

**REVISED DRAFT FINAL
COMPREHENSIVE SUPPLEMENTAL REMEDIAL INVESTIGATION
REPORT
CHELAN CHEVRON SITE
CLEANUP SITE ID: 6660
Chelan, Washington**

June 4, 2025

**Prepared for:
Washington State Department of Ecology – Central Region Office
1250 West Alder Street
Union Gap, Washington 98903**

**Prepared by:
Leidos, Inc.
11824 North Creek Parkway N, Suite 101
Bothell, Washington 98011**

**On Behalf of:
Resource Environmental, LLC
925 Salida Del Sol Drive
Paso Robles, California 93446**

**REVISED DRAFT FINAL
COMPREHENSIVE SUPPLEMENTAL REMEDIAL INVESTIGATION
REPORT
CHELAN CHEVRON SITE
CLEANUP SITE ID: 6660
Chelan, Washington**

June 4, 2025

Prepared for:
Washington State Department of Ecology – Central Region Office
1250 West Alder Street
Union Gap, Washington 98903

Prepared by:
Leidos, Inc.
11824 North Creek Parkway N, Suite 101
Bothell, Washington 98011

On Behalf of:
Resource Environmental, LLC
925 Salida Del Sol Drive
Paso Robles, California 93446

Thomas E. Dubé, LG/LHg

Russell S. Shropshire, PE



TABLE OF CONTENTS

EXECUTIVE SUMMARY	1
1 INTRODUCTION.....	3
1.1 Background.....	3
1.2 Objectives	3
2 SITE INFORMATION	5
2.1 General Site Information	5
2.2 Site Definition and Description	5
2.3 Site Setting.....	6
2.3.1 Regional Geology	6
2.3.2 Topography.....	6
2.3.3 Surface Water	7
2.3.4 Climate.....	7
2.3.5 Vulnerable Population or Overburdened Community Assessment	7
2.4 Site Use.....	8
2.4.1 Current Site Use.....	8
2.4.2 Future Site Use	8
2.5 Site History	8
2.5.1 232 E. Woodin Avenue – Chelan Chevron Service Station	10
2.5.2 221 E. Woodin Avenue – Former Unocal Service Station.....	10
2.5.3 141 E. Woodin Avenue – Former Standard Oil Service Station	11
2.5.4 125 E. Woodin Avenue – Former Motor Inn Garage.....	11
2.5.5 229 E. Woodin Avenue – Former Richfield Oil Service Station.....	12
2.5.6 128 E. Johnson Avenue – Former Frontier Communications Facility	12
3 ENVIRONMENTAL INVESTIGATIONS AND CLEANUP ACTIONS PERFORMED PRIOR TO THE SRI.....	13
3.1 Early Independent Investigation and Cleanup Actions	13
3.2 Work Performed Under Agreed Order No. DE 02TCPCR-4905	13
3.3 Independent Investigation Activities Performed 2007 to 2014	13
4 SUPPLEMENTAL REMEDIAL INVESTIGATION AND OTHER RECENT INVESTIGATION ACTIVITIES	14
4.1 Chronology of SRI Activities	14
4.1.1 SRI Phase 1 (2013-2018).....	14
4.1.1.1 SRI Phase 1 – Objectives/Scope of Work Performed	14
4.1.1.2 SRI Phase 1 – Timeframe of Major Activities.....	15
4.1.1.3 SRI Phase 1 – Associated Summary Reports.....	15
4.1.1.4 SRI Phase 1 – Summary of Major Findings and Recommendations	15
4.1.2 SRI Phase 2 (2016-2017).....	16

4.1.2.1	SRI Phase 2 – Objectives/Scope of Work Performed	16
4.1.2.2	SRI Phase 2 – Timeframe of Major Activities	16
4.1.2.3	SRI Phase 2 – Associated Summary Reports.....	16
4.1.2.4	SRI Phase 2 – Summary of Major Findings and Recommendations	17
4.1.3	SRI Phase 3 (2017-2020).....	17
4.1.3.1	SRI Phase 3 – Objectives/Scope of Work Performed	17
4.1.3.2	SRI Phase 3 – Timeframe of Major Activities	17
4.1.3.3	SRI Phase 3 – Associated Summary Reports.....	17
4.1.3.4	SRI Phase 3 – Summary of Major Findings and Recommendations	18
4.1.4	SRI Phase 4 (2018-2019).....	18
4.1.4.1	SRI Phase 4 – Objectives/Scope of Work Performed	18
4.1.4.2	SRI Phase 4 – Timeframe of Major Activities	19
4.1.4.3	SRI Phase 4 – Associated Summary Reports.....	19
4.1.4.4	SRI Phase 4 – Summary of Major Findings and Recommendations	19
4.1.5	SRI Phase 5 (2020-2023).....	19
4.1.5.1	SRI Phase 5 – Objectives/Scope of Work Performed	19
4.1.5.2	SRI Phase 5 – Timeframe of Major Activities	20
4.1.5.3	SRI Phase 5 – Associated Summary Reports.....	20
4.1.5.4	SRI Phase 5 – Summary of Major Findings and Recommendations	21
4.1.6	Groundwater Monitoring.....	21
4.1.6.1	Groundwater Monitoring – Objectives	21
4.1.6.2	Groundwater Monitoring – Timeframe of Major Activities	21
4.1.6.3	Groundwater Monitoring – Associated Summary Reports	22
4.1.6.4	Groundwater Monitoring – Summary of Major Findings and Recommendations	22
4.2	Other Recent Investigation Activities.....	22
4.2.1	City of Chelan Columbia to Sanders Water and Sewer Main Replacement Project	22
4.2.2	Abandoned UST Closure and Enhanced Natural Attenuation Treatability Study	23
4.3	Results of the SRI and Other Recent Investigation Activities.....	23
4.3.1	Soil Sampling Results.....	23
4.3.1.1	SRI Phase 1 Soil Sampling Results.....	23
4.3.1.2	SRI Phase 2 Soil Sampling Results.....	24
4.3.1.3	SRI Phase 3 Soil Sampling Results.....	24
4.3.1.4	SRI Phase 4 Soil Sampling Results.....	24
4.3.1.5	SRI Phase 5 Soil Sampling Results.....	24
4.3.1.6	City of Chelan Columbia to Sanders Water and Sewer Main Replacement Project Soil Sampling Results	25

4.3.1.7	Oxygen Emitter Well Installation Soil Sampling Results	25
4.3.2	Groundwater Monitoring Results	26
4.3.2.1	Routine Groundwater Monitoring Results	26
4.3.2.2	Natural Attenuation Assessment Monitoring Results	27
4.3.2.3	Recent Groundwater Sampling Results from Oxygen Emitter System Wells.....	27
4.3.3	LNAPL Assessment.....	27
4.3.3.1	LNAPL Delineation	27
4.3.3.2	LNAPL Transmissivity	28
4.3.3.3	LNAPL Forensics and Physical Properties Analyses	29
4.3.4	Vapor Intrusion Assessment Results	29
4.3.5	Identification of Abandoned USTs.....	30
4.3.5.1	141 E. Woodin Avenue	30
4.3.5.2	221 E. Woodin Avenue	31
4.3.5.3	125 E. Woodin Avenue	31
4.3.5.4	Other Abandoned USTs	32
5	SUMMARY OF CURRENT CONCEPTUAL SITE MODEL	34
5.1	Site Geology and Hydrogeology	34
5.1.1	Geology.....	34
5.1.1.1	Lithologic Unit A	34
5.1.1.2	Lithologic Unit B	35
5.1.1.3	Lithologic Unit C	35
5.1.2	Hydrogeology	35
5.1.2.1	Shallow Perched Water-Bearing Zone.....	36
5.1.2.2	Deep Water-Table Aquifer.....	38
5.1.2.3	Groundwater Relationship to Lake Chelan	38
5.2	Petroleum Release Sources.....	39
5.3	Contaminants of Concern	40
5.4	LNAPL CSM.....	41
5.4.1	LNAPL Occurrence	41
5.4.2	LNAPL Mobility and Saturation	41
5.4.3	LNAPL Product Types and Spatial Distribution	42
5.4.4	LNAPL Vertical Distribution	43
5.4.5	LNAPL Hydrogeologic Conditions.....	45
5.4.5.1	Unconfined.....	46
5.4.5.2	Confined.....	46
5.4.5.3	Perched.....	46
5.4.5.4	Preferential Pathways.....	47
5.4.5.5	Interpretation of In-Well LNAPL Thickness Measurements.....	48
5.4.6	LNAPL Transmissivity and Recoverability	48
5.5	Extent of Impacts to Environmental Media.....	49
5.5.1	Impacts to Soil	49
5.5.1.1	Lateral Extents.....	49

5.5.1.2	Vertical Extents	51
5.5.2	Impacts to Groundwater	51
5.5.3	Impacts to Soil Vapor	51
5.6	Potential Receptor and Exposure Pathway Analysis	52
5.6.1	Potential Soil Transport and Exposure Pathways	53
5.6.2	Potential Groundwater Transport and Exposure Pathways	54
5.6.3	Potential Soil Vapor Transport Pathways and Exposure Pathways	55
5.6.4	Terrestrial Ecological Evaluation	55
6	CLEANUP ACTION OBJECTIVES	56
6.1	Cleanup Standards	56
6.1.1	Cleanup Levels	56
6.1.2	Points of Compliance	57
6.1.2.1	POCs for Soil	57
6.1.2.2	POCs for Groundwater	57
6.1.3	Other Regulatory Requirements	58
6.2	Remediation Levels	58
6.3	Summary of Cleanup Action Objectives for Remedy Selection	59
7	CONCLUSIONS	60
8	REFERENCES	62

FIGURES

Figure 1:	Site Vicinity Map
Figure 2:	Site Area Map
Figure 3:	Site Map
Figure 4:	SRI Phase 1 Investigation Locations
Figure 5:	SRI Phase 2 Investigation Locations
Figure 6:	SRI Phase 3 Investigation Locations
Figure 7A:	SRI Phase 4 Investigation Locations - 1
Figure 7B:	SRI Phase 4 Investigation Locations - 2
Figure 8:	SRI Phase 5 Investigation Locations
Figure 9:	City of Chelan Utility Project Area
Figure 10:	Oxygen Emitter System Well Locations
Figure 11A:	Soil Sampling Results – 100 Block, City of Chelan Utility Project
Figure 11B:	Soil Sampling Results – 200 Block, City of Chelan Utility Project
Figure 12:	2023 LNAPL Monitoring and Groundwater Analytical Results
Figure 13:	Groundwater Elevation Contour Map: May 15-18, 2023
Figure 14:	Groundwater Elevation Contour Map: November 2-4, 2023
Figure 15:	Section Line for Cross-Section A-A'
Figure 16:	Geologic Cross-Section A-A'
Figure 17:	Inferred Current Extents of Petroleum LNAPL Product Types
Figure 18:	Approximate Lateral Extents of Petroleum Impacted Soil

TABLES

Table 1:	Summary of SRI Phase 2 Soil Sampling Results
Table 2:	Summary of SRI Phase 4 Soil Sampling Results
Table 3:	Summary of SRI Phase 5 Soil Sampling Results
Table 4:	Summary of City of Chelan Columbia to Sanders Water and Sewer Main Replacement Project, Soil Sampling Results
Table 5:	Summary of Oxygen Emitter System Well Installation Soil and Groundwater Sampling Results
Table 6:	Groundwater Monitoring Data and Analytical Results
Table 7:	Summary of SRI Phase 1 Tier 2 VI Assessment Sampling Results
Table 8:	Summary of SRI Phase 5 Tier 1 VI Assessment Sampling Results

APPENDICES

Appendix A:	Historical Site Photographs
Appendix B:	Boring Logs
Appendix C:	Geophysical Investigation Report
Appendix D:	Laboratory Analytical Reports

LIST OF ACRONYMS

APH	air-phase petroleum hydrocarbons
API	American Petroleum Institute
ARAR	Applicable or Relevant and Appropriate Requirement
ARCO	Atlantic Richfield Company
ASTM	American Society for Testing and Materials
bgs	below ground surface
BTEX	benzene, toluene, ethylbenzene, xylenes
CAP	cleanup action plan
COC	contaminant of concern
CPOC	conditional point of compliance
CSID	Cleanup Site Identification
CSM	conceptual site model
CUL	cleanup level
DMU	Downtown Mixed Use
DRO	diesel-range organics
DTP	depth to product (LNAPL)
DTW	depth to water
Ecology	Washington State Department of Ecology
EDB	Ethylene dibromide (1,2-dibromoethane)
EDC	Ethylene dichloride (1,2-dichloroethane)
EHD	Environmental Health Disparities
EM	electromagnetic
FS	feasibility study
FSID	Facility Site Identification
ft	foot or feet
GC/MS	gas chromatography / mass spectrometry
gpm	gallon per minute
GPR	ground penetrating radar
GRO	gasoline-range organics
GWE	groundwater elevation
HRO	heavy-oil-range organics
Hz	hertz
ITRC	Interstate Technology Regulatory Council
LCHS	Lake Chelan Historical Society
LCSM	LNAPL conceptual site model
LIF	laser-induced fluorescence
LNAPL	light non-aqueous phase liquid
LNAPLT	LNAPL thickness
MADEP	Massachusetts Department of Environmental Protection
mg/kg	milligrams per kilogram
MTBE	methyl tert-butyl ether
MTCA	Model Toxics Control Act
mV	millivolt
NAD83	North American Datum of 1983

NAVD88	North American Vertical Datum of 1988
ND	non-detect
NWTPH	Northwest (Washington and Oregon) total petroleum hydrocarbons
PAH	polycyclic aromatic hydrocarbon
PCB	polychlorinated biphenyl
PCE	tetrachloroethylene (perchloroethylene)
PID	photoionization detector
PLP	Potentially Liable Person
POC	point of compliance
ppm	parts per million
ppmV	parts per million by volume
PUD	Public Utilities District
QA/QC	quality assurance / quality control
RDL	reported detection limit
RELLC	Resource Environmental, LLC
RF	radio frequency
RI	remedial investigation
SAIC	Science Applications International Corporation
SES	Spokane Environmental Services
SFS	supplemental feasibility study
SGC	silica-gel cleanup
SIM	selected ion monitoring
SRI	supplemental remedial investigation
SVE	soil vapor extraction
TCE	trichloroethylene
TOC	top of casing (elevation)
TPH	total petroleum hydrocarbons
µg/L	micrograms per liter
µg/m ³	micrograms per cubic meter
USEPA	United States Environmental Protection Agency
UST	underground storage tank
UTA	unable to access
UV	ultraviolet
UVOST-HP	Ultra-Violet Optical Screening Tool and Hydraulic Profiling
VI	vapor intrusion
VPOCs	vulnerable populations and overburdened communities
WAC	Washington Administrative Code

**REVISED DRAFT FINAL
COMPREHENSIVE SUPPLEMENTAL REMEDIAL INVESTIGATION REPORT
CHELAN CHEVRON SITE**

EXECUTIVE SUMMARY

Leidos, Inc. (Leidos), on behalf of Resource Environmental, LLC (RELLC), an environmental service provider to Chevron Environmental Management Company (Chevron), has prepared this draft Comprehensive Supplemental Remedial Investigation (SRI) report for the Chelan Chevron site (the Site), located at and near 232 E. Woodin Avenue in Chelan, Washington. The Site is roughly defined as an approximately 10-acre area in Chelan's historical downtown business district where petroleum-range hydrocarbon contamination is known to be present in soil, groundwater, and soil vapor. A Site vicinity map is included as Figure 1 and a Site area map is included as Figure 2.

The SRI was performed as required per Section VII of Agreed Order No. DE 10629 (2014 Agreed Order), which was entered into by the State of Washington, Department of Ecology (Ecology) and Chevron in June 2014. The intent of the SRI was to build upon the previous remedial investigation (RI) that was completed in 2006 (SAIC, 2006) by collecting additional data to confirm protecting of receptors, update the conceptual site model (CSM), and provide for the selection and design of a workable cleanup action. Investigation activities associated with the SRI were completed in five phases that began in 2013 and were completed in 2023.

The objective of this report is to provide a high-level summary and understanding of the work performed for the SRI and how the results of this work have modified the CSM for the Site. As such, this report will not reiterate all details and results of work performed for the SRI. Therefore, when necessary, the reader should consult the technical documents referenced in this report when additional details are needed.

This SRI report also includes information gathered from other recent investigation activities at or near the Site that were not conducted as part of the SRI. This information has been included because it has furthered our understanding of conditions at the Site, and therefore has been incorporated into the updated CSM.

Results of the SRI have confirmed that the Site has been impacted by at least four major discrete sources of petroleum product releases resulting from the widespread historical use and distribution of petroleum products within Chelan's historical business corridor since at least the 1920s. Other recent investigation activities near the Site have also confirmed petroleum releases from at least four other minor sources (heating oil or similar smaller tanks), and additional unconfirmed contributing sources are also suspected.

Data gaps still exist regarding the sources for all the petroleum impacts at this large Site, and the local extents of contamination from each of these sources. The extent of potential contaminant comingling between these sources is also unknown. However, the SRI has been successful in collecting sufficient data to assess conditions at the Site as they relate to the potential to impact

human health and the environment, and the ability to move forward with a feasibility study. Based on evaluation of the SRI results, Leidos has concluded the following:

- No impacts to Lake Chelan have been identified. Subsurface contamination at the Site appears to be geologically isolated from Lake Chelan by a low-permeability confining layer of glacially deposited material that restricts groundwater flow to the lake.
- Petroleum impacted groundwater is confined to a shallow, low-yield water-bearing zone that is not used as a source of drinking water and does not reach the lake. This perched zone is laterally separated from the lake to the southwest by more than 200 feet of unsaturated soil.
- Petroleum impacted soils associated with the Site are generally present at depths of 15 feet or more below the ground surface, within a unit of silt and clay.
- The volume of non-aqueous phase petroleum present at the Site appears to be much less significant than previously understood, likely residing within smaller plumes originating from the various sources, instead of a single large plume. This non-aqueous material is generally not conducive to efficient recovery by hydraulic methods.
- Virtually all areas of petroleum impacted soil are present below paved roadways, parking lots, and other permanent structures, which limits the potential for exposure for humans and wildlife, and also limits access for remedial measures.
- Vapor intrusion assessment results indicate that petroleum constituents in soil vapor are not adversely impacting indoor air quality in existing buildings within the Site area.
- Although current conditions at the Site do not result in complete pathways for human or terrestrial ecological organisms to be exposed to hazardous substances present at the Site, additional measures are required to address the potential for future exposure scenarios to develop due to changes in conditions or land use at the Site.

Based on these findings, Leidos believes that the SRI has achieved the objectives specified by the 2014 Agreed Order and that future work at the Site should transition to preparation of the required Supplemental Feasibility Study.

1 INTRODUCTION

Leidos, Inc. (Leidos), on behalf of Resource Environmental, LLC (RELLC), an environmental service provider to Chevron Environmental Management Company (Chevron), has prepared this draft Comprehensive Supplemental Remedial Investigation (SRI) report for the Chelan Chevron site (the Site), located at and near 232 E. Woodin Avenue in Chelan, Washington. A Site vicinity map is included as Figure 1 and a Site area map is included as Figure 2.

The SRI was performed as required per Section VII of Agreed Order No. DE 10629, which was entered into by the State of Washington, Department of Ecology (Ecology) and Chevron in June 2014.

1.1 BACKGROUND

A remedial investigation (RI) and feasibility study (FS) were previously completed in 2006 to satisfy the requirements of Agreed Order No. DE 02TCPCR-4905 (2002 Agreed Order), which was entered into by Ecology and Chevron on October 28, 2002. A final RI/FS Report was submitted to Ecology, on behalf of Chevron, by Science Applications International Corporation (SAIC, now Leidos) in December 2006. This final report (SAIC, 2006) is referred to as the 2006 RI/FS throughout the remainder of this document. The 2006 RI/FS identified Alternative 2C as the preferred cleanup alternative to address petroleum hydrocarbon impacts to soil and groundwater at the Site. This alternative consisted of periodic bailing of residual petroleum products (light non-aqueous phase liquid [LNAPL]), natural attenuation for petroleum impacts to soil, and monitored natural attenuation for petroleum impacts to groundwater in the shallow perched water-bearing zone.

The 2006 RI/FS Report was approved by Ecology with no comments, by letter dated January 29, 2007. On September 6, 2007, Ecology issued a letter to Chevron providing notice of completion of the 2002 Agreed Order. Following satisfaction of this Agreed Order, Chevron worked cooperatively with Ecology to develop a draft Cleanup Action Plan (CAP) for the Site, and continued groundwater monitoring and periodic bailing of LNAPL, consistent with the preferred cleanup alternative identified by the 2006 RI/FS.

By letter dated November 1, 2012, Ecology rescinded approval of the 2006 RI/FS and requested that Chevron conduct a Supplemental Feasibility Study (SFS) to evaluate more aggressive cleanup technologies for the Site. In June 2014, Ecology and Chevron entered into Agreed Order No. DE 10629 (2014 Agreed Order), which included the requirement for Chevron to perform an SRI, SFS, and revised draft CAP, responsive to any new information obtained. Work to complete the SRI was conducted in a stepwise approach that ultimately included five major phases of investigation activities performed between 2013 and 2023. Each phase of this work was based on the findings and/or data gaps identified during the previous phases, and one or more summary reports were prepared to present the findings of each phase.

1.2 OBJECTIVES

As stated in the 2014 Agreed Order, the intent of the SRI was to confirm protection of receptors, update the conceptual site model (CSM), and provide information to design a workable remedy. As its title implies, the objective of this report is to provide a comprehensive summary of each phase of the SRI work that was performed toward that goal. Specifically, this document is

intended to provide a complete, yet higher level understanding of the work performed and findings of the SRI, without the need to consult multiple project summary documents. However, as a comprehensive summary of the SRI, this document is not intended to provide the level of detail provided by the previously submitted phase-level summary reports for the SRI. Therefore, the reader should consult these referenced sources if additional details are desired for any of the work discussed herein.

In addition to the SRI activities performed, this report also presents the results of other recent environmental investigation activities that have furthered our understanding of conditions at the Site, and which therefore have been integrated into our updates to the CSM.

2 SITE INFORMATION

2.1 GENERAL SITE INFORMATION

- Site Name: Chelan Chevron
- Alternate Names: Rogers Chelan Chevron
- Address: 232 E Woodin Avenue, Chelan, WA 98816¹
- Assessor Parcel Number: Chelan County 272213512468¹
- Ecology Cleanup Site ID: 6660
- Ecology Agreed Order No.: DE 10629
- Latitude/Longitude: 47.83960/-120.01528¹
- Township/Range/Section: 27N 22E 13
- Potentially Liable Persons (PLPs): Chevron Products Company, Chevron U.S.A., Inc., Frontier Communications, Inc.
- Designated Project Coordinators: Mr. Greg Vogelpohl, PE, General Manager, Resource Environmental LLC
- Project Consultant: Mr. Russ Shropshire, PE, Leidos, Inc.

2.2 SITE DEFINITION AND DESCRIPTION

Under Ecology’s environmental cleanup regulation, the Model Toxics Control Act (MTCA), a “site” includes any area where hazardous substances, other than consumer products in consumer use, have been deposited, stored, disposed of, placed, or otherwise come to be located (Ecology, 2024a).

For the purpose of this document, the Site is roughly defined as an approximately 10-acre area in the historical downtown business district of Chelan, Washington where petroleum-range hydrocarbon contamination is known to be present in soil, groundwater, and/or soil vapor. It is generally located along and adjacent to E. Woodin Avenue, between Sanders Street to the east and extending beyond Emerson Street to the west. To the north, it is generally bounded by E. Johnson Avenue, and to the south by E. Wapato Avenue. Figure 2 shows the approximate boundaries of the Site, which are not strictly defined. Within this area, petroleum impacts to soil, groundwater, and soil vapor have been documented, including the routine presence of residual petroleum product (herein referred to as LNAPL) in approximately 12 monitoring wells at the Site. Monitoring well locations are shown on the Site map presented as Figure 3.

The Site name (Chelan Chevron) can be attributed to the first discovery of petroleum-range hydrocarbon contamination in this area, which occurred in 1987 at the Chelan Chevron service station located at 232 E. Woodin Avenue.

Subsequent investigations have confirmed that the Site has been impacted by petroleum product releases from multiple sources, including at least two former gasoline service stations, multiple

¹ The address, assessor parcel number, and latitude/longitude information provided in Section 2.1 refer to the specific property where a contaminant release was first reported in association with the Site in 1987. However, as further discussed in Section 2.2, the Site is now considered to encompass a larger area that includes multiple properties and contaminant release sources.

heating oil tanks, and at least one other still unidentified source of diesel-range petroleum product. Two other former gasoline service stations that operated within the area of the Site are also suspected, yet unconfirmed, sources of petroleum impacts to the Site. However, Ecology has continued to manage the Site as a single cleanup site, with multiple cleanup units, due to the likelihood of comingled contamination from the various sources.

Within the boundaries of the Site, Ecology has identified the following three cleanup unit areas, which are associated with confirmed source areas resulting from past service station operations.

- Chevron Oil Company (Ecology Facility Site Identification [FSID] No. 77751227) – associated with past documented releases from the Chelan Chevron service station located at 232 E. Woodin Avenue.
- Standard Oil (Ecology FSID No. 30169) – associated with confirmed releases from a service station that formerly operated on the property at 141 E. Woodin Avenue.
- Unocal Station (Ecology FSID No. 73281) – associated with confirmed releases from a service station that formerly operated on the property at 221 E. Woodin Avenue.

The boundaries of these cleanup units are not clearly defined, and to date, no cleanup unit has been assigned for the predominantly diesel-range petroleum contamination that is present only in the northwest portion of the overall Site, on and south of the property at 136 E. Johnson Avenue.

2.3 SITE SETTING

The Site is located in the lower portion of the Chelan valley, along the lowermost extent of Lake Chelan (Figure 1). The Chelan valley lies above, and drains to, the terraced valley of the Columbia River, approximately five miles to the southeast. The Lake Chelan basin drains a portion of the southeastern side of the North Cascade mountains in north-central Washington. The basin encompasses approximately 1,050 square miles, and Lake Chelan is the main feature of the basin. The deep elongated shape of the lake is characteristic of glacially carved fjords. Although the lake has been dammed since 1889 (raising the lake surface elevation several feet), glacial sediments originally dammed the lower end of the basin to create Lake Chelan. The lake extends approximately 55 miles from the mouth of the Stehekin River to the terminus at the City of Chelan (Montgomery Water Group, et al., 1995).

2.3.1 Regional Geology

The regional geology of the area consists of Cretaceous metamorphic bedrock (migmatite) that grade northwest into igneous rock (tonalite). Overlying the bedrock are thick glacial deposits that were formed by the Okanogan lobe of the Cordilleran ice sheet during the Pleistocene epoch (Tabor et al., 1987). As the Okanogan lobe advanced through the lower Chelan valley, glacial deposits such as till and outwash were formed. Overlying these glacial deposits is a sequence of silt and clay that likely were deposited within a lake formed by glacial deposits damming the meltwater runoff from the Okanogan lobe. This lake in the lower valley formed prior to the Lake Chelan that exists today. Overlying the silt/clay lacustrine (lake-formed) deposits is a sequence of alluvial/fluvial (river-formed) material consisting of sand, silt, and gravel.

2.3.2 Topography

The Site lies in the relatively broad and flat valley bottom area along the north side of Lake Chelan (Figure 1). In the immediate vicinity of the Site the topography is generally flat, with

surface elevation dropping slightly to the south and west toward the lake. Maximum ground surface elevations of approximately 1,128 feet above the NAVD88 datum are generally found in the eastern portion of the Site, along Sanders Street, and in portions of the Site to the north of E. Woodin Avenue. Minimum ground surface elevations of approximately 1,119 are found in the southwestern-most portions of the Site, near Chelan Riverwalk Park. Ground surface elevations begin to increase more steeply approximately 1,500 feet northeast of the Site, as the valley bottom begins to transition into the surrounding foothills, several of which attain elevations exceeding 3,000 feet.

2.3.3 Surface Water

Lake Chelan and the Chelan River are the closest surface water bodies to the Site. Locations at the Site where petroleum hydrocarbon impacts have been detected are estimated to be within 300 feet of the lake. Lake Chelan is the sole drinking water source for the City of Chelan.

2.3.4 Climate

The climate of the Chelan region is generally temperate and sunny with hot summers and cool to cold winters. Average summer temperatures range from the low 70s into the upper 80s, while winter temperatures typically stay between the mid-30s to mid-40s. Rainfall in the region varies throughout the year, but there are typically more rainy days during the winter months than during summer months. Snowfall occurs occasionally during winter months and is usually light and short-lived (www.bestplaces.net/climate/city/wa/Chelan). Chelan receives approximately 11 inches of precipitation per year (Western Regional Climate Center, www.wrcc.dri.edu).

2.3.5 Vulnerable Population or Overburdened Community Assessment

Per the current MTCA Cleanup Regulation, which was most recently revised in January 2024 (Ecology, 2024a), the RI process must include information on threats to likely vulnerable populations or overburdened communities (VPOCs). Ecology Implementation Memorandum No. 25: *Identifying Likely Vulnerable Populations and Overburdened Communities under the Cleanup Regulations* (Ecology, 2024b) provides guidance on what actions are needed to determine whether the population threatened by a contaminated site includes a likely VPOC. Per the test guidance provided by Implementation Memorandum No. 25, a potentially exposed population includes a likely VPOC if the population meets any one of the following three criteria:

1. The potentially exposed population is located in a census tract that ranks a 9 or 10 on the Environmental Health Disparities (EHD) Index from the Washington State Department of Health's EHD Map (<https://fortress.wa.gov/doh/wtnibl/WTNIBL/>).

Findings: The Site is located in an area that has been assigned a rank of 3 on the EHD map.

2. The potentially exposed population is located in a census tract that is at or above the 80th Washington state percentile of the Demographic Index from the U.S. Environmental Protection Agency's (USEPA) Environmental Justice Screening and Mapping Tool, EJScreen (<https://www.epa.gov/ejscreen>).

Findings: EJScreen is currently not available; therefore, this criterion cannot be evaluated at this time.

3. The potentially exposed population is located in a census tract that is at or above the 80th Washington state percentile of the Supplemental Demographic Index from the USEPA's EJScreen.

Findings: EJScreen is currently not available; therefore, this criterion cannot be evaluated at this time.

Based on the above-referenced EHD Index result, and following further consultation with Ecology on this issue, Leidos has preliminarily concluded that the potentially exposed population associated with the Site is not a likely VPOC. However, this determination will be reassessed during the future SFS and CAP processes, if additional information becomes available.

2.4 SITE USE

2.4.1 Current Site Use

Land use on and in the vicinity of the Site area has been primarily as a commercial district for more than a century. The City of Chelan Comprehensive Plan Update 2017² indicates that the land use classification in this area is Downtown Mixed Use (DMU). The purpose of the DMU designation is to provide for a pedestrian oriented mix of commercial, mixed-uses, and residential uses.

Property use and businesses in this vicinity currently include three active service stations, restaurants and retail shops, a bank, museum, theater, hotel, fire station, post office, parking lots and streets, and other miscellaneous businesses. Within this area, several properties are known to have residential apartments on the upper floors. Beyond the boundaries of the Site, residential properties are located nearby to the south of E. Wapato Avenue and east of Sanders Street.

The Site is almost entirely paved or covered by buildings. The Site area consists of multiple privately owned properties, as well as public spaces and rights-of-way that are operated and maintained under the jurisdiction of the City of Chelan, Washington State Department of Transportation, and Chelan County Public Utilities District (PUD). Chevron does not own or otherwise control any portion of the Site or surrounding vicinity.

2.4.2 Future Site Use

Because the Site is located within the historic retail core along Woodin Avenue, which has maintained the same primarily commercial usage for more than a century, it is considered unlikely that land use in this area will change.

2.5 SITE HISTORY

The Site and surrounding vicinity lie within the original plat for the town of Chelan, which was filed in July of 1889. The City of Chelan was incorporated in 1902. Around this time, the earliest brick buildings constructed in the City were concentrated around the intersection of

² <https://cityofchelan.us/DocumentCenter/View/229/2017-Comprehensive-Plan---Clean-November-2017-PDF>

Woodin Avenue and Emerson Street, which at that time was considered the “center” of town (LCHS, 2000). The Miners & Merchants Bank building, located at the southeast corner of Woodin and Emerson (204 E. Woodin Avenue) and currently the location of the Chelan Museum, was constructed in 1902 (LCHS, 2001).

By 1921, livery stables had disappeared from the Chelan Valley and were replaced by service stations and automobile and farm machinery dealers (LCHS, 2000). Around the mid-1920s, construction of a larger and more permanent dam on the Chelan River brought a large influx of people to the Chelan Valley and resulted in the raising of the lake level. The raising of the lake level facilitated the expansion of the business district further to the west along Woodin Avenue by eliminating the steep incline down to the Chelan River (LCHS, 2001). Sanborn maps and City Council documents³ indicate that in 1929 six businesses were providing gas and oil or garage services along the two blocks of Woodin Avenue between Columbia Street and the east side of Sanders Street. Around this time, there were also many other businesses in the area that would likely have sold or used petroleum-based solvents (e.g., hardware stores, paint stores, welding shops, etc.).

Based on observations and discussions with long-time Chelan residents, it is believed that most, if not all, of the properties in the Site area used oil for heating at some point in the past (SAIC, 2006). Still today, heating oil tanks are known to be present underground or in the basement spaces of many of these properties, some of which may still be active and/or contain residual heating oil.

City Council documents from 1919 to the 1960s indicate that the City would apply oil to the unpaved streets and alleys for dust control during the summer. The main streets, including Woodin Avenue, were considered high priority for oiling. Up through the 1930s, this consisted of residual fuel oils (“road oil”) that would be sprayed or mixed into the surface. In 1939, the City first used mixtures of soil and cutback bitumen (asphaltic oil with naphtha or kerosene) for longer-lasting road surfacing. In 1957, the Council discussed using waste oil from Chelan service stations for application in alleys.

The following subsections provide additional details regarding properties within or near the Site area with documented histories of petroleum product distribution and/or bulk storage, including the use of underground storage tanks (USTs). Additional details regarding the history of other petroleum-related locations in the vicinity of the Site can be found in Section 1.2 of the 2006 RI/FS (SAIC, 2006). Petroleum release source locations, both confirmed and suspected, are listed below in Section 5.2.

³ Chelan City Council documents were derived from the following online source: “Chelan City Council, Minutes and Meeting Records, 1910-2025”; Washington State Archives, Digital Archives; <http://digitalarchives.wa.gov/Collections/TitleInfo/1362>.

2.5.1 232 E. Woodin Avenue – Chelan Chevron Service Station

Ecology Cleanup Site ID: 6660

Ecology Facility/Site ID: 77751227

Ecology UST ID: 5215

A gasoline service station has operated continuously on this property since 1931. Based on City Council documents, the facility was initially named the Rainbow Super Station and was owned by George W. Venable. The property included not only a gasoline service station but also the Chelan Battery Station as well as the Chelan Body, Fender & Paint Shop (LCHS, 2001). From the late 1930s to the early 1950s, it was referred to as the Venable Service Station.

Council documents and telephone directories from the early 1950s to the 1970s record this station as Harris Chevron Service, which was named after the property owner, Warren A. Harris. Standard Oil Company, which later became Chevron in 1984, owned the service station business from the early 1950s until January 1988. During these years, the property itself was owned by Harris, who leased the property to Chevron, who in turn subleased the business out to various dealers. The service station business and the property are now jointly owned by an independent party. Chevron has acted only as a fuel supplier to the station since January 1988.

Chelan County Assessor's records indicate that the current building on this property was constructed in 1957.

2.5.2 221 E. Woodin Avenue – Former Unocal Service Station

Ecology Cleanup Site ID: 6660

Ecology Facility/Site ID: 73281

Ecology UST ID: 620470

Historical records indicate that service station operations were conducted on the property beginning as early as 1910 and continuing until the 1970s. By 1927 the property included a garage and gasoline station also owned by George Venable. On the 1929 Sanborn map this property is identified as the Washington Farmers Union, which sold gasoline. Chelan County property records include a November 1928 lease agreement between Washington Farmers Union, Inc. and Union Oil Company of California (Union Oil) that allowed Union Oil to use the property for storage and sale of gasoline and other petroleum products. This lease was to end on December 11, 1930, with an option to extend five years. By 1931, the property was part of Don Miller Chevrolet, continuing with a garage, and in 1936 this became Mac Chevrolet (LCHS, 2000).

Chelan County Assessor's records indicate that the current building on this property was constructed in 1946. This facility consisted of a garage at the Mac Chevrolet dealership. Lake Chelan Historical Society records indicate that the newly constructed building became a Shell Oil service station, agency for Chevrolet cars, farm machinery, household electrical appliances, as well as auto repair and storage (LCHS, 2000). Historical photos from about the late 1940s to the early 1960s show a Shell sign at the station. In later photos from 1964, the dispenser area was refurbished and the fuel pumps were operated as a Union Oil 76 service station at the Chevrolet dealership (Appendix A).

2.5.3 141 E. Woodin Avenue – Former Standard Oil Service Station

Ecology Cleanup Site ID: 6660

Ecology Facility/Site ID: 30169

Ecology UST ID: 620469

Prior to 1922, the Chelan Motor Company was located farther west on Woodin Avenue, affiliated with the J.F. Hendricks and Sons garage. In 1922, the Chelan Motor Company opened a small service station on the corner of Woodin Avenue and Emerson Street. A 1924 photo shows two gasoline pumps at a partially paved station, dispensing Standard Oil's Red Crown gasoline (Appendix A). In 1927 the present building was constructed by R.W. Little for the Chelan Motor Company, which served as a garage and Ford Motor Company dealership. Two fuel pumps were installed under the building overhang where cars could drive through and refuel off the street (LCHS, 2000). During part of the 1930s and 1940s, a Standard Oil gasoline pump was located on Woodin Avenue next to the sidewalk in front of the building. After this large pump was removed in the 1940s, three fuel pumps were located under the overhang.

According to 1940s City Council documents, Chelan Motor Company also operated on the adjacent lot north of the alley, where the current post office parking lot is located (144 E. Johnson). This apparently involved automotive repair activities. Historical records and photos indicate that service station operations continued on the Woodin Avenue property until the early 1950s, and the building was then converted to a hardware store by 1953.

Chelan County property records indicate that Standard Oil Company of California entered into several lease agreements for the property between 1928 and 1940, and historical photos from this time period show Standard Oil signage displayed at the facility (Appendix A).

2.5.4 125 E. Woodin Avenue – Former Motor Inn Garage

Ecology Cleanup Site ID: 17074

Ecology Facility/Site ID: 100002575

Ecology UST ID: 620637

Lake Chelan Historical Society records indicate that Norman T. Higgins obtained a building permit to construct a garage on this property and opened Higgins Garage in 1920. In 1931, the Motor Inn began operating at this location through a five-year term lease agreement with the Higgins family. Chelan County records indicate that the Motor Inn entered into a second five-year term lease agreement for the property in 1936. Both lease agreements include references to the lessee's use of a preexisting "gas tank". A 1939 City Council document references a gas pump in the street in front of the Motor Inn, with an order to remove it due to road surfacing. A photo taken between 1931 and 1935 shows the front of the Motor Inn emblazoned with Shell logos and the gasoline pump located in front of the garage (Appendix A). Two later photos from the mid-1930s and from circa 1939 show a sign hanging on the building for Gilmore Red Lion gasoline, a product of the Gilmore Oil Company.

At this time there are no other records of a service station being operated at this location after the Motor Inn's lease ended in 1941. City Council documents indicate the Higgins Garage

continued operating at least through 1942. Chelan County Assessor's records indicate that the current building on this property was constructed in 1916.

2.5.5 229 E. Woodin Avenue – Former Richfield Oil Service Station

Ecology Facility/Site ID: 76326346

Ecology UST ID: 12011

A 1939 City Council document indicated that the Richfield Oil Company began operating a new service station on the corner of Woodin Avenue. Sanborn maps indicate that a service station was operating on the southwest portion of this property in 1945. Council documents and telephone directories from the late 1940s and 1950s list this station as Bert's Richfield Service or Bert's Service Station, which was named after the property owner, Bert Lehmann. Historical photos from 1959 through 1964 indicate that this service station continued to be operated by Richfield Oil (Appendix A). Richfield Oil, which later became ARCO, continued to operate at this location until the 1970s (SAIC, 2006).

This property is identified by Ecology as the Elizabeth K Carter site. Ecology UST records for this property indicate that three USTs were installed, each ranging in capacity from 111 to 1,100 gallons, and that the USTs were closed in placed.

Chelan County tax records indicate that the current building on this property was constructed in 1939. Therefore, it appears to be the same building that was present during service station operations on the property from that date to the 1970s.

2.5.6 128 E. Johnson Avenue – Former Frontier Communications Facility

Ecology Facility/Site ID: 18739927

Ecology UST ID: 12338

Ecology UST records identify this property as the Chelan Central Office site. Two single-wall steel tanks were reported to have been installed on the property in 1964. One of these tanks was reportedly removed during installation of a new double-walled steel tank in August 1996. However, the status of the second single-wall tank is currently listed as unknown.

In August 2018, Ecology issued a final determination that Frontier Communications, Inc., is a PLP for release of hazardous substances at the Chelan Chevron site.

Chelan County tax records indicate that the current building on this property was constructed in 1946.

3 ENVIRONMENTAL INVESTIGATIONS AND CLEANUP ACTIONS PERFORMED PRIOR TO THE SRI

3.1 EARLY INDEPENDENT INVESTIGATION AND CLEANUP ACTIONS

A release of petroleum product at the Site was first documented in 1987, when a leak was discovered from the gasoline UST system at the Chelan Chevron service station, located at 232 E. Woodin Avenue. The discovery of this release initiated a series of independent environmental investigation and cleanup activities that were performed by Chevron through the remainder of the 1980s and 1990s to address gasoline impacts to soil and groundwater on the Chelan Chevron service station property. Cleanup activities included bailing of LNAPL and installation of a soil vapor extraction (SVE) system that was later modified to operate as an air-sparge remediation system. In 2001, Chevron began to conduct additional independent investigations to evaluate the potential migration of released petroleum product beyond the Chelan Chevron service station property boundaries. Additional details regarding this work are presented in the 2006 RI/FS Report (SAIC, 2006).

3.2 WORK PERFORMED UNDER AGREED ORDER NO. DE 02TCPCR-4905

Following execution of the 2002 Agreed Order, three RI field events were conducted in March 2003, June/July 2003 and May 2004. Findings of the RI confirmed the presence of petroleum impacts to soil and groundwater at locations approximately 600 feet from the Chelan Chevron service station property, including LNAPL in seven monitoring wells located on and to the west of Emerson Street. Based on the data collected for the RI, SAIC concluded that petroleum contamination present at the Site had originated from multiple sources along the Woodin Avenue corridor. However, conclusive links were not made to any properties except for the Chelan Chevron service station. The 2006 RI/FS Report identified Alternative 2C as the preferred cleanup action alternative for the Site (SAIC, 2006). This alternative included natural attenuation of soil, periodic LNAPL removal by bailing, and monitored natural attenuation of groundwater in the shallow perched aquifer.

The 2002 Agreed Order was satisfied upon Ecology approval of the 2006 RI/FS Report, which was approved by Ecology with no comments by letter dated January 29, 2007. On September 6, 2007, Ecology issued a letter to Chevron providing notice of completion of the 2002 Agreed Order.

3.3 INDEPENDENT INVESTIGATION ACTIVITIES PERFORMED 2007 TO 2014

Following satisfaction of the 2002 Agreed Order, Chevron worked cooperatively with Ecology to develop a draft CAP for the Site, and continued groundwater monitoring and periodic bailing of LNAPL, consistent with the preferred cleanup alternative identified by the 2006 RI/FS. However, a CAP was never finalized.

4 SUPPLEMENTAL REMEDIAL INVESTIGATION AND OTHER RECENT INVESTIGATION ACTIVITIES

As previously stated in Section 1.2, the intent of this SRI report is to provide a comprehensive summary of each phase of the SRI work that has been performed to date. In addition, this report also presents additional data, obtained in association with other recent environmental investigations, that has informed the SRI and has been incorporated into the updated CSM. In support of these objectives, this section is organized as follows:

- Section 4.1 provides a chronology of the SRI activities.
- Section 4.2 describes other investigation activities, which although not designed officially as SRI activities, have provided additional data to inform our understanding of the Site, and which therefore have been incorporated into the CSM.
- Section 4.3 presents the results of the SRI and other investigations that is organized by relevant environmental media types (e.g., soil, groundwater, and soil vapor). This section also presents the results of LNAPL-specific investigation activities performed for the SRI and a summary of abandoned USTs encountered.

4.1 CHRONOLOGY OF SRI ACTIVITIES

The SRI was completed using a stepwise approach that included five major phases of investigation activities, with each phase of work built upon the findings and/or data gaps identified during the previous phases.

The following subsections provide a summary of the objectives and scope of work performed, timeframe of major activities, associated summary reports, and summary of major findings and recommendations for each phase of the SRI. Additional discussion regarding the results of these activities is presented in Section 4.3.

4.1.1 SRI Phase 1 (2013-2018)

4.1.1.1 SRI Phase 1 – Objectives/Scope of Work Performed

- Complete a Tier 2 vapor intrusion (VI) assessment to evaluate the potential for VI to be impacting indoor air quality in buildings near the Site.
 - Installed fourteen sub-slab soil vapor sampling probes in the basement spaces of nine privately owned properties near the Site (SRI Phase 1 investigation locations are shown on Figure 4).
 - Collected and analyzed sub-slab soil vapor samples, indoor air samples, and outdoor air samples.
 - Two field events performed (one during the summer cooling season and the second during the winter heating season).
- Monitor and evaluate groundwater contaminant concentrations and additional attenuation parameters to determine the feasibility of using monitored natural attenuation as a remedial action component.
 - Modified the groundwater monitoring program for the Site to include additional sampling locations, additional laboratory analyses, and increased sampling frequency.

- Conduct a short-duration assessment of LNAPL mobility and recoverability to facilitate further evaluation of LNAPL cleanup alternatives.
 - Performed a single field event in July 2015 to conduct LNAPL baildown testing at monitoring wells MW-10, MW-12, and MW-16 to quantify representative LNAPL transmissivity values for the Site.

4.1.1.2 SRI Phase 1 – Timeframe of Major Activities

- June 12, 2013 – Submittal of initial *Supplemental Site Assessment Work Plan* to Ecology⁴.
- November 2013 through January 2015 – Coordination of property access to allow sampling point installation and sample collection inside nine privately owned properties proximate to the Site area¹.
- June 23, 2014 – Submittal of Preliminary Evaluation of Sampling Locations for Tier 2 Vapor Intrusion Assessment to Ecology¹.
- August 25, 2014 – Submittal of draft Supplemental Remedial Investigation Work Plan to Ecology.
- December 2014 – First phase of installation of sub-slab vapor sampling probes.
- March 2015 – Second phase of installation of sub-slab vapor sampling probes.
- May 22, 2015 – Submittal of final Supplemental Remedial Investigation Work Plan – Phase 1 to Ecology.
- June 2015 – First Tier 2 VI sampling event (summer event).
- February 2016 – Second Tier 2 VI sampling event (winter event).

4.1.1.3 SRI Phase 1 – Associated Summary Reports

- *Supplemental Remedial Investigation Report – Phase 1*, December 14, 2015 (Leidos, 2015)
- *Summary of February 2016 Tier 2 Vapor Intrusion Assessment Sampling Event* – June 6, 2016 (Leidos, 2016).
- *Groundwater Monitoring Summary Report, December 2015 – December 2017* – June 22, 2018 (Leidos, 2018).

4.1.1.4 SRI Phase 1 – Summary of Major Findings and Recommendations

- Results of the Tier 2 VI assessment indicated that concentrations of petroleum constituents present in soil vapor beneath the buildings sampled were not high enough to result in a complete vapor intrusion exposure pathway.
- Results of the LNAPL baildown testing performed suggested that LNAPL recovery may be possible in the vicinity of monitoring well MW-10; however, results for the other wells tested suggested that LNAPL transmissivity in the vicinity of these locations may be too low for LNAPL recovery to be practicable. Leidos recommended additional baildown testing be performed to further evaluate LNAPL recoverability at the Site.

⁴ These tasks were completed prior to the execution of the 2014 Agreed Order.

- Results of groundwater sampling performed to evaluate natural attenuation indicator parameters showed that anaerobic geochemical processes are occurring in groundwater at the Site, which will contribute to natural biodegradation of dissolved-phase petroleum constituents in groundwater. Following completion of this work, the groundwater sampling frequency was reduced from a quarterly to a semiannual basis and groundwater sample analysis for natural attenuation parameters was discontinued.

4.1.2 SRI Phase 2 (2016-2017)

4.1.2.1 SRI Phase 2 – Objectives/Scope of Work Performed

- Performance of a preliminary investigation to address LNAPL data gaps, including additional delineation of the vertical extent of LNAPL in areas where LNAPL is known to be present, and determination of representative LNAPL saturation values.
 - Used laser-induced fluorescence (LIF) technology to delineate the vertical extent of LNAPL at six boring locations (LIFB-1 through LIFB-6) where LNAPL was known to be present (SRI Phase 2 investigation locations are shown on Figure 5).
 - Collected soil core samples from three locations (SCB-1 through SCB-3), which were submitted for digital imaging analysis using ultraviolet light, LNAPL mobility testing, and laboratory analysis for petroleum constituents. Borings SCB-1 through SCB-3 were respectively paired with LIF borings LIFB-1 through LIFB-3 to facilitate a comparison of results from each of these LNAPL investigation technologies.
- Installation of new monitoring wells to further evaluate the extent of the shallow perched water-bearing zone at the Site, and its relationship to Lake Chelan.
 - Installed two new monitoring wells (MW-38 and MW-39). A third proposed monitoring well (MW-40) could not be installed during this phase of the SRI due to property access issues. However, this monitoring well was later completed in association with SRI Phase 4 in November 2018 (see Section 4.1.4).
- Collection of shallow soil samples to evaluate current concentrations of selected gasoline constituents in soil in the vicinity of monitoring well MW-5.
 - Completed two shallow soil borings (SSB-1 and SSB-2).

4.1.2.2 SRI Phase 2 – Timeframe of Major Activities

- October 5, 2016 - Submittal of draft *Supplemental Site Assessment Work Plan – Phase 2* to Ecology.
- October 21, 2016 - Submittal of final *Supplemental Site Assessment Work Plan – Phase 2* to Ecology.
- October 20 to November 15, 2016 – SRI Phase 2 field activities.

4.1.2.3 SRI Phase 2 – Associated Summary Reports

- *Agency Review Draft, Supplemental Remedial Investigation Report – Phase 2*, May 31, 2017 (Leidos, 2017).

4.1.2.4 SRI Phase 2 – Summary of Major Findings and Recommendations

- Results of soil sampling in the vicinity of monitoring well MW-21 provided further support of a discrete gasoline source in this area that was not associated with releases from the Chelan Chevron service station.
- Results of the preliminary LNAPL investigation suggested that the presence of LNAPL at the Site may not be as extensive, both vertically and laterally, as previously believed.
- Groundwater gauging data from new wells MW-38 and MW-39 provided additional evidence that the shallow perched water-bearing zone is not present in the southern portion of the Site.
- Results of the shallow soil sampling investigation indicated that benzene is no longer present above Washington’s MTCA Method A cleanup level (0.03 milligrams per kilogram [mg/kg]) in soil shallower than 15 feet below ground surface (bgs) in the vicinity of monitoring well MW-5.

4.1.3 SRI Phase 3 (2017-2020)

4.1.3.1 SRI Phase 3 – Objectives/Scope of Work Performed

- To expand upon previous work performed to address data gaps regarding the presence of petroleum hydrocarbon contamination and LNAPL at the Site.
- LNAPL baildown testing was performed to collect additional data regarding LNAPL transmissivity at the Site.
 - The SRI Phase 3 transmissivity testing was performed to build upon the data collected during earlier transmissivity testing performed during SRI Phase 1. This testing was also proposed in response to changes in LNAPL occurrence that were observed at the Site beginning around March of 2016. The SRI Phase 3 transmissivity testing included two rounds of baildown testing, and also included redevelopment of the test wells to assess whether LNAPL transmissivity might increase after redevelopment (SRI Phase 3 investigation locations are shown on Figure 6).
- A non-intrusive geophysical survey was conducted to investigate the potential for one or more orphaned USTs or other fueling station infrastructure to be present in the vicinity of monitoring well MW-21.

4.1.3.2 SRI Phase 3 – Timeframe of Major Activities

- October 18, 2017 – Submittal of draft *Supplemental Site Assessment Work Plan – Phase 3 to Ecology*.
- November 18 to 22, 2017 – First round of SRI Phase 3 baildown testing at six monitoring well locations (MW-9, MW-10, MW-12, MW-16, MW-21, and MW-27).
- April 26 to 28, 2018 – Redevelopment of the six transmissivity test wells and performance of the non-intrusive geophysical survey near monitoring well MW-21.
- March 26 to 29, 2019 – Second round of SRI Phase 3 baildown testing.

4.1.3.3 SRI Phase 3 – Associated Summary Reports

- *Agency Review Draft, Supplemental Remedial Investigation Report – Phase 3*, August 17, 2020 (Leidos, 2020).

4.1.3.4 SRI Phase 3 – Summary of Major Findings and Recommendations

- Results of the SRI Phase 3 LNAPL baildown testing were beneficial in furthering our understanding regarding the temporal variability of LNAPL transmissivity in response to changes in environmental conditions, such as groundwater elevation, and how these temporal changes have affected LNAPL occurrence differently in different areas of the Site. These results also suggested that LNAPL transmissivity conditions at the Site are at or near the point of impracticability for recovery by hydraulic or pneumatic recovery systems.
- The non-intrusive geophysical survey was successful in identifying subsurface anomalies in the vicinity of monitoring well MW-21 that were later confirmed to be abandoned USTs. Based on these findings, Leidos recommended that non-intrusive surveying technologies be considered for further investigation at the Site to identify other former service station infrastructure, or other USTs such as heating oil tanks, that may be contributing petroleum hydrocarbon impacts to the Site.

4.1.4 SRI Phase 4 (2018-2019)

4.1.4.1 SRI Phase 4 – Objectives/Scope of Work Performed

- Investigation of suspected abandoned USTs identified beneath the sidewalk immediately south of the property at 141 E. Woodin Avenue (SRI Phase 4 investigation locations are shown on Figures 7A and 7B).
 - Confirmed the presence of four abandoned USTs underlying the sidewalk and landscape planter in this area and collected shallow soil samples from six hand-auger boring locations in this area. A sample of liquid present in one of the USTs was also collected and submitted for laboratory analysis (see Section 4.3.5.1 for additional details).
- Performance of a geophysical survey and soil sampling investigation to evaluate the potential for additional petroleum contamination sources in the vicinity of monitoring well MW-17.
 - Using ground penetrating radar, identified three or possibly four discrete subsurface anomalies on the property at 221 E. Woodin Avenue that were interpreted as likely being USTs.
 - Additional work performed to investigate additional petroleum sources in the vicinity of monitoring well MW-17 included completion of nine soil borings (UST-2, UST-3, and SRI4B-1 through SRI4B-7), three of which were completed as 2-inch diameter monitoring wells (MW-44 through MW-46).
- Installation of additional monitoring wells to further delineate the presence of the shallow perched water-bearing zone in the southwest portion of the Site and to delineate the extent of petroleum impacted soil and groundwater to the east of the Site, east of Sanders Street.
 - Installed monitoring well MW-40 near Chelan River Walk Park to collect additional data regarding hydraulic connectivity between the shallow perched water-bearing zone and Lake Chelan in the southwestern portion of the Site.
 - Installed monitoring wells MW-41 through MW-43 to the east of Sanders Street.

- Soil sampling in the vicinity of the Wells Fargo Bank property (222 E. Woodin Avenue) to further delineate the lateral and vertical extents of petroleum impacts and LNAPL to the west of the Chelan Chevron service station property.
 - Collected soil samples from four soil boring locations RWB-1 through RWB-4 and installed three 4-inch diameter monitoring wells (RW-1 through RW-3).

4.1.4.2 SRI Phase 4 – Timeframe of Major Activities

- September 17, 2018 – Submittal of draft *Supplemental Site Assessment Work Plan – Phase 4* to Ecology.
- October 22, 2018 – Submittal of final *Supplemental Site Assessment Work Plan – Phase 4* to Ecology.
- October 22 to November 17, 2018 – SRI Phase 4 field activities.

4.1.4.3 SRI Phase 4 – Associated Summary Reports

- *Agency Review Draft, Supplemental Remedial Investigation Report – Phase 4*, July 8, 2019 (Leidos, 2019).

4.1.4.4 SRI Phase 4 – Summary of Major Findings and Recommendations

- Confirmed the presence of four abandoned USTs beneath the sidewalk and landscape planter area immediately south of the property at 141 E. Woodin Avenue. However, although the liquid contents of one of these USTs was sampled, a data gap still exists regarding the contents of the three other abandoned USTs in this area.
- Identified multiple suspected abandoned USTs in the parking lot of the property at 221 E. Woodin Avenue.
- Collectively, soil sampling results from soil borings SRI4B-1 through SRI4B-7 and RWB-1 through RWB-4 provided new insight regarding our understanding of petroleum impacts along the 200 block of E. Woodin Avenue. Although not conclusive at the time, these results suggested that former service station operations at the 221 E. Woodin Avenue property could be an equivalent or even greater source of petroleum impacts to the Site than past releases from the Chelan Chevron service station, which was previously believed to be the primary petroleum source for the Site.

4.1.5 SRI Phase 5 (2020-2023)

4.1.5.1 SRI Phase 5 – Objectives/Scope of Work Performed

- Conduct shallow soil boring and sampling activities in three suspected petroleum source areas.
 - Completed five soil borings (SRI5-1 through SRI5-3, SRI5-10, and SRI5-11) in the area of the abandoned USTs present near 141 E. Woodin Avenue (SRI Phase 5 investigation locations are shown on Figure 8).
 - Confirmed the presence of three abandoned USTs on the property at 221 E. Woodin Avenue and collected samples from inside two of these three USTs. Completed three soils borings (SRI5-4 through SRI5-6) adjacent to this UST basin.

- Completed three soil borings (SRI5-7 through SRI5-9) to further delineate the lateral and vertical extents of diesel-range petroleum impacts in the vicinity of monitoring well MW-27.
- Conduct additional VI assessment to evaluate soil vapor conditions in the vicinity of shallow soil impacts known to be present in the vicinity of monitoring wells MW-21 and MW-44.
 - Installed and collected shallow soil vapor samples from soil vapor sampling probes SVP-1 and SVP-2.
- Conduct a groundwater elevation study using data-logging pressure transducers to collect a higher resolution data set more conducive to evaluating the relationship between lake level fluctuations and potentiometric surfaces in the water-bearing zones.
 - Collected groundwater elevation data for an approximate 15-month period from eight monitoring wells at the Site (MW-15, MW-17, MW-19, MW-23, MW-30, MW-37, MW-39, and MW-40).
- Conduct a comprehensive evaluation of LNAPL types present at the Site.
 - LNAPL samples collected from nine monitoring wells at the Site were submitted for analysis for forensics properties, physical properties, and UVOST fluorescence response.
- Conduct additional LNAPL delineation using Dakota Technologies' Ultra-Violet Optical Screening Tool and hydraulic profiling (UVOST-HP) tool.
 - Completed six UVOST-HP borings (UHP-1 through UHP-6).

4.1.5.2 SRI Phase 5 – Timeframe of Major Activities

- June 16, 2013 – Submittal to Ecology of final *Supplemental Site Assessment Workplan – Phase 5* by Arcadis.
- September 24, 2020 – Submittal to Ecology of final *Supplemental Remedial Investigation Work Plan – Phase 5 Addendum 1* by Leidos.
- October 25, 2020 – Utility locate and geophysical survey.
- November 3-12, 2020 – Soil boring and sampling activities, including preparation of UVOST-HP boring locations and installation of soil vapor sampling probes SVP-1 and SVP-2.
- November 4-13, 2020 – Setup and deployment of datalogging pressure transducers.
- December 6-8, 2020 – LNAPL sample collection field activities.
- December 17-18, 2020 – Completion of UVOST-HP boring field data collection activities by Dakota Technologies.
- April 16, 2021 – Soil vapor sample collection from soil vapor sampling probes SVP-1 and SVP-2.
- March 9-10, 2022 – Final data retrieval and removal of groundwater elevation data loggers.

4.1.5.3 SRI Phase 5 – Associated Summary Reports

- *Agency Review Draft, Supplemental Remedial Investigation Report – Phase 5*, April 27, 2021 (Leidos, 2021a).
- *SRI Phase 5 Soil Vapor Investigation Summary Report*, November 8, 2021 (Leidos, 2021c).

- *SRI Phase 5 Groundwater Elevation Study Summary Report*, May 26, 2023 (Leidos, 2023).

4.1.5.4 SRI Phase 5 – Summary of Major Findings and Recommendations

- Confirmed that the Site was impacted by at least four discrete petroleum sources.
- LNAPL forensics results provided additional evidence indicating that the western portion of the Site has been impacted by a still unidentified source of diesel-range petroleum product.
- Results of the UVOST-HP investigation were consistent with results of the 2016 SRI Phase 2 UVOST and soil core sampling/analysis investigations, which collectively indicate that significant intervals of LNAPL saturated soil are generally not present in the areas in proximity to monitoring wells containing measurable LNAPL.
- Results of the SRI Phase 5 VI assessment were consistent with the results of previous petroleum VI investigation work performed at the Site, which indicate that petroleum VI is not an exposure pathway of concern for the Site.
- Results of the groundwater elevation study were consistent with previous hydrogeologic assessments for the Site, which indicate that Site groundwater does not affect or reach Lake Chelan.

4.1.6 Groundwater Monitoring

Current records indicate that groundwater and LNAPL monitoring activities have been performed at the Site on a generally continuous basis since 1992. However, additional groundwater monitoring data collected in association with the SRI have been instrumental in furthering our understanding of hydrogeologic conditions and relationships at the Site. Groundwater monitoring results are presented in Section 4.3.2 and further discussed in Section 5.5.2.

4.1.6.1 Groundwater Monitoring – Objectives

- Collect dissolved-phase contaminant concentration and LNAPL occurrence/thickness data to evaluate potential groundwater quality improvements due to natural attenuation, and/or identify potential new releases.
- Collect data to evaluate groundwater elevation trends and their potential relationships to dissolved-phase contaminant concentrations, LNAPL occurrence/thickness, and hydraulic connectivity to Lake Chelan.

4.1.6.2 Groundwater Monitoring – Timeframe of Major Activities

- June 2015 – Implemented increased groundwater sampling frequency change from annually to quarterly, began analysis of select samples for additional natural attenuation indicator parameters (dissolved manganese, methane, and alkalinity), and began analysis by Ecology Method NWTPH-Dx (DRO+HRO) both with and without silica-gel cleanup.
- June 2018 – Reduced the groundwater sampling frequency from a quarterly to semiannual basis and suspended sample analysis for natural attenuation indicator parameters (Leidos, 2018).
- March 2022 – Modified the groundwater sample collection method to utilize a no-purge sample collection method (HydraSleeve Speedbag™ grab samplers), instead of collecting

samples by low-flow sampling procedures using a bladder pump, eliminated use of silica-gel cleanup for samples submitted for Ecology Method NWTPH-Dx (DRO+HRO) analysis, and added laboratory analysis for tetrachloroethylene (PCE) and its daughter products, trichloroethylene (TCE) and vinyl chloride, for select monitoring wells (MW-17, MW-46, and RW-1) downgradient of the 221 E. Woodin Avenue property.

4.1.6.3 Groundwater Monitoring – Associated Summary Reports

- *Agency Review Draft, Supplemental Remedial Investigation Report – Phase 1*, December 14, 2015 (Leidos, 2015).
- *Groundwater Monitoring Summary Report, December 2015 – December 2017*, June 22, 2018 (Leidos, 2018).
- *2018 Groundwater Monitoring Summary Report*, July 8, 2020 (Arcadis, 2020a).
- *2019 Groundwater Monitoring Summary Report*, July 8, 2020 (Arcadis, 2020b).
- *2020 Groundwater Monitoring Summary Report*, August 27, 2021 (Leidos, 2021b).
- *2022 Groundwater Monitoring Summary Report*, April 11, 2023 (Leidos, 2023a).
- *2023 Groundwater Monitoring Summary Report*, January 23, 2025 (Leidos, 2025).

4.1.6.4 Groundwater Monitoring – Summary of Major Findings and Recommendations

Groundwater monitoring data collected in association with the SRI has improved our understanding of longer-term groundwater elevation trends, and their impacts on groundwater quality, as well as the relationship between groundwater in the shallow perched water-bearing zone and deeper water-table aquifer and Lake Chelan.

Groundwater monitoring results are presented in Section 4.3.2, which includes further discussion of sampling results for natural attenuation indicator parameters (Section 4.3.2.2).

4.2 OTHER RECENT INVESTIGATION ACTIVITIES

Beginning in 2022, additional investigation activities were completed at and in the vicinity of the Site that were not planned or implemented as part of the SRI. However, these investigation activities have provided valuable data that has furthered our understanding of petroleum impacts at and near the Site. Therefore, these data have also been incorporated into the updated CSM presented in Section 5. The following subsections provide summaries of these additional investigation activities.

4.2.1 City of Chelan Columbia to Sanders Water and Sewer Main Replacement Project

Between February and May of 2022, the City of Chelan completed a project to replace water supply and sanitary sewer main lines, and to install storm sewer infrastructure along the two-block section of the alley north of E. Woodin Avenue, between Columbia Street and Sanders Street. The approximate boundaries of the project area and Chelan Chevron Site are shown in Figure 9. The project included soil excavation to maximum depths of approximately 14 feet bgs in association with replacement of the sanitary sewer main line. Due to the potential for the City's contractor (KRCI) to encounter petroleum impacted soil related to the Site, RELLC engaged the City and worked cooperatively with Chelan Public Works and KRCI to develop a soil management plan for the project. Leidos observed and collected soil samples in association with portions of this work.

During implementation of the City's project, KRCI encountered 10 USTs in the alley, most of which appeared to have been previously abandoned. Soil sampling conducted in association with this work identified four UST locations with petroleum impacts to soil exceeding MTCA Method A cleanup levels. Additional discussion of the results of soil sampling conducted by Leidos in association with the City's utility project are presented in Section 4.3.1.6 and additional details can be found in the Leidos summary report associated with this work (Leidos, 2022).

4.2.2 Abandoned UST Closure and Enhanced Natural Attenuation Treatability Study

By email dated September 1, 2021, Ecology proposed conducting an interim action to address the three abandoned USTs identified on the property at 221 E. Woodin Avenue during Phase 5 of the SRI. Leidos evaluated the feasibility of conducting this work, including the possibility of performing over-excavation to partially remove petroleum source mass in conjunction with closure of the USTs. However, over-excavation did not appear to be effective due to technical and logistical constraints such as the depth of contamination, shoring needs, and limited available space to implement the project. Therefore, the scope of work was modified to include regulatory closure of the three abandoned USTs and performance of a treatability study to evaluate the effectiveness of using oxygen emitting equipment to enhance naturally occurring biodegradation processes of petroleum hydrocarbons in groundwater.

Regulatory closure of the three abandoned USTs was completed between March 8 through 10, 2024 by Spokane Environmental Services (SES), under contract with Leidos (SES, 2024). Following this work, between March 21 and 24, and April 5 and 9, 2024, Leidos completed 12 soil borings as 4-inch diameter wells (OE-1 through OE-12) for installation of the oxygen emitting equipment. The locations of the of the USTs and oxygen emitter wells are shown on Figure 10 and boring logs are included in Appendix B. Nineteen soil samples were collected and submitted for laboratory analysis in association with installation of the oxygen emitter wells, and groundwater samples were collected from these wells in May and November 2024. Soil and groundwater sampling results from this work are presented in Sections 4.3.1.7 and 4.3.2.3, respectively.

In association with the utility locate survey performed for this work, on March 8, 2024, a geophysical investigation was performed in the right-of-way to the south of the property at 125 E. Woodin Avenue. This activity identified a suspected abandoned UST at this location. The results of this activity are further discussed in Section 4.3.5.3, and the geophysical investigation report documenting this work is included in Appendix C.

4.3 RESULTS OF THE SRI AND OTHER RECENT INVESTIGATION ACTIVITIES

4.3.1 Soil Sampling Results

This section provides a summary of soil sampling results from each phase of the SRI and other recent investigation activities. A comprehensive discussion of petroleum impacts to soil at the Site is presented as part of the updated CSM in Section 5.6.1.

4.3.1.1 SRI Phase 1 Soil Sampling Results

No soil samples were collected in association with SRI Phase 1.

4.3.1.2 SRI Phase 2 Soil Sampling Results

The following soil samples were collected and analyzed as part of the SRI Phase 2 field activities:

- Thirty-two soil samples were analyzed in association with the LIF and soil core portion of the investigation.
- Five soil samples were analyzed in association with the installation of monitoring wells MW-38 and MW-39.
- Four soil samples were analyzed in association with the supplemental shallow soil sampling investigation performed in the vicinity of monitoring well MW-5.

The results of the SRI Phase 2 soil sampling activities are presented in Table 1. Additional details regarding this work can be found in the SRI Phase 2 summary report (Leidos, 2017).

4.3.1.3 SRI Phase 3 Soil Sampling Results

No soil samples were collected in association with SRI Phase 3.

4.3.1.4 SRI Phase 4 Soil Sampling Results

The following soil samples were collected and analyzed as part of the SRI Phase 4 field activities:

- Six soil samples were analyzed from shallow soil borings advanced near the abandoned USTs beneath the sidewalk south of the property at 141 E. Woodin Avenue.
- Two soil samples were analyzed from shallow soil borings advanced south of the abandoned service station USTs on the property at 221 E. Woodin Avenue.
- Sixteen soil samples were analyzed in association with the installation of monitoring wells MW-40 through MW-43.
- Twenty-seven soil samples were analyzed in association with the LNAPL delineation investigation near monitoring well MW-10, which included the installation of monitoring wells RW-1 through RW-4 and soil boring RWB-4.
- Fifty soil samples were analyzed in association with the petroleum source investigation near monitoring well MW-17, which included soil borings SRI4B-1 through SRI4B-7 and associated monitoring wells MW-44 through MW-46.

The results of the SRI Phase 4 soil sampling activities are presented in Table 2. Additional details regarding this work can be found in the SRI Phase 4 summary report (Leidos, 2019).

4.3.1.5 SRI Phase 5 Soil Sampling Results

The following soil samples were collected and analyzed as part of the SRI Phase 5 field activities:

- Fourteen soil samples were analyzed from three soil borings (SRI5-4 through SRI5-6) advanced for the shallow soil investigation at 221 E. Woodin Avenue.
- Twenty-three soil samples were analyzed from five soil borings (SRI5-1 through SRI5-3, SRI5-10, and SRI5-11) advanced for the shallow soil investigation adjacent to 141 E. Woodin Avenue.
- Nine soil samples were analyzed from three soil borings (SRI5-7 through SRI5-9) advanced for the shallow soil investigation at 136 E. Johnson Avenue.

- One soil sample was analyzed of residue solids collected from the bottom of an abandoned UST on the 221 E. Woodin Avenue property (sample ID: 221EW-UST2-S-201108).
- Two soil samples were analyzed from two borings advanced for the construction of soil vapor sampling probes SVP-1 and SVP-2.
- Thirteen soil samples were analyzed from six borings (UHP-1 through UHP-6) advanced for the UVOST-HP investigation.

The results of the SRI Phase 5 soil sampling activities are presented in Table 3. Additional details regarding this work can be found in the SRI Phase 5 summary report (Leidos, 2021a).

4.3.1.6 City of Chelan Columbia to Sanders Water and Sewer Main Replacement Project Soil Sampling Results

Leidos collected and analyzed 36 soil samples during observation of excavation activities performed for the City of Chelan's Columbia to Sanders Water and Sewer Main Replacement Project. Laboratory analytical results for these samples are summarized in Table 4 and are also presented in Figures 11A and 11B.

Leidos field observations and soil sampling results associated with this work were somewhat surprising because they indicated that petroleum impacted soil exceeding MTCA Method A cleanup levels was identified only in association with four of the ten USTs that we encountered during this work. Based on the historical presence of LNAPL at monitoring well MW-27, and SRI Phase 5 soil sampling results for soil borings SRI5-8 and SRI5-9, Leidos expected that the City's project was likely to encounter petroleum impacted soil within the alley to the south of the property at 136 E. Johnson Avenue. However, soil samples collected within this vicinity to depths of up to approximately 14 feet bgs contained non-detect or low-levels of petroleum-range hydrocarbons. It is possible that soil containing higher levels of petroleum impact may have been encountered if the City's project had required excavation to depths of 15 feet bgs or more, as would be suggested by the SRI Phase 5 soil sampling results for soil borings SRI5-8 and SRI5-9. However, these results do suggest the possibility that future utility upgrades, or similar projects, performed in the vicinity of the Site may be completed without encountering petroleum impacts originating from the Site. The results of this work have been incorporated into the current CSM.

Additional details regarding this project can be found in the Leidos summary report documenting this work (Leidos, 2022).

4.3.1.7 Oxygen Emitter Well Installation Soil Sampling Results

Leidos collected and analyzed 19 soil samples in association with the installation of twelve 4-inch diameter wells (OE-1 through OE-12) that were completed in April 2024 for the oxygen emitter system treatability study. Boring logs for these wells are presented in Appendix B, and the laboratory analytical report for these samples (sample delivery group L1724133) is included in Appendix D.

The data provided by these soil sampling results are significant due to the laterally oriented spatial density provided by these 12 well locations, which are spaced roughly equivalently, along a transect of approximately 120 linear feet. A similar density of sampling data has not been previously collected at the Site.

Select soil and groundwater monitoring data collected from these well locations are also presented in Table 5. This table has been organized to present the data for the selected constituents GRO, DRO, and benzene in a manner that approximates a west-to-east transect through the well network, with well OE-1 representing the westernmost well and well OE-12 representing the easternmost well (the actual locations of these wells are shown on Figure 10). Soil field screening measurements, collected using a photo-ionization detector (PID), are also presented.

As might be expected, high levels of petroleum impact were detected in soil and groundwater samples collected from the western OE wells (OE-1 through OE-6). These wells are located in closest proximity to the abandoned USTs that were closed at the Site in March 2024 (Figure 10). Soil samples collected from each of the five borings sampled in this area contained GRO at concentrations exceeding 7,000 mg/kg. These results correlated well with high PID field screening measurements. LNAPL was detected in three of these six wells (OE-2 through OE-4) and the other three wells contained dissolved-phase petroleum impacts exceeding MTCA Method A cleanup levels.

To the east, in well OE-7, significantly reduced impacts to soil were indicated by PID and soil sampling laboratory results, and groundwater sampling results indicate that groundwater at this location is in compliance with MTCA Method A cleanup levels. Further east, at wells OE-8 through OE-10, PID field screening results indicated no evidence of high-level petroleum impacts to soil, and soil sampling results indicated compliance with MTCA Method A soil cleanup levels. Groundwater sampling results from these wells have also indicated compliance with MTCA Method A groundwater cleanup levels.

However, still further to the east, indicators of petroleum impact exceeding MTCA Method A cleanup levels were present in soil sampling results for well OE-12, and in groundwater sampling results for wells OE-11 and OE-12. Although these data are not entirely conclusive, the spatial density of this data, which is also supported by less spatially-variable groundwater monitoring results, suggest that the eastern portion of the 221 E. Woodin Avenue property may be impacted by another yet unidentified source that is not associated with the UST basin that was decommissioned on this property in March 2024. These data also suggest that petroleum impacts to soil and groundwater at the Site may be more locally constrained than previously believed.

4.3.2 Groundwater Monitoring Results

4.3.2.1 Routine Groundwater Monitoring Results

As discussed in Section 4.1.6, groundwater monitoring has been performed at the Site since 1992 and has continued through the SRI. Table 6 presents a summary of routine groundwater monitoring results, including groundwater elevation, LNAPL thickness, and dissolved-phase

petroleum constituent concentrations through November 2023.⁵ LNAPL gauging and groundwater sampling results for monitoring events conducted in 2023 are also shown on Figure 12 and groundwater elevation contour maps for the monitoring events performed in May 2023 and November 2023 are included as Figures 13 and 14. Further discussion of these results is incorporated into the summary of the current CSM, which is presented in Section 5.

Additional information pertaining to groundwater elevation monitoring at the Site is presented in the SRI Phase 5 Groundwater Elevation Study Summary Report (Leidos, 2023b).

4.3.2.2 Natural Attenuation Assessment Monitoring Results

As discussed in Section 4.1.1, SRI Phase 1 included monitoring of additional groundwater parameters (alkalinity, nitrate, ferrous iron, and methane) to evaluate the feasibility of using monitored natural attenuation as a remedial action component at the Site. The results of this work, which are presented and discussed in the *Groundwater Monitoring Summary Report, December 2015 – December 2017* (Leidos, 2018) indicate that anaerobic geochemical processes including nitrate reduction, ferric iron reduction, and methanogenesis appear to be occurring in source-area monitoring wells. Additional discussion of these results is presented in Section 5.5.2.

4.3.2.3 Recent Groundwater Sampling Results from Oxygen Emitter System Wells

As discussed in Section 4.3.1.7, recent work at the Site has included the installation of twelve 4-inch diameter wells (OE-1 through OE-12) as injection points for the oxygen emitter treatability study. Each of these wells were constructed the same, with screen intervals from 20 to 40 feet bgs, entirely within lithologic unit B. Groundwater samples were collected from these wells in May 2024 to establish a contaminant concentration baseline for evaluation of system performance. The wells were sampled again in November 2024 to evaluate performance of the system following approximately four months of operation. Selected results from these sampling events are presented in Table 5, and a discussion of these results is included in the previous discussion of soil sampling results for these wells presented in Section 4.3.1.7.

4.3.3 LNAPL Assessment

4.3.3.1 LNAPL Delineation

The SRI included the following investigation activities to further define the lateral and/or vertical extents of LNAPL at the Site:

- SRI Phase 2 – LIF technology and collection and analysis of soil core samples was used to further delineate the vertical extent of LNAPL in areas where LNAPL was known to be present, and to determine representative values of LNAPL saturation in those areas

⁵ To date, no conclusions have been drawn regarding the results of DRO and HRO analyses completed from June 2015 through December 2020 that were performed both with and without silica-gel cleanup. However, these data suggest that DRO and/or HRO detections at some well locations may instead be the result of GRO degradation products detected and quantified by the NWTPH-Dx analytical method. These data may be useful to support future decision making regarding the analytical methods that should be used to assess compliance with groundwater cleanup levels for DRO/HRO at the Site.

(Leidos, 2017). The results of LNAPL soil pore fluid saturation analysis performed on selected soil samples are included in Table 1. These results indicated a maximum initial LNAPL pore saturation value of 8.17%. Initial and final LNAPL pore saturation values were unchanged for nine of the ten samples analyzed after spinning the samples in a centrifuge for one hour at a relative centrifugal force of 1,000 times gravity. These results indicate that the LNAPL in these samples was present at concentrations below residual saturation levels.

- SRI Phase 4 – Four soil borings (RWB-1 through RWB-4) were completed in the vicinity of the Wells Fargo Bank property (222 E. Woodin Avenue) to further delineate the lateral and vertical extents of LNAPL to the west of the Chelan Chevron service station property, and in the vicinity of monitoring wells MW-9 and MW-10. Additional LNAPL delineation data was also provided by SRI Phase 4 borings SRI4B-1 through SRI4B-7 (Leidos, 2019).
- SRI Phase 5 – UVOST-HP technology was used at six boring locations, UHP-1 through UHP-6 (Leidos, 2021a).

Results of the SRI LNAPL delineation activities indicate that LNAPL saturation values in soils proximate to monitoring wells containing measurable LNAPL are generally significantly less than previously concluded in the 2006 RI/FS Report. Additional discussion regarding LNAPL distribution at the Site is included in the LNAPL CSM, which is presented in Section 5.4.

4.3.3.2 LNAPL Transmissivity

LNAPL transmissivity describes the capacity of the materials and conditions present in an aquifer to transmit a specific LNAPL type. In the simplest terms, it quantifies the rate that LNAPL can be pumped from a well. LNAPL transmissivity is not an intrinsic property of the aquifer materials alone, it is also dependent on multiphase (LNAPL, groundwater, and soil gas) conditions in the subsurface and the specific physical properties of the LNAPL (ITRC, 2018). It is currently considered the preferred metric to assess LNAPL recoverability, as it exhibits a directly proportional relationship to LNAPL recoverability, whereas other metrics, such as apparent LNAPL thickness gauged in wells, do not exhibit consistent relationships to recoverability.

Use of an LNAPL transmissivity recovery metric between the range of 0.1 to 0.8 square feet per day (ft²/day) has been cited in LNAPL guidance prepared by the Interstate Technology Regulatory Council (ITRC, 2018). LNAPL transmissivity values falling within this range are indicative of site conditions where LNAPL recovery is at or approaching levels of impracticability using standard hydraulic recovery methods.

In order to assess LNAPL recoverability at the Site, the SRI included the following investigation activities:

- SRI Phase 1 – LNAPL baildown testing was performed at monitoring wells MW-10, MW-12, and MW-16 and the data collected were analyzed using the American Petroleum Institute (API) LNAPL Transmissivity Workbook and user guide (API, 2012). Results of the MW-12 baildown test were atypical; therefore, LNAPL transmissivity could not be quantified for this test. The maximum LNAPL transmissivity values calculated for MW-10 and MW-16, were 0.90 ft²/day and 0.06 ft²/day, respectively.

- SRI Phase 3 – Two rounds of LNAPL baildown testing (November 2017 and March 2019) were performed at six monitoring well locations (MW-9, MW-10, MW-12, MW-16, MW-21, and MW-27). This work also included a round of well redevelopment that was performed between the baildown test events, in April 2018. The objective of the well redevelopment activities was to assess whether well redevelopment might increase LNAPL transmissivity at the test locations by improving hydraulic communication with the surrounding formation.

Results of LNAPL baildown testing conducted for the SRI suggest that LNAPL is present at the Site under conditions at or near the point of impracticability for recovery by systems relying upon gravity drainage of LNAPL from the subsurface matrix⁶. These results have also highlighted the temporal variability of LNAPL transmissivity at the Site in response to changes in environmental conditions, such as groundwater elevation. Additional details regarding the methodology and results of LNAPL transmissivity testing performed for the SRI can be found in the SRI Phase 1 summary report (Leidos, 2015) and SRI Phase 3 summary report (Leidos, 2020). Further discussion of these results is also included in the LNAPL CSM, which is presented in Section 5.4 of this report.

4.3.3.3 LNAPL Forensics and Physical Properties Analyses

LNAPL forensics and physical properties analyses were performed in association with SRI Phase 5 in 2020 and previously reported by Leidos (Leidos, 2021a). This work included forensics analyses on LNAPL samples collected from nine monitoring wells at the Site (MW-9, MW-10, MW-12, MW-16, MW-19, MW-21, MW-27, MW-44, and RW-2). Results of the forensics analyses were consistent with historical data for the Site, which indicate that the Site has been impacted predominantly by releases of leaded gasoline in the eastern portion of the Site (east of Emerson Street) and that both gasoline and diesel-range impacts are present in the area west of Emerson Street (in the area currently defined by monitoring wells MW-19, MW-22, and MW-27).

The results of LNAPL forensics and physical properties analyses have not been included in this report. Therefore, the reader should consult the SRI Phase 5 summary report (Leidos, 2021a) for further details regarding this work. Further discussion of these results is also included in the LNAPL CSM, which is presented in Section 5.4 of this report.

4.3.4 Vapor Intrusion Assessment Results

The SRI included several phases of VI assessment to build upon previous VI assessment work presented in the 2006 RI/FS. The SRI VI assessment work included:

- A Tier 2 VI assessment was completed in 2016 as part of SRI Phase 1. This work was documented in previous reports (Leidos, 2015 and 2016) and the results are summarized in Table 7 of this report.
- Additional Tier 1 VI assessment work was completed at two locations along the north side of E. Woodin Avenue in 2021, in association with SRI Phase 5. This work was

⁶ LNAPL recovery may be enhanced by applying vacuum to recovery wells, or by changing the physical or chemical properties of the LNAPL by thermal means or the use of surfactants.

documented by Leidos in 2021 (Leidos, 2021c) and the results are summarized in Table 8 of this report.

Based on the results of the VI assessment work performed at the Site to date, Leidos believes that petroleum vapor intrusion is not an exposure pathway of concern for the Site and that further assessment of petroleum VI is not warranted. Additional discussion regarding VI assessment results is presented in Section 5.5.3.

4.3.5 Identification of Abandoned USTs

This section provides a summary of the abandoned or undocumented USTs that have been identified at or near the Site in association with the SRI and other recent investigation activities.

4.3.5.1 141 E. Woodin Avenue

On April 27, 2018, three anomalies characteristic of USTs were delineated with ground penetrating radar beneath the sidewalk south of the property at 141 E. Woodin Avenue. During SRI Phase 4 field activities conducted in October and November 2018, air-knife excavation equipment was used to confirm the presence of three abandoned USTs at these locations. A fourth abandoned UST, not previously identified by the ground penetrating radar survey, was also discovered during soil sampling in this area (see Figure 7B). These USTs appear to be associated with the Chelan Motor Company gasoline service station that operated formerly on the southern portion of the property beginning in 1927⁷ (see Section 2.5.3).

During the SRI Phase 4 activities, one of the USTs, which was heavily corroded, was unintentionally pierced by the air-knife's high-pressure air wand through the top of the tank. A grab sample of the liquid contents from inside the tank was then collected and submitted for laboratory analysis. GRO, DRO, and HRO were detected in the liquid sample at concentrations less than MTCA Method A groundwater cleanup levels. However, the sample contained lead at a concentration of 347 micrograms per liter (µg/L), which exceeds the Method A cleanup level of 15 µg/L (Leidos, 2019). The contents of the other three USTs remaining at this location have not been determined to date. Therefore, future work will be required in this area to evaluate their potential for further releases of legacy petroleum product residuals.

Soil sampling results from the Phase 5 of the SRI have confirmed significant petroleum impacts to soil in the vicinity of these USTs beginning at depths of approximately 10 to 15 feet bgs (see Table 3, results for soil borings SRI5-1 through SRI5-3, SRI5-10, and SRI5-11) which corresponds with the soil transition from probable alluvial deposits and fill material to finer grained lacustrine (lake-formed) deposits, including varying amounts of clay.

⁷ City Council documents from 1943 and 1944 indicate that the station manager requested permission from the City to remove the existing USTs and to replace them with a single 7,000-gallon UST under the sidewalk and street in front of the garage. However, this request was rejected due to the location on City right-of-way. Therefore, presumably, those older smaller USTs are still the tanks currently in-place.

4.3.5.2 221 E. Woodin Avenue

As previously discussed in Section 2.5.2, service station operations are reported to have been conducted under various brands and configurations beginning as early as 1910 and continuing until the 1970s.

As part of a utility locate survey performed on October 23 and 24, 2018, three suspected USTs were identified in the parking lot on the southern portion of the property using ground penetrating radar and electromagnetic locating methods. The presence of these USTs was later confirmed, and soil sampling performed confirming the release of gasoline-range petroleum hydrocarbons in their immediate vicinity, during Phase 5 of the SRI (Leidos, 2021a). Based on the location of the USTs (see Figure 10) and comparison with historical photographs, these USTs are expected to be associated with the most recent service station configuration, which is believed to have been constructed in 1946 in association with construction with the current building on the property. In March 2024, these three USTs were decommissioned in place by SES, under contract with Leidos (SES, 2024).

On April 26, 2022, a suspected heating oil tank was encountered and struck by an excavator bucket during excavation for the City's Columbia to Sanders water and sewer main replacement project (Figure 11B). The strike resulted in damage to the UST and the release of an unknown amount of liquid (later determined to be water with high levels of petroleum impact), which drained into the adjacent open trench for the new sewer line. This UST was estimated to have a capacity of approximately 650 gallons. Contractors for the City of Chelan (Graymar Environmental and KRCI) conducted work to empty and clean the UST and excavate soils that may have been impacted by the release. On May 5, 2022, the UST was closed in-place by filling it with concrete, and then buried by soil. However, on May 24, 2022, Leidos provided notice to the City of Chelan regarding laboratory results received for soil samples collected on May 3, 2022, which indicated that petroleum impacted soil that exceeded MTCA Method A cleanup levels was left in place near the northeast corner of this UST (Figure 11B). Based on a telephone conversation with the City Engineer, Mr. Travis Denham, on May 24, it is Leidos' understanding that the City intended to conduct additional impacted soil removal from around this UST using water-vac excavation equipment. However, no further information from the City was received to confirm the status or results of that work. Therefore, a data gap exists regarding whether petroleum impacted soil that exceeds MTCA Method A cleanup levels remains at this location.

4.3.5.3 125 E. Woodin Avenue

As previously discussed in Section 2.5.4, a garage that is known to have provided gasoline fueling services operated on this property from approximately 1920 until at least 1941.

In February 2022 KRCI discovered four abandoned USTs in the alley to the north of this property during the City's Columbia to Sanders water and sewer main replacement project. Due to the location and orientation of the USTs, which were all oriented perpendicular to the alley and partially underlying the north side of the building, Leidos was not able to make measurements to determine their capacity. Leidos collected soil samples adjacent to each of the USTs. Soil sampling results for three of the USTs indicated low levels of DRO and heavy-oil-range hydrocarbons. However, samples collected near the easternmost UST contained levels of GRO, DRO, and BTEX well above MTCA Method A cleanup levels. The results of soil sampling conducted by Leidos near these UST locations are presented on Figure 11A. Additional details

regarding these discoveries can be found in the Leidos summary report for this work (Leidos, 2022).

In association with a geophysical investigation performed on March 8, 2024, one suspected UST was identified in the Woodin Avenue right-of-way to the south of this property using ground penetrating radar and electromagnetic locating methods. The tank was estimated to be approximately 9 feet long and 5 feet in diameter (approximately 1,000-gallon capacity), with the top of the tank approximately 2.6 feet bgs. The geophysical investigation report documenting this work is included in Appendix C. Based on historical information regarding business operations at this property, it is likely that this UST is associated with the gasoline fueling service that previously operated here, which included a gasoline pump in front of the building (see Section 2.5.4). To date, Leidos is not aware of any physical investigation activities that have been performed to confirm the status or contents of this suspected UST, or whether evidence exists of a past release. However, the proximity of this suspected UST to monitoring well MW-22 (Figure 3), where LNAPL is routinely present and where LNAPL has been determined to be chemically different from the LNAPL present in monitoring well MW-21, suggests that this may be yet another source of petroleum impact to the Site.

4.3.5.4 Other Abandoned USTs

The following additional USTs were all discovered during the City's 2022 Columbia to Sanders water and sewer main replacement project. The results of soil sampling conducted by Leidos near these UST locations are presented on Figures 11A and 11B. Additional details regarding these discoveries can be found in the Leidos summary report for this work (Leidos, 2022).

- **119 E. Woodin Avenue** – One abandoned UST (approximately 300-gallon capacity) was discovered on or about February 14, 2022. Leidos soil sampling results confirmed DRO impacts to soil at 11 feet bgs at a concentration of 2,440 mg/kg, which exceeds the MTCA Method A cleanup level.⁸ Per follow-up communication with the City of Chelan, Leidos understands that this UST was later removed on March 21, 2022, by KRCI in association with replacement of the water main in that vicinity.⁹
- **135 E. Woodin Avenue** – One abandoned UST (approximately 500-gallon capacity) was discovered on or about February 15, 2022. This UST was decommissioned by SES on February 25, 2022, for the City of Chelan. Results of soil samples collected by SES and Leidos indicated low-level detections of DRO and HRO well below MTCA Method A cleanup levels.^{10, 11}
- **209 E. Woodin Avenue** – One abandoned UST (approximately 700-gallon capacity) was discovered on May 5, 2022. Leidos soil sampling results confirmed the presence of GRO

⁸ The discovered release from this UST was assigned identification number 712812 within Ecology's Environmental Report Tracking System.

⁹ Additional details regarding the removal of this UST were provided to Ecology by the City Engineer, Travis Denham, by email dated June 22, 2022.

¹⁰ The discovery of this UST was assigned identification number 712813 within Ecology's Environmental Report Tracking System.

¹¹ Additional details regarding the removal of this UST were provided to Ecology by the City Engineer, Travis Denham, by email dated June 22, 2022.

and DRO at concentrations exceeding MTCA Method A cleanup levels. DRO was detected at concentrations of 28,100 mg/kg and 61,100 mg/kg in soil samples collected at depths of 4.7 feet and 7.7 feet bgs, respectively.¹² Leidos is not aware of any work conducted by the City to address the GRO and DRO impacted soils present at this location.

- **234 E. Johnson Avenue** – One large UST, estimated to be at least 12 feet long (or possibly two USTs positioned end-to-end), was discovered sometime prior to April 27, 2022. Laboratory results for one soil sample collected to the south of the UST indicated no detections of GRO, DRO, HRO, or BTEX above the laboratory reporting limit.¹³

¹² The discovered release from this UST was assigned identification number 715726 within Ecology's Environmental Report Tracking System.

¹³ The discovery of this UST was assigned identification number 715728 within Ecology's Environmental Report Tracking System.

5 SUMMARY OF CURRENT CONCEPTUAL SITE MODEL

A CSM is a conceptual understanding of the conditions at a site that is developed to assess potential risks to human health and the environment that may result from the presence of hazardous substances. The CSM incorporates known and suspected information about site conditions like:

- Current and anticipated future land use (see Section 2.4);
- Site geology and hydrogeology; and
- Contaminant sources, types, concentrations, and extents within the environmental media present at or near a site.

This information is used to evaluate potential exposure pathways that could result in risks to human or environmental receptors under current or anticipated future land use scenarios. The CSM is typically developed initially during the scoping of a remedial investigation and is further refined as additional information is collected. It is a tool used to assist in risk-based decision making for a site.

5.1 SITE GEOLOGY AND HYDROGEOLOGY

This section provides a brief overview of local geologic and hydrogeologic conditions at the Site, which is based on the results of the environmental investigations conducted to date. A discussion of regional geologic conditions can be found in Section 2.3.1.

5.1.1 Geology

Within the depth limits that have been investigated for the Site, three major distinct lithologic units have been identified, which are referred to in the 2006 RI/FS Report, from top to bottom, as unit A, unit B, and unit C. These units are depicted in a geologic cross section that trends along the southern portion of the Site, with a map that shows the section location (Figures 15 and 16).

5.1.1.1 Lithologic Unit A

Lithologic unit A consists of probable alluvial deposits and fill material. It is laterally and vertically varied but consists of silt and sand with lesser amounts of gravel. At depths greater than approximately 5 feet bgs, coarser materials including gravel and cobble are often encountered, which is difficult to drill through and may cause refusal for some drilling and sampling methods. The contact between units A and B has been encountered across the Site at depths ranging from approximately 8 to 20 feet bgs.

Unit A was well-exposed in trenches excavated for the City of Chelan's utility replacement project in the alley north of E. Woodin Avenue in February to May 2022 (see Section 4.2.1). The 14-foot-deep trench (approximate maximum depth) west of Emerson Street revealed the following stratigraphic sequence, from top to bottom:

- Silt with some sand and gravel, brownish gray (fill, 1 to 2 feet thick)
- Silt with gravel, light to dark brown (likely fill, 1 to 3 feet thick)
- Silt with minor to no clay, light brown (1 to 3 feet thick)
- Silt with minor clay, pinkish gray (possible volcanic ash, 0.6 foot thick)
- Silty sand (very fine), light to medium brown (1.5 to 3 feet thick)

- Sandy gravel/cobble (up to 12 inches diameter), light to medium brown (1 foot thick, gradational with layer below)
- Sand (fine to very coarse) with some gravel/cobble (up to several inches), brownish gray (>5 feet thick)

5.1.1.2 Lithologic Unit B

Lithologic unit B underlies unit A and consists of finer grained lacustrine (lake-formed) deposits, including laminated silt with varying amounts of clay. Thin layers of very fine to fine sands are present in trace amounts within this unit. Coarser materials are rarely encountered (some may be a result of drilling slough). In general, the upper portion of unit B contains less clay than the lower and middle portions (see Section 5.1.2.1). Unit B appears to be a recessional glacial lacustrine deposit.

In the northern portion of the Site, this silt and clay lithology is present at thicknesses of more than 61 feet (maximum at boring SCB-1 [SRI Phase 2]). This lithology thins southward and is present at thicknesses averaging 25 feet (minimum 11 feet) in borings advanced along the southern portion of the Site, near Wapato Avenue (Figure 16).

5.1.1.3 Lithologic Unit C

Lithologic unit C consists of glacially deposited material, including till or till-like material and outwash. In the 2006 RI/FS Report (SAIC, 2006), four glacial layers (subunits) were recognized within unit C. More recent drilling/sampling and compilation of data in the southern portion of the Site have resulted in recognition of five glacial layers within the depth of drilling in unit C. These include alternating layers of till-like material with a fine-grained matrix, and coarser-grained outwash-like material. Some till layers also include lenses of coarse-grained material (Figure 16). These five glacial subunits from top to bottom include:

- C1: Silty sand and silt with gravel, with $\geq 10\%$ fines (till)
- C2: Very fine to coarse sand with gravel, with 0-5% fines (outwash)
- C3: Silty sand and silt with gravel, with $\geq 10\%$ fines (till)
- C4: Very fine to medium sand with gravel, with 0-5% fines (outwash)
- C5: Silty sand with gravel, with $> 10\%$ fines (till)

During the SRI, the upper portion of unit C was encountered during drilling or probing in the following borings (with depth bgs of top contact): MW-38 (37 ft), MW-39 (20 ft), MW-40 (43.5 ft), SCB-2 (57 ft), UHP-1 (20 ft), UHP-2 (36 ft), and UHP-3 (55 ft). The top surface of unit C slopes downward to the north and northeast and is relatively shallow in the southern portion of the Site (SAIC, 2006). The upper surface is found as shallow as 20 feet bgs at MW-20, MW-31, and MW-39; it has been identified as deep as 75 feet bgs at MW-4 on the Chevron service station property. The uppermost subunit is most commonly till but locally is outwash material.

5.1.2 Hydrogeology

Groundwater occurs primarily in two water-bearing zones at the Site: a shallow perched water-bearing zone (referred to as a shallow perched aquifer in the 2006 RI/FS Report), and a deeper water-table aquifer. Most wells at the Site are screened within or above the shallow perched water-bearing zone. Only three monitoring wells (MW-30, MW-31, and MW-37) are screened in the deeper water-table aquifer.

5.1.2.1 *Shallow Perched Water-Bearing Zone*

The shallow perched water-bearing zone is present largely within lithologic unit B, the silt and clay lacustrine unit. During very wet years, the perched water-bearing zone may extend locally up into unit A. The lower part of this saturated zone may extend a short distance into the uppermost portion of unit C, but the top of the dense glacial material generally forms the base of this water-bearing zone, acting as a perching layer. Unit C lithologies are usually described as dry to damp, whereas the overlying unit B is wet or saturated.

The UVOST-HP data (SRI Phase 5) for locations east of Emerson Street suggest that, below an average depth of 32 feet bgs, unit B is generally finer-grained (higher clay content) than the upper portion, with a lower permeability. This is indicated by greater downhole hydraulic pressure and by lower estimated hydraulic conductivity. This transition is noted in the following UVOST logs (with the approximate depth bgs): UHP-2 (31 ft), UHP-3 (29 ft), UHP-4 (33 ft), UHP-5 (34 ft), and UHP-6 (33 ft). This low-permeable, clay-rich portion of unit B likely contributes significantly to the ability of this unit to perch and hold water, producing this shallow perched zone.

Within unit B, relatively coarser-grained layers may form preferential pathways for groundwater and LNAPL in this aquifer, or for infiltrating liquids in the vadose zone. These layers consist of very fine to fine sand or coarse silt (close to the silt/sand boundary) and may be very thin, even less than 1-inch thick. Some of these zones have also been found to contain noticeable field indicators of petroleum hydrocarbons, commonly stained with a greenish (ferrous) color. These layers may be found deeper in unit B within the saturated zone, or shallower within the vadose zone.

In the vicinity of the Chevron service station, the former Unocal service station, and the Wells Fargo Bank, one or more layers have been identified at depths constrained between 30 and 33.5 feet bgs. The following are examples of these relatively coarser-grained layers that may form preferential pathways:

- MW-45 (SRI4B-1), as a 1-inch layer of fine-sandy coarse silt at 32.5 feet bgs, sandwiched between layers of clayey silt
- MW-46 (SRI4B-7), as a layer of silt at 30 to 30.5 feet bgs, between layers of clayey silt
- SRI4B-2, as a 1-inch layer of coarse silt with fine sand at 31.5 feet bgs, between layers of clayey silt
- SRI4B-3, as a 0.4-inch layer of fine-sandy silt at 31 feet bgs, with clayey silt above and silt to clayey silt below
- SRI4B-4, as a layer of silt with fine sand at 30.5 to 31 feet bgs, with silt to clayey silt above and clayey silt below
- RW-1 (RWB-1), as a layer of silt at 33 to 33.5 feet bgs, between layers of clayey silt

Often the upper several feet of unit B at the Site are overall coarser-grained than layers below, consisting of silt or fine-sandy silt, with some very fine to fine sand and little or no clay. This would allow infiltrating water, perched groundwater, or LNAPL to permeate this material more readily than in the more clay-rich zones in this unit. The relatively coarser-grained layers in the upper portion of unit B, within this perched zone or the vadose zone above, would form pathways for water or LNAPL to migrate laterally and gradually downward, thus reaching

monitoring wells, or first intersecting other deeper preferential pathways that eventually reach well screens.

Groundwater in the shallow perched water-bearing zone at the Site is typically first encountered at depths of approximately 20 to 30 feet bgs, except in monitoring wells located along and near Emerson Street (MW-16, MW-25, and MW-36) and in monitoring wells located in the Wells Fargo Bank parking lot (MW-9 and RW-2), where groundwater is more typically encountered at depths of approximately 40 feet bgs (see Table 6).

The horizontal component of groundwater flow in the shallow perched water-bearing zone is generally toward the south (see Figures 13 and 14). However, localized southwesterly and southeasterly gradients are present, which suggest that flow is generally converging toward the central portion of the Site (along Emerson Street). In the shallow perched water-bearing zone, groundwater elevation is consistently lowest at monitoring well MW-16, which is located in the Emerson Street right-of-way. The groundwater levels along the southern margin of this perched zone are always below those of the Lake Chelan surface levels. Monitoring wells located south of a zone extending from MW-16 to MW-9 were found to be consistently dry. The area south of the perched water-bearing zone, extending to the lakeshore, appears to be completely unsaturated above the deep water table.

Groundwater horizontal flow rates in the perched zone are very low, calculated to be less than 10 centimeters per year (SAIC, 2006). Based on groundwater elevation measurements in monitoring well pairs with differing screen depths that are located in proximity to each other (e.g., RW-1/MW-10, RW-2/MW-9, and RW-2/MW-7), a downward vertical gradient exists in the shallow water-bearing zone. For these well pairs, the RW wells are screened deeper into this water-bearing zone, and measurements from these wells generally indicate groundwater elevations that range from approximately 0.5 to over 5 feet deeper than the adjacent MW well. This downward vertical gradient is expected in a perched water-bearing zone.

Long-term groundwater elevation monitoring data for the Site, which has been collected since 1992, indicate that groundwater elevation changes in the shallow perched water-bearing zone are primarily driven by precipitation levels for the Chelan area. Within that timeframe, two periods of unusually high groundwater elevation have occurred – one from approximately August 1995 to February 2001, and the second beginning in March 2016 and lasting through December 2018 (see hydrographs presented in Appendix D of *2023 Groundwater Monitoring Summary Report* [Leidos, 2025]). Data from the first of these high periods exist only for the monitoring wells constructed on the Chelan Chevron service station property, which were installed in 1992. All other monitoring wells at the Site were constructed after May 2001.

In several monitoring wells screened in the shallow perched water-bearing zone, some seasonal variation has been observed, under certain hydrogeologic conditions, that appears to be related to changes in the surface elevation of Lake Chelan. Further discussion regarding the relationship between Lake Chelan and the shallow perched water-bearing zone is presented below in Section 5.1.2.3.

As part of the original RI for the Site, short-term pumping tests were conducted in 2003 at monitoring wells MW-17, MW-21, and MW-28 to evaluate sustainable yield in the shallow perched water-bearing zone. Based on the results of these tests, which were not conducted on water wells, SAIC estimated an overall sustainable yield rate of approximately 0.1 gallon per

minute (gpm), which is consistent with the fine-grained lithologies. These results are also consistent with hydraulic conductivity determinations from these pumping recovery tests and from laboratory tests of unit B soil, both of which yielded low values of approximately 1×10^{-6} cm/sec (SAIC, 2006). Due to the very low sustainable yield expected for this water-bearing zone, it is considered highly unlikely to be utilized in the future as a potable water source.

5.1.2.2 Deep Water-Table Aquifer

The deep water-table aquifer is situated entirely within lithologic unit C, the glacial deposit. This aquifer occurs both within the sandy outwash and silty till layers, although the base of the aquifer is not defined. The deep aquifer appears to be unconfined (in areas with deep borings) based on the presence of dry soils above the water table in unit C, and because water levels in the deep wells did not soon rise beyond where first encountered during drilling (SAIC, 2006).

Currently three monitoring wells at the Site (MW-30, MW-31, and MW-37) are screened in the deep water-table aquifer. Long-term groundwater monitoring results for these wells indicate that the water table has typically been encountered at depths of approximately 65 to 90 feet bgs. Within this aquifer, the horizontal component of groundwater flow is generally to the southeast, toward the Chelan River (see Figures 13 and 14). The annual seasonal groundwater elevation change in these monitoring wells is typically on the order of 10 feet (see Table 6).

5.1.2.3 Groundwater Relationship to Lake Chelan

Lake Chelan is the reservoir for the Lake Chelan Hydro Project, which is managed by the Chelan County PUD. The lake level is managed on an annual cycle to generate hydroelectric power, provide recreation, protect fish, reduce erosion, and restore year-round flows to the Chelan River.

The Chelan County PUD expects to maintain the lake level within a range of 1,084 to 1,100 feet above sea level during most years. In extremely wet years, the lake level could be lowered to 1,083 feet above sea level, or lower (the license minimum is 1,079 feet above sea level) as more room is needed to capture increased runoff (chelanpud.org/parks-and-recreation/lake-chelan-levels). Lake Chelan surface elevation data dating back to January 1, 1992, are presented graphically in groundwater elevation hydrographs, which were most recently presented in Appendix D of the *2023 Groundwater Monitoring Summary Report* (Leidos, 2025).

A groundwater elevation study of the shallow and deep water-bearing zones at the Site was conducted as part of SRI Phase 5 from November 2020 to March 2022 (Leidos, 2023b). The study involved installation of pressure transducers in four monitoring wells screened in the shallow perched water-bearing zone (MW-15, MW-17, MW-19, and MW-23), in two shallow monitoring wells south of this perched zone that have been historically dry (MW-39 and MW-40), and in two monitoring wells in the deep water-table aquifer (MW-30 and MW-37). The study also incorporated surface water elevation data for Lake Chelan to better understand the hydrologic relationship between the lake and the two water-bearing zones.

As previously discussed in Section 5.1.2.2, the annual seasonal groundwater elevation change in monitoring wells MW-30, MW-31, and MW-37, which are screened in the deep water-table aquifer, is typically on the order of 10 feet. These vertical changes closely mimic the seasonal pattern of surface level elevation changes for Lake Chelan, but with a time lag. The water levels in the deep aquifer are always significantly below those of the lake surface. With the direct

relationship between elevation changes in Lake Chelan surface levels and groundwater levels in the deeper water-table aquifer, any hydraulic connection between these two units would result in continuous movement of water from the lake downward to the deeper aquifer. Consequently, it is assumed that the lake water is one source of recharge to this deeper aquifer (Leidos, 2023b).

As discussed in Section 5.1.2.1, monitoring data indicate that groundwater elevation changes in the shallow perched water-bearing zone are primarily driven by precipitation levels for the Chelan area. However, the transducer study data reveals that groundwater elevation changes in portions of the perched water-bearing zone do occur in response to the changing surface elevation of Lake Chelan, with a months-long time lag. This is most notably observed in monitoring well MW-23, which is located farther west than all other Site wells. The amplitude of groundwater elevation changes in the shallow perched zone, in response to changing lake levels, decreases eastward along Woodin Avenue.

Because the perched aquifer at the Site terminates in a direction to the south and southwest (as indicated by dry wells), this response seen most significantly at MW-23 indicates that there is a hydraulic relationship between the lake and the shallow perched zone to the west of MW-23. This would suggest that lake water is intruding into the nearshore shallow perched zone to the west, and then producing groundwater mounding and a hydraulic pressure wave that reaches MW-23 and slowly migrates eastward along the Woodin Avenue corridor (Leidos, 2023b).

Using the transducer study results in combination with long-term gauging results for the Site, it appears that the groundwater elevation variations due to changing lake levels have a secondary effect on the overall groundwater gradient. The primary gradient in the shallow perched water-bearing zone is always approximately to the south, toward the unsaturated zone; and the hydraulic wave effects due to variations in the lake surface elevation is a secondary east-west effect.

Throughout the year, the lake level maintains an elevation that is higher than the deeper water table, and also higher than the perched-zone water level on its downgradient southern edge. Consequently, although the lake appears to be partially affecting the water levels in these two water-bearing zones, the groundwater in these zones do not affect or reach the lake water. The perched water-bearing zone at the Site and the lake to the southwest are separated laterally by more than 200 feet of unsaturated soil.

5.2 PETROLEUM RELEASE SOURCES

SRI results collected to date confirm that the Site has been significantly impacted by petroleum product releases from at least four discrete sources (Figure 2), which include:

- The still active Chevron service station located at 232 E. Woodin Avenue.
- The gasoline service station that formerly operated on the property at 221 E. Woodin Avenue.
- The gasoline service station that formerly operated on the property at 141 E. Woodin Avenue.
- One or more currently unknown sources of diesel fuel or heating oil that are located on or in the vicinity of the property at 136 E. Johnson Avenue.

Soil sampling conducted in the vicinity of the Site in 2022 (along the alley between Wooden and Johnson Avenues) also identified releases from four abandoned USTs that have resulted in

petroleum impacts to soil exceeding MTCA Method A cleanup levels (see Section 4.2.1 and Figures 11A and 11B). The extent of these releases, or their potential impact to the Site, has not been determined at this time.

Additional suspected, but currently unconfirmed sources of petroleum releases to the Site include:

- The garage and gasoline fueling service that formerly operated on the property at 125 E. Woodin Avenue; and
- The gasoline service station that formerly operated on the property at 229 E. Woodin Avenue.
- The fueling location marked by a former gasoline pump on the street margin east of the Chelan Transfer Company building at 116 S. Emerson Street; City Council documents show that this pump was removed in 1957 and likely shifted to another part of the property.

A non-discrete potential source of DRO or HRO is the residual oil and cutback bitumen that were applied to the Chelan unpaved streets and alleys over several decades (see Section 2.5). In addition, it is recognized that the historic sale and/or use of petroleum-based solvents at multiple business locations along and adjacent to the Woodin Avenue corridor is likely to have resulted in smaller releases of these products to the ground surface, in association with past waste disposal practices. For example, it is possible that volatile-range petroleum hydrocarbons detected in soil and groundwater samples collected on the 136 E. Johnson Avenue property may be associated with past operations of a paint shop and storage building that previously occupied the southern part of the current Chelan Post Office property (1909 and 1929 Sanborn maps) and/or by automotive repair activities that were conducted here around the 1940s (see Section 2.5.3 and Appendix A).

5.3 CONTAMINANTS OF CONCERN

MTCA defines a contaminant as “any hazardous substance that does not occur naturally or occurs at greater than natural background levels” (Ecology, 2024a). Contaminants of concern (COCs) are those hazardous substances that are known to be present at a site and those which may be present based on information regarding the nature of a known release or past operations at a site. Based on the results of environmental investigation activities performed to date, the following hazardous substances are currently considered COCs for the Site:

- Gasoline-range organics (GRO)
- Diesel-range organics (DRO)
- Heavy-oil-range organics (HRO)
- Benzene
- Toluene
- Ethylbenzene
- Xylenes
- 1,2-Dibromoethane (EDB)
- 1,2-Dichloroethane (EDC)
- Naphthalenes (naphthalene, 1-methylnaphthalene, and 2-methylnaphthalene)
- Lead

- Carcinogenic polycyclic aromatic hydrocarbons (PAHs)

Many of these petroleum-based COCs are also present at the Site in the form of LNAPL in the shallow perched water-bearing zone. This LNAPL is discussed in detail within the following section.

5.4 LNAPL CSM

For sites where a significant portion of the contaminant mass present exists as LNAPL, an LNAPL CSM (LCSM) is an important component of the overall CSM for the site. The LCSM incorporates additional information and considerations specific to the LNAPL body, or bodies, present at a site.

5.4.1 LNAPL Occurrence

Recent investigation and monitoring data indicate that LNAPL is routinely present in twelve monitoring wells at the Site (Figure 12). Of these monitoring wells, seven (MW-9, MW-10, MW-12, MW-16, MW-21, MW-27, and RW-2) have frequently contained LNAPL at thicknesses greater than 1 foot. Since 2016, monitoring wells MW-16, MW-21, and MW-27 have each contained LNAPL at thicknesses greater than 10 feet, although thicknesses have declined in recent years. Historically, LNAPL has also been found in monitoring wells MW-3, MW-6, MW-7, MW-15, and MW-18. All monitoring wells at the Site containing measurable LNAPL are screened in the shallow perched water-bearing zone within lithologic unit B.

The occurrence of LNAPL in a number of monitoring wells that are located over a relatively large area of the Site appears to result from the presence of multiple LNAPL bodies, originating from multiple sources. Some comingling of these LNAPL appears likely in portions of the Site (see Section 5.4.3 for further discussion). However, a single continuous LNAPL body that connects all of the monitoring wells containing LNAPL at the Site is not present.

5.4.2 LNAPL Mobility and Saturation

The presence of measurable LNAPL in monitoring wells indicates that some fraction of the LNAPL present at the Site is mobile at the pore scale. However, mobile LNAPL does not imply the movement or expansion of an LNAPL body within the subsurface, which is instead referred to as LNAPL migration. Mobile LNAPL represents the portion of LNAPL present at concentrations greater than residual saturation levels. This portion of an LNAPL body is sufficiently mobile to be redistributed in response to water table fluctuations (including a perched water table), which may result in its changing presence or absence in monitoring wells but does not typically result in changes in the lateral extent of an LNAPL body.

Although some portion of the LNAPL present at the Site is considered mobile, LNAPL at the Site is considered laterally stable and does not appear to be migrating. LNAPL migration refers to plume-scale behavior in which the overall or portion of an LNAPL body is expanding. LNAPL migration tends to occur over the relatively early stages of a release, when LNAPL head pressures and LNAPL saturations are greatest, except in the case of a change in hydraulic conditions. Based on the results of LNAPL forensics analysis performed during SRI Phase 5 (Leidos, 2021a), as well as service station operational history information, petroleum releases at the Site are generally expected to have occurred prior to about 1995, which is when Chevron discontinued selling leaded regular gasoline in Washington State.

In addition to the mobile fraction of the LNAPL present at the Site, the cleanup alternative selection process must also consider the portion of LNAPL mass present at concentrations that are less than residual saturation levels. Residual LNAPL represents the portion of the LNAPL mass that occupies a fraction of pore space that is discontinuous and too small for LNAPL flow to occur (ITRC,2018). Because it is immobile, residual LNAPL cannot be recovered by conventional hydraulic recovery systems. However, residual LNAPL can represent a significant portion of the LNAPL mass present at a site, and if left in place can serve as a source of dissolved-phase impacts to groundwater for many years. Residual LNAPL saturation is inversely related to grain size; therefore, more LNAPL mass will typically remain as residual LNAPL in finer-grained soils. As previously discussed in Section 4.3.3, the results of LNAPL soil pore fluid saturation analyses performed on selected soil samples during SRI Phase 2 indicate that for nine out of ten samples the LNAPL saturation values were unchanged after spinning the samples in a centrifuge for one hour at a relative centrifugal force of 1,000 times gravity. These results indicate that the LNAPL in these samples was present at concentrations less than residual saturation levels.

5.4.3 LNAPL Product Types and Spatial Distribution

One or more rounds of forensics analysis has been performed on LNAPL samples from each of the monitoring wells at the Site containing LNAPL. The results of these analyses are reported and discussed in the SRI Phase 5 summary report (Leidos, 2021a) and the 2006 RI/FS report (SAIC, 2006).

Figure 17 presents a visual depiction of the distribution of LNAPL product types at the Site, which is based on interpretation of the LNAPL forensics results collected to date. The approximate historical extents of LNAPL shown on this figure are based on past and current observations of measurable in-well LNAPL in Site monitoring wells.

As shown on this figure, an area of gasoline LNAPL is present in the eastern portion of the Site, which is defined by monitoring wells MW-7, MW-9, MW-10, MW-12, MW-18, MW-44 and RW-2. Early LNAPL forensics results reported in the 2006 RI/FS Report indicated that LNAPL in monitoring wells MW-9, MW-10, and MW-12 was alkylate-rich leaded gasoline. However, results of the more recent forensics analysis performed for SRI Phase 5 suggested that the LNAPL present in monitoring wells MW-9 and RW-2 may be from two discrete sources despite the close proximity of these monitoring wells, which are approximately 25 feet distant from each other (Leidos, 2021a).¹⁴

Further to the west, near the intersection of E. Woodin Avenue and Emerson Street, another area of leaded gasoline LNAPL exists, which is defined by monitoring wells MW-15, MW-16, MW-21, MW-25 and MW-36. Previous LNAPL forensics analysis reported in the 2006 RI/FS Report indicated compositional similarities in LNAPL samples from monitoring wells MW-15, MW-16,

¹⁴ As stated in the SRI Phase 5 summary report, the forensics results for gasoline LNAPL samples do not provide clear evidence to determine the specific sources from which they originated. Chemical similarities and differences between these samples do not appear to clearly align with their locations, which is likely the result of differences in: weathering; timing of releases; and/or commingling of products released from multiple sources.

MW-25, and MW-36, which were described as being alkylate poor. Although monitoring well MW-21 also contains leaded gasoline LNAPL, and is located in the vicinity of these wells, results from the SRI Phase 5 LNAPL forensics work indicated no similarities between LNAPL samples collected from monitoring wells MW-16 and MW-21. Qualitative field observations have also been noted regarding the color of LNAPL samples collected from monitoring wells MW-21 and MW-36, which are located approximately 70 feet distant from one another. LNAPL collected from monitoring well MW-36 has been noted to display a distinct red color, while LNAPL collected from monitoring well MW-21 displays a pale-yellow color that is not seen in LNAPL samples from any other monitoring well at the Site. It is unclear whether these color differences may result from differences in weathering of LNAPL in these areas. However, it is also plausible that the red alkylate-poor LNAPL present in the vicinity of monitoring well MW-36 may be the result of another unidentified leaded gasoline source located in the vicinity or west of Emerson Street.

Further west along E. Woodin Avenue and to the north toward E. Johnson Avenue, LNAPL present in monitoring wells MW-19, MW-22, and MW-27 has been determined to consist of a mix of weathered gasoline and diesel-range petroleum products (diesel-range petroleum products include heating oil, which is also referred to as #2 fuel oil). Analysis of an LNAPL sample from MW-22 collected in 2003 found the sample to be predominantly weathered diesel, with 60% of the sample consisting of diesel-range hydrocarbons, C15 and greater. Samples collected in 2020 from monitoring wells MW-19 and MW-27 were also found to contain mixtures of leaded gasoline and diesel-range products. The sample collected from monitoring well MW-27 was found to be predominantly diesel or #2 fuel oil with only a trace of gasoline. The hydrocarbon composition of the diesel/#2 fuel oil in the samples from MW-19 and MW-27 were found to be very similar, indicating that the two samples contain the same diesel-range petroleum product.

Results of the LNAPL forensics work conducted to date have been instrumental in confirming that the overall Site has been impacted by petroleum releases from multiple sources and by multiple petroleum product types. The understanding gained of the spatial distribution and physical properties (e.g., volatility and solubility of gasoline-range versus diesel-range petroleum products [Leidos, 2021a]) of the LNAPL types present at the Site will be important information to consider during the cleanup action alternative evaluation process.

5.4.4 LNAPL Vertical Distribution

At this time, a thorough understanding of the vertical distribution of the mobile LNAPL intervals is not known. Two phases of investigation using laser induced fluorescence (LIF) were performed as part of SRI Phase 2 (Leidos, 2017) and SRI Phase 5 (Leidos, 2021a) in order to further characterize the lateral and vertical distribution of LNAPL at the Site. The SRI Phase 5 work also included use of hydraulic profiling (HP) tooling to assess variations in hydraulic conductivity within the subsurface in an attempt to identify transport pathways for mobile LNAPL. These efforts were generally unsuccessful in identifying the presence of LNAPL, even in LIF borings advanced several feet away from existing monitoring wells containing measurable

LNAPL. However, these results may also be associated with the fine-grained nature of soils present in Lithologic unit B.¹⁵

One exception is the boring completed as part of SRI Phase 2 near monitoring well MW-16 (LIFB-2), which displayed strong fluorescence response characteristic of gasoline LNAPL within a thin interval from approximately 49 to 52 feet bgs (in lower part of unit B). The electrical conductivity and penetration rate logs for this boring suggest that LNAPL may be present at this depth due to a change in soil conditions to a higher-permeability stringer or lens within this interval (Leidos, 2017).

Minor fluorescence response was also noted at a depth of approximately 38.5 feet bgs in boring UHP-2, which was completed near monitoring well MW-38 as part of SRI Phase 5 in December 2020.

Minor fluorescence responses were also noted at depths of 13.7 to 17.7 feet bgs and 30.3 to 31.1 feet bgs in boring UHP-6, which was completed near monitoring well MW-44 as part of SRI Phase 5 in December 2020. These fluorescence responses agree with field indicators and analytical results from soil samples in the boring for MW-44.

The SRI Phase 2 work also included collection of soil cores that were frozen in the field and later examined by Core Lab under ultraviolet (UV) light conditions and subjected to additional laboratory analyses to assess LNAPL mobility. Results of the digital imaging analyses performed by Core Lab indicated that no to very faint UV response was detected in the soil cores submitted for analysis (Leidos, 2017).

Soil sampling data from SRI Phase 5, which was collected by conventional drilling methods in the immediate vicinity of three source areas, indicate petroleum impacts to soil that are on the order of concentrations that may exceed residual saturation. These impacts are primarily present in soils at and below the interface of lithologic units A and B, often with decreasing concentrations at depth below this contact. Below these depths, intervals of significant petroleum impacts were often found to exist in thin layers of very fine to fine sand and/or coarse silt present in the clay-rich silt lithology of unit B (discussed in Section 5.1.2.1). These thin contaminated zones could easily be missed during routine drilling and soil sampling activities, which is now evident when reviewing results of much of the soil sampling work conducted for the original RI.

Collectively, the results of this work indicate that significant intervals of LNAPL saturated soil are generally not present in the areas in close proximity to monitoring wells containing measurable LNAPL. Instead, LNAPL accumulation in many of these monitoring wells may be related to connections to thin layers of higher permeability fine sand and/or coarse silt present in unit B that allow LNAPL to drain to and collect in the low-pressure voids that are provided by these monitoring wells. Further discussion regarding apparent LNAPL thickness in monitoring

¹⁵ Fine-grained soils such as clays can hide LNAPL so that it cannot be detected by LIF. Under these conditions the LNAPL in the interstitial spaces of clay is not visible to the sensor unless there is clean light of sight (ITRC, 2019).

wells and how it may relate to hydrogeologic conditions at the Site is provided in the following section.

5.4.5 LNAPL Hydrogeologic Conditions

An understanding of the local hydrogeologic setting (i.e., unconfined, confined, perched, or fractured/preferential pathways) in which the mobile fraction of LNAPL is present at a site is useful for interpreting in-well LNAPL thickness data, and for understanding how it may change in response to groundwater elevation changes.

Under unconfined conditions, LNAPL thickness in a monitoring well may increase as the water table falls and LNAPL flows into the well. As the water table rises, LNAPL becomes trapped in the saturated soil and the apparent LNAPL thickness in the well decreases.

Under confined conditions, LNAPL thickness in a monitoring well typically increases as the potentiometric surface rises and decreases as the potentiometric surface falls. For confined conditions, the observed in-well LNAPL thickness is often exaggerated compared to the thickness of the mobile LNAPL interval within the formation.

Perched LNAPL is mobile LNAPL that accumulates in the vadose zone above less permeable layers, which exhibit a pore entry pressure greater than the available LNAPL head, and thus impedes the downward migration of LNAPL. Under perched conditions, LNAPL thickness in a monitoring well may be exaggerated compared to the adjacent mobile LNAPL interval. If the well extends into the underlying confining layer, LNAPL may flow into the “sump” created by installing the well into the underlying confining layer.

Fractured and preferential pathway conditions represent LNAPL confined in a large pore network that may consist of fractures in bedrock or desiccated soils, coarser-grained intervals within finer material, and macropores. Similar to LNAPL in confined conditions, the LNAPL thickness observed in a well is typically exaggerated compared to that within the formation. The LNAPL within the formation is limited to the secondary porosity features, rather than being distributed within the primary porosity of the matrix, or it is present within the localized coarser-grained material. Indicators of LNAPL within a preferential pathway include:

- Exaggerated LNAPL thickness in wells at equilibrium conditions;
- LNAPL observed at a considerable distance below the water table and laterally from the release location; and
- Areas where the geology is known to have preferential pathways, such as fractured clay and bedrock, coarser-grained intervals, or may have macropores or other secondary porosity features.

At sites with complex geology, LNAPL may exist in more than one of these hydrogeologic settings. It is also possible for the hydrogeologic setting of an LNAPL body to change in response to changes in site conditions. For example, an area initially under unconfined conditions may become confined due to a rise in groundwater elevation (ITRC, 2018).

Based on our current understanding of the vertical distribution of LNAPL, as well as evaluation of long-term groundwater elevation and LNAPL gauging results, Leidos believes that mobile LNAPL may be present under several hydrogeologic settings at the Site. Currently, a thorough evaluation of long-term groundwater elevation and LNAPL gauging results using diagnostic

gauge plots would be expected to result in unclear or possibly erroneous results because of the effects of long-term bailing for LNAPL recovery and LNAPL bailing that has been performed for transmissivity testing.

5.4.5.1 Unconfined

Long-term groundwater elevation and LNAPL gauging data for the Site suggest that the mobile LNAPL interval in some areas may be present in an unconfined setting, where in-well LNAPL thickness would be expected to increase as the water table falls and decrease as the water table rises. These monitoring wells consist of those which have historically not contained exaggerated LNAPL thickness measurements of multiple feet. Examples of monitoring wells in which recent LNAPL occurrence trends have been consistent with expectations for unconfined conditions are MW-19, MW-22, and MW-36.

5.4.5.2 Confined

Mobile LNAPL was first detected in monitoring well MW-21 in March 2016, 13 years after this well was installed in 2003. The first LNAPL occurrence at MW-21 also coincided with the detection of LNAPL in monitoring well MW-27 at a thickness of 11.73 feet. Previously LNAPL was not present in monitoring well MW-27, or it had been detected at levels typically less than 0.5 foot. Long-term groundwater elevation data for the Site suggest that the occurrence of LNAPL in these two wells, often at thicknesses in excess of 10 feet, coincided with a rising groundwater trend that began in early 2016. Similar increases in LNAPL thickness were also observed in monitoring well MW-16 during this timeframe. These observations suggest that the mobile LNAPL interval at these locations may be present in a confined setting, which would result in exaggerated in-well LNAPL thickness during high groundwater elevation conditions.

Confined LNAPL is trapped beneath a layer that limits the upward movement of the LNAPL. For LNAPL, that confining layer may be a geologic layer, such as a finer-grained soil, above the mobile LNAPL interval that exhibits a pore entry pressure higher than the capillary pressure of the underlying LNAPL. LNAPL may be confined under hydrogeologic conditions when groundwater is not confined (ANSR, 2011a). Under rising groundwater conditions, LNAPL in confined settings may be under pressure and a monitoring well screened across this interval can serve as a “pressure release valve” or sump for LNAPL accumulation (ITRC, 2018).

5.4.5.3 Perched

Soil sampling results from SRI Phase 5 and installation of the oxygen emitter wells (see Tables 3 and 5) indicate that some of the most heavily impacted soil at the Site is generally present at the interface of lithologic unit A and the finer grained and less permeable soils of lithologic unit B. As discussed above, installation of monitoring wells into this underlying confining layer may create a “sump” to collect mobile LNAPL that exists in a perched setting above the confining layer and which would tend to result in exaggerated values for in-well LNAPL thickness. These exaggerated values for in-well LNAPL thickness are not representative of LNAPL mobility or recovery and could lead to misdirected remediation efforts (ANSR, 2011b).

The early accumulation of LNAPL in monitoring well MW-36 to thicknesses exceeding 13 feet in 2003 (SAIC, 2006) may be attributable to perched LNAPL conditions. This monitoring well may have intersected and largely drained a body of perched mobile LNAPL present in that vicinity. Although mobile LNAPL has continued to be observed in that monitoring well to date,

in-well thickness measurements have never approached those observed in the initial weeks after that monitoring well was first installed (SAIC, 2006). LNAPL present in monitoring well MW-10 (near RW-1) and likely MW-44 also appear to derive perched LNAPL from the vadose zone near the upper contact of unit B.

5.4.5.4 Preferential Pathways

LNAPL in fine-grained media often occurs in macropores or secondary porosity, or in coarser-grained intervals, which can serve as preferential pathways for LNAPL transport. The small pore spaces of the primary pore matrix (silt/clay), combined with sufficient moisture content, result in a large barrier to LNAPL migration. However, these preferential pathways can transport LNAPL vertically and horizontally more easily.

Results of previous investigations suggest that some portions of the mobile LNAPL fraction at the Site may exist within preferential pathway settings. Observations of recently collected continuous soil cores reveal that intervals of LNAPL generally occur in layers of relatively coarser-grained material within silt/clay of unit B (examples provided in Section 5.1.2.1). These likely preferential pathways may occur in two general settings: (1) as discrete layers within deeper zones, consisting of thin coarser-grained material enclosed in thick intervals of clayey silt (similar to confined conditions); or (2) within layers in the upper several feet of unit B, which tends to be relatively coarser-grained without much clay, and which overlies intervals of clayey silt. Based on field indicators and soil sample analytical results from unit B, many layers of coarse silt and/or fine sand that occur within or overlying the thick zones of clayey silt are often accompanied by significant petroleum contamination. These layers may be thinner than an inch (for setting no. 1). At some locations, the layers have a noticeably greenish coloration (especially for setting no. 2), possibly resulting from the presence of ferrous iron.

Examples of these likely preferential pathways within unit B are suggested by the following SRI results:

- *Setting no. 1.* In boring RWB-1 at 33 to 33.5 feet bgs is a silt layer without clay, within a thick interval of clayey silt extending from 20 to 50 feet bgs. The GRO concentration within this thin layer is 23,000 mg/kg. Field indicators and analytical data reveal that the clayey silt is only slightly impacted, whereas this silt layer is very heavily impacted.
- *Setting no. 1.* In boring SRI4B-4 at 30.5 to 31 feet bgs is a layer of silt with fine sand, with thick clayey silt below and mostly clayey silt above. The GRO concentration within this thin layer is 13,000 mg/kg. As above, field indicators and analytical data reveal that the clayey silt is only slightly impacted, whereas this silt/sand layer is heavily impacted.
- *Setting no. 1.* Identification of LNAPL fluorescence response in boring LIFB-2 (advanced near monitoring well MW-16), which showed strong fluorescence response typical of gasoline-range LNAPL between approximately 49 to 52 feet bgs. As previously stated, electrical conductivity and penetration rate logs suggest that LNAPL in this boring was present in a thin higher-permeability stringer or lens encountered between these depths.
- *Setting no. 2.* In boring SRI5-1 at 15 to 16.5 feet bgs is a layer of greenish-gray coarse silt with no clay, which overlies a thick sequence of clayey silt. The GRO concentration at the base of this coarse silt layer is 11,500 mg/kg. Field indicators and analytical data

reveal that the underlying clayey silt is much less impacted than the coarse silt, and the magnitude significantly attenuates downward.

Data from the last example (setting no. 2) suggests that LNAPL and any infiltrating water would readily migrate down through unit A, and then would reside within and migrate through the relatively coarser-grained material in the upper portions of unit B. This liquid would gradually permeate into the underlying clayey silt material, with decreasing impacts downward. Lateral and vertical migration through these coarser-grained upper pathway zones may eventually reach monitoring wells or would connect to deeper preferential pathways as thin zones (setting no. 1) before intersecting a well screen. The mechanisms for such confined LNAPL transport via preferential pathways in the saturated zone within or below low-permeability layers have been described in the literature (e.g., ANSR, 2012).

Similar to mobile LNAPL existing in confined and perched settings, mobile LNAPL existing in a preferential pathway setting is known to result in exaggerated in-well LNAPL thickness at equilibrium conditions (ITRC, 2018).

5.4.5.5 Interpretation of In-Well LNAPL Thickness Measurements

As discussed in the preceding subsections, SRI results collected to date suggest that mobile LNAPL may be present, at one time or another, at each of the four hydrogeologic conditions (unconfined, confined, perched, and preferential pathways). Of these conditions, three of four (confined, perched, and preferential pathways) would be expected to be associated with complex geologic and hydrogeologic conditions, and each of these three conditions are known to be associated with exaggerated in-well LNAPL thickness measurements.

Based on the weight of evidence provided by the LNAPL delineation data provided by the SRI, Leidos believes that excessive in-well LNAPL thickness measurements (sometimes approaching or exceeding 10 feet), which have historically been observed in monitoring wells MW-9, MW-10, MW-12, MW-16, MW-21, MW-27, and MW-36 are not representative of the mobile LNAPL interval in adjacent soil at those locations. Instead, we believe that these measurements represent exaggerated in-well thickness that is attributable to these monitoring wells intersecting thin intervals of mobile LNAPL within a complex hydrogeologic setting that allows the wells to act as sumps for exaggerated LNAPL accumulation.

5.4.6 LNAPL Transmissivity and Recoverability

As previously discussed in Section 4.3.3.2, LNAPL transmissivity quantifies the rate at which a specific LNAPL type can be removed from a well. Within more recent LNAPL science, transmissivity has emerged as a better metric than in-well LNAPL thickness for assessing LNAPL recoverability, and is now generally considered the standard metric for this type of evaluation. As a recoverability metric, it is comparable between different sites regardless of site-specific differences in geology or LNAPL product type. As such, LNAPL transmissivity is considered an essential component of the CSM at LNAPL sites, as it facilitates selection of LNAPL mass removal strategies and may be used as an endpoint criterion to discontinue use of LNAPL recovery systems.

LNAPL transmissivity incorporates LNAPL physical properties, saturation, and relative permeability, as well as aquifer parameters. Due to the dependence of LNAPL transmissivity on multiple variables, it is expected that LNAPL transmissivity values may vary throughout a site,

due to geologic variability and/or differences in LNAPL physical properties. LNAPL transmissivity values are also expected to change over the lifetime of a cleanup as LNAPL saturation levels are reduced or in response to changes in aquifer conditions due to groundwater elevation changes.

Based on empirical data, current LNAPL science suggests that LNAPL transmissivity values below 0.1 to 0.8 ft²/day indicate low recoverability. Hydraulic recovery is considered practical if transmissivity is greater than 0.1 to 0.8 ft²/day (ITRC, 2018).

As discussed in Section 4.3.3.2, three rounds of baildown testing were performed for the SRI to assess LNAPL transmissivity at the Site. LNAPL transmissivity values for these events ranged from 0.00 to 1.73 ft²/day, with mean values ranging from 0.005 to 1.20 ft²/day. No increase in LNAPL transmissivity values was observed following redevelopment of the test wells performed under SRI Phase 3. Mean values of 0.8 ft²/day or more were found only for monitoring well MW-27. Mean LNAPL transmissivity values for monitoring well MW-21, which contained 15.09 feet and 10.54 feet of LNAPL, respectively, on the November 2017 and March 2019 baildown event test dates, were 0.73 ft²/day and 0.11 ft²/day, respectively.

Results of LNAPL baildown testing conducted for the SRI suggest that LNAPL is present at the Site under conditions at or near the point of impracticability for recovery by systems relying upon gravity drainage of LNAPL from the subsurface matrix. However, these results have also highlighted the temporal variability of LNAPL transmissivity at the Site in response to changes in environmental conditions, such as groundwater elevation.

5.5 EXTENT OF IMPACTS TO ENVIRONMENTAL MEDIA

5.5.1 Impacts to Soil

5.5.1.1 Lateral Extents

Figure 18 presents a visual depiction of the approximate lateral extents of petroleum impacts to soil at the Site, which is indicated by the shaded area shown in the figure. This area represents the outer-most lateral extents of petroleum impacted soil, resulting from multiple petroleum release sources, that is currently considered attributable to the Site. For the purpose of this figure, this area was defined by soil sampling results indicating the detection of one or more petroleum constituents at or above MTCA Method A cleanup levels and/or by the historical presence of measurable LNAPL in a monitoring well at the Site. No further delineation of the lateral extents has been interpolated beyond the sampling results confirmed at these locations, and no delineation is provided within the shaded area to define the area of petroleum impacts resulting from each of the four confirmed source areas.

To the east, relatively low levels of GRO have been detected along Sanders Street in the borings for monitoring wells MW-42 and MW-43 (see Table 2). However, the relatively shallow depths at which these impacts were detected (9 and 10.5 feet bgs, respectively) suggests that they may have resulted from surface releases at one or both of the service stations located to the east of the

intersection of E. Woodin Avenue and Sanders Street, instead of from one or more of the four source areas currently associated with the Site.¹⁶

To the west of Emerson Street, along E. Woodin Avenue, petroleum impacted soil was previously encountered in the borings for monitoring wells MW-19 and MW-22 (SAIC, 2006). However, the possibility that petroleum impacts at these locations may have originated from a source further to the west, like the former service station at 125 E. Woodin Avenue, has not been confirmed to date. Both of these wells have also contained LNAPL (containing a mix of gasoline and diesel or heating oil) recently, and in the past.

To the north, petroleum impacted soils are known to be present on the property at 136 E. Johnson Avenue, in the vicinity of monitoring well MW-27 (see SRI Phase 5 soil sampling results for soil borings SRI5-8 and SRI5-9 presented in Table 3). However, along the 200 block of E. Woodin Avenue (between Emerson Street and Sanders Street), petroleum impacts associated with the Site have not been encountered north of the alley between E. Woodin and E. Johnson avenues.

To the south, beyond the alley south of E. Woodin Avenue, LNAPL is present in monitoring wells MW-9 and RW-2, and high levels of GRO and BTEX were previously detected in the boring for former monitoring well MW-11. Further to the west, relatively low levels of GRO were detected in the borings for monitoring wells MW-34 and MW-35 (SAIC, 2006). An indication of gasoline LNAPL presence was also detected at the bottom of the LIF boring UHP-2, near monitoring well MW-38. However, this area was not included in the shaded portion shown on Figure 18 because it was not confirmed by laboratory analytical results, and the detection of LNAPL in this area is not consistent with the soil sampling results for monitoring well MW-38, which showed no indications of petroleum impact.

With regard to the lateral extents of petroleum impacted soil at the Site, data gaps still exist regarding:

- The extent of petroleum impacts from each of the currently identified source areas, and the extent of contaminant comingling that may exist; and
- Whether all petroleum sources impacting the Site have been identified.

As previously discussed, it is also considered likely that additional sources have contributed petroleum impacts to the Site, such as the former service station at 125 E. Woodin Avenue, the former station at 229 E. Woodin Avenue, or abandoned USTs that were discovered near the Site during the City's alley utility project in 2022. An example of another potential source is the former presence of a gasoline pump located just east of the Chelan Transfer Company building at 116 S. Emerson Street, which was removed in 1957. In addition, residual oils and cutback bitumen applied to unpaved City streets and alleys over the years may be a non-discrete source material that has impacted Site soils.

¹⁶ At this time, Leidos is not aware of any conclusive evidence that indicates that a petroleum products release has occurred from the UST systems at the operating services stations located at 301 and 302 East Woodin Avenue.

5.5.1.2 Vertical Extents

Due to the geology of the Site area, petroleum impacted soils are generally first encountered at depths of approximately 15 feet bgs, which corresponds with the upper contact of the unit B layer. As previously discussed in Section 5.1.1.1, above this depth a coarse-grained interval consisting of sand with gravel and cobbles has typically been encountered. Results of soil sampling conducted in this coarse interval near the base of the abandoned USTs near 141 E. Woodin Avenue and at 221 E. Woodin Avenue suggest that this coarse material is unlikely to retain petroleum impacts (see SRI Phase 4 soil sampling results for shallow soil borings UST-1 through UST-9 presented in Table 2).

Within unit B, which includes the shallow perched water-bearing zone, petroleum contaminated soil has been encountered to depths of nearly 75 feet (boring SCB-1, SRI Phase 2). In this, and several other soil borings completed for the SRI, the bottom-most extents of petroleum impacts were not delineated due to concerns about potentially compromising the confining layer between unit B and the water-table aquifer.

5.5.2 Impacts to Groundwater

Figure 12 includes groundwater sampling results from the May and November 2023 monitoring events, which are generally representative of current and long-term historical dissolved-phase petroleum concentrations at the Site (Table 6). Petroleum impacted groundwater is generally confined to monitoring wells screened in the shallow perched water-bearing zone. However, petroleum-range organics have been inconsistently detected in the monitoring wells screened in the deeper water-bearing aquifer (MW-30, MW-31, and MW-37), typically at concentrations less than MTCA Method A cleanup levels.

As previously discussed in Section 4.3.2.2, results of the SRI Phase 1 natural attenuation assessment for groundwater indicated that anaerobic geochemical processes including nitrate reduction, ferric iron reduction, and methanogenesis appear to be occurring in source area wells at the Site. These natural biodegradation processes are likely contributing to some reduction of petroleum impacts to groundwater. However, natural biodegradation of petroleum-range hydrocarbons in groundwater by anaerobic processes is expected to occur at very low rates.

5.5.3 Impacts to Soil Vapor

To date, several phases of vapor intrusion assessment have been performed that provide data regarding petroleum impacts to soil vapor at the Site.

In June/July 2003, soil vapor samples were collected from seven paired sets of soil vapor sampling wells. These wells were constructed in adjacent pairs, with the screened interval of one well set near the approximate basement floor depth of the adjacent building (top of screen depths ranged from 8.5 to 12.5 feet bgs) and the screened interval of the second well set at or just above the first field indication of significant petroleum contamination (top of screen depths ranges from 16.5 to 25 feet bgs). Sampling results from these locations, which are presented in Table 4-4 of the 2006 RI/FS Report, indicated significant attenuation of petroleum constituents between the deep and shallow well pairs. Sampling results from the shallow vapor wells were also used to model potential vapor intrusion to indoor air, the results of which suggested that exposure to petroleum chemicals originating from the subsurface are not adversely impacting occupational workers breathing indoor air within the buildings assessed (SAIC, 2006).

In association with SRI Phase 1, Leidos conducted two rounds of Tier 2 vapor intrusion assessment to further evaluate petroleum vapor intrusion potential to buildings with basements that were located in proximity to areas of known petroleum impacts. Sampling events were conducted in June 2015 and February 2016, which included collection of sub-slab and indoor air vapor samples from nine building locations, as well as collection of outdoor air samples from five locations around the Site area. Sampling results indicated that petroleum constituents, primarily BTEX and naphthalene, were detected in indoor air at concentrations exceeding MTCA Method B cleanup levels for indoor air. However, based on the results of the sub-slab and outdoor air samples (see Table 7), Leidos concluded that detections of BTEX and naphthalene in indoor air samples were due to indoor and outdoor air sources that are not attributable to historical petroleum releases at the Site (Leidos, 2015 & 2016).

More recent assessment of potential petroleum impacts to soil vapor was performed as part of SRI Phase 5, which included installation and sampling of two shallow soil vapor sampling wells installed along the north side of E. Woodin Avenue. This work was conducted to assess for potential petroleum vapor intrusion to buildings located in the vicinity of the former service station source areas identified on the properties at 141 and 221 E. Woodin Avenue. Shallow soil vapor sampling wells were installed in November 2020 and sampled on April 16, 2021. Results from the SRI Phase 5 soil vapor sampling event (see Table 8) indicated no exceedances of MTCA Method B soil gas screening levels (Leidos, 2021c). These results were also similar to previous soil vapor sampling results in the following ways:

- BTEX concentrations in the outdoor air samples were higher than those detected in the shallow soil vapor samples.
- Oxygen concentrations in the shallow soil vapor samples ranged from 19 to 20 percent, which indicate that the shallow soils (lithologic unit A, fill/alluvial soils) near these sampling locations are well oxygenated. In the presence of sufficient oxygen, aerobic biodegradation will usually degrade vapor-phase petroleum hydrocarbons before they can intrude into buildings. These results are also consistent with the results of soil vapor sampling performed in 2003 for the RI, which showed significant attenuation of hydrocarbon concentrations between the deep and shallow sampling wells at each location.

5.6 POTENTIAL RECEPTOR AND EXPOSURE PATHWAY ANALYSIS

Potential receptors are individuals or populations that are at risk of being exposed to hazardous substances at, or originating from, a contaminated site. Based on the location and setting of the Site, the following are currently considered potential receptors:

- Humans;
- Terrestrial ecological organisms (e.g., vascular plants, ground-feeding birds, herbivorous small mammals, and ground-feeding small mammal predators).

An exposure pathway is the path that a hazardous substance takes from a source to a receptor. Exposure pathways include transport pathways (how a hazardous substance moves through and across different environmental media) and an exposure route (the path by which hazardous substances may enter a receptor). Examples of exposure routes include:

- Direct contact – Ingestion and/or dermal contact with hazardous substances

- Inhalation – Breathing in hazardous substances in air (dust, vapor, or gases)

5.6.1 Potential Soil Transport and Exposure Pathways

The following tables provide an evaluation of potential transport pathways and exposure routes that may be associated with the presence of petroleum impacted soil at the Site.

Evaluation of Potential Transport Pathways – Soil	
Potential Transport Pathways	Applicability
Migration from soil where LNAPL is present at levels exceeding residual saturation conditions	Transport pathway of minor concern – Widespread LNAPL occurrence in monitoring wells at the Site indicates that LNAPL is mobile. Although LNAPL at the Site is considered laterally stable, and not expanding, some localized migration may occur in response to changes in groundwater elevation or other subsurface conditions.
Leaching to groundwater	Transport pathway of concern – Long-term groundwater sampling data have confirmed petroleum-range hydrocarbon impacts to groundwater. Residual LNAPL remaining in soil will continue to serve as a long-term source for petroleum impacted groundwater.
Volatilization to soil vapor	Transport pathway of concern – Petroleum-range hydrocarbon impacts to soil vapor have been confirmed by soil vapor sampling. However, the results of this work indicate that petroleum constituents in soil vapor are readily attenuated due to the presence of oxygen in shallow soils.

Evaluation of Potential Exposure Routes – Soil	
Potential Exposure Routes	Applicability
Ingestion of, or dermal contact with, contaminated soil	Exposure route of potential concern for future subsurface work – The areas of soil impacted by petroleum-range hydrocarbons at the Site are covered by buildings and pavement and are generally present at depths that would not be encountered by routine construction activities. Therefore, the potential for ingestion or dermal contact by human or ecological receptors is considered limited. However, potential ingestion or dermal contact exposures may be possible for workers, the public, and ecological receptors if impacted soils are exposed during future subsurface construction activities.
Inhalation of hazardous vapors and/or airborne particulates (i.e., dust) in outdoor air	Exposure route of potential concern for future subsurface work – Similar to above, under typical conditions the potential for exposure by inhalation of hazard vapors or dust in outdoor air from contaminated soil is limited. However, potential for exposure by inhalation may exist for workers, the public, and ecological receptors if impacted soils are exposed during future subsurface construction activities.

5.6.2 Potential Groundwater Transport and Exposure Pathways

The following tables provide an evaluation of potential transport pathways and exposure routes that may be associated with the presence of petroleum impacted groundwater at the Site.

Evaluation of Potential Transport Pathways – Groundwater	
Potential Transport Pathways	Applicability
Groundwater migration to a downgradient water-bearing zone	Transport pathway of minor concern – Dissolved-phase petroleum impacts appear to be limited to the shallow perched water-bearing zone. Groundwater within this shallow zone likely slowly recharges the deep water-table aquifer. However, groundwater sampling results from over 20 years show that the deep water-table aquifer is not being impacted by contaminant migration from the shallow perched water-bearing zone (Leidos, 2025). In addition, contaminant modeling presented in the 2006 RI/FS (see Sections 4.4.3 and 4.4.4 of SAIC, 2006) suggested that BTEX compounds are not capable of reaching the deeper aquifer and impacting it at measurable concentrations.
Groundwater discharge to surface water	Not a transport pathway of concern – The perched water-bearing zone does not extend to and does not appear to be in hydraulic connection with Lake Chelan.
Volatilization of dissolved-phase petroleum constituents to soil vapor	Transport pathway of concern – Petroleum-range hydrocarbon impacts to soil vapor have been confirmed by soil vapor sampling. However, the results of this work indicate that petroleum constituents in soil vapor are readily attenuated due to the presence of oxygen in shallow soils.

Evaluation of Potential Exposure Routes – Groundwater	
Potential Exposure Routes	Applicability
Ingestion of, or dermal contact with, contaminated groundwater	Not an exposure route of concern – The perched water-bearing zone and deep aquifer in the vicinity of the Site are not currently used as a source of water for any purpose by any known entities. The perched water-bearing zone has very low yield (approximately 0.1 gpm) and is unlikely to ever be used as a source of water because the lake is an abundant and economical source. Due to the proximity to the lake, construction of a drinking water well into the deep aquifer would not be necessary or economical. Because groundwater is not encountered above depths of 20 to 25 feet bgs, groundwater would not be encountered during routine site development or utility construction activities.

5.6.3 Potential Soil Vapor Transport Pathways and Exposure Pathways

The following tables provide an evaluation of potential transport pathways and exposure routes that may be associated with the presence of petroleum impacted soil vapor at the Site.

Evaluation of Potential Transport Pathways – Soil Vapor	
Potential Transport Pathways	Applicability
Migration to indoor air	Transport pathway of potential future concern – VI assessment results for work performed to date indicate that petroleum constituent concentrations in shallow soil vapor are typically less than those found in outdoor air in the vicinity of the Site. However, the potential for migration of impacted soil vapor to indoor air should be considered for new construction or modifications to existing buildings that will include regular human occupancy of subgrade spaces.

Evaluation of Potential Exposure Routes – Soil Vapor	
Potential Exposure Routes	Applicability
Inhalation	Exposure route of potential future concern – VI assessment results for work performed to date indicate that petroleum constituent concentrations in shallow soil vapor are typically less than those found in outdoor air in the vicinity of the Site. However, the potential for migration of impacted soil vapor to indoor air should be considered for new construction or modifications to existing buildings that will include regular human occupancy of subgrade spaces.

5.6.4 Terrestrial Ecological Evaluation

The 2006 RI/FS included an evaluation performed according to WAC 173-340-7490 to determine whether conditions at the Site may pose a threat to the terrestrial environment. Based on the results of this evaluation, SAIC concluded that the Site was excluded from the requirement to complete a terrestrial ecological evaluation because there is less than 1.5 contiguous acres of undeveloped land on the Site or within 500 feet of the Site and the contamination is limited to petroleum and petroleum hydrocarbons.

6 CLEANUP ACTION OBJECTIVES

This section presents a discussion regarding the objectives for a future cleanup action at the Site. The cleanup action objectives will be utilized as the basis to evaluate various cleanup action alternatives in the future SFS.

The cleanup action objectives for a site include the cleanup standards, which are developed as required under MTCA to define the requirements that must be met to achieve closure of a site. However, cleanup action objectives may also include remediation levels, which define interim endpoints for one or more cleanup action components at complex sites, where multiple cleanup action components may be utilized.

6.1 CLEANUP STANDARDS

Cleanup standards define the requirements that must be achieved by a cleanup. As defined in the Washington Administrative Code (WAC) 173-340-700, cleanup standards consist of the following three components:

- Cleanup levels for the hazardous substances present at a site;
- The location(s) where these cleanup levels must be met (point(s) of compliance); and
- Other regulatory requirements that apply to the site because of the type of action and/or location of the site. These requirements are specified in applicable state and federal laws and are generally established in conjunction with the selection of a specific cleanup action.

6.1.1 Cleanup Levels

A cleanup level defines the concentration of a hazardous substance above which a contaminated medium (e.g., soil, groundwater, or soil vapor) must be remediated in some manner (Ecology, 2013). The MTCA Cleanup Regulation (Ecology, 2024a) provides the following three options for establishing cleanup levels:

- **Method A** – Method A cleanup levels are intended to provide conservative cleanup levels for relatively simple sites undergoing routine cleanup actions or for site with relatively few hazardous substances. Most petroleum-contaminated sites can use this method. Method A provides tables of cleanup levels that are protective of human health for a number of the most common hazardous substances found in soil and groundwater at contaminated sites. For soil, the Method A cleanup level must also be at least as stringent as a concentration that will not result in significant adverse effects on the protection and propagation of terrestrial ecological receptors, unless it can be demonstrated that such impacts are not a concern at the site.
- **Method B** – Method B is the universal method to establish cleanup levels under MTCA. It can be used at any site to develop site-specific cleanup levels for all of the hazardous substances present.
- **Method C** – Method C can only be used under limited circumstances for cleanup at industrial facilities.

The 2006 RI/FS Report proposed use of Method A cleanup levels for the Site because the COCs are limited to petroleum product constituents. Although site-specific cleanup levels could be developed under Method B, these cleanup levels would be expected to be similar to, or more

stringent than, Method A cleanup levels due to the Site COCs, which include benzene, and the presence of petroleum impacts to groundwater, which has not been classified by Ecology as nonpotable.

For some site situations, Method B cleanup levels can be developed for nonpotable groundwater per the requirements of WAC 173-340-720(6). Ecology previously indicated that the shallow perched water-bearing zone would not be classified as nonpotable, despite the fact that this water-bearing zone is not used as a current source of drinking water and groundwater is present in insufficient quantity to yield greater than 0.5 gpm on a sustainable basis. However, further discussion on this topic is warranted, as drinking water cleanup standards are considered unlikely to be achievable in the shallow perched water-bearing zone within a reasonable restoration timeframe.

Use of Method C cleanup levels would not be appropriate for the Site due to current and expected land use, which is not industrial.

Based on the results of the terrestrial ecological evaluation assessment presented in the 2006 RI/FS, conditions at the Site do not require development of site-specific remedial standards for eliminating threats to ecological receptors, or use of cleanup levels based on ecological indicator soil concentrations presented in Table 749-3 of MTCA (Ecology, 2024a). Therefore, soil cleanup standards that are developed based on the protection of human health will be sufficient for the Site.

6.1.2 Points of Compliance

Points of Compliance (POCs) are the locations on a site where cleanup levels must be met. MTCA defines the standard POC for each environmental media (soil, groundwater, air, and surface water). The POC is generally defined as throughout the Site.

For certain environmental media (such as groundwater), MTCA allows for establishment of less stringent conditional points of compliance (CPOCs) if certain specified conditions are met.

6.1.2.1 POCs for Soil

The standard POCs for the exposure pathways of concern for petroleum impacted soil at the Site are:

- Direct-contact – Soils from the ground surface to a depth of 15 feet bgs.
- Soil leaching to groundwater – All soils throughout the Site.
- Terrestrial ecological receptors – The standard POC is all soils throughout the Site from the ground surface to a depth of 15 feet bgs (the reasonable depth of soil that could be excavated during site redevelopment and could result in exposure to ecological organisms). MTCA also allows use of a CPOC for soil from the ground surface to 6 feet bgs for sites with institutional controls preventing excavation of deeper soil.

6.1.2.2 POCs for Groundwater

The standard POC for groundwater under MTCA is defined as “...throughout the site from the uppermost level of the saturated zone to the lowest depth potentially affected by the site” (Ecology, 2024a).

However, under MTCA Ecology may also approve use of CPOCs in cases when it is not practicable to meet groundwater cleanup levels at the standard POC within a reasonable restoration time frame.

Further discussion with Ecology will be necessary to determine whether Ecology will accept CPOCs for groundwater at the Site. Without the use of CPOCs, it is unlikely that Method A cleanup levels for groundwater can be achieved throughout the Site within a reasonable restoration timeframe.

6.1.3 Other Regulatory Requirements

WAC 173-340-710 requires that all cleanup actions conducted under MTCA comply with applicable state and federal laws. Applicable state and federal laws include those that are legally applicable requirements, as well as those requirements that Ecology determines are relevant and appropriate. Applicable, relevant, and appropriate requirements are collectively referred to as ARARs.

For the purpose of this document, a detailed analysis and discussion of potential ARARs is not intended. However, when identified, potential ARARs that may be associated with a specific cleanup action component evaluated in the future SFS will be considered. For example, remediation technologies resulting in the discharge of hazardous substances to the atmosphere may require discharge permitting by a state or regional agency.

6.2 REMEDIATION LEVELS

Remediation level means the concentration (or other method of identification) of a hazardous substance in soil, water, air, or sediment above which a particular cleanup action component will be required as part of a cleanup action at a site. Remediation levels are useful at more complex cleanup sites where cleanup actions often involve a combination of cleanup action components to meet the cleanup standards.

For most sites, it will not be cost-effective to select a single remediation technology to address the full extent of cleanup necessary to achieve the cleanup standards for the site. Instead, it is usually beneficial to focus one or more cleanup action components on the early stages of the cleanup, when contaminant levels are highest, and one or more other cleanup action components on later stages of the cleanup when contaminants concentrations have decreased, but still remain above the site cleanup levels. For these situations, remediation levels may be established using established metrics to define the start or end points for use of a particular cleanup action component. Examples of potential remediation levels that may be considered for the Site include:

- Utilizing LNAPL transmissivity testing results to define the end point of hydraulic recovery of LNAPL.
- Using site-specific Method B cleanup levels for direct contact to the standard point of compliance for soil to define the end point for certain institutional controls on property use.
- Using asymptotic hydrocarbon mass removal rates to define the end point for operation of a remediation system.

6.3 SUMMARY OF CLEANUP ACTION OBJECTIVES FOR REMEDY SELECTION

Based on regulatory requirements discussed in the preceding subsections, the following cleanup action objectives are currently proposed to move forward with the SFS process for the Site:

- Address mobile interval of gasoline-range LNAPL and diesel/heating oil-range LNAPL to satisfy Ecology media-specific cleanup action requirements [WAC 173-340-360(3)(c)(iii)(A)].
- Achieve Method A, or site-specific Method B cleanup levels in soil and groundwater if Ecology determines that groundwater in the shallow perched water-bearing zone is nonpotable. Further discussion with Ecology will also be required to determine the POCs to be used for groundwater cleanup at the Site.
- Address petroleum impacts to soil to the extent necessary to achieve Site cleanup levels. It is currently assumed that soil cleanup levels for the Site will be driven by protection of groundwater. Therefore, evaluation and development of soil cleanup levels for the Site will be conducted following Ecology's determination on groundwater cleanup levels.

7 CONCLUSIONS

As required by the 2014 Agreed Order, an SRI was completed at the Site in order to confirm protection of receptors, update the CSM, and provide information to design a workable remedy.

As presented in Section 5.6 of this report, “Potential Receptor and Exposure Pathway Analysis”, the results of environmental investigations performed to date indicate that petroleum contamination present at the Site does not result in complete exposure routes for the general public, terrestrial ecological organisms, or Lake Chelan under the current land use conditions. However, it must also be acknowledged that relatively extensive petroleum impacts to soil, groundwater, and soil vapor are present at the Site, and that there is potential for exposure to these hazardous substances under certain future conditions. These scenarios may include subgrade utility or other excavation work approaching or exceeding depths of approximately 15 feet bgs, and new construction or modification to existing buildings that would include regular human occupancy of subgrade spaces.

The results of the SRI have been incorporated into and used to update the current CSM. The following conclusions presented in the previous CSM (SAIC, 2006) have been further supported or modified based on the findings of the SRI:

- Results of SRI Tier 1 and Tier 2 VI assessments have provided additional evidence to support previous findings that VI is not an exposure pathway of concern under current conditions at the Site.
- Results of continued groundwater monitoring and the SRI groundwater elevation study have provided additional data indicating that the presence of LNAPL and dissolved-phase petroleum impacts in the shallow perched water-bearing zone are not a threat to water quality in Lake Chelan.
- Additional data was collected to confirm previous suggestions that other sources (beyond the Chevron station) are involved with the large zone of petroleum contamination along the Woodin Avenue corridor, and that these sources contribute a significant percentage of the LNAPL present at the Site.
- Results of the LNAPL delineation, forensics, and transmissivity testing activities have resulted in significant revisions to our view of the CSM regarding the presence of LNAPL at the Site. The 2006 RI/FS Report suggested the presence of a generally continuous gasoline LNAPL plume with a volume of non-residual LNAPL of up to 300,000 gallons¹⁷, as well as a smaller diesel LNAPL plume in the vicinity of monitoring well MW-22. However, the results of the SRI and other recent investigations suggest that the presence of mobile LNAPL is more laterally and vertically constrained than

¹⁷ The 2006 RI/FS Report stated that calculating a total LNAPL volume for the Site was not recommended or technically accurate. Because Ecology requested a volume number be included in the 2006 RI/FS, a range of 140,000 to 300,000 gallons was calculated; however, this volume was noted as being an overestimate, potentially by an order of magnitude or more. The calculation used to develop this estimate, which assumed that over 30 percent of the volume of a silty loam soil would be completely saturated with nonresidual LNAPL, is not consistent with current LNAPL science, which recognizes the role that pore-entry pressure plays in limiting LNAPL saturation and movement, especially in fine-grained soils.

previously believed. The presence of LNAPL in multiple monitoring wells located throughout the Site instead appears to be an artifact of the multiple petroleum sources present, in combination with some degree of previous migration through preferential pathways in the fine-grained soil matrix of lithologic unit B. Although mobile LNAPL continues to drain and collect over time in the low-pressure voids provided by several monitoring wells at the Site, transmissivity data collected for the SRI suggest that conditions at the Site are generally not conducive to efficient LNAPL recovery by hydraulic methods.

- In the vicinity of petroleum sources, such as the abandoned USTs identified on the properties at 141 E. Woodin Avenue and 221 E. Woodin Avenue, soil sampling results indicate that LNAPL is primarily present in soils at and below the interface of unit A and the finer grained and less permeable soils of unit B. LNAPL in source areas appears to readily migrate down through unit A and concentrate near the top of fine-grained unit B, then gradually migrate laterally and infiltrate downward, reaching preferred pathways. LNAPL likely enters monitoring wells through these pathways, typically represented by thin intervals of relatively coarser material in the finer-grained soil of unit B.

Based on the results of the SRI, Leidos believes that sufficient investigations have been conducted to adequately characterize the distribution of petroleum impacts at the Site and the threat they pose to human health and the environment, such that work to develop cleanup standards and develop and evaluate cleanup action alternatives may be continued under the SFS. However, data gaps at this large Site do continue to exist regarding the number and locations of all sources that may have impacted the Site and the localized extent of contamination, and/or extent of contaminant comingling, associated with each of these sources. In addition, data gaps exist regarding the contents of at least four known or suspected abandoned USTs remaining at the Site, and their potential for further releases of legacy petroleum product residuals. Further investigation, in the form of additional treatability or pilot-scale testing, will also likely be necessary to evaluate cleanup action alternatives and/or to support the design of a workable remedy for the Site.

8 REFERENCES

- ANSR (2011a). “Confined LNAPL: Definition, Conditions, and Terminology.” Applied NAPL Science Review, Volume 1, Issue 5. May.
- ANSR (2011b). “Perched LNAPL.” Applied NAPL Science Review, Volume 1, Issue 6. June.
- ANSR (2012). “Mechanisms for LNAPL to Enter Confined Conditions.” Applied NAPL Science Review, Volume 2, Issue 4. June.
- API (2012). “A User Guide for API LNAPL Transmissivity Spreadsheet: A Tool for Baildown Test Analysis.” American Petroleum Institute. January.
- Arcadis (2020a). “2018 Groundwater Monitoring Summary Report, Chevron Service Station No. 96590.” July 8.
- Arcadis (2020b). “2019 Groundwater Monitoring Summary Report, Chevron Service Station No. 96590.” July 8.
- Ecology (2024a). “Model Toxics Control Act.” Washington State Department of Ecology Publication No. 94-06. Revised January 2024.
- Ecology (2024b). “Identifying Likely Vulnerable Populations and Overburdened Communities under the Cleanup Regulations.” Washington State Department of Ecology, Implementation Memorandum No. 25. January 2024.
- ITRC (2009). “Evaluating LNAPL Remedial Technologies for Achieving Project Goals.” Interstate Technology and Regulatory Council. December.
- ITRC (2018). “LNAPL Site Management: LCSM Evolution, Decision Process, and Remedial Technologies (LNAPL-3).” Interstate Technology and Regulatory Council. March.
- ITRC (2019). “Implementing Advanced Site Characterization Tools (ASCT-1).” Interstate Technology and Regulatory Council. December.
- LCHS (2000). “History Notes 1999-2000.” Volume XV, Lake Chelan Historical Society.
- LCHS (2001). “History Notes 2000-2001.” Volume XVI, Lake Chelan Historical Society.
- Leidos (2015). “Supplemental Remedial Investigation Report – Phase 1, Chevron Service Station No. 9-6590.” December 14.
- Leidos (2016). “Summary of February 2016 Tier 2 Vapor Intrusion Assessment Sampling Event.” June 6.
- Leidos (2017). “Agency Review Draft Supplemental Remedial Investigation Report – Phase 2, Chelan Chevron.” May 31.
- Leidos (2018). “Groundwater Monitoring Summary Report, December 2015 – December 2017, Chelan Chevron.” June 22.
- Leidos (2019). “Agency Review Draft Supplemental Remedial Investigation Report – Phase 4, Chelan Chevron.” July 8.
- Leidos (2020). “Agency Review Draft Supplemental Remedial Investigation Report – Phase 3, Chelan Chevron.” August 17.

- Leidos (2021a). “Agency Review Draft Supplemental Remedial Investigation Report – Phase 5, Chelan Chevron.” April 27.
- Leidos (2021b). “2020 Groundwater Monitoring Summary Report, Chelan Chevron Site.” August 27.
- Leidos (2021c). “SRI Phase 5 Soil Vapor Investigation Summary Report, Chelan Chevron Site.” November 8.
- Leidos (2022). “Summary of Soil Assessment Activities Performed for City of Chelan Columbia to Sanders Water and Sewer Main Replacement Project.” June 15.
- Leidos (2023a). “2022 Groundwater Monitoring Summary Report, Chelan Chevron Site.” April 11.
- Leidos (2023b). “SRI Phase 5 Groundwater Elevation Study Summary Report, Chelan Chevron Site.” May 26.
- Leidos (2025). “Final 2023 Groundwater Monitoring Summary Report, Chelan Chevron Site.” February 28.
- Montgomery Water Group, Inc., Adolfson Associates, Inc., Hong West & Associates, Inc., R2 Resource Consultants, Inc., Marshall and Associates, Inc., and Washington Department of Ecology. (1995). “Draft, Initial Watershed Assessment Water Resources Inventory Area 47 Chelan Watershed.” June 8.
- SAIC (2006). “Final Remedial Investigation/Feasibility Study Report, Chevron Service Station No. 9-6590.” December.
- SES (2022). “Underground Storage Tank Decommissioning and Soil Sampling Report – Chelan, WA.” March 9.
- SES (2024). “Underground Storage Tank Decommissioning Report, Former Unocal Station, 221 East Woodin Avenue, Chelan, Washington 98816.” April 8.
- Tabor, R.W., Jr., V.A. Frizell, Jr., J.T. Whetten, R.B. Waitt, D.A., Swanson, G.R. Byerly, D.B. Booth, M.J. Hetherington, and R.E. Zartman (1987). “Geologic Map of the Chelan 30-Minute by 60-Minute Quadrangle, Washington.” U.S. Geological Survey, Miscellaneous Investigations Series Map I-1661, 1:100,000 scale.

LIMITATIONS

This technical document was prepared on behalf of RELLC and is intended for their sole use and for use by the local, state, or federal regulatory agency that the technical document was sent to by Leidos. Any other person or entity obtaining, using, or relying on this technical document hereby acknowledges that they do so at their own risk, and Leidos shall have no responsibility or liability for the consequences thereof.

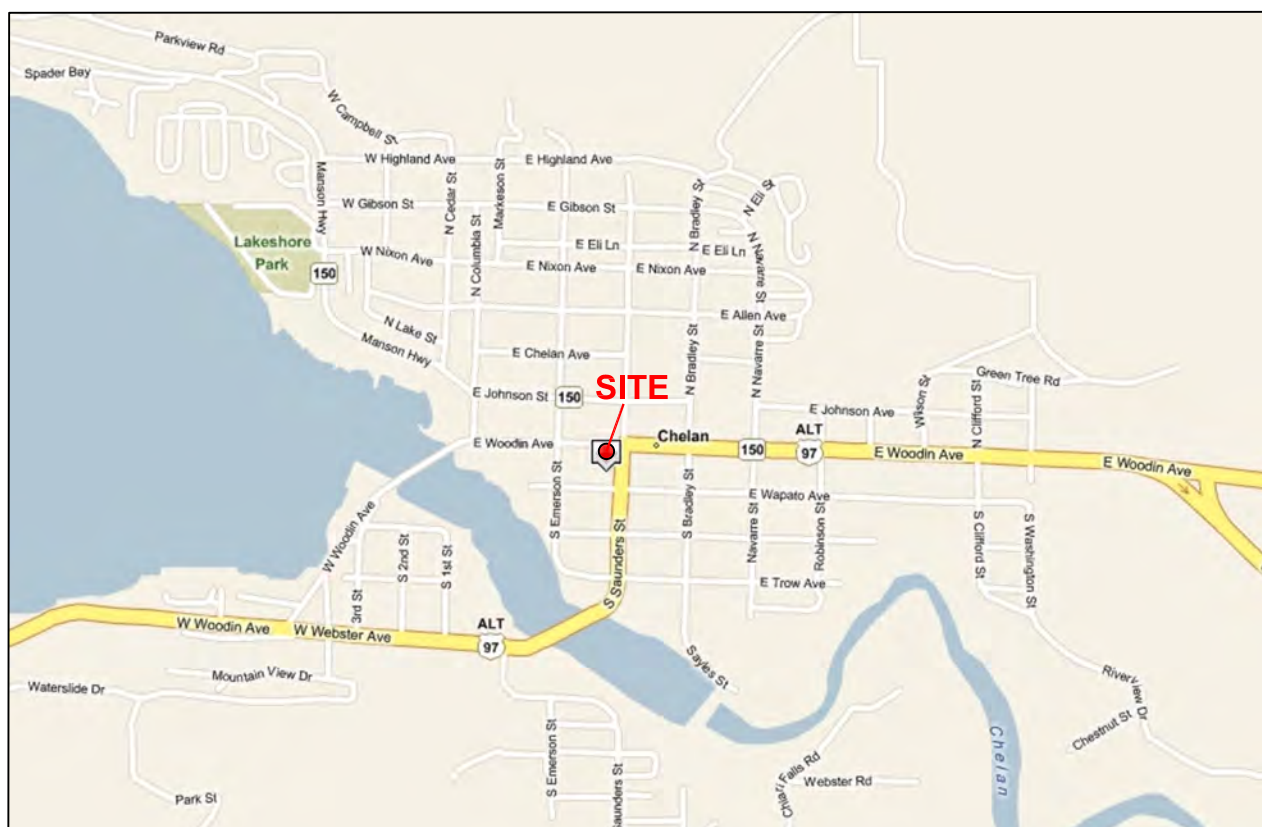
Site history and background information provided in this technical document are based on sources that may include interviews with environmental regulatory agencies and property management personnel and a review of acquired environmental regulatory agency documents and property information obtained from RELLC and others. Leidos has not made, nor has it been asked to make, any independent investigation concerning the accuracy, reliability, or completeness of such information beyond that described in this technical document.

Recognizing reasonable limits of time and cost, this technical document cannot wholly eliminate uncertainty regarding the vertical and lateral extent of impacted environmental media.

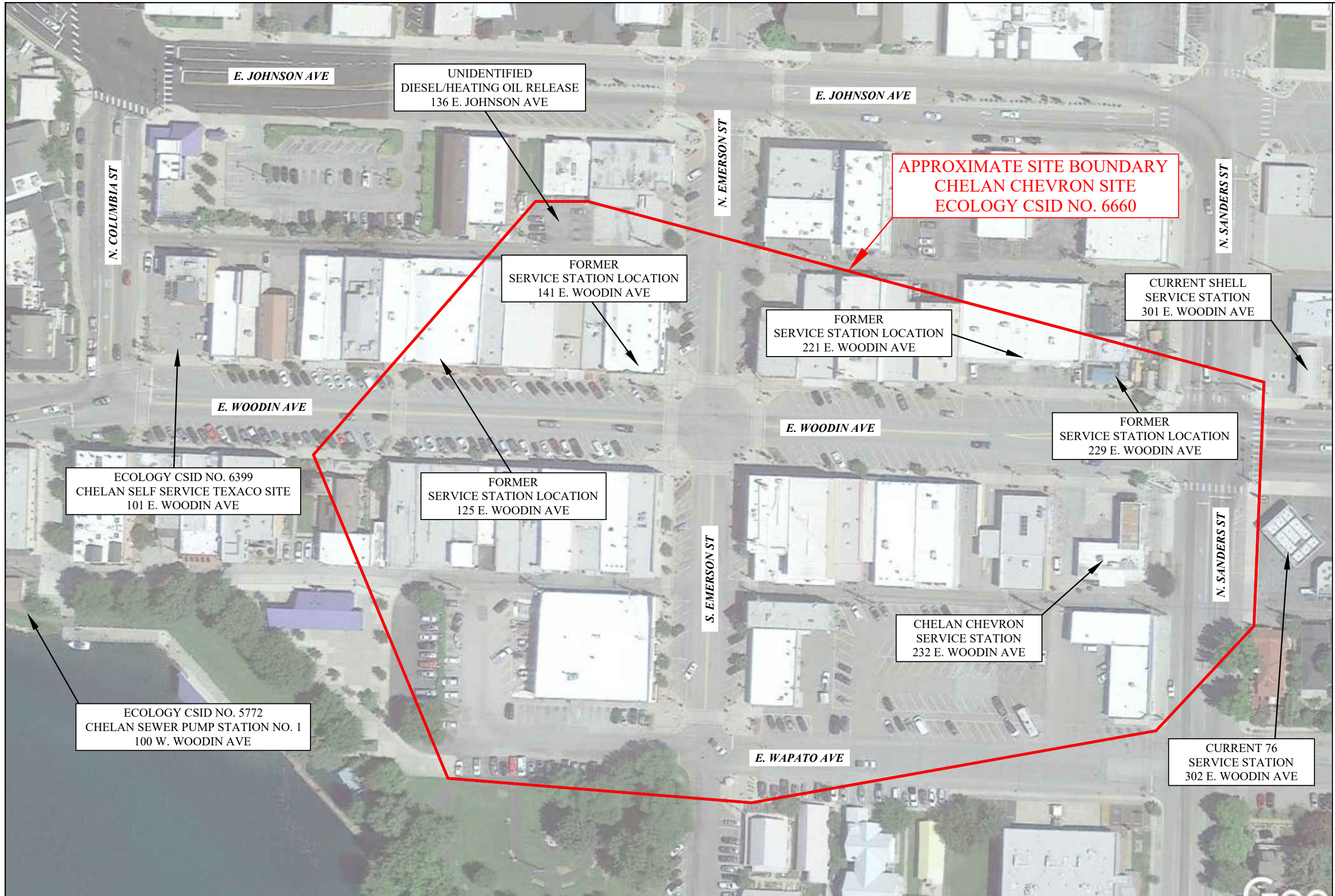
Opinions and recommendations presented in this technical document apply only to site conditions and features as they existed at the time of Leidos site visits or site work and cannot be applied to conditions and features of which Leidos is unaware and has not had the opportunity to evaluate.

All sources of information on which Leidos has relied in making its conclusions (including direct field observations) are identified by reference in this technical document or in appendices attached to this technical document. Any information not listed by reference or in appendices has not been evaluated or relied on by Leidos in the context of this technical document. The conclusions, therefore, represent our professional opinion based on the identified sources of information.

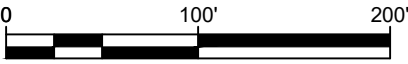
Figures



Maps Provided by Google Maps



NOTES
Base Map Source: Google Earth
Imagery Date: 7/1/2017



Chelan Chevron Site
Chelan, Washington

FIGURE 2
Site Area Map



- LEGEND**
- MW-2 PERCHED GROUNDWATER MONITORING WELL
 - MW-30 DEEP GROUNDWATER MONITORING WELL
 - MW-1 ABANDONED DRY MONITORING WELL
 - 204 STREET ADDRESS

NOTES

Base Map from City of Chelan, 1994

Additional Reference Material:
Aerial Photograph from September 1991
(Washington State Department of Natural Resources)

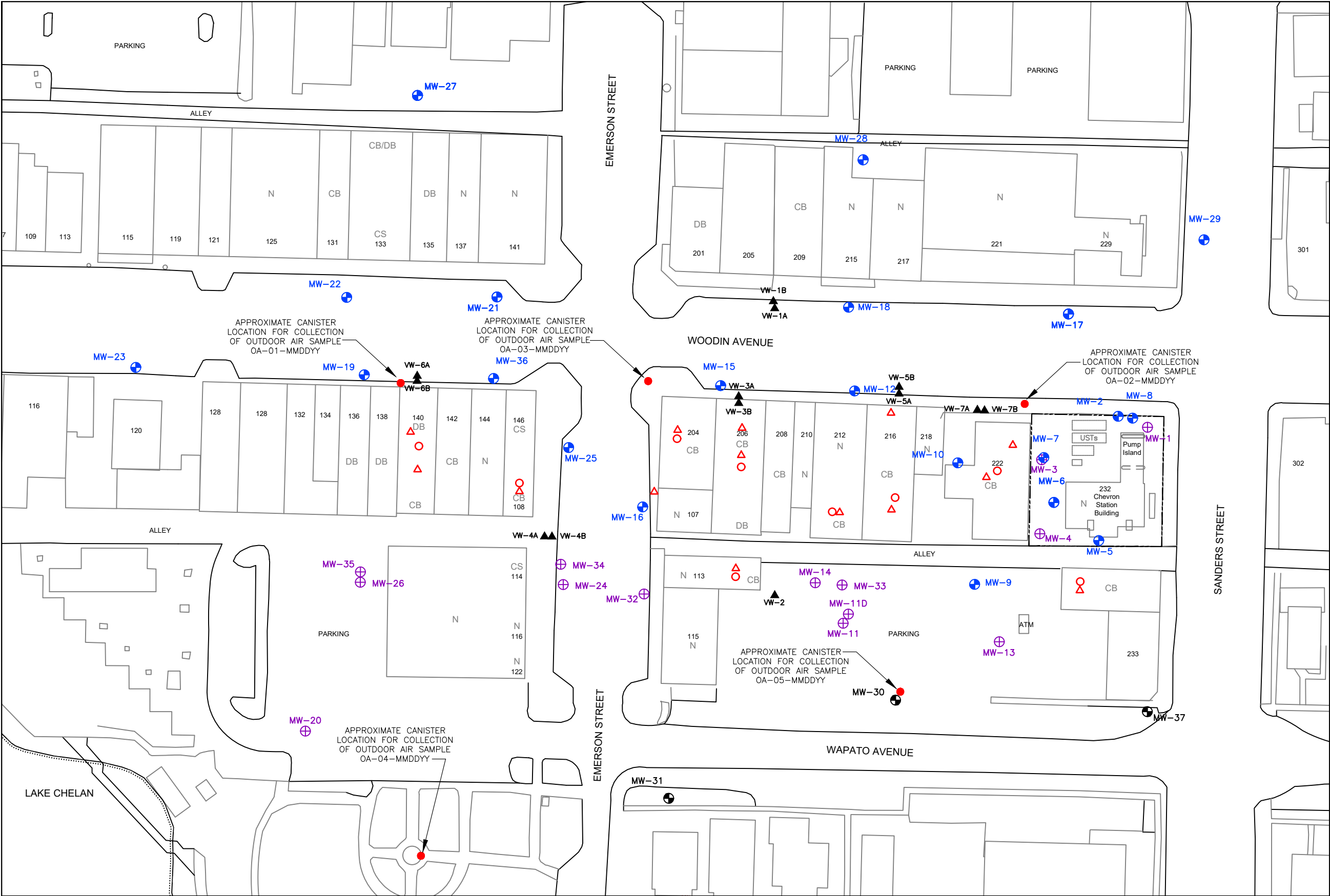
0 80' 160'



Chelan Chevron Site
Chelan, Washington

FIGURE 3
Site Map

FILE NAME: Chelan_Site Map_2021.dwg	DATE: 1/21/2025



- LEGEND**
- MW-2 PERCHED GROUNDWATER MONITORING WELL
 - MW-30 DEEP GROUNDWATER MONITORING WELL
 - MW-1 ABANDONED DRY MONITORING WELL
 - VW-1A EXISTING SOIL VAPOR MONITORING WELL
 - APPROXIMATE SRI PHASE 1 SUB-SLAB SOIL VAPOR PROBE LOCATION
 - APPROXIMATE SRI PHASE 1 INDOOR AIR SAMPLING LOCATION
 - APPROXIMATE SRI PHASE 1 OUTDOOR AIR SAMPLING LOCATION
 - N NO BASEMENT
 - CB CONCRETE-FLOORED BASEMENT
 - DB DIRT-FLOORED BASEMENT
 - CS CRAWL SPACE (DIRT)
 - 204 STREET ADDRESS

NOTES

Base Map from City of Chelan, 1994

Additional Reference Material:
Aerial Photograph from September 1991
(Washington State Department of Natural Resources)

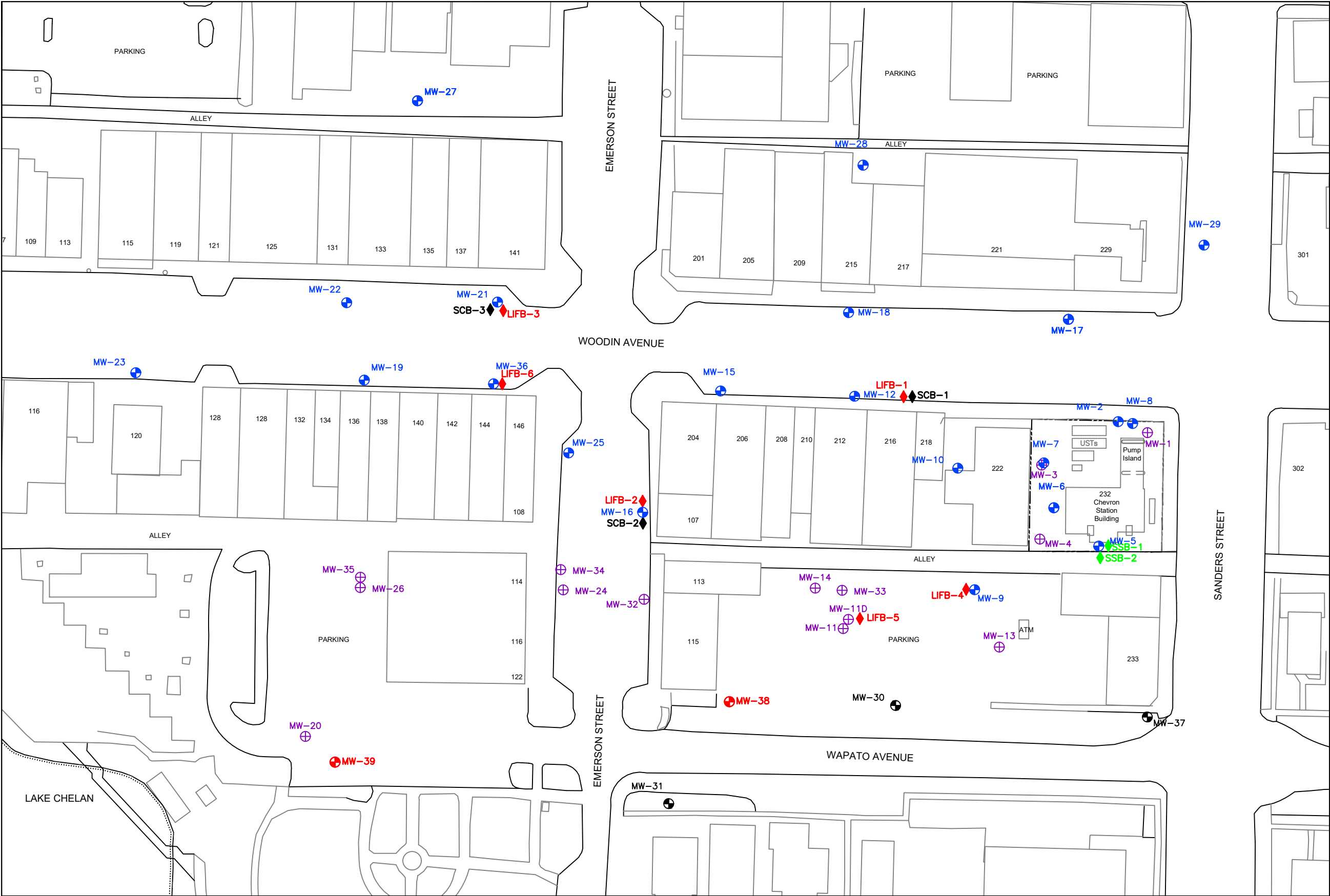
0 80' 160'

FIGURE 4
SRI Phase 1 Investigation Locations

FILE NAME: Chelan_Site Map_2015.dwg	DATE: 1/13/2025



Chelan Chevron Site
Chelan, Washington



LEGEND

MW-2 PERCHED GROUNDWATER MONITORING WELL

MW-30 DEEP GROUNDWATER MONITORING WELL

MW-1 ABANDONED DRY MONITORING WELL

MW-38 SRI PHASE 2 GROUNDWATER MONITORING WELL LOCATION

LIFB-1 SRI PHASE 2 LIF BORING LOCATION

SCB-1 SRI PHASE 2 SOIL CORE AND SOIL CONFIRMATION SAMPLING LOCATION

SSB-1 SRI PHASE 2 SHALLOW SOIL SAMPLING LOCATION

204 STREET ADDRESS

NOTES

Base Map from City of Chelan, 1994

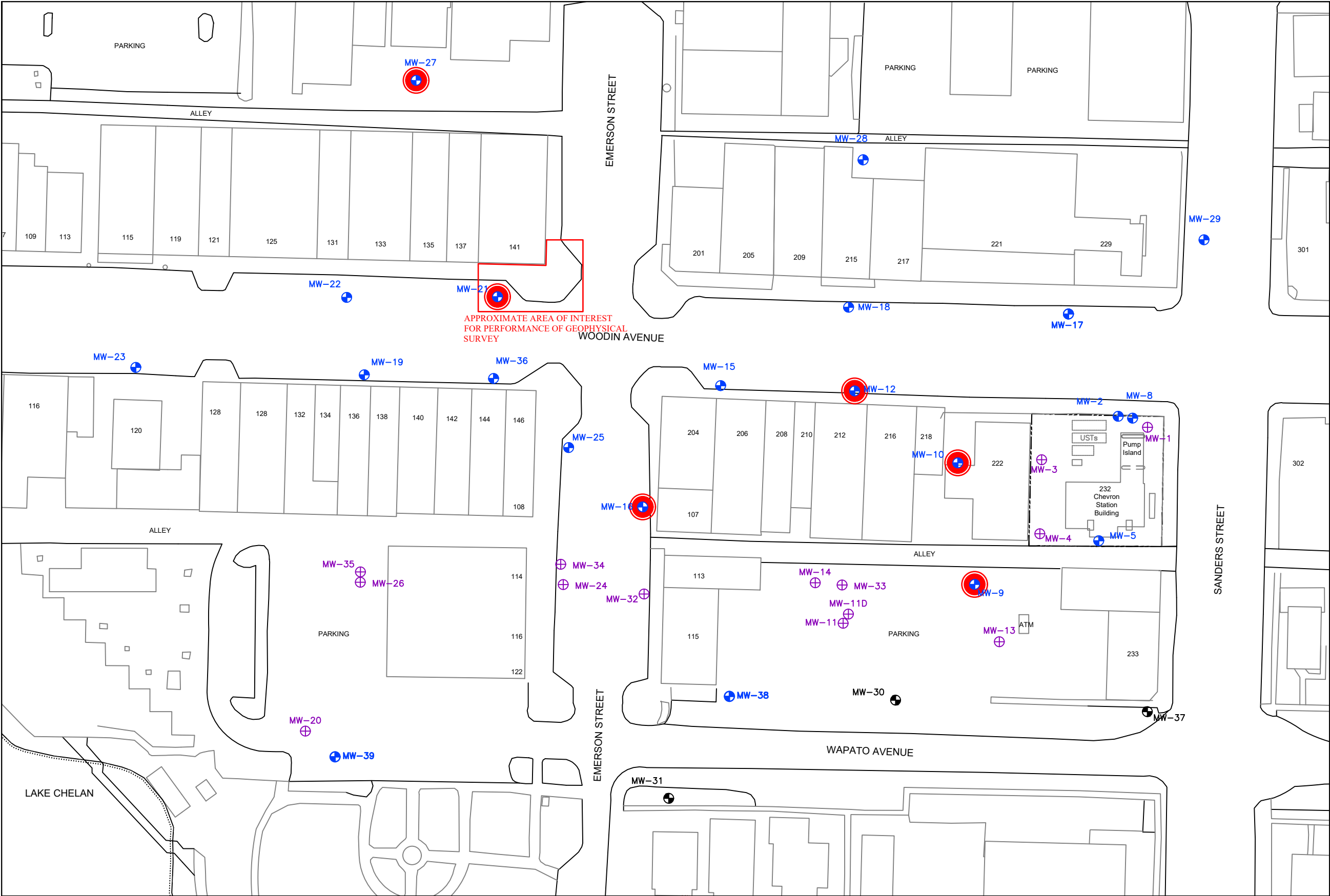
Additional Reference Material:
Aerial Photograph from September 1991
(Washington State Department of Natural Resources)

0 80' 160'

FIGURE 5

SRI Phase 2 Investigation Locations

FILE NAME:	DATE:
96590_Site Map_2019.dwg	1/21/2025



LEGEND

MW-2 PERCHED GROUNDWATER MONITORING WELL

MW-30 DEEP GROUNDWATER MONITORING WELL

MW-1 ABANDONED DRY MONITORING WELL

MONITORING WELLS INCLUDED IN SRI PHASE 3 LNAPL TRANSMISSIVITY TESTING AND REDEVELOPMENT FIELD ACTIVITIES

NOTES

Base Map from City of Chelan, 1994

Additional Reference Material:
Aerial Photograph from September 1991
(Washington State Department of Natural Resources)

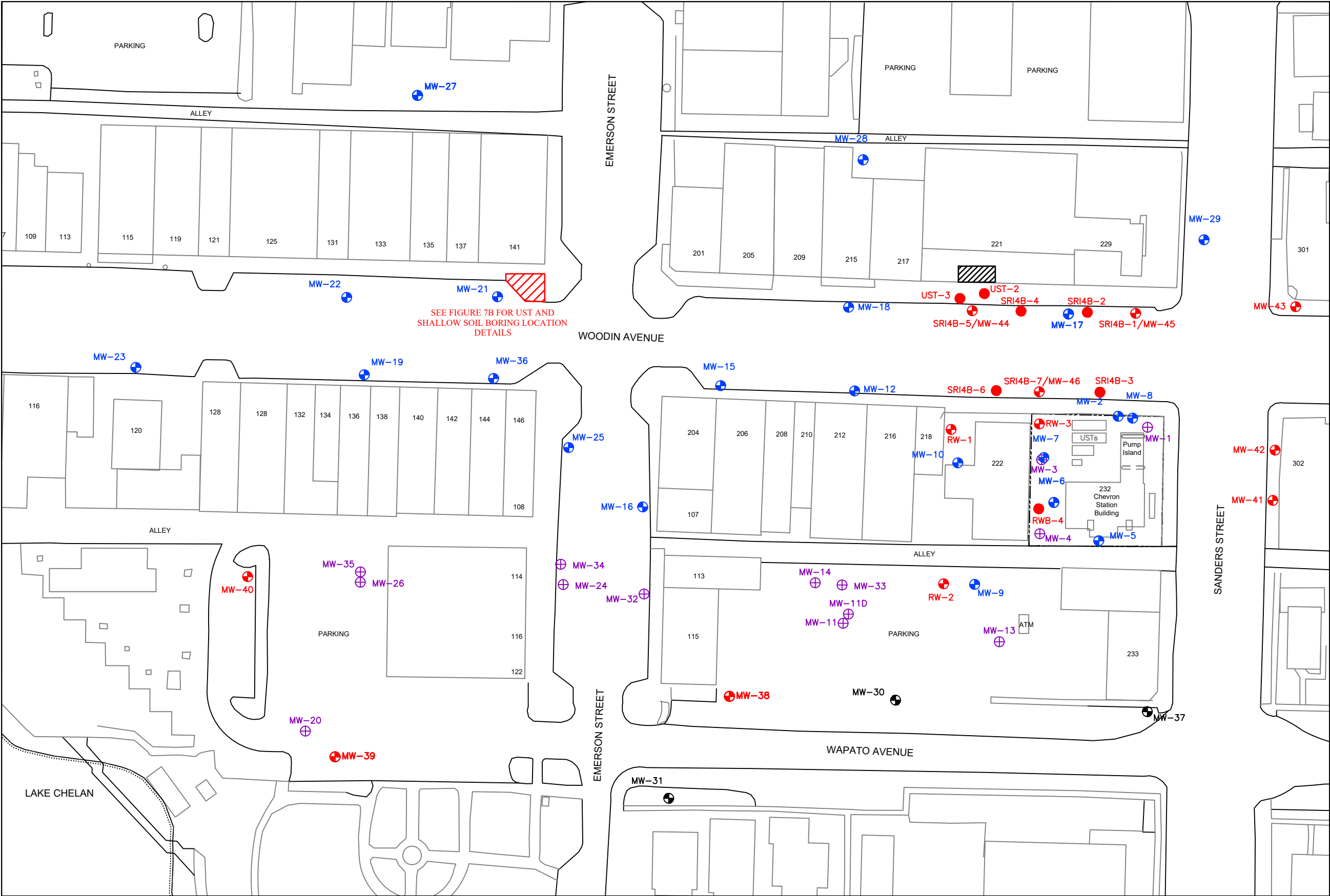
0 80' 160'

FIGURE 6
SRI Phase 3 Investigation Locations

FILE NAME: 96590_Site Map_2023.dwg	DATE: 1/21/2025



Chelan Chevron Site
Chelan, Washington



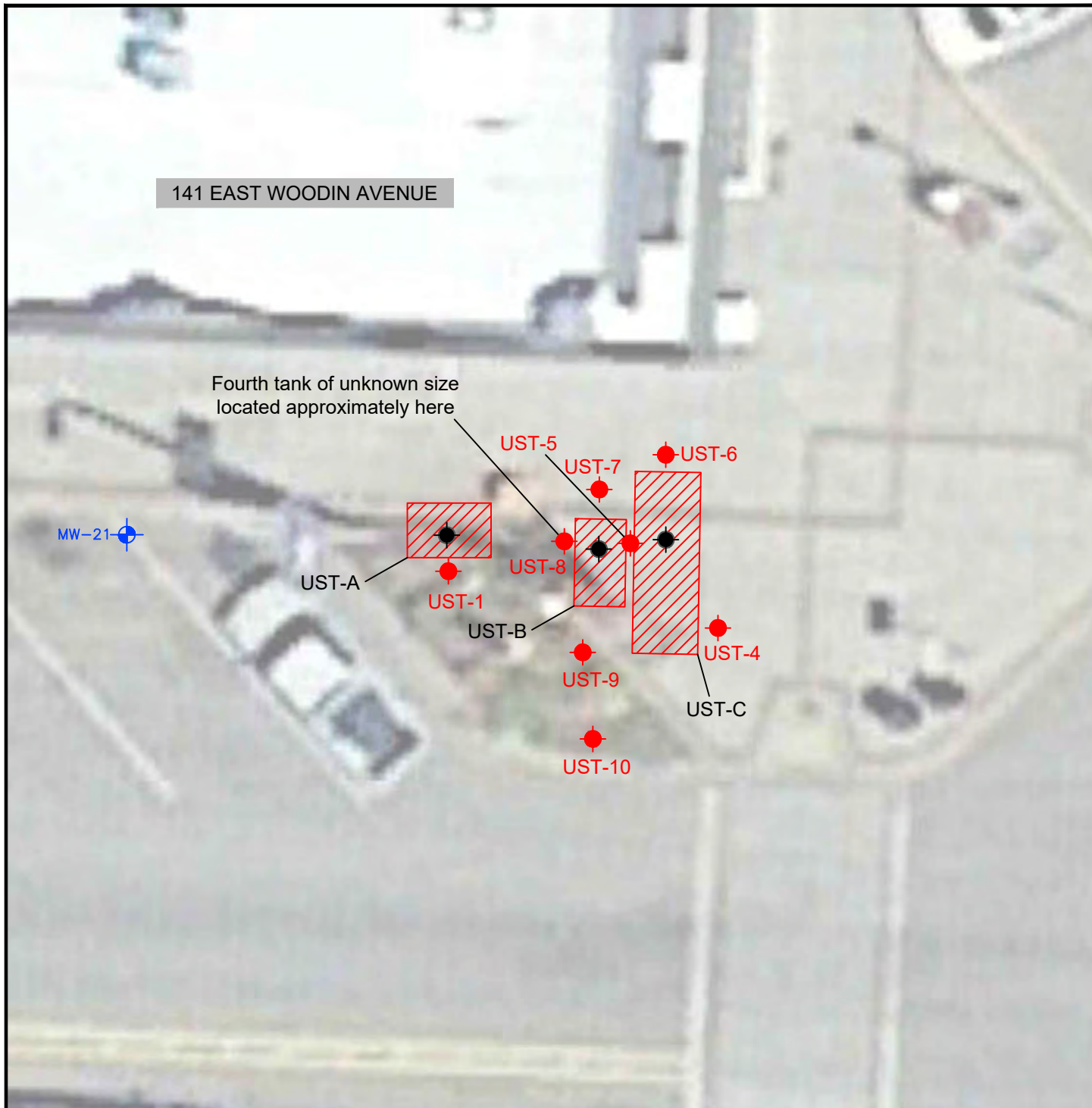
- LEGEND**
- MW-2 EXISTING PERCHED GROUNDWATER MONITORING OR RECOVERY WELL
 - MW-30 EXISTING DEEP GROUNDWATER MONITORING WELL
 - MW-1 EXISTING ABANDONED DRY MONITORING WELL
 - MW-44 SRI 4 SOIL BORING/MONITORING WELL LOCATION
 - SRI4B-2 SRI 4 SOIL BORING LOCATION
 - APPROXIMATE AREA OF SOIL BORING INVESTIGATION AT UNDOCUMENTED UST BASIN
 - APPROXIMATE AREA OF SUSPECTED UST BASIN (SEE GEOPHYSICAL SURVEY SUMMARY REPORT FOR ADDITIONAL LOCATION DETAILS)

NOTES

Base Map from City of Chelan, 1994

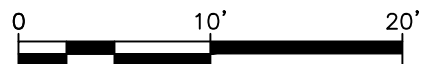
Additional Reference Material:
Aerial Photograph from September 1991
(Washington State Department of Natural Resources)

0 80' 160'



LEGEND

- MW-21 EXISTING MONITORING WELL LOCATION
- SRI PHASE 4 UST CONFIRMATION BORING LOCATION
- UST-1 SRI PHASE 4 SHALLOW SOIL BORING LOCATION
- APPROXIMATE OUTLINE OF CONFIRMED UST AS DELINEATED BY GROUND PENETRATING RADAR

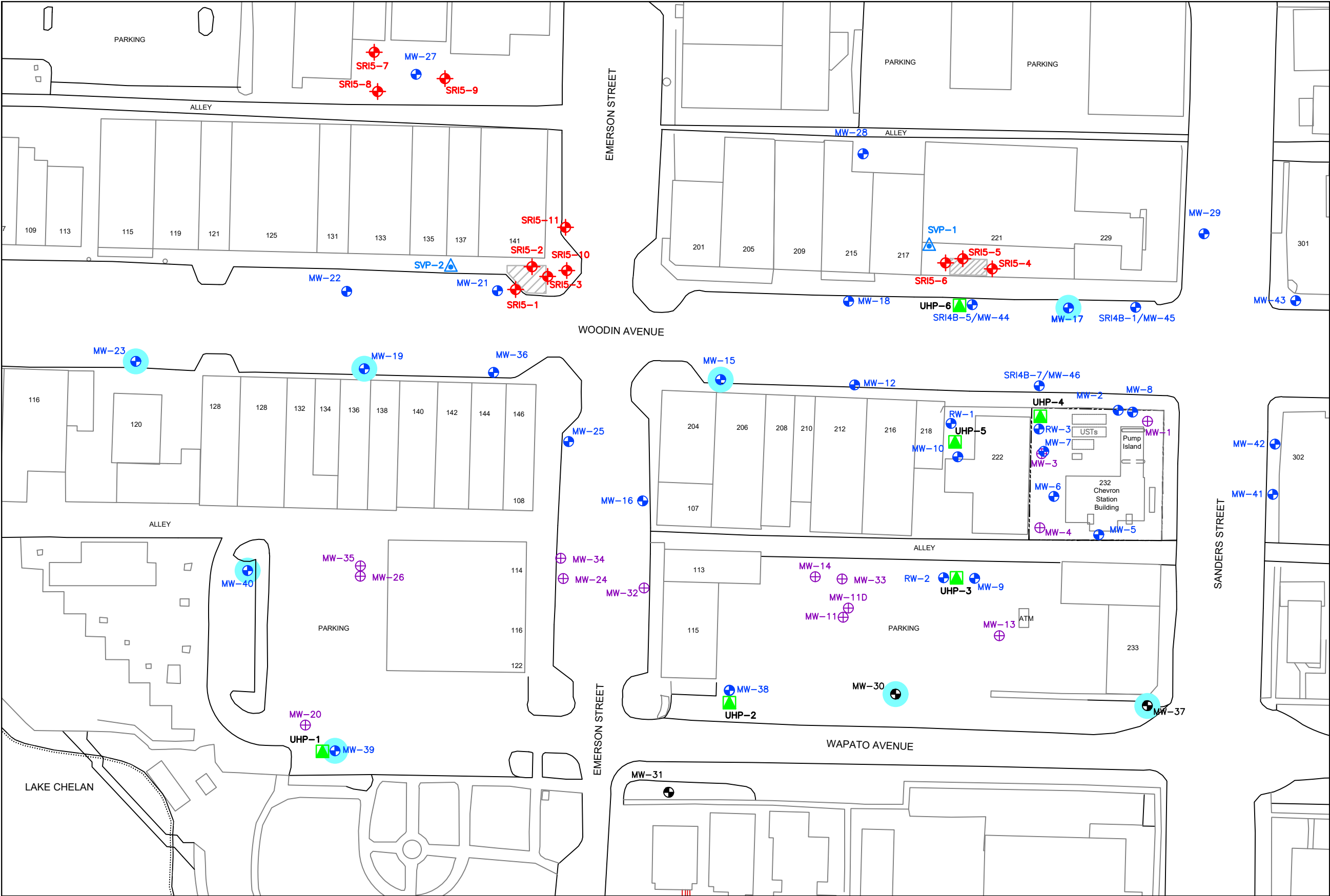


Chelan Chevron Site
Chelan, Washington

FIGURE 7B
SRI Phase 4 Investigation Locations - 2

FILE NAME:
96590_SRI 4 Maps.dwg

DATE:
1/21/2025



LEGEND

- MW-2 EXISTING PERCHED GROUNDWATER MONITORING OR RECOVERY WELL
- MW-30 EXISTING DEEP GROUNDWATER MONITORING WELL
- MW-1 EXISTING ABANDONED DRY MONITORING WELL
- SRI5-1 SRI PHASE 5 SHALLOW SOIL BORING LOCATION
- SVP-1 SRI PHASE 5 SOIL VAPOR SAMPLING PROBE LOCATION
- UHP-1 SRI PHASE 5 UVOST-HP BORING LOCATION
- APPROXIMATE AREA OF ABANDONED UST BASIN
- MONITORING WELLS EQUIPPED WITH DATA-LOGGING PRESSURE TRANSDUCERS FOR SRI PHASE 5 GROUNDWATER ELEVATION STUDY

NOTES

Base Map from City of Chelan, 1994

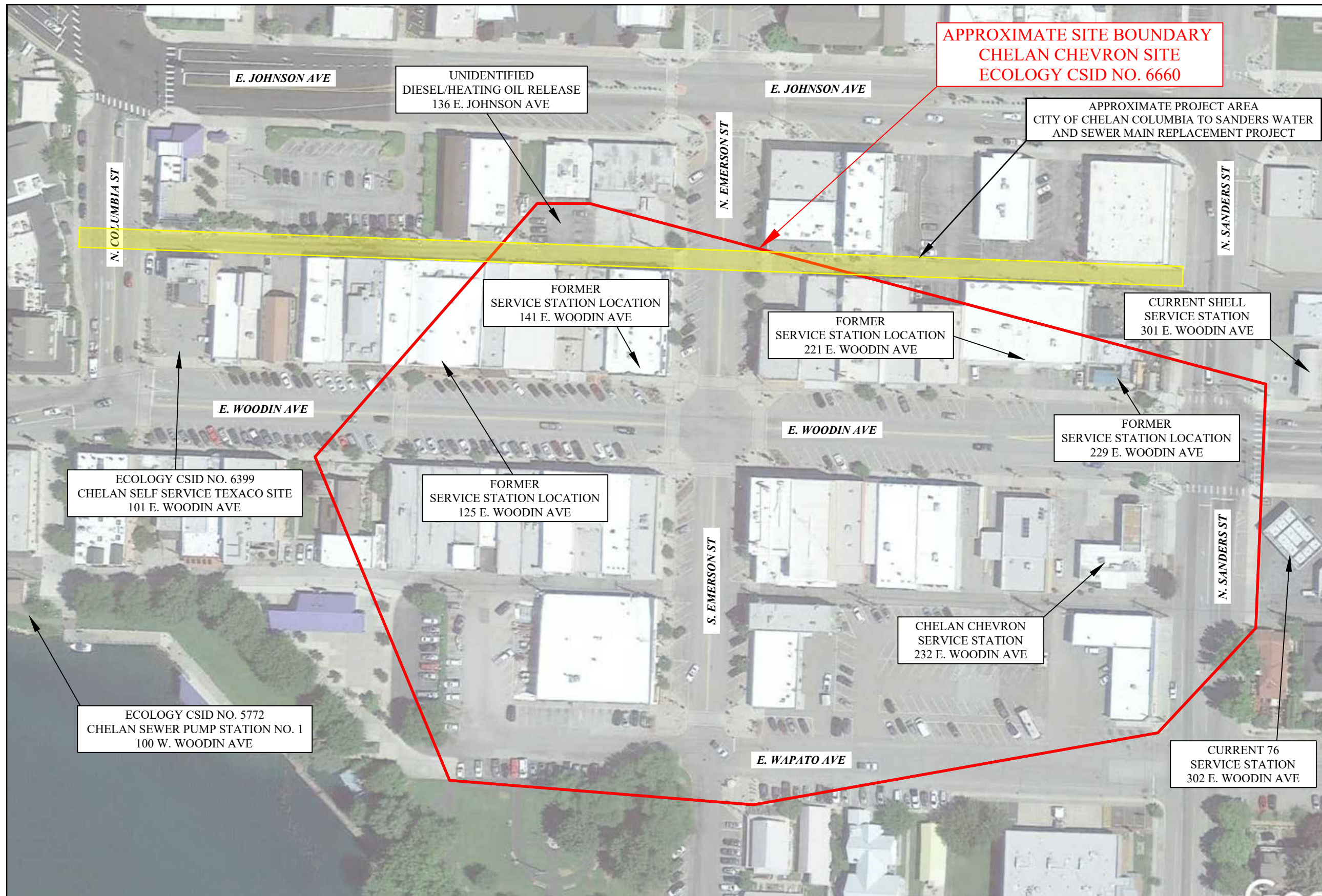
Additional Reference Material:
Aerial Photograph from September 1991
(Washington State Department of Natural Resources)

0

80'

160'

N



APPROXIMATE SITE BOUNDARY
CHELAN CHEVRON SITE
ECOLOGY CSID NO. 6660

APPROXIMATE PROJECT AREA
CITY OF CHELAN COLUMBIA TO SANDERS WATER
AND SEWER MAIN REPLACEMENT PROJECT

UNIDENTIFIED
DIESEL/HEATING OIL RELEASE
136 E. JOHNSON AVE

FORMER
SERVICE STATION LOCATION
141 E. WOODIN AVE

FORMER
SERVICE STATION LOCATION
221 E. WOODIN AVE

CURRENT SHELL
SERVICE STATION
301 E. WOODIN AVE

FORMER
SERVICE STATION LOCATION
229 E. WOODIN AVE

FORMER
SERVICE STATION LOCATION
125 E. WOODIN AVE

ECOLOGY CSID NO. 6399
CHELAN SELF SERVICE TEXACO SITE
101 E. WOODIN AVE

CHELAN CHEVRON
SERVICE STATION
232 E. WOODIN AVE

CURRENT 76
SERVICE STATION
302 E. WOODIN AVE

ECOLOGY CSID NO. 5772
CHELAN SEWER PUMP STATION NO. 1
100 W. WOODIN AVE



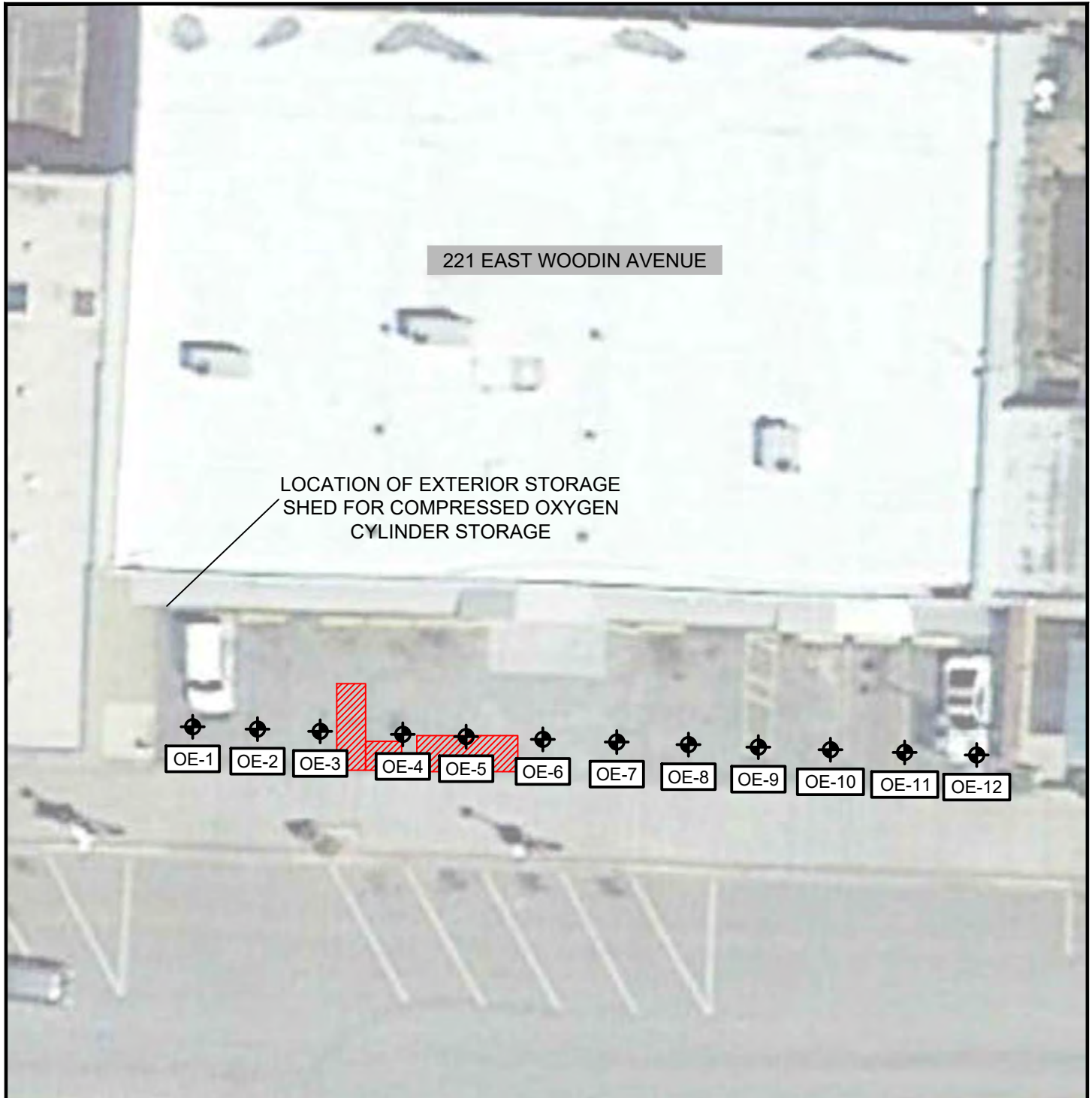
NOTES
Base Map Source: Google Earth
Imagery Date: 7/1/2017



Chelan Chevron Site
Chelan, Washington

FIGURE 9
City of Chelan Utility Project Area

FILE NAME: Comp SRI Figures_01.dwg
DATE: 1/13/2025



LEGEND

- OE-1**  LOCATION OF 4-INCH DIAMETER OXYGEN EMITTER WELL
-  APPROXIMATE LOCATION OF UNDOCUMENTED UST
DISCOVERED NOVEMBER 2020 AND CLOSED IN MARCH 2024.

0 10' 20'

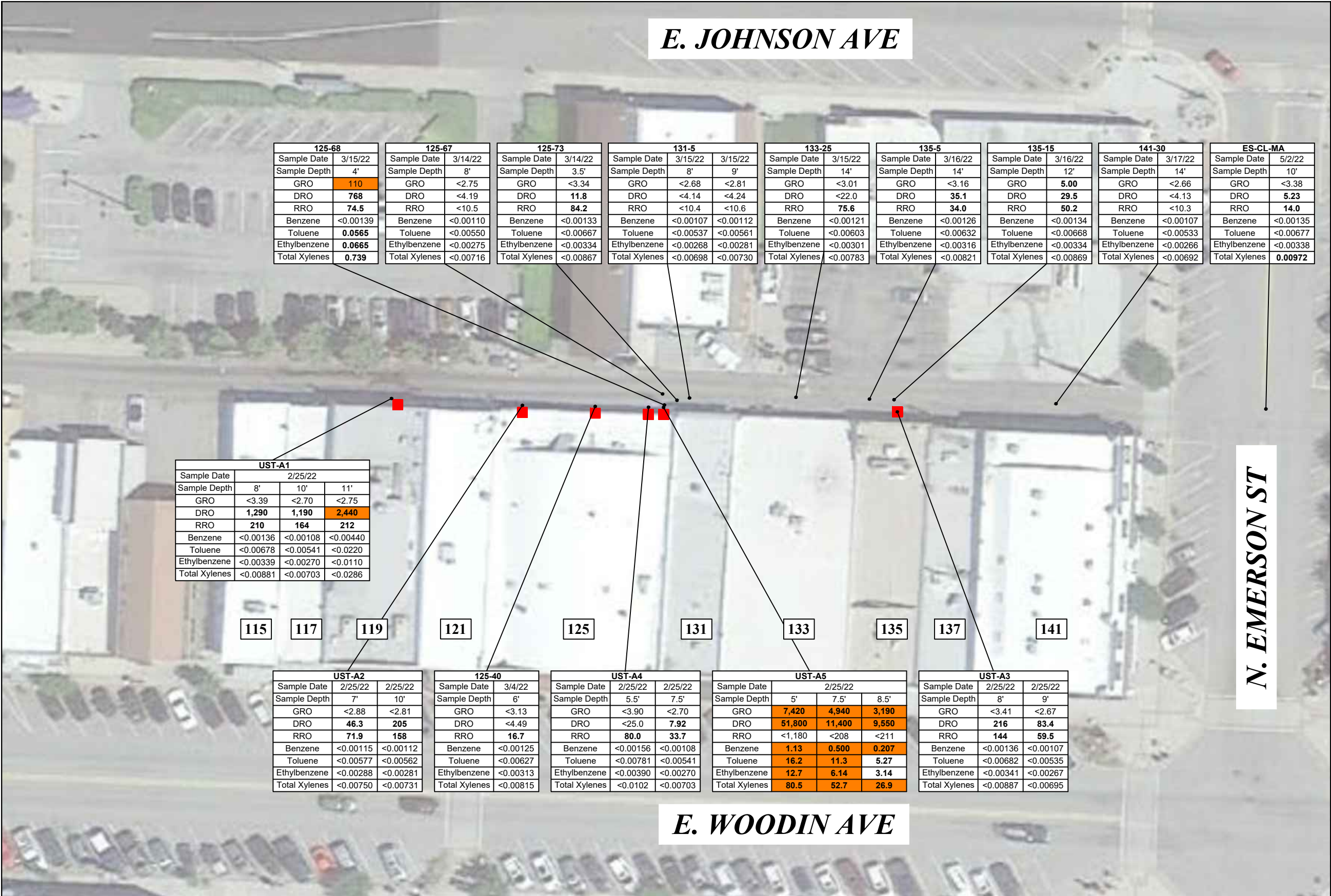


Chelan Chevron Site
Chelan, Washington

FIGURE 10
Oxygen Emitter System Well
Locations

FILE NAME:
221 E. Woodin Figure.dwg

DATE:
1/13/2025



LEGEND

141

PROPERTY ADDRESS

APPROXIMATE LOCATION OF SOIL GRAB SAMPLE

APPROXIMATE LOCATION OF UNDERGROUND STORAGE TANK (NOT TO SCALE)

<1.00

LABORATORY ANALYTICAL RESULT - ANALYTE WAS NOT DETECTED ABOVE THE LABORATORY RDL

50.0

LABORATORY ANALYTICAL RESULT - ANALYTE WAS DETECTED ABOVE THE LABORATORY RDL

1,000

LABORATORY ANALYTICAL RESULT - ANALYTE WAS DETECTED ABOVE THE MTCA METHOD A CLEANUP LEVEL

ALL LABORATORY RESULTS REPORTED IN MILLIGRAMS PER KILOGRAM (MG/KG)

NOTES
Base Map Source: Google Earth
Imagery Date: 7/1/2017

0

40'

80'

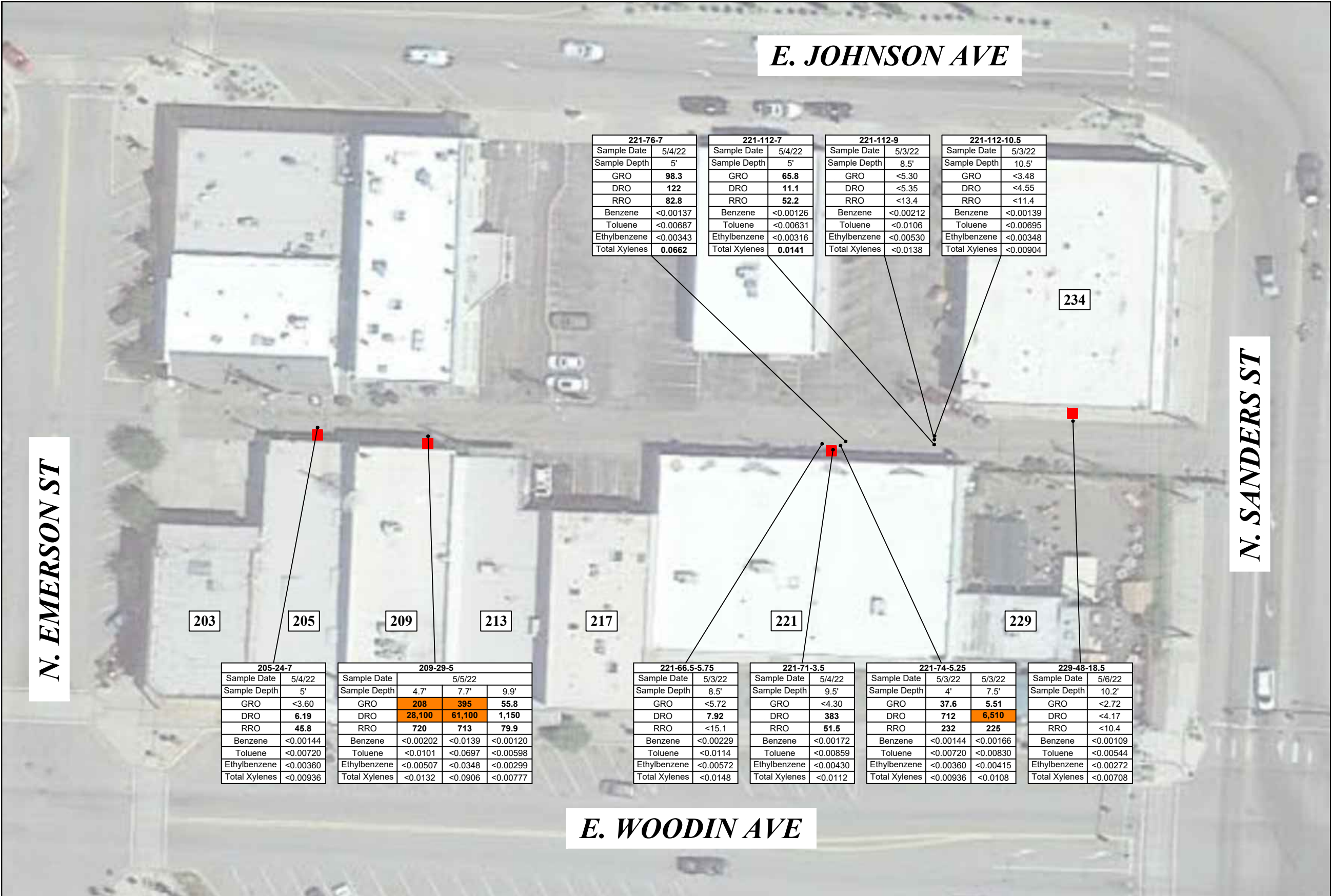


Chelan Chevron Site
Chelan, Washington

FIGURE 11A
Soil Sampling Results - 100 Block
City of Chelan Utility Project

FILE NAME:
Comp SRI Figures_04.dwg

DATE:
1/21/2025



LEGEND

141

PROPERTY ADDRESS

APPROXIMATE LOCATION OF SOIL GRAB SAMPLE

APPROXIMATE LOCATION OF UNDERGROUND STORAGE TANK (NOT TO SCALE)

<1.00

LABORATORY ANALYTICAL RESULT - ANALYTE WAS NOT DETECTED ABOVE THE LABORATORY RDL

50.0

LABORATORY ANALYTICAL RESULT - ANALYTE WAS DETECTED ABOVE THE LABORATORY RDL

1,000

LABORATORY ANALYTICAL RESULT - ANALYTE WAS DETECTED ABOVE THE MTCA METHOD A CLEANUP LEVEL

ALL LABORATORY RESULTS REPORTED IN MILLIGRAMS PER KILOGRAM (MG/KG)

NOTES

Base Map Source: Google Earth

Imagery Date: 7/1/2017

0

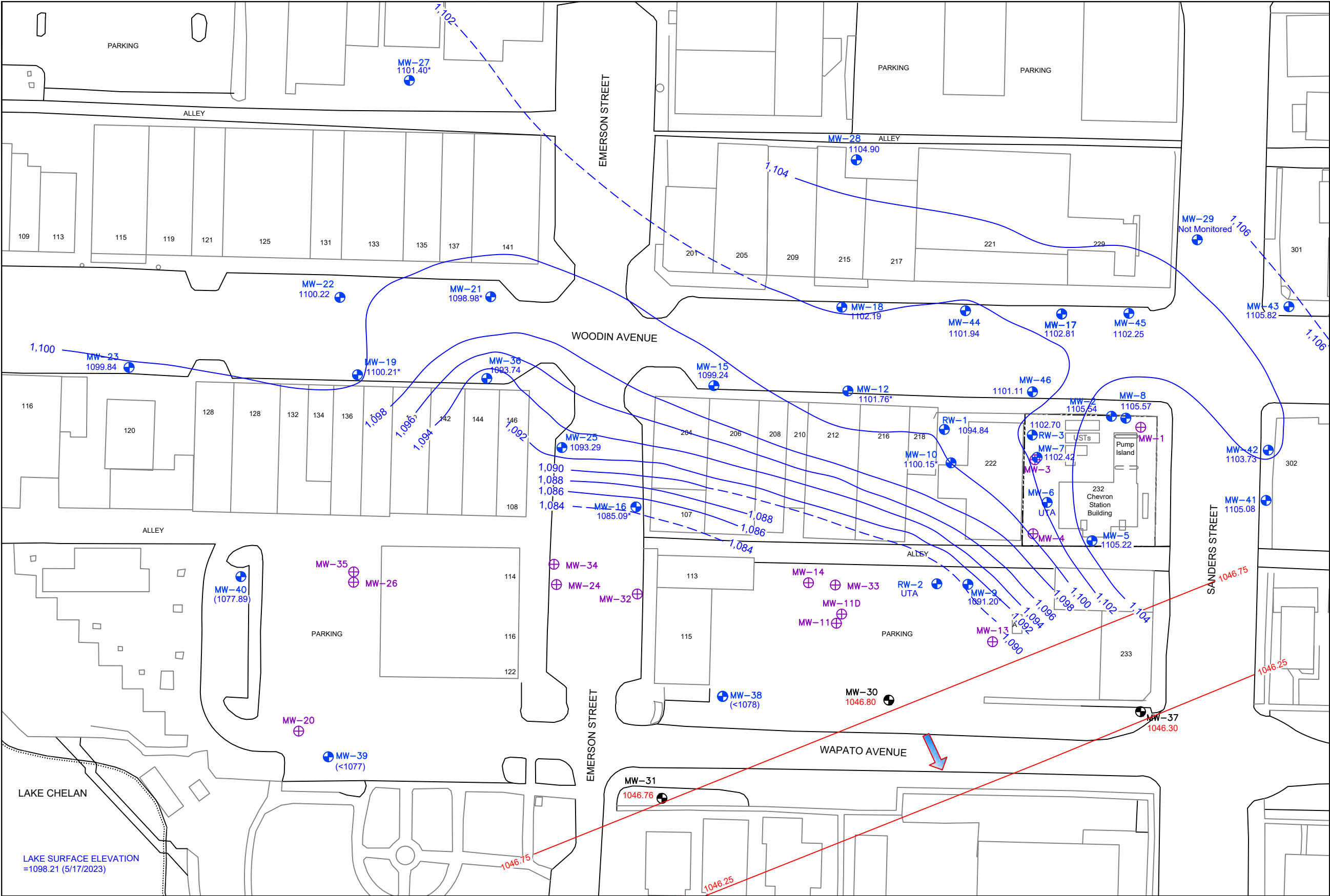
40'

80'

N



Chelan Chevron Site
Chelan, Washington



LEGEND

MW-2 Perched Groundwater Monitoring Well

MW-30 Deep Groundwater Monitoring Well

MW-1 Abandoned Dry Monitoring Well

204 Street Address

1,102.23 Groundwater Elevation (Feet) - Shallow Water-Bearing Zone

1,047.71 Groundwater Elevation (Feet) - Deep Water Table Aquifer

1,101.15* Groundwater Elevation Corrected for the Presence of LNAPL

UTA Unable to Access

Groundwater Elevation Contour - Shallow Water-Bearing Zone

Groundwater Elevation Contour - Deep Water Table Aquifer

(1,101.15) Groundwater Elevation Not Used for Contouring

Approximate Flow Direction - Deep Water Table Aquifer

NOTES

Base Map from City of Chelan, 1994

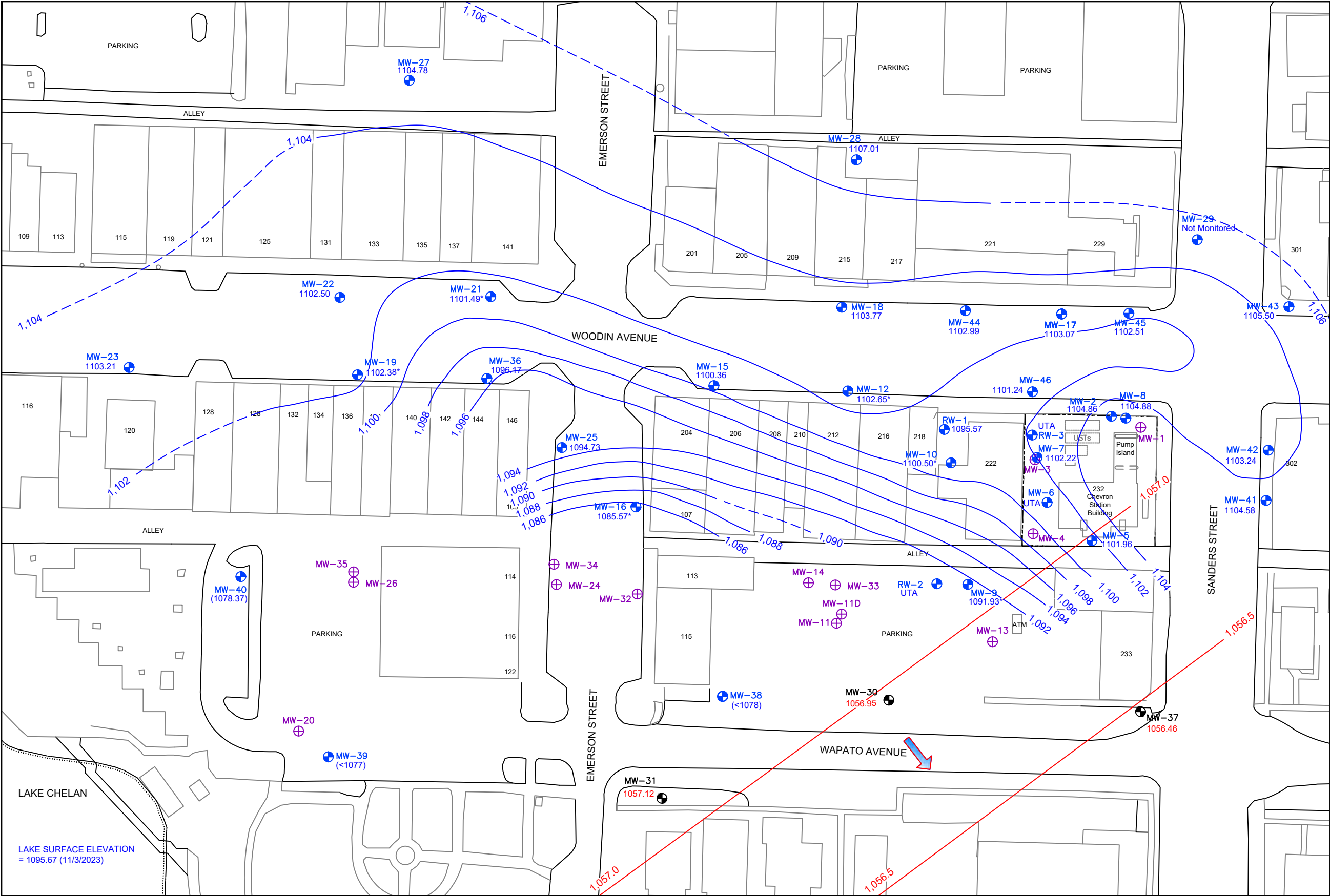
Additional Reference Material:
Aerial Photograph from September 1991
(Washington State Department of Natural Resources)

0 80' 160'

FIGURE 13

Groundwater Elevation Contour Map:
May 15-18, 2023

FILE NAME: Chelan_Site Map_2023.dwg	DATE: 1/21/2025



- LEGEND**
- MW-2 Perched Groundwater Monitoring Well
 - MW-30 Deep Groundwater Monitoring Well
 - MW-1 Abandoned Dry Monitoring Well
 - 204 Street Address
 - 1,102.23 Groundwater Elevation (Feet) - Shallow Water-Bearing Zone
 - 1,047.71 Groundwater Elevation (Feet) - Deep Water Table Aquifer
 - 1,101.15* Groundwater Elevation Corrected for the Presence of LNAPL
 - UTA Unable to Access
 - Groundwater Elevation Contour - Shallow Water-Bearing Zone
 - Groundwater Elevation Contour - Deep Water Table Aquifer
 - (1,101.15) Groundwater Elevation Not Used for Contouring
 - Approximate Flow Direction - Deep Water Table Aquifer

NOTES

Base Map from City of Chelan, 1994

Additional Reference Material:
Aerial Photograph from September 1991
(Washington State Department of Natural Resources)

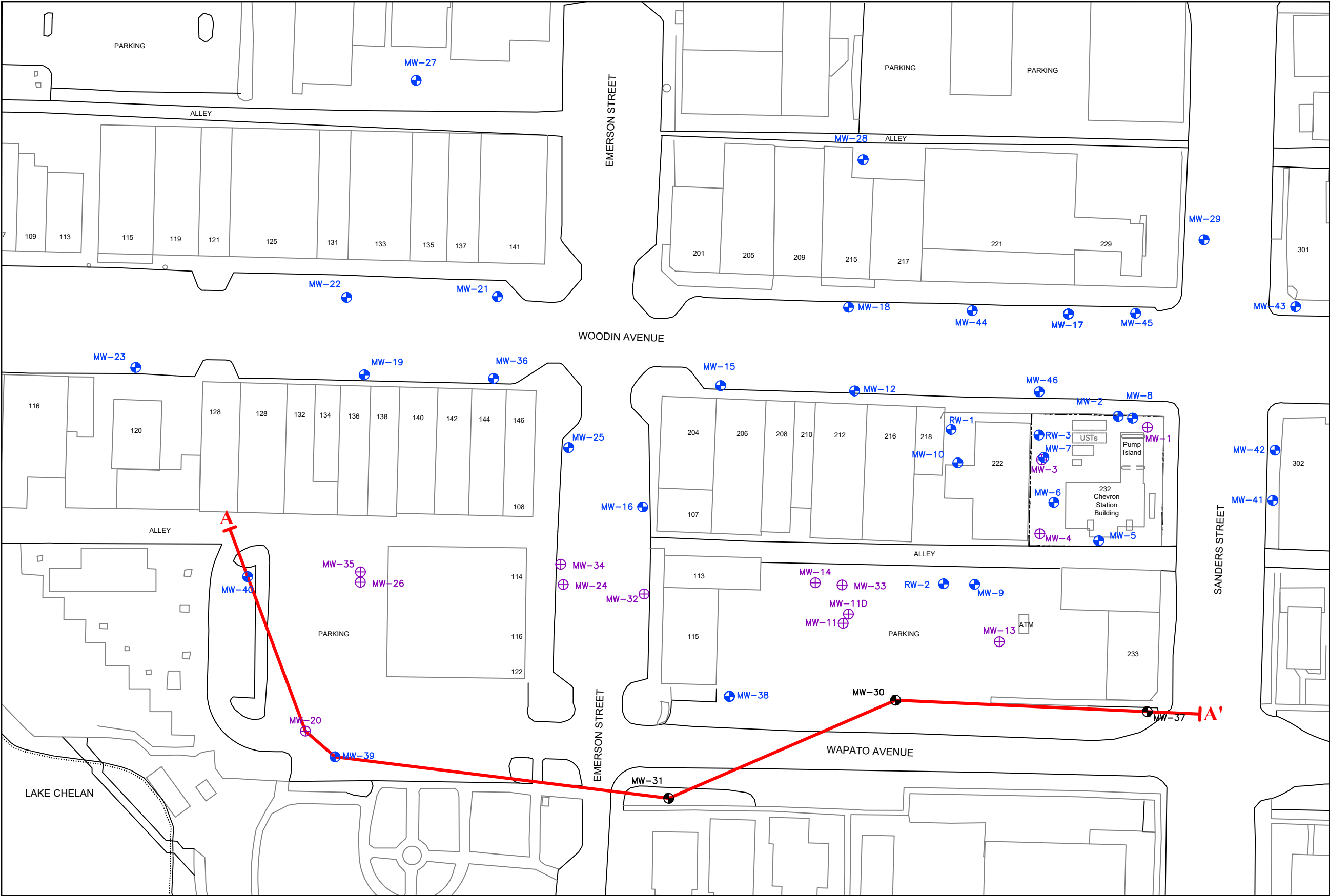
0 80' 160'



Chelan Chevron Site
Chelan, Washington

FIGURE 14
Groundwater Elevation Contour Map:
November 2-4, 2023

FILE NAME: Chelan_Site Map_2023.dwg DATE: 1/21/2025



LEGEND

- MW-2 PERCHED GROUNDWATER MONITORING WELL
- MW-30 DEEP GROUNDWATER MONITORING WELL
- MW-1 ABANDONED DRY MONITORING WELL
- SECTION LINE FOR CROSS SECTION A-A'

NOTES

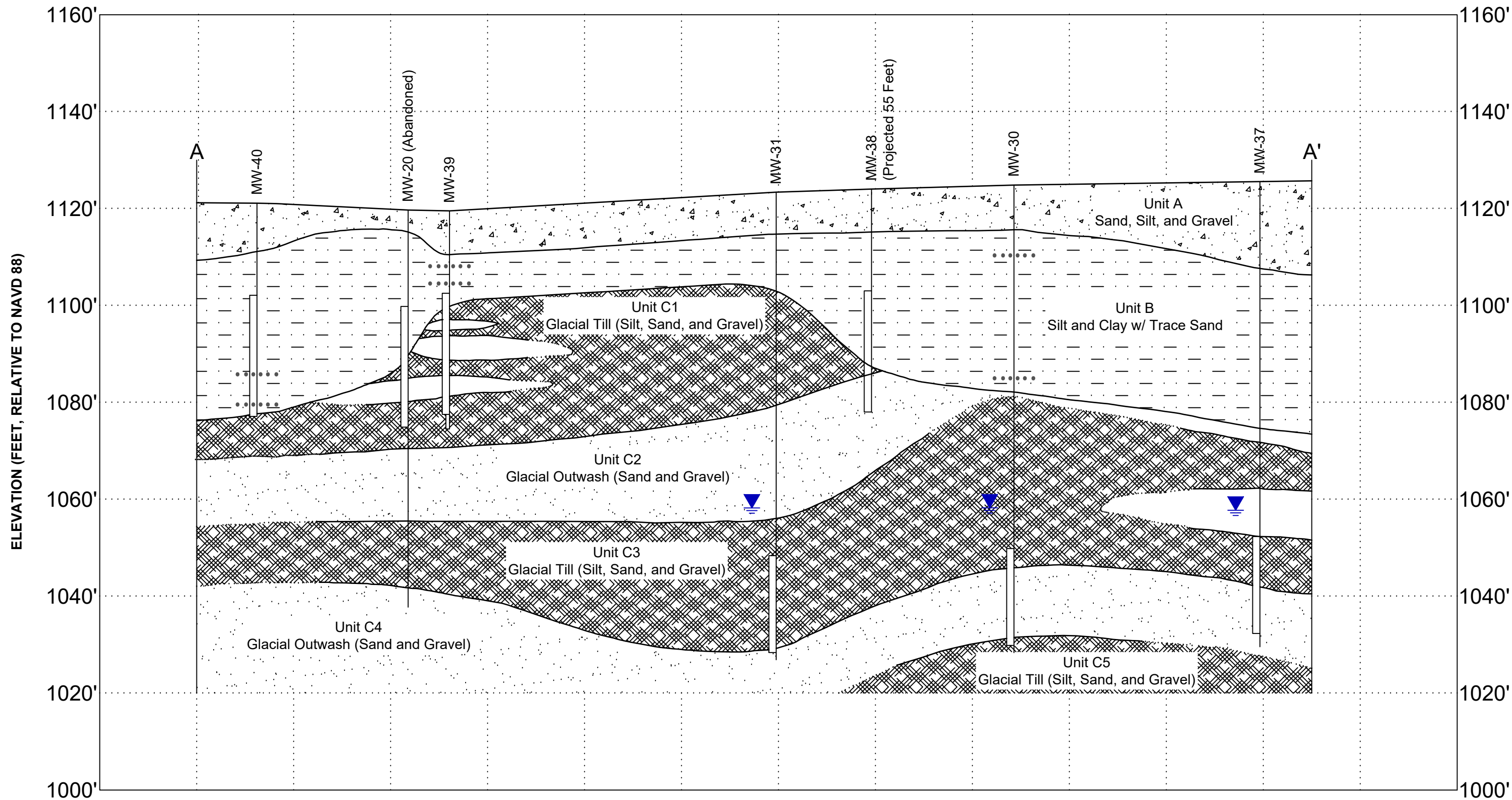
Base Map from City of Chelan, 1994

Additional Reference Material:
Aerial Photograph from September 1991
(Washington State Department of Natural Resources)

0 80' 160'

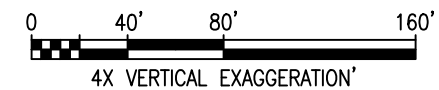
FIGURE 15
Section Line for Cross-Section A-A'

FILE NAME: Chelan_Site Map_2021.dwg DATE: 1/13/2025



LEGEND:

- Contact line between soil types
- Contact line between soil types (inferred)
- ▼ Water Level Elevation on 11/6/2019
(Shallow Wells All Dry Within Screen Zone)
- • • Thin Layer of Fine Sand (Unit B)
- ⏏ Boring
- ⏏ Well Screen Interval
- ⏏ Sump (MW-39)
- ⏏ Lens of Fine to Coarse Sand



Chelan Chevron Site
Chelan, Washington

FIGURE 16
Geologic Cross-Section A-A'

FILE NAME:
Chelan 2024 X-Section.dwg

DATE:
1/21/2025



NOTES
Aerial Photograph Imagery Date: 7/1/2017
Source: Google Earth

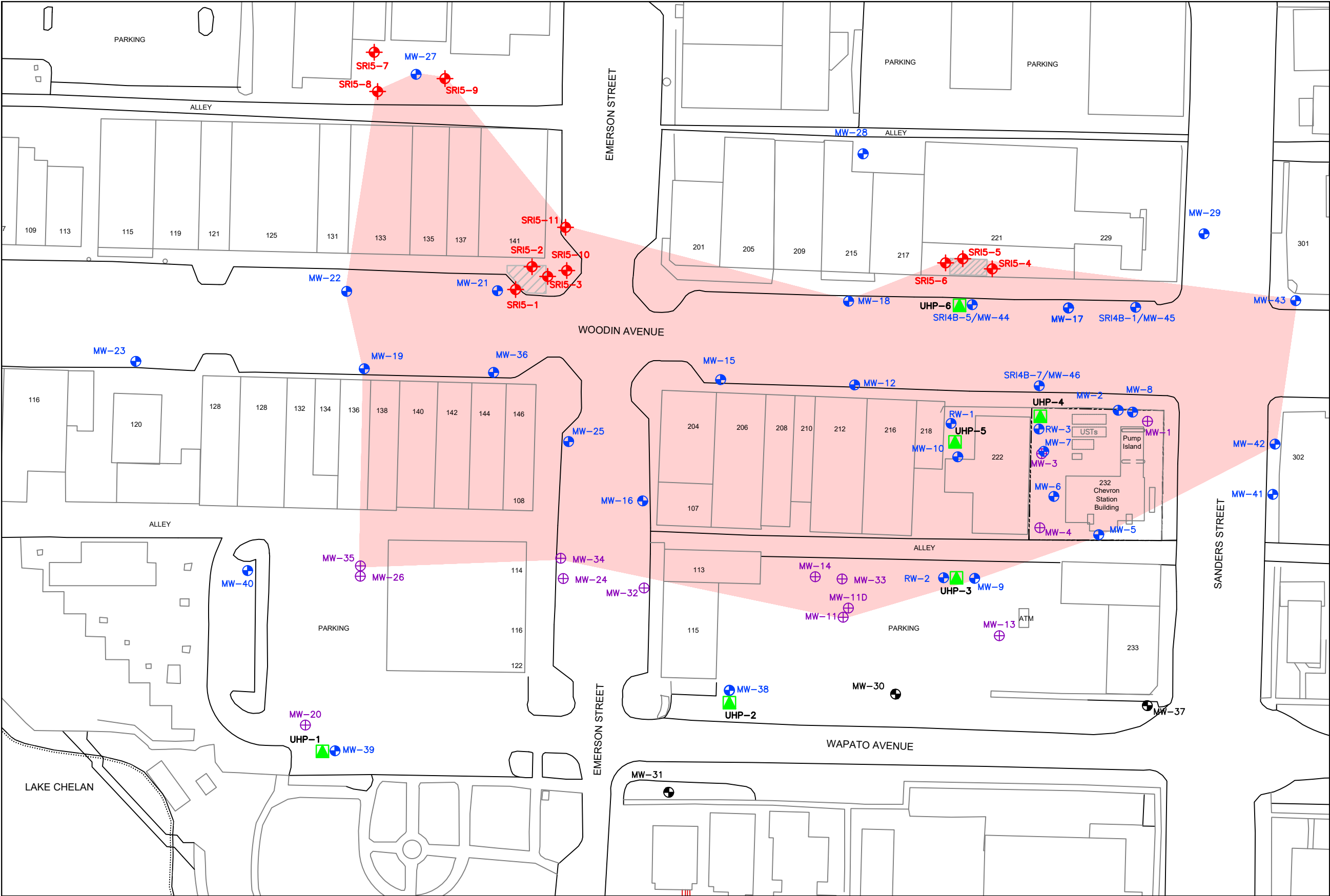
0 80' 160'



Chelan Chevron Site
Chelan, Washington

FIGURE 17
Inferred Current Extents of
Petroleum LNAPL Product Types

FILE NAME: Comp SRI Figures_04.dwg DATE: 1/16/2025



LEGEND

MW-2 EXISTING PERCHED GROUNDWATER MONITORING OR RECOVERY WELL

MW-30 EXISTING DEEP GROUNDWATER MONITORING WELL

MW-1 EXISTING ABANDONED DRY MONITORING WELL

SRI5-1 SRI PHASE 5 SHALLOW SOIL BORING LOCATION

UHP-1 SRI PHASE 5 UVOST-HP BORING LOCATION

APPROXIMATE AREA OF ABANDONED UST BASIN

APPROXIMATE AREA OF PETROLEUM IMPACTED SOIL EXCEEDING MTCA METHOD A CLEANUP LEVELS

NOT ALL RI AND SRI SOIL BORING LOCATIONS SHOWN. PLEASE CONSULT THE 2006 RI/FS REPORT AND SRI SUMMARY REPORTS FOR THE LOCATIONS OF ADDITIONAL SOIL BORINGS NOT SHOWN.

NOTES

Base Map from City of Chelan, 1994

Additional Reference Material:
Aerial Photograph from September 1991
(Washington State Department of Natural Resources)

0 80' 160'

Tables

Table 1
Summary of SRI Phase 2 Soil Sampling Results
Chelan Chevron Site
Chelan, Washington

Laboratory Analyte			GRO	DRO	DRO w/ SGC	HRO	HRO w/ SGC	Benzene	Toluene	Ethylbenzene	Xylenes (Total)	MTBE	EDB	EDC	Lead	Initial Fluid Saturation - Water	Final Fluid Saturation - Water	Initial Fluid Saturation - LNAPL	Final Fluid Saturation - LNAPL
Results Reported in mg/kg Dry Weight																%	%	%	%
MTCA Method A Cleanup Level			30	2,000	2,000	2,000	2,000	0.03	7	6	9	0.1	0.005	---	250	---	---	---	---
Sample Identification	Sample Depth	Date																	
LIFB-1/SCB-1																			
SCB-1-S-15-161109	15	11/9/2016	10	5.6	8.1	< 14	< 14	0.066	0.036	0.030	0.11	< 0.0006	< 0.001	< 0.001	3.69	---	---	---	---
SCB-1-S-19-161109	19	11/9/2016	7.2	< 4.1	< 4.1	< 14	< 14	0.13	0.005	0.044	0.004	< 0.0006	< 0.001	0.003	4.58	---	---	---	---
SCB-1A-S-24.5' -161227	24.5	12/27/2016	11	< 6.4	NA	< 21	NA	5.0	0.18	0.69	0.61	< 0.045	< 0.090	< 0.090	NA	89.0	25.2	1.50	1.50
SCB-1-S-27.5-161109	27.5	11/9/2016	61	< 4.2	< 4.2	< 14	< 14	7.0	0.74	0.71	2.3	< 0.042	0.097	0.19	6.38	---	---	---	---
DUP1-SD-161109	27.5	11/9/2016	160	5.1	< 4.0	< 13	< 13	5.1	0.75	1.3	4.2	< 0.036	< 0.073	< 0.073	5.30	---	---	---	---
SCB-1D-S-39.9' -161227	39.9	12/27/2016	54	< 5.9	NA	< 20	NA	6.4	8.3	0.85	6.5	< 0.039	0.080	0.50	NA	92.0	40.9	0.88	0.88
SCB-1-S-44-161109	44	11/9/2016	62	< 4.2	< 4.2	< 14	< 14	6.7	11	0.74	6.7	< 0.040	< 0.079	0.61	6.62	---	---	---	---
SCB-1-S-48-161109	48	11/14/2016	85	< 4.4	< 4.4	< 15	< 15	7.7	14	1.3	9.1	< 0.032	< 0.088	0.71	15.7	---	---	---	---
SCB-1-S-52-161109	52	11/14/2016	44	< 4.1	< 4.1	< 14	< 14	4.2	7.2	0.71	4.3	< 0.037	< 0.075	0.17	19.8	---	---	---	---
SCB-1-S-74.5-161109	74.5	11/14/2016	< 1.4	< 4.1	< 4.1	< 14	< 14	6.3	< 0.071	< 0.071	< 0.071	< 0.035	< 0.071	0.91	25.0	---	---	---	---
LIFB-2/SCB-2																			
LIFB-2-S-11-161103	11	11/3/2016	11	180	170	210	220	< 0.021	< 0.043	< 0.043	< 0.043	< 0.021	< 0.043	< 0.043	1.32	---	---	---	---
SCB-2-S-28-161107	28	11/7/2016	29	< 4.2	< 4.2	< 14	< 14	< 0.040	1.8	1.5	13	< 0.040	< 0.079	< 0.079	< 3.12	---	---	---	---
SCB-2A-S-47.1' -161227	47.1	12/27/2016	260	< 6.9	NA	< 23	NA	< 0.053	0.28	0.82	11	< 0.053	< 0.11	< 0.11	NA	92.5	66.0	1.28	1.28
SCB-2-S-48.5-161107	48.5	11/7/2016	3,000	52	72	< 14	38	< 0.038	1.6	3.4	47	< 0.038	< 0.075	< 0.075	< 3.11	---	---	---	---
SCB-2B-S-50.5' -161227	50.5	12/27/2016	37	< 5.8	NA	< 19	NA	0.047	1.7	0.37	5.3	< 0.039	< 0.078	< 0.078	NA	89.3	36.2	0.99	0.99
SCB-2C-S-51.3' -161228	51.3	12/28/2016	880	44	NA	< 21	NA	0.063	4.5	2.4	25	< 0.045	< 0.090	< 0.090	NA	87.5	38.5	2.34	2.34
SCB-2-S-56-161107	56	11/7/2016	120	< 4.1	< 4.1	< 14	< 14	0.047	1.6	0.71	9.7	< 0.040	< 0.079	< 0.079	< 2.61	---	---	---	---
SCB-2-S-60.5-161107	60.5	11/7/2016	< 1.2	< 3.3	8.0	< 11	12	< 0.0006	< 0.001	< 0.001	< 0.001	< 0.0006	< 0.001	< 0.001	< 0.56	---	---	---	---
LIFB-3/SCB-3																			
LIFB-3-S-11-161102	11	11/2/2016	6,800	160	190	< 15	< 15	< 0.040	< 0.080	1.7	3.0	< 0.040	< 0.080	< 0.080	< 3.55	---	---	---	---
SCB-3-S-11.5-161108	11.5	11/8/2016	< 0.9	< 3.1	< 3.1	< 10	< 10	< 0.0004	< 0.0009	< 0.0009	< 0.0009	< 0.0004	< 0.0009	< 0.0009	2.31	---	---	---	---
SCB-3A-S-13.8' -161228	13.8	12/28/2016	1,700	25	NA	27	NA	< 0.072	0.17	5.1	12	< 0.072	< 0.14	< 0.14	NA	83.9	42.7	2.35	2.35
SCB-3B-S-15.0' -161228	15.0	12/28/2016	140	7.6	NA	29	NA	< 0.028	0.40	1.5	5.4	< 0.028	< 0.055	< 0.055	NA	36.9	21.0	2.80	2.80
SCB-3C-S-17.3' -161228	17.3	12/28/2016	6,300	390	NA	27	NA	8.8	56	35	170	< 0.20	< 0.41	< 0.41	NA	75.3	21.3	8.17	6.33
SCB-3C-S-19.1' -161228	19.1	12/28/2016	6,500	230	NA	< 19	NA	9.7	5.3	2.8	12	< 0.41	< 0.83	< 0.83	NA	83.0	16.2	2.97	2.97
SCB-3D-S-19.6' -161228	19.6	12/28/2016	7,500	410	NA	36	NA	8.4	20	10	53	< 0.043	< 0.086	< 0.086	NA	76.1	34.4	4.05	4.05
SCB-3-S-29-161108	29	11/8/2016	2.4	< 4.2	< 4.2	< 14	< 14	0.11	0.005	0.005	0.015	< 0.0006	< 0.001	< 0.001	5.71	---	---	---	---
SCB-3-S-32-161108	32	11/8/2016	2,100	48	54	< 15	< 15	4.1	22	11	67	< 0.48	< 0.96	1.1	7.5	---	---	---	---
SCB-3-S-46-161108	46	11/8/2016	2.3	< 4.2	< 4.2	< 14	< 14	0.31	0.006	0.019	0.014	< 0.0006	< 0.001	< 0.001	4.44	---	---	---	---
SCB-3-S-49.5-161108	49.5	11/8/2016	5.6	< 4.0	< 4.0	< 13	< 13	0.73	0.006	0.015	0.032	< 0.0005	< 0.001	< 0.001	6.80	---	---	---	---

Table 1
Summary of SRI Phase 2 Soil Sampling Results
Chelan Chevron Site
Chelan, Washington

Laboratory Analyte			GRO	DRO	DRO w/ SGC	HRO	HRO w/ SGC	Benzene	Toluene	Ethylbenzene	Xylenes (Total)	MTBE	EDB	EDC	Lead	Initial Fluid Saturation - Water	Final Fluid Saturation - Water	Initial Fluid Saturation - LNAPL	Final Fluid Saturation - LNAPL
Results Reported in mg/kg Dry Weight																%	%	%	%
MTCA Method A Cleanup Level			30	2,000	2,000	2,000	2,000	0.03	7	6	9	0.1	0.005	---	250	---	---	---	---
LIFB-4																			
LIFB-4-S-9-161031	9	10/31/2016	< 0.9	7.1	< 3.1	13	< 10	< 0.0005	< 0.0009	< 0.0009	< 0.0009	< 0.0005	< 0.0009	< 0.0009	< 2.31	---	---	---	---
LIFB-5																			
No Soil Samples Collected		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
LIFB-6																			
LIFB-6-S-14-161102	14	11/2/2016	31	< 4.2	< 4.2	< 14	< 14	< 0.032	< 0.065	< 0.065	< 0.065	< 0.032	< 0.065	< 0.065	< 2.74	---	---	---	---
LIFB-6-S-15-161102	15	11/2/2016	55	< 3.8	< 3.8	< 13	< 13	< 0.026	< 0.051	< 0.051	< 0.051	< 0.026	< 0.051	< 0.051	< 2.55	---	---	---	---
MW-38																			
MW-38-S-21-161114	21	11/14/2016	< 1	4.6	< 3.2	12	< 11	< 0.0004	< 0.0009	< 0.0009	< 0.0009	< 0.0004	< 0.0009	< 0.0009	13.0	---	---	---	---
MW-38-S-30-161114	30	11/14/2016	< 1.7	< 4.3	< 4.3	< 14	< 14	< 0.0006	< 0.001	< 0.001	< 0.001	< 0.0006	< 0.001	< 0.001	22.7	---	---	---	---
MW-38-S-45-161114	45	11/14/2016	< 0.8	< 3.1	< 3.1	< 10	< 10	< 0.0004	< 0.0008	< 0.0008	< 0.0008	< 0.0004	< 0.0008	< 0.0008	5.49	---	---	---	---
MW-39																			
MW-39-S-18-161104	18	11/4/2016	< 1.4	< 3.9	< 3.9	< 13	14	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.001	< 0.001	< 2.55	---	---	---	---
MW-39-S-40-161104	40	11/4/2016	< 1.0	< 3.2	< 3.2	< 11	< 11	---	---	---	---	---	< 0.001	< 0.001	< 2.01	---	---	---	---
SSB-1																			
SSB-1-S-12.5-161103	12.5	11/3/2016	< 1.1	---	---	---	---	< 0.0005	< 0.0009	< 0.0009	< 0.0009	< 0.0005	< 0.0009	< 0.0009	---	---	---	---	---
SSB-1-S-14.5-161103	14.5	11/3/2016	< 1.5	---	---	---	---	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.001	< 0.001	---	---	---	---	---
SSB-2																			
SSB-2-S-12.5-161103	12.5	11/3/2016	< 1	---	---	---	---	< 0.0004	< 0.0009	< 0.0009	< 0.0009	< 0.0004	< 0.0009	< 0.0009	---	---	---	---	---
SSB-2-S-14.5-161103	14.5	11/3/2016	< 1.3	---	---	---	---	< 0.0005	< 0.001	< 0.001	< 0.001	< 0.0005	< 0.001	< 0.001	---	---	---	---	---

Legend:

- 87
- Bold and highlighted entries indicate results exceeding MTCA Method A cleanup levels
- < 0.074
- Bold red text indicates that detection limit was greater than MTCA Method A cleanup level due to necessary sample dilution by the laboratory
- GRO = Gasoline-range organics
- DRO = Diesel-range organics
- HRO = Heavy-range organics
- MTBE = Methyl tert-butyl ether
- EDB = Ethylene dibromide (1,2-Dibromoethane)
- EDC = Ethylene dichloride (1,2-Dichloroethane)

Table 2
Summary of SRI Phase 4 Soil Sampling Results
Chelan Chevron Site
Chelan, Washington

Laboratory Analyte	GRO	DRO	HRO	Benzene	Toluene	Ethylbenzene	Xylenes (total)	MTBE	EDB	EDC	1-Methyl-naphthalene	2-Methyl-naphthalene	Naphthalene	Lead	Moisture		
Results Reported in mg/kg Dry Weight																%	
MTCA Method A Cleanup Level	30	2,000	2,000	0.03	7	6	9	0.1	0.005	---	5 (Total Sum of All Naphthalenes)			250	---		
Sample Identification	Sample Depth	Date															
Shallow Soil Borings from Undocumented UST Basin near 141 East Woodin Avenue																	
UST-1-S-7-102518 ^A	7	10/25/2018	0.4	< 5.0	13	0.001	0.001	< 0.0005	< 0.001	< 0.0007	< 0.0005	< 0.0008	< 0.004	< 0.013	< 0.008	8.42	21.1
UST-4-S-7.5-181107	7.5	11/7/2018	< 0.3	< 4.2	< 11	< 0.0005	0.001	< 0.0004	< 0.001	< 0.0005	< 0.0004	< 0.0006	< 0.004	< 0.011	< 0.007	4.50	6.4
UST-5-S-8-181108	8	11/8/2018	< 0.3	< 4.3	11	0.0008	0.002	< 0.0004	< 0.001	< 0.0006	< 0.0004	< 0.0007	< 0.004	< 0.011	< 0.007	9.60	7.6
UST-6-S-8-181108	8	11/8/2018	< 0.3	< 4.1	< 10	0.001	0.002	< 0.0004	< 0.001	< 0.0005	< 0.0004	< 0.0006	< 0.003	< 0.010	< 0.007	3.67	4.7
UST-7-S-8-181108	8	11/8/2018	2.7	< 4.8	< 12	0.023	0.018	< 0.0005	0.004	< 0.0006	< 0.0005	0.002	< 0.004	< 0.012	< 0.008	62.0	17.3
UST-9-S-7.5-181112	7.5	11/12/2018	< 0.4	< 4.8	< 12	< 0.0007	0.0009	< 0.0006	< 0.001	< 0.0007	< 0.0006	< 0.0009	0.008	0.012	< 0.008	17.3	17.1
Shallow Soil Borings from Suspected UST Basin at 221 East Woodin Avenue																	
UST-2-S-8-181106	8	11/6/2018	< 0.3	< 4.5	< 11	< 0.0006	< 0.0007	< 0.0005	< 0.001	< 0.0006	< 0.0005	< 0.0007	< 0.004	< 0.011	< 0.008	1.84	13.1
UST-3-S-8-181106	8	11/6/2018	< 0.4	12	53	< 0.0006	0.0008	< 0.0005	< 0.001	< 0.0006	< 0.0005	< 0.0007	< 0.004	< 0.011	< 0.008	3.89	13.9
MW-40																	
MW-40-8-102618	8	10/26/2018	< 0.2	< 4.1	13	< 0.0005	0.0006	< 0.0004	< 0.001	< 0.0005	< 0.0004	< 0.0006	0.037	0.033	< 0.007	5.07	2.8
MW-40-S-33-181102	33	11/2/2018	0.5	< 5.9	< 15	< 0.0006	< 0.0007	< 0.0005	< 0.001	< 0.0006	< 0.0005	< 0.0007	< 0.005	< 0.015	< 0.01	11.9	32.2
MW-40-S-44-181102	44	11/2/2018	0.3	< 4.1	< 10	< 0.0004	< 0.0005	< 0.0003	< 0.0009	< 0.0004	< 0.0003	< 0.0005	< 0.003	< 0.010	< 0.007	2.05	3.5
MW-41																	
MW-41-S-10-181105	10	11/5/2018	5.8	45	23	< 0.0005	0.0009	< 0.0004	< 0.001	< 0.0005	< 0.0004	< 0.0006	< 0.004	< 0.011	0.007	3.65	8.1
MW-41-S-15-181105	15	11/5/2018	< 0.3	< 4.6	< 12	< 0.0005	< 0.0007	< 0.0004	< 0.001	< 0.0005	< 0.0004	< 0.0007	< 0.004	< 0.012	< 0.008	2.42	14.7
MW-41-S-25-181105	25	11/5/2018	0.3	< 4.3	< 11	< 0.0005	< 0.0006	< 0.0004	< 0.0009	< 0.0005	< 0.0004	< 0.0006	< 0.004	< 0.011	< 0.007	1.65	6.6
MW-41-S-34-181105	34	11/5/2018	< 0.3	< 5.2	< 13	< 0.0005	< 0.0006	< 0.0004	< 0.001	< 0.0005	< 0.0004	< 0.0006	< 0.004	< 0.013	< 0.009	2.71	23.9
MW-42																	
MW-42-S-9-181103	9	11/3/2018	87	510	930	< 0.0005	0.001	0.0006	0.007	< 0.0005	< 0.0004	< 0.0006	0.52	0.68	0.13	3.63	8.3
MW-42-S-18.5-181103	18.5	11/3/2018	0.3	< 4.0	< 10	< 0.0005	< 0.0006	< 0.0004	< 0.001	< 0.0005	< 0.0004	< 0.0006	< 0.003	< 0.010	< 0.007	3.54	2.0
MW-42-S-24-181103	24	11/3/2018	0.3	< 5.0	< 12	< 0.0005	< 0.0006	< 0.0004	< 0.0009	< 0.0005	< 0.0004	< 0.0006	< 0.004	< 0.012	0.011	7.22	20.6
MW-42-S-34-181103	34	11/3/2018	0.5	< 5.7	< 14	< 0.0005	< 0.0006	< 0.0004	< 0.001	< 0.0005	< 0.0004	< 0.0006	< 0.005	< 0.014	0.038	8.66	29.5
MW-43																	
MW-43-S-8-181104	8	11/4/2018	< 1.1	< 8.3	< 21	< 0.002	< 0.002	< 0.001	< 0.003	< 0.002	< 0.001	< 0.002	< 0.007	< 0.021	0.021	3.91	52.0
MW-43-S-10.5-181106	10.5	11/6/2018	88	140	370	< 0.0005	< 0.0006	< 0.0004	< 0.001	< 0.0005	< 0.0004	< 0.0006	0.069	0.083	0.012	7.25	13.1
MW-43-S-16-181106	16	11/6/2018	0.7	21	28	< 0.0005	0.0008	< 0.0004	0.002	< 0.0005	< 0.0004	< 0.0006	0.018	0.023	< 0.007	4.70	7.4
MW-43-S-20-181106	20	11/6/2018	< 0.3	16	< 12	< 0.0005	0.0008	< 0.0004	< 0.001	< 0.0005	< 0.0004	< 0.0006	< 0.004	< 0.012	< 0.008	5.59	16.9
MW-43-S-32-181106	32	11/6/2018	< 0.3	17	< 14	< 0.0006	< 0.0007	< 0.0005	< 0.001	< 0.0006	< 0.0005	< 0.0007	< 0.005	< 0.014	< 0.009	7.10	29.2
RWB-1																	
RWB-1-S-10.5-181110	10.5	11/10/2018	< 0.2	< 4.2	16	0.001	0.001	< 0.0004	< 0.001	< 0.0005	< 0.0004	< 0.0007	0.012	0.014	< 0.007	5.85	5.7
RWB-1-S-14.5-181110	14.5	11/10/2018	< 2.1	20	19	< 0.0004	< 0.0005	< 0.0004	< 0.0009	< 0.0004	< 0.0004	< 0.0005	< 0.003	< 0.010	< 0.007	3.76	3.1
RWB-1-S-17.5-181110	17.5	11/10/2018	1,800	180	< 13	< 0.074	< 0.089	< 0.059	2.1	< 0.074	< 0.059	< 0.089	0.081	0.15	< 0.009	11.0	25.5
RWB-1-S-23-181110	23	11/10/2018	11	< 5.6	< 14	0.47 E	0.12	0.22	0.38	< 0.0007	< 0.0005	0.001	0.024	0.050	0.058	10.7	28.4
RWB-1-S-33-181110	33	11/10/2018	23,000	78	15	2.7	24	95	460	< 0.41	< 0.33	< 0.49	6.4	15	19	9.79	29.7
RWB-1-S-44-181110	44	11/10/2018	40	< 5.2	< 13	4.6	2.6	1.3	8.1	< 0.038	< 0.030	< 0.045	0.022	0.049	0.14	8.71	23.7
RWB-1-S-49.5-181110	49.5	11/10/2018	57	< 5.5	< 14	4.4	9.2	1.3	10	< 0.041	< 0.033	0.087	0.005	< 0.014	0.15	8.43	28.0
DUP-2-181108	49.5	11/10/2018	83	< 5.4	< 14	6.2	11	1.5	12	< 0.040	< 0.032	0.11	0.006	< 0.014	0.18	9.57	27.1
RWB-2																	
RWB-2-S-8-181105	8	11/5/2018	0.3	< 4.1	< 10	< 0.0005	< 0.0006	< 0.0004	< 0.0009	< 0.0005	< 0.0004	< 0.0006	< 0.003	< 0.010	< 0.007	2.49	2.5
RWB-2-S-15-181109	15	11/9/2018	0.5	10	48	0.002	0.0009	< 0.0003	< 0.0009	< 0.0004	< 0.0003	< 0.0005	< 0.003	< 0.010	< 0.007	9.33	4.8
RWB-2-S-27.5-181109	27.5	11/9/2018	340	20	< 14	< 0.041	< 0.049	0.84	60 E	< 0.041	< 0.033	< 0.049	0.62	1.4	0.70	7.8	28.7
RWB-2-S-37-181109	37	11/9/2018	22	< 5.5	< 14	0.20	< 0.046	0.044	3.3	< 0.039	< 0.031	< 0.046	0.037	0.082	0.20	10.3	27.2
RWB-2-S-48-181109	48	11/9/2018	29	< 5.8	< 15	5.4	2.2	0.88	6.0	< 0.042	< 0.033	0.26	< 0.005	< 0.014	0.028	8.88	31.7

Table 2
Summary of SRI Phase 4 Soil Sampling Results
Chelan Chevron Site
Chelan, Washington

Laboratory Analyte			GRO	DRO	HRO	Benzene	Toluene	Ethylbenzene	Xylenes (total)	MTBE	EDB	EDC	1-Methyl-naphthalene	2-Methyl-naphthalene	Naphthalene	Lead	Moisture
Results Reported in mg/kg Dry Weight																	%
MTCA Method A Cleanup Level			30	2,000	2,000	0.03	7	6	9	0.1	0.005	---	5 (Total Sum of All Naphthalenes)			250	---
Sample Identification	Sample Depth	Date															
RWB-3																	
RWB-3-S-8-181105	8	11/5/2018	< 0.4	< 4.7	< 12	0.0008	< 0.0007	< 0.0005	< 0.001	< 0.0006	< 0.0005	< 0.0007	< 0.004	< 0.012	< 0.008	1.87	14.9
RWB-3-S-15-181107	15	11/7/2018	0.4	23	10	< 0.0005	0.0006	< 0.0004	< 0.001	< 0.0005	< 0.0004	< 0.0006	< 0.003	< 0.010	< 0.007	3.16	2.6
RWB-3-S-20-181107	20	11/7/2018	44	18	14	< 0.028	< 0.034	< 0.022	< 0.056	< 0.028	< 0.022	< 0.034	0.012	0.020	< 0.008	9.12	14.6
DUP-1-181107	20	11/7/2018	5.6	7.8	< 12	0.0006	0.001	0.0007	0.003	< 0.0005	0.0005	< 0.0006	0.066	0.12	0.024	7.85	15.5
RWB-3-S-26-181107	26	11/7/2018	4.7	8.1	< 14	0.002	0.003	0.024	0.22	< 0.0006	< 0.0005	< 0.0007	0.009	< 0.014	0.026	9.47	26.8
RWB-3-S-32-181107	32	11/7/2018	150	< 5.7	< 14	< 0.042	< 0.051	0.27	0.50	< 0.042	< 0.034	< 0.051	0.006	< 0.014	0.01	9.71	29.8
RWB-3-S-45-181107	45	11/7/2018	19	< 6.9	< 17	0.43	< 0.065	0.24	0.66	< 0.054	< 0.043	< 0.065	< 0.006	< 0.017	0.048	13.4	42.8
RWB-3-S-49.5-181107	49.5	11/7/2018	9.2	< 5.6	< 14	1.4	0.17	0.035	0.34	< 0.0006	< 0.0005	< 0.0007	< 0.005	< 0.014	0.19	9.03	28.3
RWB-4																	
RWB-4-S-8-181105	8	11/5/2018	< 0.2	6.8	51	< 0.0005	< 0.0006	< 0.0004	< 0.0009	< 0.0005	< 0.0004	< 0.0006	< 0.003	< 0.010	< 0.007	2.56	5.2
RWB-4-S-14.5-181108	14.5	11/8/2018	< 2.6	9.5	18	< 0.0005	< 0.0006	< 0.0004	< 0.001	< 0.0005	< 0.0004	< 0.0006	0.005	< 0.010	< 0.007	4.06	2.3
RWB-4-S-21-181108	21	11/8/2018	240	5.6	< 13	< 0.034	< 0.040	< 0.027	< 0.067	< 0.034	< 0.027	< 0.040	0.011	0.034	< 0.009	12.7	23.7
RWB-4-S-25-181108	25	11/8/2018	64	6.7	< 13	0.001	0.002	0.17	0.043	< 0.0006	< 0.0005	< 0.0007	0.026	0.050	0.061	8.85	26.7
RWB-4-S-30-181108	30	11/8/2018	740	31	< 14	< 0.039	< 0.047	< 0.031	< 0.078	< 0.039	< 0.031	< 0.047	0.012	0.10	< 0.009	11.3	29.2
RWB-4-S-47-181108 ^B	47	11/8/2018	230	< 5.7	< 14	1.1	1.0	6.7	91 E	< 0.041	< 0.033	< 0.049	0.11	0.24	8.2	8.38	29.8
SRI4B-1/MW-45																	
SRI4B-1-S-9-181114	9	11/14/2018	< 0.2	< 4.3	< 11	< 0.0005	< 0.0006	< 0.0004	< 0.001	< 0.0005	< 0.0004	< 0.0006	< 0.004	< 0.011	< 0.007	1.40	6.0
SRI4B-1-S-14.5-181114	14.5	11/14/2018	0.3	< 4.2	< 10	< 0.0005	0.001	< 0.0004	< 0.001	< 0.0005	< 0.0004	< 0.0006	< 0.003	< 0.010	< 0.007	1.28	4.7
SRI4B-1-S-19.5-181114	19.5	11/14/2018	34	13	14	0.001	0.003	0.040	0.25	< 0.0004	< 0.0004	< 0.0005	0.045	0.092	0.072	1.85	8.3
SRI4B-1-S-32.5-181115	32.5	11/15/2018	810	29	< 14	< 0.038	< 0.046	< 0.030	< 0.076	< 0.038	< 0.030	< 0.046	0.048	0.12	< 0.009	3.67	27.8
SRI4B-1-S-33.5-181115	33.5	11/15/2018	4.4	< 5.4	< 13	< 0.0006	< 0.0007	< 0.0005	< 0.001	< 0.0006	< 0.0005	< 0.0007	0.005	< 0.014	< 0.009	5.03	26.8
SRI4B-1-S-39.5-181115	39.5	11/15/2018	1.3	< 5.3	< 13	< 0.0006	0.0008	< 0.0005	< 0.001	< 0.0006	< 0.0005	< 0.0007	0.006	< 0.013	< 0.009	8.82	25.8
SRI4B-2																	
SRI4B-2-S-9-181115	9	11/15/2018	0.5	5.6	130	< 0.0007	0.001	< 0.0005	< 0.001	< 0.0007	< 0.0005	< 0.0008	< 0.004	< 0.012	< 0.008	4.20	16.0
SRI4B-2-S-15-181115	15	11/15/2018	13	15	26	0.0005	0.0009	< 0.0004	< 0.001	< 0.0005	< 0.0004	< 0.0006	< 0.004	< 0.011	< 0.007	3.88	11.0
SRI4B-2-S-19-181115	19	11/15/2018	1,600	53	< 13	0.12	21	39	230	< 0.067	< 0.053	< 0.080	2.0	4.2	6.1	8.83	22.2
SRI4B-2-S-23-181115	23	11/15/2018	3.2	< 5.5	< 14	0.003	0.006	0.025	0.016	< 0.0006	< 0.0005	< 0.0008	0.013	0.030	0.041	8.98	27.1
SRI4B-2-S-31.5-181116	31.5	11/16/2018	810	< 5.6	< 14	< 0.042	< 0.050	0.075	0.014	< 0.042	< 0.033	< 0.050	0.059	0.021	< 0.009	8.75	29.8
SRI4B-2-S-33-181116	33	11/16/2018	6.1	< 5.5	< 14	0.012	0.005	0.005	0.005	< 0.0006	< 0.0005	< 0.0007	0.008	0.015	< 0.009	9.28	28.3
SRI4B-2-S-44.5-181116	44.5	11/16/2018	3.7	< 5.5	< 14	0.0007	0.003	0.002	0.013	< 0.0006	< 0.0005	< 0.0007	0.006	< 0.014	0.11	9.21	28.2
SRI4B-3																	
SRI4B-3-S-9-181116	9	11/16/2018	< 0.2	< 4.1	< 10	< 0.0005	< 0.0006	< 0.0004	< 0.001	< 0.0005	< 0.0004	< 0.0006	< 0.003	< 0.010	< 0.007	3.16	3.1
SRI4B-3-S-14.5-181116	14.5	11/16/2018	< 0.3	< 4.5	< 11	< 0.0005	< 0.0006	< 0.0004	< 0.001	< 0.0005	< 0.0004	< 0.0006	< 0.004	< 0.011	0.098	5.07	11.6
SRI4B-3-S-22.5-181116	22.5	11/16/2018	5,000	110	< 13	< 0.69	< 0.83	< 0.55	2.8	< 0.69	< 0.55	< 0.83	1.4	2.9	0.57	8.61	23.4
SRI4B-3-S-26-181116	26	11/16/2018	0.5	< 5.9	< 15	0.0008	< 0.0008	< 0.0006	< 0.001	< 0.0007	< 0.0006	< 0.0008	< 0.005	< 0.015	< 0.01	10.2	32.4
SRI4B-3-S-31-181116	31	11/16/2018	1,700	< 5.5	15	< 0.040	< 0.048	< 0.032	< 0.081	< 0.040	< 0.032	< 0.048	< 0.005	< 0.014	< 0.009	8.27	27.6
SRI4B-3-S-34-181116	34	11/16/2018	1.2	< 5.3	< 13	< 0.0006	0.0008	< 0.0005	< 0.001	< 0.0006	< 0.0005	< 0.0007	0.005	< 0.013	< 0.009	8.83	26.1
SRI4B-3-S-39.5-181116	39.5	11/16/2018	1.9	< 5.4	< 14	0.006	0.002	0.0006	0.007	< 0.0007	< 0.0005	< 0.0008	0.032	0.025	0.064	9.61	26.3
SRI4B-4																	
SRI4B-4-S-9-181114	9	11/14/2018	< 0.2	< 4.1	< 10	< 0.0005	0.0006	< 0.0004	< 0.001	< 0.0005	< 0.0004	< 0.0006	< 0.003	< 0.010	< 0.007	3.26	2.3
SRI4B-4-S-14-181114	14	11/14/2018	0.3	< 4.1	< 10	< 0.0005	0.0009	< 0.0004	< 0.001	< 0.0005	< 0.0004	< 0.0006	< 0.003	< 0.010	< 0.007	3.98	2.6
SRI4B-4-S-16-181114	16	11/14/2018	750	71	< 13	< 0.072	0.24	1.4	4.8	< 0.072	< 0.058	< 0.086	0.30	0.68	0.69	10.1	24.8
SRI4B-4-S-25-181114	25	11/14/2018	59	< 5.6	< 14	0.009	0.005	0.057	0.007	< 0.0007	< 0.0005	< 0.0008	0.02	0.060	0.047	10.9	28.7
DUP-3-SD-181114	25	11/14/2018	140	< 5.7	< 14	< 0.41	< 0.49	0.053	< 0.081	< 0.41	< 0.032	< 0.049	0.03	0.130	0.10	14.8	30.2
SRI4B-4-S-30.5-181114	30.5	11/14/2018	13,000	310	< 14	< 0.42	< 0.50	42	190	< 0.42	< 0.33	< 0.50	3.9	10	16	5.80	27.2
SRI4B-4-S-44.5-181114	44.5	11/14/2018	7.6	< 5.6	< 14	0.018	0.018	0.085	0.11	< 0.0007	< 0.0005	< 0.0008	0.026	0.052	0.20	5.07	28.9

Table 2
Summary of SRI Phase 4 Soil Sampling Results
Chelan Chevron Site
Chelan, Washington

Laboratory Analyte			GRO	DRO	HRO	Benzene	Toluene	Ethylbenzene	Xylenes (total)	MTBE	EDB	EDC	1-Methyl-naphthalene	2-Methyl-naphthalene	Naphthalene	Lead	Moisture
Results Reported in mg/kg Dry Weight																	%
MTCA Method A Cleanup Level			30	2,000	2,000	0.03	7	6	9	0.1	0.005	---	5 (Total Sum of All Naphthalenes)			250	---
Sample Identification	Sample Depth	Date															
SRI4B-5/MW-44																	
SRI4B-5-S-9-181113	9	11/13/2018	0.7	9.1	< 10	0.0008	0.001	< 0.0004	< 0.0009	< 0.0004	< 0.0004	< 0.0005	0.017	0.021	0.011	1.88	4.6
SRI4B-5-S-12-181113	12	11/13/2018	0.4	< 4.0	< 10	0.0005	0.002	< 0.0004	0.002	< 0.0005	< 0.0004	< 0.0006	< 0.003	< 0.010	< 0.007	1.09	2.6
SRI4B-5-S-14.5-181113	14.5	11/13/2018	15,000	880	43	8.9	170	150	960	< 0.18	< 0.14	< 0.21	13	35	39	30.4	23.4
SRI4B-5-S-16.5-181113	16.5	11/13/2018	20,000	460	< 13	9.5	140	66	400	< 0.40	< 0.32	< 0.48	18	47	70	34.0	25.5
SRI4B-5-S-21-181113	21	11/13/2018	6,400	250	< 12	2.9	53	46	290	< 0.24	< 0.19	< 0.29	2.2	5.8	6.4	17.4	13.9
SRI4B-5-S-29-181113	29	11/13/2018	45	< 5.5	< 14	1.5	5.0	0.96	4.9	< 0.042	< 0.033	< 0.050	0.052	0.10	0.10	5.89	28.5
SRI4B-5-S-40-181113	40	11/13/2018	98	< 5.5	< 14	1.9	3.6	0.96	6.4	< 0.037	< 0.030	< 0.045	0.046	0.12	0.22	16.5	27.3
SRI4B-5-S-49.5-181113	49.5	11/13/2018	45	< 5.4	< 14	2.7	5.8	0.93	6.3	< 0.040	< 0.032	< 0.048	0.01	< 0.013	0.20	14.6	26.4
SRI4B-6																	
SRI4B-6-S-9-181112	9	11/12/2018	270	210	1,100	< 0.024	< 0.029	< 0.020	0.083	< 0.024	< 0.020	< 0.029	0.38	0.43	0.074	3.26	7.3
SRI4B-6-S-14.5-181112	14.5	11/12/2018	< 5.3	72	330	0.0009	0.0008	0.001	0.01	< 0.0005	< 0.0004	< 0.0006	0.084	0.10	0.018	2.66	7.4
SRI4B-6-S-18-181112	18	11/12/2018	11	< 4.6	< 11	0.005	0.011	0.0009	0.16	< 0.0004	< 0.0003	< 0.0005	0.005	< 0.011	0.012	3.58	13.3
SRI4B-6-S-20-181112	20	11/12/2018	780	28	< 15	< 0.044	< 0.053	3.8	6.5	< 0.044	< 0.035	< 0.053	0.21	0.46	0.25	16.8	33.9
SRI4B-6-S-35-181112	35	11/12/2018	29	< 5.3	< 13	0.61	0.082	0.91	1.7	< 0.035	< 0.028	< 0.042	0.043	0.11	0.25	5.54	25.5
SRI4B-6-S-49.5-181112	49.5	11/12/2018	24	< 5.4	< 14	0.58	0.25	0.13	3.3	< 0.039	< 0.031	< 0.047	0.006	< 0.013	0.21	6.83	26.4
SRI4B-7																	
SRI4B-7-S-8.5-181112	8.5	11/12/2018	< 0.3	< 4.2	28	< 0.0005	< 0.0006	< 0.0004	< 0.001	< 0.0005	< 0.0004	< 0.0006	< 0.004	< 0.011	< 0.007	1.32	6.1
SRI4B-7-S-14.5-181117	14.5	11/17/2018	< 0.2	< 4.1	< 10	< 0.0004	< 0.0005	< 0.0004	< 0.0009	< 0.0004	< 0.0004	< 0.0005	< 0.003	< 0.010	< 0.007	3.14	2.5
SRI4B-7-S-20-181117	20	11/17/2018	350	20	< 12	0.037	< 0.038	1.7	2.5	< 0.032	< 0.026	< 0.038	0.30	0.95	0.69	6.31	19.9
SRI4B-7-S-23-181117	23	11/17/2018	13	< 5.5	< 14	0.14	0.019	0.71	0.77	< 0.0007	< 0.0006	< 0.0008	0.015	0.055	0.067	10.2	28.2
DUP-4-S-181117	23	11/17/2018	13	< 5.5	< 14	0.16	0.017	0.82	0.59	< 0.0006	< 0.0005	< 0.0008	0.017	0.060	0.084	7.32	27.0
SRI4B-7-S-30-181117	30	11/17/2018	180	8.1	< 14	0.50	0.067	20	79	< 0.036	< 0.029	< 0.043	0.95	2.0	3.0	9.16	26.3
SRI4B-7-S-37-181117	37	11/17/2018	4.9	< 5.4	< 13	0.083	0.003	0.036	0.043	< 0.0006	< 0.0005	0.0009	0.035	0.065	0.20	9.60	25.5
SRI4B-7-S-44.5-181117	44.5	11/17/2018	6.8	< 5.4	< 13	0.11	0.006	0.003	0.082	< 0.0006	< 0.0005	0.002	0.019	< 0.013	0.19	8.04	25.9
DUP-5-SD-181117	44.5	11/17/2018	7.3	< 5.6	< 14	0.099	0.006	0.003	0.070	< 0.0006	< 0.0005	0.002	0.020	< 0.014	0.21	9.54	28.6

Legend:
87 - Bold and highlighted entries indicate results exceeding MTCA Method A cleanup levels
< 0.074 - Bold red text indicates that detection limit was greater than MTCA Method A cleanup level due to necessary sample dilution by the laboratory

GRO = Gasoline-range organics
DRO = Diesel-range organics
HRO = Heavy-range organics
MTBE = Methyl tert-butyl ether
EDB = Ethylene dibromide (1,2-Dibromoethane)
EDC = Ethylene dichloride (1,2-Dichloroethane)

Laboratory Assigned Data Qualifiers:
E = Analytical result was estimated by the laboratory because the result exceeded the calibration range of the instrument

Footnotes:
A - Sample was erroneously labeled as UST-1-5-7-102518 in the laboratory analysis report for Group Number 2003517.
B - Sample was analyzed for full-scan of volatile organic compounds by SW-846 8260C. For full analytical results, see laboratory analysis report for Group Number 2008697.

Table 3
Summary of SRI Phase 5 Soil Sampling Results
Chelan Chevron Site
Chelan, Washington

Laboratory Analyte			GRO	DRO	HRO	Benzene	Toluene	Ethylbenzene	Xylenes (total)	MTBE	EDB	EDC	1-Methyl-naphthalene	2-Methyl-naphthalene	Naphthalene	PCE	Lead	PCBs	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Indeno (1,2,3-cd)pyrene	
MTCA Method A Cleanup Level			30	2,000	2,000	0.03	7	6	9	0.1	0.005	---	5 (Total Sum of All Naphthalenes)			0.05	250	1	0.1 (Total Sum of All Carcinogenic PAHs)							
Sample Identification	Sample Depth	Date																								
SRI5-1																										
SRI5-1-S-8.5-201105	8.5	11/5/2020	1.12 J	< 1.37	< 3.44	< 0.000499	< 0.00139	< 0.000787	< 0.000940	< 0.000374	< 0.000692	0.000959 J	---	---	---	---	2.30	---	---	---	---	---	---	---	---	
SRI5-1-S-15-201110	15	11/10/2020	1,980	18.7	< 4.38	0.0193	2.78	4.12	26.2	< 0.00483	< 0.00893	< 0.00895	---	---	---	---	26.9	---	---	---	---	---	---	---	---	
SRI5-1-S-16.5-201110	16.5	11/10/2020	11,500	502	< 4.22	4.26	67.7	38.3	203	0.0314 J	< 0.00413	< 0.00415	2.83	5.54	10.2	< 0.0571	4.79	< 0.0150	< 0.00219	< 0.00227	< 0.00194	< 0.00273	< 0.00294	< 0.00218	< 0.00229	
SRI5-1-S-24.5-201110	24.5	11/10/2020	15.3	< 1.83	< 4.59	0.167	0.423	0.0898	0.294	< 0.000641	< 0.00118	< 0.00119	---	---	---	---	4.99	---	---	---	---	---	---	---	---	
SRI5-2																										
SRI5-2-S-8-201105	8	11/5/2020	1.15 J	< 13.9	< 34.7	< 0.000509	< 0.00142	< 0.000803	0.00109 J	< 0.000381	< 0.000706	0.000707	---	---	---	---	4.03	---	---	---	---	---	---	---	---	
SRI5-2-S-11.5-201110	11.5	11/10/2020	3,130	34.8	< 4.39	< 0.00637	0.438	2.37	10.5	< 0.00477	< 0.00882	< 0.00884	0.0919	0.190	0.161	< 0.0122	15.9	< 0.0156	< 0.00228	< 0.00236	< 0.00202	< 0.00284	< 0.00306	< 0.00227	< 0.00239	
SRI5-2-S-24.5-201110	24.5	11/10/2020	8.6	< 1.88	< 4.71	0.0651	0.157	0.170	0.208	< 0.000668	< 0.00124	< 0.00124	---	---	---	---	5.82	---	---	---	---	---	---	---	---	
SRI5-3																										
SRI5-3-S-8.5-201105	8.5	11/5/2020	< 0.938	< 1.40	< 3.50	< 0.000517	< 0.00144	< 0.000815	0.00122 J	< 0.000387	< 0.000717	0.000718	---	---	---	---	1.82	---	---	---	---	---	---	---	---	
SRI5-3-S-10-201110	10	11/10/2020	4,500	62.1	< 4.17	< 0.0292	0.433	3.71	11.3	< 0.0219	< 0.0405	< 0.0407	0.115	0.242	0.203	< 0.0560	17.8	< 0.0148	< 0.00217	< 0.00224	< 0.00191	< 0.00269	< 0.00290	< 0.00215	< 0.00227	
SRI5-3-S-17-201110	17	11/10/2020	58.8	1.96 J	< 4.76	1.84	2.52	0.441	2.10	< 0.000679	< 0.00126	< 0.00126	---	---	---	---	6.28	---	---	---	---	---	---	---	---	
SRI5-3-S-25-201110	25	11/10/2020	1,120	52.5	14.6	0.423	5.35	4.70	25.6	0.00245	< 0.00982	< 0.000983	---	---	---	---	7.0	---	---	---	---	---	---	---	---	
SRI5-3-S-34.5-201110	34.5	11/10/2020	4.28	< 1.82	< 4.55	0.0107	0.0248	0.00859	0.0421	< 0.000643	< 0.00119	< 0.00119	---	---	---	---	5.68	---	---	---	---	---	---	---	---	
SRI5-4																										
SRI5-4-S-8.5-201107	8.5	11/7/2020	2.10 J	< 1.82	< 4.56	0.00889	0.0111	< 0.00141	< 0.00168	< 0.000671	< 0.00124	0.00148 J	---	---	---	---	2.63	---	---	---	---	---	---	---	---	
SRI5-4-S-14.5-201108	14.5	11/8/2020	8.17	7.42	< 3.45	0.0383	0.132	0.0142	0.0469	< 0.000377	< 0.000698	< 0.000700	---	---	---	---	4.00	---	---	---	---	---	---	---	---	
SRI5-4-S-15-201108	15	11/8/2020	1,330	4.32 J	< 4.06	0.833	18.0	11.6	61.4	< 0.0214	< 0.0396	< 0.0397	---	---	---	---	28.3	---	---	---	---	---	---	---	---	
SRI5-4-S-17-201108	17	11/8/2020	294	28.8	< 4.19	0.222	2.78	1.57	7.33	< 0.0218	< 0.0403	< 0.0404	---	---	---	---	5.24	---	---	---	---	---	---	---	---	
SRI5-4-S-24.5-201108	24.5	11/8/2020	22.7	< 1.19	< 4.48	0.0979	0.369	0.0592	0.234	< 0.000622	< 0.00115	< 0.00115	---	---	---	---	4.58	---	---	---	---	---	---	---	---	
SRI5-5																										
SRI5-5-S-8-201107	8	11/7/2020	1.93 J	2.54 J	< 4.27	0.0184	0.00266	< 0.00121	0.00280 J	< 0.000643	< 0.00119	< 0.00119	---	---	---	---	2.32	---	---	---	---	---	---	---	---	
SRI5-5-S-14.5-201107	14.5	11/8/2020	< 0.887	< 1.36	< 3.40	0.000678 J	0.00339 J	0.00153 J	0.00681	< 0.000366	< 0.000678	< 0.000679	---	---	---	---	2.07	---	---	---	---	---	---	---	---	
SRI5-5-S-17-201108	17	11/8/2020	9,750	528	< 20.0	12.3	195	122	682	< 0.0204	< 0.0378	< 0.0379	2.81	14.3	21.6	< 0.0522	35.1	< 0.0142	0.00287 J	< 0.00216	< 0.00184	< 0.00259	0.00281 J	< 0.00207	< 0.00218	
SRI5-5-S-24-201108	24	11/8/2020	8,150	868	< 21.5	6.40	170	104	632	< 0.0233	< 0.0431	< 0.0432	11.5	24.3	38.3	< 0.0595	18.8	< 0.0153	0.00340 J	< 0.00232	< 0.00199	< 0.00279	0.00408 J	< 0.00223	< 0.00235	
DUP-1-S-201108	24	11/8/2020	7,810	607	< 21.6	3.93	50.4	44.7	280	< 0.0236	< 0.0437	< 0.0439	3.10	18.9	30.0	< 0.0604	16.0	< 0.0154	0.00304 J	< 0.00233	< 0.00199	< 0.00280	0.00352 J	< 0.00224	< 0.00236	
SRI5-5-S-29.5-201108	29.5	11/8/2020	18,100	123	< 4.48	47.6	345	121	616	< 0.0249	< 0.0460	< 0.0462	---	---	---	---	18.4	---	---	---	---	---	---	---	---	
SRI5-6																										
SRI5-6-S-8-201107	8	11/7/2020	6.90	< 1.70	< 4.25	0.0176	0.0188	< 0.00135	< 0.00144	< 0.000574	< 0.00106	< 0.00106	---	---	---	---	2.31	---	---	---	---	---	---	---	---	
SRI5-6-S-16-201108	16	11/8/2020	20,600	716	< 21.3	7.85	102	90.7	672	< 0.0230	< 0.0426	< 0.0428	17.0	36.1	32.0	< 0.0589	33.7	< 0.0151	0.00501 J	< 0.00229	< 0.00196	< 0.00275	0.00588 J	< 0.00220	< 0.00232	
SRI5-6-S-23.5-201108	23.5	11/8/2020	9,870	772	< 22.9	64.0	202	109	320	< 0.0257	1.79	< 0.0478	---	---	---	---	20.4	---	---	---	---	---	---	---	---	
SRI5-7																										
SRI5-7-S-15-201111	15	11/11/2020	< 1.53	< 1.81	< 4.52	0.00525	0.0197	0.00239 J	0.00883 BJ	< 0.000633	< 0.00117	< 0.00117	---	---	---	---	5.66	---	---	---	---	---	---	---	---	
SRI5-7-S-24.5-201111	24.5	11/11/2020	4.01 J	< 1.63	< 4.08	0.00960	0.0412	0.00386	0.0135	< 0.000569	< 0.00105	< 0.00106	---	---	---	---	3.40	---	---	---	---	---	---	---	---	
SRI5-8																										
SRI5-8-S-14.5-201111	14.5	11/11/2020	912	4,530	152 J	0.0137 J	0.0647	1.25	3.28	< 0.00505																

Table 3
Summary of SRI Phase 5 Soil Sampling Results
Chelan Chevron Site
Chelan, Washington

Laboratory Analyte			GRO	DRO	HRO	Benzene	Toluene	Ethylbenzene	Xylenes (total)	MTBE	EDB	EDC	1-Methyl-naphthalene	2-Methyl-naphthalene	Naphthalene	PCE	Lead	PCBs	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Chrysene	Dibenz(a,h)anthracene	Indeno (1,2,3-cd)pyrene
MTCA Method A Cleanup Level													Results Reported in mg/kg Dry Weight												
			30	2,000	2,000	0.03	7	6	9	0.1	0.005	---	5 (Total Sum of All Naphthalenes)			0.05	250	1	0.1 (Total Sum of All Carcinogenic PAHs)						
Sample Identification	Sample Depth	Date																							
UHP-1																									
UHP-1-S-8-201103	8	11/3/2020	1.42 J	< 1.70	< 4.27	< 0.000744	< 0.00207	< 0.00117	< 0.00140	< 0.000558	< 0.00103	< 0.00103	---	---	---	---	7.25	---	---	---	---	---	---	---	---
UHP-1-S-12-201109	12	11/9/2020	< 1.48	< 1.76	< 4.42	0.00307	0.00721	< 0.00129	< 0.00154	< 0.000611	< 0.00113	< 0.00113	---	---	---	---	7.41	---	---	---	---	---	---	---	---
UHP-2																									
UHP-2-S-9-201103	9	11/3/2020	< 0.892	< 1.36	< 3.41	< 0.000491	< 0.00137	< 0.000775	< 0.000926	< 0.000368	< 0.000682	< 0.000683	---	---	---	---	1.80	---	---	---	---	---	---	---	---
UHP-2-S-12-201109	12	11/9/2020	2.18 J	< 1.80	< 4.51	0.0137	0.0571	0.00488	0.0175	< 0.000619	< 0.00115	< 0.00115	---	---	---	---	8.05	---	---	---	---	---	---	---	---
UHP-3																									
UHP-3-S-7-201104	7	11/4/2020	1.49 J	< 1.41	5.90 J	< 0.000526	0.00271 J	< 0.000830	< 0.000991	0.000458 J	< 0.000730	< 0.000731	---	---	---	---	2.65	---	---	---	---	---	---	---	---
UHP-3-S-12.5-201109	12.5	11/9/2020	< 1.62	< 1.88	< 4.70	0.00118 J	0.00628 J	< 0.00141	0.00228 J	< 0.000670	< 0.00124	< 0.00124	---	---	---	---	7.61	---	---	---	---	---	---	---	---
UHP-3-S-17-201109	17	11/9/2020	< 1.74	< 1.97	< 4.92	< 0.000960	0.0102 J	< 0.00152	0.00405 J	< 0.000720	< 0.00133	< 0.00133	---	---	---	---	7.53	---	---	---	---	---	---	---	---
UHP-4																									
UHP-4-S-8-201104	8	11/4/2020	< 1.17	< 1.57	11.1 J	< 0.000644	< 0.00179	< 0.00102	< 0.00121	< 0.000483	< 0.000894	< 0.000896	---	---	---	---	2.25	---	---	---	---	---	---	---	---
UHP-4-S-14.5-201109	14.5	11/9/2020	< 0.946	< 1.40	< 3.51	< 0.000521	0.00161 J	< 0.000822	0.00293 J	< 0.000390	< 0.000723	< 0.000724	---	---	---	---	2.11	---	---	---	---	---	---	---	---
UHP-4-S-17.5-201109	17.5	11/9/2020	< 1.14	1.91 J	< 3.86	< 0.000626	< 0.00174	< 0.000988	0.00130 J	< 0.000469	< 0.000868	< 0.000870	---	---	---	---	6.00	---	---	---	---	---	---	---	---
UHP-5																									
UHP-5-S-7.5-201108	7.5	11/8/2020	< 0.911	< 1.38	< 3.44	0.000763 J	0.00153 J	< 0.000792	< 0.000945	< 0.000376	< 0.000696	< 0.000697	---	---	---	---	1.75	---	---	---	---	---	---	---	---
UHP-5-S-14.5-201111	14.5	11/11/2020	< 1.44	< 1.76	< 4.40	0.00411	0.0222	0.00195 J	0.00696 J	< 0.000594	< 0.00110	< 0.00110	---	---	---	---	4.47	---	---	---	---	---	---	---	---
UHP-6																									
UHP-6-S-13-201110	13	11/10/2020	11.9	< 1.38	< 3.46	0.0159	0.0476	0.00523	0.0213	< 0.000378	< 0.000699	< 0.000700	---	---	---	---	1.88	---	---	---	---	---	---	---	---

Legend:
87 - Bold and highlighted entries indicate results exceeding MTCA Method A cleanup levels
< 0.074 - Bold red text indicates that detection limit was greater than MTCA Method A cleanup level due to necessary sample dilution by the laboratory

GRO = Gasoline-range organics
DRO = Diesel-range organics
HRO = Heavy-range organics
MTBE = Methyl tert-butyl ether
EDB = Ethylene dibromide (1,2-Dibromoethane)
EDC = Ethylene dichloride (1,2-Dichloroethane)
PCE = Tetrachloroethane
PCBs = Polychlorinated Biphenyls
PAHs = Polycyclic aromatic hydrocarbons
--- = Not Analyzed

Laboratory Assigned Data Qualifiers:
B = The same analyte is found in the associated blank.
J = The identification of the analyte is acceptable; the reported value is an estimate.
J4 = The associated batch QC was outside the established quality control range for accuracy.
V = The sample concentration is too high to evaluate accurate spike recoveries.

Table 4
Summary of City of Chelan Columbia to Sanders Water and Sewer Main Replacement Project
Soil Sampling Results
Chelan Chevron Site
Chelan, Washington

Sample Location ID	Sample Description	Sample Depth (Feet bgs)	Date	GRO	DRO	HRO	Benzene	Toluene	Ethyl-benzene	Xylenes (Total)
Method A CULs				30/100	2,000	2,000	0.03	7	6	9
119 E. Woodin Avenue										
UST-A1	Hand auger samples collected from boring at northwest corner of UST discovered adjacent to 119 E. Woodin Avenue	8	2/25/2022	<3.39	1,290	210	<0.00136	<0.00678	<0.00339	<0.00881
		10	2/25/2022	<2.70	1,190	164	<0.00108	<0.00541	<0.00270	<0.00703
		11	2/25/2022	<2.75	2,440	212	<0.00440	<0.0220	<0.0110	<0.0286
125 E. Woodin Avenue										
UST-A2	Hand auger samples collected from boring at north end of UST discovered partially underlying building at 125 E. Woodin Avenue	7	2/25/2022	<2.88	46.3	71.9	<0.00115	<0.00577	<0.00288	<0.00750
		10	2/25/2022	<2.81	205	158	<0.00112	<0.00562	<0.00281	<0.00731
UST-A4	Hand auger samples collected from boring at north end of UST discovered partially underlying building at 125 E. Woodin Avenue	5.5	2/25/2022	<3.90	<25.0	80.0	<0.00156	<0.00781	<0.00390	<0.0102
		7.5	2/25/2022	<2.70	7.92	33.7	<0.00108	<0.00541	<0.00270	<0.00703
UST-A5	Hand auger samples collected from boring at north end of UST discovered partially underlying building at 125 E. Woodin Avenue	5	2/25/2022	7,420	51,800	<1,180	1.13	16.2	12.7	80.5
		7.5	2/25/2022	4,940	11,400	<208	0.500	11.3	6.14	52.7
		8.5	2/25/2022	3,190	9,550	<211	0.207	5.27	3.14	26.9
125-40	Grab sample collected by hand from north side of UST encountered during excavation for water main installation	6	3/24/2022	<3.13	<4.49	16.7	<0.00125	<0.00627	<0.00313	<0.00815
125-67	Grab sample collected by hand from southern trench sidewall to assess orange-brown soil staining	8	3/14/2022	<2.75	<4.19	<10.5	<0.00110	<0.00550	<0.00275	<0.00716
125-68	Grab sample collected by hand from trench to assess soil that had sloughed into trench from vicinity of UST-A5 after heavy rain event	4	3/15/2022	110	768	74.5	<0.00139	0.0565	0.0665	0.739
125-73	Grab sample collected by hand from southern trench sidewall to assess soil near inactive subgrade piping	3.5	3/14/2022	<3.34	11.8	84.2	<0.00133	<0.00667	<0.00334	<0.00867
131 E. Woodin Avenue										
131-5	Grab samples collected by hand from southern trench sidewall to assess soil staining observed during excavation for sewer main installation	8	3/15/2022	<2.68	<4.14	<10.4	<0.00107	<0.00537	<0.00268	<0.00698
		9	3/15/2022	<2.81	<4.24	<10.6	<0.00112	<0.00561	<0.00281	<0.00730
133 E. Woodin Avenue										
133-25	Sample collected from excavator bucket spoils of soil removed during excavation for sewer main installation adjacent to 133 E. Woodin	14	3/15/2022	<3.01	<22.0	75.6	<0.00121	<0.00603	<0.00301	<0.00783
135 E. Woodin Avenue										
UST-A3	Soil samples collected in association with UST decommissioning activities conducted by SES	8	2/25/2022	<3.41	216	144	<0.00136	<0.00682	<0.00341	<0.00887
		9	2/25/2022	<2.67	83.4	59.5	<0.00107	<0.00535	<0.00267	<0.00695
135-5	Samples collected from excavator bucket spoils of soil removed during excavation for sewer main installation adjacent to 135 E. Woodin	14	3/16/2022	<3.16	35.1	34.0	<0.00126	<0.00632	<0.00316	<0.00821
135-15		12	3/16/2022	5.00	29.5	50.2	<0.00134	<0.00668	<0.00334	<0.00869
141 E. Woodin Avenue										
141-30	Sample collected from excavator bucket spoils of soil removed during excavation for sewer main installation adjacent to 141 E. Woodin	14	3/17/2022	<2.66	<4.13	<10.3	<0.00107	<0.00533	<0.00266	<0.00692

Table 4
Summary of City of Chelan Columbia to Sanders Water and Sewer Main Replacement Project
Soil Sampling Results
Chelan Chevron Site
Chelan, Washington

Sample Location ID	Sample Description	Sample Depth (Feet bgs)	Date	GRO	DRO	HRO	Benzene	Toluene	Ethyl-benzene	Xylenes (Total)
Method A CULs				30/100	2,000	2,000	0.03	7	6	9
Emerson Street Right-of-Way										
ES-CL-MA	Sample collected from excavator bucket spoils of soil removed during removal of sanitary sewer manhole at approximate centerline of Emerson Street	10	5/2/2022	<3.38	5.23	14.0	<0.00135	<0.00677	<0.00338	0.00972
205 E. Woodin Avenue										
205-24-7	Sample collected from excavator bucket spoils of soil removed adjacent to UST during excavation for water main installation	5	5/4/2022	<3.60	6.19	45.8	<0.00144	<0.00720	<0.00360	<0.00936
209 E. Woodin Avenue										
209-29-5	Samples collected from hand auger boring advanced along north side of UST	4.7	5/5/2022	208	28,100	720	<0.00202	<0.0101	<0.00507	<0.0132
		7.7	5/5/2022	395	61,100	713	<0.0139	<0.0697	<0.0348	<0.0906
		9.9	5/5/2022	55.8	1,150	79.9	<0.00120	<0.00598	<0.00299	<0.00777
221 E. Woodin Avenue										
221-66.5-5.75	Sample collected from hand auger boring advanced near NW corner of UST	8.5	5/3/2022	<5.72	7.92	<15.1	<0.00229	<0.0114	<0.00572	<0.0148
221-74-5.25	Samples collected from hand auger boring advanced near NE corner of UST	4	5/3/2022	37.6	712	232	<0.00144	<0.00720	<0.00360	<0.00936
		7.5	5/3/2022	5.51	6,510	225	<0.00166	<0.00830	<0.00415	<0.0108
221-71-3.5	Sample collected from hand auger boring advanced at an angle to collect sample from beneath approximate mid-point of UST	9.5	5/4/2022	<4.30	383	51.5	<0.00172	<0.00859	<0.00430	<0.0112
221-112-9	Grab sample collected by hand from southern trench sidewall to confirm PCS removal associated with UST release to trench	8.5	5/3/2022	<5.30	<5.35	<13.4	<0.00212	<0.0106	<0.00530	<0.0138
221-112-10.5	Grab sample collected by hand from trench bottom to confirm PCS removal associated with UST release to trench	10.5	5/3/2022	<3.48	<4.55	<11.4	<0.00139	<0.00695	<0.00348	<0.00904
221-76-7	Samples collected using hand auger during trenching for water main installation.	5	5/4/2022	98.3	122	82.8	<0.00137	<0.00687	<0.00343	0.0662
221-112-7		5	5/4/2022	65.8	11.1	52.2	<0.00126	<0.00631	<0.00316	0.0141
229 E. Woodin Avenue										
229-48-18.5	Sample collected from hand auger boring advanced along south side of UST that is present along the north side of the alley	10.2	5/6/2022	<2.72	<4.17	<10.4	<0.00109	<0.00544	<0.00272	<0.00708

Notes:

All cleanup levels and analytical result concentrations are reported in milligrams per kilogram (mg/kg). All analytical results are reported on a dry weight basis.

< - Indicates that the analyte was not detected above the value reported in the table, which is the reported Detection Limit (RDL) for that analysis

55.8 - Values reported in bold text indicate that the analyte was detected at a concentration greater than the RDL and less than the MTCA Method A cleanup level

4,940 - Values reported in bold and highlighted text indicate that the analyte was detected at a concentration greater than the MTCA Method A cleanup level

GRO = Gasoline-range organics

DRO = Diesel-range organics

HRO = Heavy-range organics

bgs = below ground surface (measured from the approximate pre-existing ground surface to the top of the soil sample interval)

Table 5
Summary of Oxygen Emitter System Well Installation Soil and Groundwater Sampling Results
Chelan Chevron Site
Chelan, Washington

Soil Boring/Well ID		OE-1				OE-2				OE-3				OE-4				OE-5				OE-6			
Soil Sampling Results	Approximate Depth (ft bgs)	PID	GRO	DRO	Benzene	PID	GRO	DRO	Benzene	PID	GRO	DRO	Benzene	PID	GRO	DRO	Benzene	PID	GRO	DRO	Benzene	PID	GRO	DRO	Benzene
		(ppm)	(mg/kg dry weight)			(ppm)	(mg/kg dry weight)			(ppm)	(mg/kg dry weight)			(ppm)	(mg/kg dry weight)			(ppm)	(mg/kg dry weight)			(ppm)	(mg/kg dry weight)		
	11										No Soil Samples Submitted for Laboratory Analysis														
	12	2.5				277																			
	13													42				135				104			
	14									18.7															
	15	4,800	7,710	880	2.71	4,500								1,640											
	16					> 15,000	7,620	703	6.61	6,200				2,010				3,058	13,200	204	8.55				
	17																					> 15,000	13,100	434	6.34
	18					6,600				14,100				2,260	10,600	450	111	2,600				> 15,000			
	19																								
	20	69				12,800				> 15,000				2,080				1,860				4,850	768	98.7	0.258
	30	210	40.3	<2.01	2.32	268				171				350				240	38.7	<1.77	2.98	70	14.9	<1.74	0.00349
	40	95	56	<1.82	0.375	530				90.7				286	124	4.49	1.47	84				23			
Groundwater Sampling Results	Sampling Event Date	LNAPLT	GRO	DRO	Benzene	LNAPT	GRO	DRO	Benzene	LNAPT	GRO	DRO	Benzene	LNAPT	GRO	DRO	Benzene	LNAPT	GRO	DRO	Benzene	LNAPT	GRO	DRO	Benzene
		(ft.)	(µg/L)			(ft.)	(µg/L)			(ft.)	(µg/L)			(ft.)	(µg/L)			(ft.)	(µg/L)			(ft.)	(µg/L)		
	5/10-11/2024	0.00	26,100	1,190	855	0.12	Not Sampled Due to Presence of LNAPL			0.39	Not Sampled Due to Presence of LNAPL			0.03	Not Sampled Due to Presence of LNAPL			0.00	27,100	1,370	1,650	0.00	1,850	503	4.36
	11/10/2024	0.00	Not Sampled - Well Not Accessible			0.17	Not Sampled Due to Presence of LNAPL			2.12	Not Sampled Due to Presence of LNAPL			0.28	Not Sampled Due to Presence of LNAPL			0.00	27,500	Not Analyzed	92.4	0.00	1,590	Not Analyzed	3.76

Soil Boring/Well ID		OE-7				OE-8				OE-9				OE-10				OE-11				OE-12			
Soil Sampling Results	Approximate Depth (ft bgs)	PID	GRO	DRO	Benzene	PID	GRO	DRO	Benzene	PID	GRO	DRO	Benzene	PID	GRO	DRO	Benzene	PID	GRO	DRO	Benzene	PID	GRO	DRO	Benzene
		(ppm)	(mg/kg dry weight)			(ppm)	(mg/kg dry weight)			(ppm)	(mg/kg dry weight)			(ppm)	(mg/kg dry weight)			(ppm)	(mg/kg dry weight)			(ppm)	(mg/kg dry weight)		
	11					2.8													No Soil Samples Submitted for Laboratory Analysis						
	12																								
	13	21.2				151	24.1	3.01J	0.00318	0.5				0.2								0.1			
	14	745	258	27.5	0.0615	13.3																57			
	15	266	183	19.1	0.0371					5.1				31.8								39			
	16	171				29.2				1.9				10.7	13	<1.75	<0.000802					2,990	1,710	27.7	<0.00620
	17	13.3	7.42	<1.77	0.00148J					27	2	<1.77	0.000925J					0.0							
	18					22.2	1.76	<1.77	<0.000807	1.0								0.0							
	19	32.2				25.9																			
	20	38.4				24.0				0.9				2.1				0.0				69			
	30	3.8				7.3				0.5				7.8				2.1				20			
	40	8.6				7.6				7.0				0.9				12.4				20			
Groundwater Sampling Results	Sampling Event Date	LNAPLT	GRO	DRO	Benzene	LNAPT	GRO	DRO	Benzene	LNAPT	GRO	DRO	Benzene	LNAPT	GRO	DRO	Benzene	LNAPT	GRO	DRO	Benzene	LNAPT	GRO	DRO	Benzene
		(ft.)	(µg/L)			(ft.)	(µg/L)			(ft.)	(µg/L)			(ft.)	(µg/L)			(ft.)	(µg/L)			(ft.)	(µg/L)		
	5/10-11/2024	0.00	145	232	0.757J	0.00	111	296	0.181	0.00	55.9	416	0.503	0.00	284	611	0.416	0.00	2,340	683	0.760	0.00	1,500	421	0.516
	11/10/2024	0.00	148	Not Analyzed	0.278J	0.00	39.2	Not Analyzed	<0.0941	0.00	<31.6	Not Analyzed	<0.0941	0.00	192B	Not Analyzed	0.624J	0.00	7,340	Not Analyzed	<1.88	0.00	1,230	Not Analyzed	0.530J

Legend:
30 - Bold and highlighted entries indicate results exceeding MTCA Method A cleanup levels or that measurable LNAPL was present in the well
PID = Photo-ionization detector measurement
GRO = Gasoline-range organics
DRO = Diesel-range organics
PPM = Parts per million
LNAPLT = LNAPL Thickness

Table 6
Groundwater Monitoring Data and Analytical Results¹
Chelan Chevron Site
Chelan, Washington
Concentrations reported in µg/L

Well ID	Date	TOC ² (ft.)	DTP (ft.)	DTW (ft.)	LNAPLT (ft.)	GWE ³ (ft.)	GRO	DRO ¹⁰	HRO ¹⁰	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	EDB	EDC	PCE	TCE	Vinyl Chloride	Dissolved Lead	Total Lead
MTCA Method A Cleanup Levels							800/1,000	500	500	5	1,000	700	1,000	20	0.01	5	5	5	0.2	15	15
MW-1	1/9/92	--	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	1/24/92	--	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	2/5/92	--	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	3/10/92	--	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	5/19/92	--	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	6/3/92	--	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	6/17/92	--	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-1	ABANDONED																				
MW-2	1/9/92	1,126.41	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	1/24/92	1,126.41	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	2/5/92	1,126.41	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	3/10/92	1,126.41	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	5/19/92	1,126.41	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	6/3/92	1,126.41	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	6/17/92	1,126.41	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	10/5/92	1,126.41	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	3/19/93	1,126.41	--	21.69	0.00	1,104.72	15,000	130,000	--	16	140	25	13,000	--	--	--	--	--	--	--	--
MW-2	6/17/93	1,126.41	--	21.41	0.00	1,105.00	2,200	53,000	--	3.5	29	0.7	100	--	--	--	--	--	--	--	39
MW-2	9/10/93	1,126.41	--	21.04	0.00	1,105.37	13,000	120,000	--	12	100	9.7	440	--	--	--	--	--	--	--	200
MW-2	11/19/93	1,126.41	--	21.45	0.00	1,104.96	6,100	67,000	--	3.1	35	5.2	200	--	--	--	--	--	--	--	260
MW-2	3/10/94	1,126.41	--	21.39	0.00	1,105.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	5/8/94	1,126.41	--	21.41	0.00	1,105.00	12,000	71,000	--	ND	14	5.9	210	--	--	--	--	--	--	--	36.9
MW-2	8/24/94	1,126.41	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	11/16/94	1,126.41	--	21.53	0.00	1,104.88	22,000	220,000	--	ND	9.6	16	300	--	--	--	--	--	--	--	490
MW-2	2/22/95	1,126.41	--	21.23	0.00	1,105.18	9,400	15,000	ND	ND	7.2	2.2	94	--	--	--	--	--	--	--	11
MW-2	5/9-10/95	1,126.41	--	21.77	0.00	1,104.64	1,400	--	--	0.56	2.7	0.98	45	--	--	--	--	--	--	--	6.8
MW-2	8/15/95	1,126.41	--	21.50	0.00	1,104.91	6,700	2,300	940	600	160	280	750	--	--	--	--	--	--	--	--
MW-2	11/6/95	1,126.41	--	21.13	0.00	1,105.28	1,400	8,200	1,600	ND	0.78	ND	64	--	--	--	--	--	--	--	--
MW-2	2/27/96	1,126.41	--	20.25	0.00	1,106.16	7,200	3,000	ND	ND	ND	ND	940	--	--	--	--	--	--	--	--
MW-2	8/13/96	1,126.41	--	20.28	0.00	1,106.13	3,190	30,900	ND	ND	ND	2.68	35.1	--	--	--	--	--	--	--	--
MW-2	2/11/97	1,126.41	--	22.64	0.00	1,103.77	3,150	17,400	2,090	ND	ND	ND	ND	--	--	--	--	--	--	--	--
MW-2	9/23/97	1,126.41	--	20.30	0.00	1,106.11	3,270	12,300	ND	26	134	200	116	--	--	--	--	--	--	--	--
MW-2	3/3/98	1,126.41	--	20.10	0.00	1,106.31	13,400	1,600	ND	37.5	869	267	1,540	--	--	--	--	--	--	--	--
MW-2	9/23/98	1,126.41	--	20.24	0.00	1,106.17	21,600	894	ND	ND	1,460	650	3,730	--	--	--	--	--	--	--	--
MW-2	3/20/99	1,126.41	--	20.31	0.00	1,106.10	30,900	20,200	19,200	ND	1,800	737	5,240	--	--	--	--	--	--	--	--
MW-2	9/2/99	1,126.41	--	20.72	0.00	1,105.69	12,600	3,090	ND	9.31	244	380	1,740	--	--	--	--	--	--	--	--
MW-2	5/10/00	1,126.41	21.16	21.16	Sheen	1,105.25	23,800	--	--	ND	89.9	184	920	ND	--	--	--	--	--	--	--
MW-2	11/11/00	1,126.41	--	21.11	0.00	1,105.30	7,200	4,850	791	21.4	14.4	30.4	52.1	7.21	--	--	--	--	--	--	--
MW-2	2/19/01	1,126.41	--	21.38	0.00	1,105.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	2/26/01	1,126.41	--	21.44	0.00	1,104.97	2,740	2,690	ND	8.72	ND	6.04	17.0	ND ⁷	--	--	--	--	--	--	--
MW-2	5/25/01	1,126.41	--	23.27	0.00	1,103.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	8/17/01	1,126.41	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	11/9/01	1,126.41	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	1/24/02	1,126.41	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	7/1/03	1,126.41	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	7/15/03	1,126.41	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	10/23/03	1,126.41	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	1/14/04	1,126.41	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	4/13/04	1,126.41	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	7/12/04	1,126.41	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	10/13/04	1,126.41	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	1/12/05	1,126.41	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	5/2/05	1,126.41	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	7/13/05	1,126.41	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	10/26/05	1,126.41	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	5/22/06	1,126.41	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	11/6/07	1,126.41	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 6
Groundwater Monitoring Data and Analytical Results¹
Chelan Chevron Site
Chelan, Washington
Concentrations reported in µg/L

Well ID	Date	TOC ² (ft.)	DTP (ft.)	DTW (ft.)	LNAPLT (ft.)	GWE ³ (ft.)	GRO	DRO ¹⁰	HRO ¹⁰	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	EDB	EDC	PCE	TCE	Vinyl Chloride	Dissolved Lead	Total Lead
MTCA Method A Cleanup Levels							800/1,000	500	500	5	1,000	700	1,000	20	0.01	5	5	5	0.2	15	15
MW-2	5/18-19/09	1,126.41	UNABLE TO LOCATE				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	5/18-20/10	1,126.41	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	5/5/11	1,126.41	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	5/21/12	1,126.41	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	5/13/13	1,126.41	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	5/5/14	1,126.41	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	6/17/15	1,126.41	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	9/21/15	1,126.41	NOT SAMPLED DUE TO OBSTRUCTION IN WELL				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	12/9/15	1,126.41	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	3/14/16	1,126.41	--	21.75	0.00	1,104.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	6/22/16	1,126.41	--	20.76	0.00	1,105.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	9/11/16	1,126.41	--	20.64	0.00	1,105.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	3/19-20/17	1,126.41	--	22.87	0.00	1,103.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	6/19/17	1,126.41	--	20.31	0.00	1,106.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	10/16/17	1,126.41	--	20.50	0.00	1,105.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	12/3/17	1,126.41	--	20.69	0.00	1,105.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	3/18/18	1,126.41	--	20.22	0.00	1,106.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	6/24/18	1,126.41	--	20.31	0.00	1,106.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	9/11/18	1,126.41	--	20.59	0.00	1,105.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	12/4/18	1,126.41	--	20.79	0.00	1,105.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	4/29/19	1,126.41	--	22.79	0.00	1,103.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	6/10/19	1,126.41	--	22.31	0.00	1,104.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	9/22/19	1,126.41	--	22.92	0.00	1,103.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	11/6/19	1,126.41	NOT SAMPLED DUE TO OBSTRUCTION IN WELL				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	7/28/20	1,126.41	--	22.71	0.00	1,103.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	12/4/20	1,126.41	--	28.65	0.00	1,097.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	4/16/21	1,126.41	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	10/15/21	1,126.41	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	4/27/22	1,126.41	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	8/31/22	1,126.41	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	5/17/23	1,126.41	--	20.87	0.00	1,105.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	8/22/23	1,126.41	--	21.37	0.00	1,105.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-2	11/4/23	1,126.41	--	21.55	0.00	1,104.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	1/9/92	1,127.37	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	1/24/92	1,127.37	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	2/5/92	1,127.37	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	3/10/92	1,127.37	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	5/19/92	1,127.37	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	6/3/92	1,127.37	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	6/17/92	1,127.37	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	10/5/92	1,127.37	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	3/19/93	1,127.37	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	6/17/93	1,127.37	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	9/10/93	1,127.37	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	11/19/93	1,127.37	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	3/10/94	1,127.37	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	5/8/94	1,127.37	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	8/24/94	1,127.37	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	11/16/94	1,127.37	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	2/22/95	1,127.37	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	5/9-10/95	1,127.37	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	8/15/95	1,127.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	11/6/95	1,127.37	--	24.55	--	1,102.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	2/27/96	1,127.37	--	24.30	--	1,103.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	8/13/96	1,127.37	--	22.20	--	1,105.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	2/11/97	1,127.37	--	22.95	--	1,104.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	9/23/97	1,127.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 6
Groundwater Monitoring Data and Analytical Results¹
Chelan Chevron Site
Chelan, Washington
Concentrations reported in µg/L

Well ID	Date	TOC ² (ft.)	DTP (ft.)	DTW (ft.)	LNAPLT (ft.)	GWE ³ (ft.)	GRO	DRO ¹⁰	HRO ¹⁰	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	EDB	EDC	PCE	TCE	Vinyl Chloride	Dissolved Lead	Total Lead
MTCA Method A Cleanup Levels							800/1,000	500	500	5	1,000	700	1,000	20	0.01	5	5	5	0.2	15	15
MW-3	3/3/98	1,127.37	--	21.85	--	1,105.52	59	428	ND	0.630	0.643	ND	ND	--	--	--	--	--	--	--	--
MW-3	9/23/98	1,127.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	2/19/01	1,127.37	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	5/10/00	1,127.37	--	24.57	0.00	1,102.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	9/20-21/01	1,127.37	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	11/14/01	1,127.37	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	7/1/03	1,127.37	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	7/15/03	1,127.37	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	1/14/04	1,127.37	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	4/13/04	1,127.37	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	7/12/04	1,127.37	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	10/13/04	1,127.37	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	1/12/05	1,127.37	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	5/2/05	1,127.37	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	7/13/05	1,127.37	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	10/26/05	1,127.37	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	5/22/06	1,127.37	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	11/6/07	1,127.37	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	ABANDONED																				
MW-4	1/9/92	1,125.81	--	24.37	--	1,101.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	1/24/92	1,125.81	--	24.30	--	1,101.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	2/5/92	1,125.81	--	24.35	--	1,101.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	3/10/92	1,125.81	--	24.30	--	1,101.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	5/19/92	1,125.81	--	24.34	--	1,101.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	6/3/92	1,125.81	--	24.31	--	1,125.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	6/17/92	1,125.81	--	24.33	--	1,101.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	10/5/92	1,125.81	--	24.29	--	1,101.52	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	3/19/93	1,125.81	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	6/17/93	1,125.81	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	9/10/93	1,125.81	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	11/19/93	1,125.81	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	3/10/94	1,125.81	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	5/8/94	1,125.81	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	8/24/94	1,125.81	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	11/16/94	1,125.81	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	2/22/95	1,125.81	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	5/9-10/95	1,125.81	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	8/15/95	1,125.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	11/6/95	1,125.81	--	24.50	--	1,101.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	2/27/96	1,125.81	--	23.22	--	1,102.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	8/13/96	1,125.81	--	23.22	--	1,102.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	2/11/97	1,125.81	--	22.65	--	1,103.16	72.8	1,310	1,400	4.64	0.610	ND	3.36	--	--	--	--	--	--	--	--
MW-4	9/23/97	1,125.81	--	21.40	--	1,104.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	3/3/98	1,125.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	9/23/98	1,125.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	9/2/99	1,125.81	--	22.31	0.00	1,103.50	151	876	1,060	0.789	1.95	2.48	15.0	--	--	--	--	--	--	--	--
MW-4	5/10/00	1,125.81	--	23.60	0.00	1,102.21	287	--	--	11	ND	14.0	2.08	ND	--	--	--	--	--	--	--
MW-4	11/11/00	1,125.81	INACCESSIBLE - PAVED OVER				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	2/26/01	1,125.81	INACCESSIBLE - PAVED OVER				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	5/25/01	1,125.81	--	24.40	0.00	1,101.41	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--	--	--	--	--	--	--	--	--
MW-4	6/19/01	1,125.81	--	24.45	0.00	1,101.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	8/17/01	1,125.81	--	24.36	0.00	1,101.45	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--	--	--	--	--	--	--	--	--
MW-4	9/21/01	1,125.81	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	11/9/01	1,125.81	--	24.35	0.00	1,101.46	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--	--	--	--	--	--	--	--	--
MW-4	11/14/01	1,125.81	--	24.37	0.00	1,101.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	1/24/02	1,125.81	--	24.41	0.00	1,101.40	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--	--	--	--	--	--	--	--	--
MW-4	7/1/03	1,125.81	--	24.30	0.00	1,101.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 6
Groundwater Monitoring Data and Analytical Results¹
Chelan Chevron Site
Chelan, Washington
Concentrations reported in µg/L

Well ID	Date	TOC ² (ft.)	DTP (ft.)	DTW (ft.)	LNAPLT (ft.)	GWE ³ (ft.)	GRO	DRO ¹⁰	HRO ¹⁰	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	EDB	EDC	PCE	TCE	Vinyl Chloride	Dissolved Lead	Total Lead
MTCA Method A Cleanup Levels							800/1,000	500	500	5	1,000	700	1,000	20	0.01	5	5	5	0.2	15	15
MW-4	7/15/03	1,125.81	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	10/23/03	1,125.81	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	1/14/04	1,125.81	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	4/13/04	1,125.81	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	7/12/04	1,125.81	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	10/13/04	1,125.81	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	1/12/05	1,125.81	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	5/2/05	1,125.81	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	10/26/05	1,125.81	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	5/22/06	1,125.81	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	11/6/07	1,125.81	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-4	ABANDONED																				
MW-5	1/9/92	1,125.51	--	30.52	--	1,094.99	ND	ND	--	43	0.6	ND	24	--	--	--	--	--	--	--	ND
MW-5	1/24/92	1,125.51	--	30.70	--	1,094.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	2/5/92	1,125.51	--	31.18	--	1,094.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	3/10/92	1,125.51	--	32.06	--	1,093.45	ND	ND	--	5.8	0.8	ND	3.0	--	--	--	--	--	--	--	ND
MW-5	5/19/92	1,125.51	--	33.70	--	1,091.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	6/3/92	1,125.51	--	34.39	--	1,091.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	6/17/92	1,125.51	--	34.85	--	1,090.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	10/5/92	1,125.51	--	33.97	--	1,091.54	ND	--	--	ND	ND	ND	ND	--	--	--	--	--	--	--	330
MW-5	3/19/93	1,125.51	--	33.35	--	1,092.16	ND	ND	--	ND	ND	ND	ND	--	--	--	--	--	--	--	58
MW-5	6/17/93	1,125.51	--	33.84	--	1,091.67	ND	ND	--	ND	ND	ND	ND	--	--	--	--	--	--	--	--
MW-5	9/10/93	1,125.51	--	32.70	--	1,092.81	ND	ND	--	ND	0.5	ND	ND	--	--	--	--	--	--	--	46
MW-5	11/19/93	1,125.51	--	33.36	--	1,092.15	ND	ND	--	ND	ND	ND	ND	--	--	--	--	--	--	--	23
MW-5	3/10/94	1,125.51	--	33.90	--	1,091.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	5/8/94	1,125.51	--	35.00	--	1,090.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	8/24/94	1,125.51	--	33.26	--	1,092.25	ND	400	--	ND	ND	ND	ND	--	--	--	--	--	--	--	20
MW-5	11/16/94	1,125.51	--	32.22	--	1,093.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	2/22/95	1,125.51	--	31.28	--	1,094.23	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	2.2
MW-5	5/9-10/95	1,125.51	--	29.64	--	1,095.87	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	ND
MW-5	8/15/95	1,125.51	--	23.72	--	1,101.79	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
MW-5	11/6/95	1,125.51	--	21.00	--	1,104.51	ND	410	940	ND	ND	ND	ND	--	--	--	--	--	--	--	--
MW-5	2/27/96	1,125.51	--	20.27	--	1,105.24	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
MW-5	8/13/96	1,125.51	--	20.30	--	1,105.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	2/11/97	1,125.51	INACCESSIBLE - DUE TO SNOW				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	9/23/97	1,125.51	--	19.75	--	1,105.76	ND	334	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
MW-5	3/3/98	1,125.51	--	19.50	--	1,106.01	ND	679	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
MW-5	9/23/98	1,125.51	--	19.65	--	1,105.86	66.7	296	ND	24	ND	ND	1.94	--	--	--	--	--	--	--	--
MW-5	3/20/99	1,125.51	--	19.72	0.00	1,105.79	ND	501	ND	15	ND	ND	ND	--	--	--	--	--	--	--	--
MW-5	9/2/99	1,125.51	--	20.09	0.00	1,105.42	165	376	ND	6.43	ND	ND	24.7	--	--	--	--	--	--	--	--
MW-5	5/10/00	1,125.51	--	20.52	0.00	1,104.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	11/11/00	1,125.51	--	20.48	0.00	1,105.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	2/19/01	1,125.51	--	20.74	0.00	1,104.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	2/26/01	1,125.51	--	20.76	0.00	1,104.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	5/25/01	1,125.51	--	26.22	0.00	1,099.29	<50	<50	<250	<0.50	<0.50	<0.50	<0.50	<2.5	--	--	--	--	--	--	--
MW-5	6/19/01	1,125.51	--	28.15	--	1,097.36	<50.0	<250	<500	<0.500	<0.500	<0.500	<1.00	<1.00	--	--	--	--	--	--	--
MW-5	8/17/01	1,125.51	--	28.59	0.00	1,096.92	<50.0	<250	<500	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--	--	--
MW-5	11/9/01	1,125.51	--	28.89	0.00	1,096.62	<100	<250	<750	<0.500	<1.00	<1.00	<1.50	--	--	--	--	--	--	--	--
MW-5	1/24/02	1,125.51	--	28.91	0.00	1,096.60	<50.0	<250	<500	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--	--	--
MW-5	5/19/02	1,125.51	--	23.22	0.00	1,102.29	<50	<250	<750	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--	--	--	--
MW-5	7/16/02	1,125.51	--	29.09	0.00	1,096.42	<50	<250	<750	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--	--	--	--
MW-5	11/11/02	1,125.51	--	30.23	0.00	1,095.28	<50	<250	<250	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--	--	--	--
MW-5	2/24/03	1,125.51	--	30.91	0.00	1,094.60	<50	<250	<250	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--	--	--	--
MW-5	4/1-4/03	1,125.51	--	30.79	0.00	1,094.72	<50	<250	<250	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-5	4/1-4/03 (D)	1,125.51	--	--	--	--	<50	<250	<250	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-5	7/1/03	1,125.51	--	32.14	0.00	1,093.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	7/15/03	1,125.51	--	32.30	0.00	1,093.21	NOT SAMPLED DUE TO OBSTRUCTION/BENT CASING				--	--	--	--	--	--	--	--	--	--	--

Table 6
Groundwater Monitoring Data and Analytical Results¹
Chelan Chevron Site
Chelan, Washington
Concentrations reported in µg/L

Well ID	Date	TOC ²	DTP	DTW	LNAPLT	GWE ³	GRO	DRO ¹⁰	HRO ¹⁰	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	EDB	EDC	PCE	TCE	Vinyl Chloride	Dissolved Lead	Total Lead
		(ft.)	(ft.)	(ft.)	(ft.)	(ft.)															
MTCA Method A Cleanup Levels							800/1,000	500	500	5	1,000	700	1,000	20	0.01	5	5	5	0.2	15	15
MW-5	10/23/03	1,125.51	--	31.74	0.00	1,093.77	56	<160	<200	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-5	1/13/04	1,125.51	--	34.50	0.00	1,091.01	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--	--	--	--	--	--	--	--
MW-5	4/14/04	1,125.51	--	33.83	0.00	1,091.68	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--	--	--	--	--	--	--	--
MW-5	7/12/04	1,125.51	--	33.50	0.00	1,092.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	10/13/04	1,125.51	--	33.19	0.00	1,092.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	1/12/05	1,125.51	--	34.05	0.00	1,091.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	5/2/05	1,125.51	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	5/17/05	1,125.51	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	7/13/05	1,125.51	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	10/26/05	1,125.51	--	34.75	0.00	1,090.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	3/14/06	1,125.51	--	30.88	0.00	1,094.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	5/22/06	1,125.51	--	30.18	0.00	1,095.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	10/2/06	1,125.51	--	29.79	0.00	1,095.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	5/22/07	1,125.51	--	29.33	0.00	1,096.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	11/6/07	1,125.51	--	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--	--	--	--	--	--	--	--	--
MW-5	5/12/08	1,125.51	--	30.69	--	1,094.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	10/28/08	1,125.51	--	30.62	--	1,094.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	5/18-19/09	1,125.51	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	5/18-20/10	1,125.51	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	5/5/11	1,125.51	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	5/21/12	1,125.51	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	5/13/13	1,125.51	--	34.33	0.00	1,091.18	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--	--	--	--	--	--	--	--
MW-5	5/5/14	1,125.51	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	6/17/15	1,125.51	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	9/21/15	1,125.51	--	29.11	0.00	1,096.40	<50	<28/<28	<68/<68	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-5	12/9/15	1,125.51	--	28.85	0.00	1,096.66	<50	<29/<29	--<67	0.30	<0.2	<0.2	<0.2	--	--	--	--	--	--	--	--
MW-5	3/14/16	1,125.51	--	26.20	0.00	1,099.31	<50	<29/110	<68/180	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-5	6/22/16	1,125.51	--	20.30	0.00	1,105.21	<50	<28/92	<66/71	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-5	9/11-12/16	1,125.51	--	20.31	0.00	1,105.20	<50	<29/<29	<67/<67	<0.5	<0.5	<0.5	<0.5	--	<0.0095	<0.5	--	--	--	--	--
MW-5	3/19-20/17	1,125.51	--	19.99	0.00	1,105.52	<50	<29/31	<67/<67	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	--	--	--	<6.2	9.9
MW-5	6/19/17	1,125.51	--	19.96	0.00	1,105.55	<50	<29/120	<67/160	<0.5	<0.5	<0.5	<0.5	--	<0.0096	<0.5	--	--	--	<6.0	11.0
MW-5	10/16/17	1,125.51	--	20.17	0.00	1,105.34	<50	<29/130	<67/240	<0.5	<0.5	<0.5	<0.5	--	<0.0093	<0.5	--	--	--	<6.0	17.0
MW-5	12/3/17	1,125.51	--	20.35	0.00	1,105.16	<50	<29/140	71/190	<0.5	<0.5	<0.5	<0.5	--	<0.0096	<0.5	--	--	--	<6.0	39.4
MW-5	3/19/18	1,125.51	--	19.69	0.00	1,105.82	<250	<97/65	91/110	<1	<1	<1	<1	--	<0.029	<1	--	--	--	--	16.8
MW-5	6/25/18	1,125.51	--	19.65	0.00	1,105.86	<250	<96/87	<240/160	<1	<1	<1	<1	--	<0.029	<1	--	--	--	--	27.6
MW-5	9/11/18	1,125.51	--	19.91	0.00	1,105.60	<250	<94/46	<230/<230	<1	<1	<1	<1	--	<0.029	<1	--	--	--	--	29.6
MW-5	12/4/18	1,125.51	--	20.52	0.00	1,104.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	4/30/19	1,125.51	--	27.64	0.00	1,097.87	<250	<96/43	<240/<250	<1	<1	<1	<5	--	<0.029	<1	--	--	--	--	118
MW-5	6/10/19	1,125.51	--	28.19	0.00	1,097.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	9/22/19	1,125.51	--	27.47	0.00	1,098.04	<250	<96/94	<240/72	<1	<1	<1	<5	--	<0.029	<1	--	--	--	--	50.9
MW-5	11/6/19	1,125.51	--	27.44	0.00	1,098.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	7/28/20	1,125.51	--	25.59	0.00	1,099.92	<100	<200/<200	<250/<250	<1	<1	<1	<3	--	<0.020	<1	--	--	--	<6	<6
MW-5	12/4/20	1,125.51	--	29.20	0.00	1,096.31	42.1	<200/<200	<250/<250	<1	<1	<1	<3	--	<0.020	<1	--	--	--	4.10	<6
MW-5	4/16/21	1,125.51	--	31.20	0.00	1,094.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	10/15/21	1,125.51	--	31.66	0.00	1,093.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	4/27/22	1,125.51	--	34.35	0.00	1,091.16	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--	--	--	--	--	--	--	--
MW-5	8/31/22	1,125.51	--	33.46	0.00	1,092.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	5/17/23	1,125.51	--	20.29	0.00	1,105.22	<100	<200	<250	<1	<1	<1	<3	--	<0.00574	<1	--	--	--	--	<6
MW-5	8/22/23	1,125.51	--	20.97	0.00	1,104.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5	11/3/23	1,125.51	--	23.55	0.00	1,101.96	<100	<400	<500	<1	<1	<1	<3	--	<0.00552	<1	--	--	--	--	<6
MW-6	1/9/92	1,127.33	--	31.00	0.00	1,096.33	64,000	ND	--	7,800	16,000	810	7,800	--	--	--	--	--	--	--	8.8
MW-6	1/24/92	1,127.33	--	31.08	0.00	1,096.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	2/5/92	1,127.33	--	31.52	0.00	1,095.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	3/10/92	1,127.33	32.17	32.29	0.12	1,095.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	5/19/92	1,127.33	32.56	32.79	0.23	1,094.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	6/3/92	1,127.33	32.90	33.21	0.31	1,094.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	6/17/92	1,127.33	33.25	33.44	0.19	1,094.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 6
Groundwater Monitoring Data and Analytical Results¹
Chelan Chevron Site
Chelan, Washington
Concentrations reported in µg/L

Well ID	Date	TOC ² (ft.)	DTP (ft.)	DTW (ft.)	LNAPLT (ft.)	GWE ³ (ft.)	GRO 800/1,000	DRO ¹⁰ 500	HRO ¹⁰ 500	Benzene 5	Toluene 1,000	Ethyl- benzene 700	Total Xylenes 1,000	MTBE 20	EDB 0.01	EDC 5	PCE 5	TCE 5	Vinyl Chloride 0.2	Dissolved Lead 15	Total Lead 15
MTCA Method A Cleanup Levels																					
MW-6	7/7/92	1,127.33	--	31.40	0.00	1,095.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	10/5/92	1,127.33	--	32.40	0.00	1,094.93	120,000	19,000	--	4,300	11,000	620	72,000	--	--	--	--	--	--	--	870
MW-6	3/19/93	1,127.33	--	30.99	0.00	1,096.34	55,000	15,000	--	5,100	13,000	800	6,500	--	--	--	--	--	--	--	200
MW-6	6/17/93	1,127.33	--	30.69	0.00	1,096.64	54,000	26,000	--	2,700	9,500	730	6,400	--	--	--	--	--	--	--	360
MW-6	9/10/93	1,127.33	--	29.96	0.00	1,097.37	81,000	3,300	--	5,400	8,500	380	3,600	--	--	--	--	--	--	--	32
MW-6	11/19/93	1,127.33	--	31.42	0.00	1,095.91	92,000	3,300	--	9,800	22,000	1,300	10,000	--	--	--	--	--	--	--	8.2
MW-6	3/10/94	1,127.33	--	30.94	0.00	1,096.39	82,000	9,200	--	7,500	15,000	1,300	10,000	--	--	--	--	--	--	--	230
MW-6	5/8/94	1,127.33	--	31.39	0.00	1,095.94	120,000	11,000	--	8,500	19,000	1,400	11,000	--	--	--	--	--	--	--	54
MW-6	8/24/94	1,127.33	--	32.65	0.00	1,094.68	15,000	7,100	--	1,100	120	38	1,600	--	--	--	--	--	--	--	29
MW-6	11/16/94	1,127.33	--	30.61	0.00	1,096.72	62,000	18,000	--	6,000	9,500	700	6,100	--	--	--	--	--	--	--	35
MW-6	2/22/95	1,127.33	--	29.14	0.00	1,098.19	22,000	2,800	ND	420	1,300	180	1,800	--	--	--	--	--	--	--	23
MW-6	5/9-10/95	1,127.33	--	27.30	0.00	1,100.03	37,000	1,200	ND	1,600	7,700	320	4,600	--	--	--	--	--	--	--	ND
MW-6	8/15/95	1,127.33	--	27.74	0.00	1,099.59	54,000	3,800	ND	3,100	11,000	700	6,300	--	--	--	--	--	--	--	--
MW-6	11/6/95	1,127.33	--	25.68	0.00	1,101.65	69,000	6,100	1,100	3,000	9,800	810	12,000	--	--	--	--	--	--	--	--
MW-6	2/27/96	1,127.33	--	24.63	0.00	1,102.70	2,200	760	ND	110	17	6.6	370	--	--	--	--	--	--	--	--
MW-6	8/13/96	1,127.33	--	23.50	0.00	1,103.83	6,340	3,100	ND	334	27.5	70.9	1,250	--	--	--	--	--	--	--	--
MW-6	2/11/97	1,127.33	--	27.50	0.00	1,099.83	329	890	ND	63.3	13.6	2.61	57.8	--	--	--	--	--	--	--	--
MW-6	9/23/97	1,127.33	--	23.65	0.00	1,103.68	603	ND	ND	9.26	ND	1.12	40.2	--	--	--	--	--	--	--	--
MW-6	3/3/98	1,127.33	--	21.40	0.00	1,105.93	839	ND	ND	3.57	0.937	2.09	10.7	--	--	--	--	--	--	--	--
MW-6	9/23/98	1,127.33	--	20.50	0.00	1,106.83	5,040	287	ND	26.2	ND	ND	185	ND	--	--	--	--	--	--	--
MW-6	3/20/99	1,127.33	--	22.62	0.00	1,104.71	6,490	1,420	2,040	105	6.31	18.4	335	--	--	--	--	--	--	--	--
MW-6	9/2/99	1,127.33	--	25.32	0.00	1,102.01	1,360	860	ND	87.2	ND	ND	7.61	--	--	--	--	--	--	--	--
MW-6	5/10/00	1,127.33	--	26.27	0.00	1,101.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	2/19/01	1,127.33	--	27.42	0.00	1,099.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	5/25/01	1,127.33	--	29.09	0.00	1,098.24	180,000	21,000	<25,000	1,300	<1,000	<1,000	<1,000	<5,000	--	--	--	--	--	--	--
MW-6	6/1/01	1,127.33	--	28.89	0.00	1,098.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	6/19/01	1,127.33	--	29.59	0.00	1,097.74	8,610	774	<500	974	21.2	239	77.9	209/<50.0 ⁷	--	--	--	--	--	--	--
MW-6	8/17/01	1,127.33	--	29.55	0.00	1,097.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	9/21/01	1,127.33	--	29.67	0.00	1,097.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	11/9/01	1,127.33	--	29.76	0.00	1,097.57	8,890	1,200	<750	1,280	26.4	292	21.2	--	--	--	--	--	--	--	--
MW-6	11/14/01	1,127.33	--	29.73	0.00	1,097.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	1/24/02	1,127.33	--	30.57	0.00	1,096.76	8,860	836	<500	1,520	18.3	438	<20.0	--	--	--	--	--	--	--	--
MW-6	5/19/02	1,127.33	--	29.15	0.00	1,098.18	6,600	12,000	<5,000	720	8.7	200	16	<10	--	--	--	--	--	--	--
MW-6	7/16/02	1,127.33	--	29.92	0.00	1,097.41	6,000	20,000	<8,000	1,300	23	440	<15	<2.5	--	--	--	--	--	--	--
MW-6	11/11/02	1,127.33	--	30.75	0.00	1,096.58	5,300	6,700	<990	1,100	15	340	18	<50	--	--	--	--	--	--	--
MW-6	2/24/03	1,127.33	--	31.09	0.00	1,096.24	4,000	4,600	480	1,100	12	280	14	<10	--	--	--	--	--	--	--
MW-6	4/1-4/03	1,127.33	--	31.00	0.00	1,096.33	5,400	4,400	<480	1,200	10	200	14	<50/<2 ⁷	--	--	--	--	--	--	--
MW-6	7/1/03	1,127.33	--	32.05	0.00	1,095.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	7/15/03	1,127.33	--	32.15	0.00	1,095.18	3,200	--	--	73	3.5	46	14	<5.0	--	--	--	--	--	--	--
MW-6	10/23/03	1,127.33	--	31.84	0.00	1,095.49	2,000	3,600	1,900	160.0	2.3	32	<10	--	--	--	--	--	--	4.7	--
MW-6	1/13/04	1,127.33	--	33.34	0.00	1,093.99	4,500	18,000	4,300	110	6.7	58	15	<5.0	--	--	--	--	--	7.8	--
MW-6	4/14/04	1,127.33	--	32.56	0.00	1,094.77	1,700	4,200	420	600	4.7	12	12	<10	--	--	--	--	--	8.9	--
MW-6	7/13/04	1,127.33	--	33.06	0.00	1,094.27	2,200	2,200	<480	750	12	95	36	<50	--	--	--	--	--	3.7	--
MW-6	10/13/04	1,127.33	--	32.43	0.00	1,094.90	660	560	<100	160	2.2	24	6.6	<20	--	--	--	--	--	11.1	--
MW-6	1/12/05	1,127.33	--	32.78	0.00	1,094.55	1,400	1,300	<100	180	3.5	35	11	--	--	--	--	--	--	7.6	--
MW-6	5/2/05	1,127.33	--	34.30	0.00	1,093.03	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--	--	--	--	--	--	--	--
MW-6	7/13/05	1,127.33	--	34.51	1.00	1,093.62	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--	--	--	--	--	--	--	--
MW-6	10/26/05	1,127.33	--	33.11	1.00	1,095.02	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--	--	--	--	--	--	--	--
MW-6	3/14/06	1,127.33	--	30.45	0.00	1,096.88	460	3,400	<1,100	30	1.2	<2.0	<5.0	--	--	--	--	--	--	--	--
MW-6	5/22/06	1,127.33	--	30.41	0.00	1,096.92	510	1,900	140	20	1.1	0.5	2.8	--	--	--	--	--	--	--	--
MW-6	10/3/06	1,127.33	--	30.30	0.00	1,097.03	410	2,500	220	11	0.5	0.8	3.8	--	--	--	--	--	--	--	--
MW-6	5/23/07	1,127.33	--	29.93	0.00	1,097.40	670	2,700	370	12	1.1	0.9	3.1	--	--	--	--	--	--	--	--
MW-6	11/6/07	1,127.33	--	28.79	0.00	1,098.54	340	1,100	330	14	1.4	1.7	2.9	--	--	--	--	--	--	--	--
MW-6	5/15/08	1,127.33	--	31.02	0.00	1,096.31	1,100	1,600	<200	60	2.3	3.5	4.3	--	--	--	--	--	--	--	--
MW-6	5/18-19/09	1,127.33	--	33.07	0.00	1,094.26	490	1,100	<80	2.7	0.8	0.6	3.2	--	--	--	--	--	--	--	--
MW-6	5/18-20/10	1,127.33	--	33.77	0.00	1,093.56	220	540	<73	0.9	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-6	5/5/11	1,127.33	--	31.90	0.00	1,095.43	80	310	93	1.3	0.9	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-6	5/21/12	1,127.33	--	35.62	0.00	1,091.71	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--	--	--	--	--	--	--	--

Table 6
Groundwater Monitoring Data and Analytical Results¹
Chelan Chevron Site
Chelan, Washington
Concentrations reported in µg/L

Well ID	Date	TOC ² (ft.)	DTP (ft.)	DTW (ft.)	LNAPLT (ft.)	GWE ³ (ft.)	GRO	DRO ¹⁰	HRO ¹⁰	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	EDB	EDC	PCE	TCE	Vinyl Chloride	Dissolved Lead	Total Lead
MTCA Method A Cleanup Levels							800/1,000	500	500	5	1,000	700	1,000	20	0.01	5	5	5	0.2	15	15
MW-6	5/15/13	1,127.33	--	33.04	0.00	1,094.29	--	340	<67	2.0	1.3	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-6	5/5/14	1,127.33	--	35.31	0.00	1,092.02	NOT SAMPLED DUE TO INSUFFICIENT WATER														
MW-6	6/17/15	1,127.33	--	30.61	0.00	1,096.72	340	<28/2,200	<66/390	3.0	0.8	<2.0	2	--	--	--	--	--	--	--	--
MW-6	9/21/15	1,127.33	--	29.55	0.00	1,097.78	1,100	<28/2,200	<66/470	16	<0.5	1.8	4.1	--	--	--	--	--	--	--	--
MW-6	12/9/15	1,127.33	--	29.19	0.00	1,098.14	2,200	33/2,200	--/470	22	4.8	2.5	5.4	--	--	--	--	--	--	--	--
MW-6	3/14/16	1,127.33	--	26.01	0.00	1,101.32	1,700	<29/480	<67/350	11	2.0	0.7	2.4	--	--	--	--	--	--	--	--
MW-6	6/22/16	1,127.33	--	24.30	0.00	1,103.03	740	<28/100	<66/200	5.8	0.8	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-6	9/11-12/16	1,127.33	--	24.63	0.00	1,102.70	1,300	<29/95	<67/110	0.8	<0.5	<0.5	<0.5	--	<0.0094	<0.5	--	--	--	--	--
MW-6	3/19-20/17	1,127.33	--	23.59	0.00	1,103.74	750	<29/70	<67/<67	<0.5	<0.5	<0.5	<0.5	--	<0.0096	<0.5	--	--	--	<6.2	7.1
MW-6	6/19/17	1,127.33	--	23.43	0.00	1,103.90	1,400	<28/260	<66/230	0.9	0.6	2.0	0.6	--	<0.0095	0.7	--	--	--	<6.0	6.5
MW-6	10/16/17	1,127.33	--	24.15	0.00	1,103.18	170	<28/220	<66/300	<0.5	<0.5	<0.5	<0.5	--	<0.0093	<0.5	--	--	--	6.8	8.5
MW-6	12/3/17	1,127.33	--	24.48	0.00	1,102.85	220	<29/72	<67/<67	<0.5	<0.5	<0.5	<0.5	--	<0.0097	<0.5	--	--	--	<6.0	<6.0
MW-6	3/18/18	1,127.33	21.84	21.87	0.03	1,105.48	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL														
MW-6	6/24/18	1,127.33	23.38	23.41	0.03	1,103.94	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL														
MW-6	9/11/18	1,127.33	24.39	24.41	0.02	1,102.94	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL														
MW-6	12/4/18	1,127.33	24.98	25.00	0.02	1,102.35	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL														
MW-6	4/29/19	1,127.33	28.59	28.62	0.03	1,098.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	6/10/19	1,127.33	--	29.20	0.00	1,098.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	9/23/19	1,127.33	--	28.36	0.00	1,098.97	230	110/710	<240/570	<10	<10	<10	<60	--	<0.029	<10	--	--	--	--	32.4
MW-6	11/6/19	1,127.33	--	28.31	0.00	1,099.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	7/28/20	1,127.33	--	28.75	0.00	1,098.58	1,650	140/827	<250/536	2.77	0.405	4.66	1.07	--	<0.020	<1	--	--	--	3.97	22.0
MW-6	12/4/20	1,127.33	--	29.99	0.00	1,097.34	712	286/1,380	<250/244	1.91	<5	4.93	<15	--	<0.020	<5	--	--	--	<6	17.1
MW-6	4/16/21	1,127.33	--	--	--	--	UNABLE TO ACCESS														
MW-6	10/15/21	1,127.33	--	--	--	--	UNABLE TO ACCESS														
MW-6	4/27/22	1,127.33	--	--	--	--	UNABLE TO ACCESS														
MW-6	8/31/22	1,127.33	--	--	--	--	UNABLE TO ACCESS														
MW-6	5/17/23	1,127.33	--	--	--	--	UNABLE TO ACCESS														
MW-6	8/22/23	1,127.33	--	--	--	--	UNABLE TO ACCESS														
MW-6	11/4/23	1,127.33	--	--	--	--	UNABLE TO ACCESS														
MW-7	1/9/92	1,127.40	--	31.09	0.00	1,096.31	110,000	ND	--	18,000	31,000	2,300	13,000	--	--	--	--	--	--	--	6.7
MW-7	1/24/92	1,127.40	--	31.87	0.00	1,095.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	2/5/92	1,127.40	31.62	32.13	0.51	1,095.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	3/10/92	1,127.40	31.51	32.14	0.63	1,095.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	5/19/92	1,127.40	31.08	32.04	0.96	1,096.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	6/3/92	1,127.40	31.54	32.34	0.80	1,095.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	6/17/92	1,127.40	32.71	33.00	0.29	1,094.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	7/7/92	1,127.40	--	32.14	0.00	1,095.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	10/5/92	1,127.40	--	32.03	0.00	1,095.37	170,000	31,000	--	3,800	7,100	2,200	11,000	--	--	--	--	--	--	--	210
MW-7	3/19/93	1,127.40	--	31.24	0.00	1,096.16	6,300	42,000	--	4,300	8,000	970	7,000	--	--	--	--	--	--	--	1,400
MW-7	6/17/93	1,127.40	--	31.26	0.00	1,096.14	46,000	69,000	--	8,300	13,000	810	5,900	--	--	--	--	--	--	--	40
MW-7	9/10/93	1,127.40	--	30.63	0.00	1,096.77	110,000	83,000	--	7,900	12,000	1,300	9,100	--	--	--	--	--	--	--	970
MW-7	11/19/93	1,127.40	--	31.56	0.00	1,095.84	86,000	130,000	--	11,000	18,000	1,400	9,500	--	--	--	--	--	--	--	840
MW-7	3/10/94	1,127.40	--	31.66	0.00	1,095.74	130,000	93,000	--	11,000	16,000	2,000	14,000	--	--	--	--	--	--	--	860
MW-7	5/8/94	1,127.40	32.09	32.95	0.86	1,095.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	8/24/94	1,127.40	31.73	33.10	1.37	1,095.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	11/16/94	1,127.40	--	31.07	0.00	1,096.33	110,000	120,000	--	13,000	20,000	1,800	13,000	--	--	--	--	--	--	--	47
MW-7	2/22/95	1,127.40	--	30.20	0.00	1,097.20	95,000	16,000	ND	6,200	11,000	1,300	12,000	--	--	--	--	--	--	--	22
MW-7	5/9-10/95	1,127.40	--	28.60	0.00	1,098.80	1,000,000	61,000	ND	6,100	30,000	12,000	98,000	--	--	--	--	--	--	--	96
MW-7	8/15/95	1,127.40	--	26.68	0.00	1,100.72	520,000	17,000	ND	2,500	2,500	3,300	26,000	--	--	--	--	--	--	--	--
MW-7	11/6/95	1,127.40	--	25.40	0.00	1,102.00	15,000	5,600	1,500	250	110	240	2,700	--	--	--	--	--	--	--	--
MW-7	2/27/96	1,127.40	--	24.47	0.00	1,102.93	16,000	2,100	ND	110	62	210	2,800	--	--	--	--	--	--	--	--
MW-7	8/13/96	1,127.40	--	24.13	0.00	1,103.27	20,500	3,000	996	137	37.1	162	2,020	--	--	--	--	--	--	--	--
MW-7	2/11/97	1,127.40	--	22.60	0.00	1,104.80	2,780	6,700	1,340	6.97	ND	22.7	110	--	--	--	--	--	--	--	--
MW-7	9/23/97	1,127.40	--	22.77	0.00	1,104.63	6,590	829	ND	29	9.08	84.9	441	--	--	--	--	--	--	--	--
MW-7	3/3/98	1,127.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	9/23/98	1,127.40	--	21.20	0.00	1,106.20	410	554	ND	9.07	2.75	1.21	5.01	ND	--	--	--	--	--	--	--
MW-7	3/20/99	1,127.40	22.21	22.39	0.18	1,105.15	788,000	13,000	1,790	702	ND	3,920	22,200	--	--	--	--	--	--	--	--

Table 6
Groundwater Monitoring Data and Analytical Results¹
Chelan Chevron Site
Chelan, Washington
Concentrations reported in µg/L

Well ID	Date	TOC ²	DTP	DTW	LNAPLT	GWE ³	GRO	DRO ¹⁰	HRO ¹⁰	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	EDB	EDC	PCE	TCE	Vinyl Chloride	Dissolved Lead	Total Lead
		(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	800/1,000	500	500	5	1,000	700	1,000	20	0.01	5	5	5	0.2	15	15
MTCA Method A Cleanup Levels																					
MW-7	9/2/99	1,127.40	23.97	23.99	0.02	1,103.43	174,000	19,900	ND	ND	ND	ND	1,970	--	--	--	--	--	--	--	--
MW-7	5/10/00	1,127.40	26.16	26.95	0.79	1,101.08	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL														
MW-7	11/11/00 ⁶	1,127.40	26.54	27.50	0.96	1,100.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	2/26/01	1,127.40	27.71	28.01	0.30	1,099.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	5/25/01	1,127.40	28.14	29.32	1.18	1,099.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	6/1/01	1,127.40	28.09	28.75	0.66	1,099.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	6/4/01	1,127.40	28.99	29.15	0.16	1,098.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	6/18/01	1,127.40	28.94	29.24	0.30	1,098.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	6/19/01	1,127.40	29.32	29.40	0.08	1,098.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	8/17/01	1,127.40	--	29.15	0.00	1,098.25	373,000	316,000	<100,000	280	<100	741	1,440	--	--	--	--	--	--	--	--
MW-7	9/21/01	1,127.40	--	29.27	0.00	1,098.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	10/4/01	1,127.40	29.32	29.34	0.02	1,098.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	11/9/01	1,127.40	29.31	29.35	0.04	1,098.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	11/14/01	1,127.40	29.30	29.31	0.01	1,098.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	1/24/02	1,127.40	28.90	28.93	0.03	1,098.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	3/5/02	1,127.40	28.91	28.91	0.01	1,098.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	4/26/02	1,127.40	27.20	27.69	0.49	1,100.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	5/19/02	1,127.40	27.61	27.64	0.03	1,099.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	6/14/02	1,127.40	29.01	29.01	0.01	1,098.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	7/16/02	1,127.40	INACCESSIBLE - CAR PARKED OVER V				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	9/20/02	1,127.40	29.41	29.45	0.04	1,097.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	10/23/02	1,127.40	30.26	30.3	0.04	1,097.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	11/11/02	1,127.40	30.63	30.67	0.04	1,096.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	1/4/03	1,127.40	30.11	30.14	0.03	1,097.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	2/3/03	1,127.40	30.14	30.18	0.04	1,097.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	2/24/03	1,127.40	31.33	31.37	0.04	1,096.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	4/1-4/03	1,127.40	28.56	28.6	0.04	1,098.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	5/14/03	1,127.40	27.66	27.70	0.04	1,099.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	6/14/03	1,127.40	27.61	27.64	0.03	1,099.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	7/1/03	1,127.40	31.29	31.33	0.04	1,096.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	7/15/03	1,127.40	31.42	31.45	0.03	1,095.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	8/8/03	1,127.40	33.45	33.48	0.03	1,093.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	8/17/03	1,127.40	32.36	32.39	0.03	1,095.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	9/5/03	1,127.40	30.70	30.73	0.03	1,096.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	9/17/03	1,127.40	32.01	32.04	0.03	1,095.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	10/4/03	1,127.40	31.44	31.47	0.03	1,095.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	10/23/03	1,127.40	31.33	31.39	0.06	1,096.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	1/13/04	1,127.40	31.60	31.70	0.10	1,095.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	2/18/04	1,127.40	31.60	31.63	0.03	1,095.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	3/16/04	1,127.40	--	31.78	<0.01	1,095.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	4/13/04	1,127.40	32.22	32.27	0.05	1,095.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	5/10/04	1,127.40	32.34	32.41	0.07	1,095.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	6/15/04	1,127.40	32.58	32.71	0.13	1,094.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	7/12/04	1,127.40	32.27	32.33	0.06	1,095.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	8/17/04	1,127.40	32.16	32.19	0.03	1,095.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	9/15/04 ⁶	1,127.40	--	32.11	0.00	1,095.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	10/13/04 ⁶	1,127.40	--	31.94	0.00	1,095.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	11/17/04 ⁶	1,127.40	--	31.84	0.00	1,095.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	1/13/05 ⁶	1,127.40	--	32.60	0.00	1,094.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	2/18/05 ⁶	1,127.40	--	32.71	0.00	1,094.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	3/29/05 ⁶	1,127.40	--	33.32	0.00	1,094.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	5/2-5/5/05 ⁶	1,127.40	33.95	34.62	0.67	1,093.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	6/2/05 ⁶	1,127.40	--	34.04	0.00	1,093.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	7/13/05 ⁶	1,127.40	--	34.11	0.00	1,093.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	9/15/05 ⁶	1,127.40	--	33.53	0.00	1,093.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	10/26/05 ⁶	1,127.40	--	33.18	0.00	1,094.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	1/18/06 ⁶	1,127.40	--	32.56	0.00	1,094.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	2/27/06	1,127.40	--	31.01	0.00	1,096.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 6
Groundwater Monitoring Data and Analytical Results¹
Chelan Chevron Site
Chelan, Washington
Concentrations reported in µg/L

Well ID	Date	TOC ²	DTP	DTW	LNAPLT	GWE ³	GRO	DRO ¹⁰	HRO ¹⁰	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	EDB	EDC	PCE	TCE	Vinyl Chloride	Dissolved Lead	Total Lead
		(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	800/1,000	500	500	5	1,000	700	1,000	20	0.01	5	5	5	0.2	15	15
MTCA Method A Cleanup Levels																					
MW-7	3/13/06	1,127.40	--	30.95	0.00	1,096.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	4/19/06	1,127.40	--	29.96	0.00	1,097.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	5/22/06	1,127.40	--	27.74	0.00	1,099.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	10/2/06	1,127.40	--	29.32	0.00	1,098.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	5/22/07	1,127.40	--	28.87	0.00	1,098.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	7/19/07	1,127.40	--	28.55	0.00	1,098.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	11/5/07	1,127.40	27.82	27.83	0.01	1,099.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	2/12/08	1,127.40	28.95	29.21	0.26	1,098.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	5/13/08	1,127.40	30.09	30.40	0.31	1,097.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	10/28/08	1,127.40	29.92	30.09	0.17	1,097.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	2/3-4/09	1,127.40	31.02	31.22	0.20	1,096.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	5/18-19/09 ⁶	1,127.40	32.88	33.00	0.12	1,094.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	6/29/09 ⁶	1,127.40	--	32.97	0.00	1,094.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	7/30/09 ⁶	1,127.40	--	33.89	0.00	-- ⁹	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	8/28/09 ⁶	1,127.40	33.99	34.00	0.01	-- ⁹	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	10/02/09 ⁶	1,127.40	32.24	32.25	0.01	1,095.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	11/10/09 ⁶	1,127.40	--	33.24	0.00	1,094.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	12/15/09 ⁶	1,127.40	--	33.31	0.00	1,094.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	1/22/10 ⁶	1,127.40	--	33.85	0.00	-- ⁹	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	3/5/10 ⁶	1,127.40	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	4/12/10 ⁶	1,127.40	--	33.96	0.00	-- ⁹	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	5/18-20/10 ⁶	1,127.40	--	34.00	0.00	-- ⁹	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	7/6/10 ⁶	1,127.40	--	33.44	0.00	1,093.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	8/23/10 ⁶	1,127.40	--	32.76	0.00	1,094.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	10/13/10 ⁶	1,127.40	--	31.19	0.00	1,096.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	11/16/10 ⁶	1,127.40	31.25	31.26	0.01	1,096.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	1/11/11 ⁶	1,127.40	--	32.01	0.00	1,095.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	2/11/11 ⁶	1,127.40	--	32.01	0.00	1,095.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	5/5/11 ⁶	1,127.40	--	31.14	0.00	1,096.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	6/8/11 ⁶	1,127.40	--	31.96	0.00	1,095.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	7/11/11	1,127.40	31.61	31.65	0.04	1,095.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	8/15/11 ⁶	1,127.40	INACCESSIBLE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	9/9/11 ⁶	1,127.40	31.00	31.08	0.08	1,096.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	10/12/11 ⁶	1,127.40	--	30.90	0.00	1,096.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	11/29/11 ⁶	1,127.40	--	30.90	0.00	1,096.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	12/21/11 ⁶	1,127.40	--	30.40	0.00	1,097.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	1/28/12 ⁶	1,127.40	--	29.22	0.00	1,098.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	2/24/12 ⁶	1,127.40	--	32.70	0.00	1,094.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	3/20/12 ⁶	1,127.40	--	32.90	0.00	1,094.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	4/21/12 ⁶	1,127.40	--	29.60	0.00	1,097.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	5/21/12	1,127.40	--	32.30	0.00	1,095.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	6/25/12 ⁶	1,127.40	--	33.13	0.00	1,094.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	7/20/12	1,127.40	--	32.80	0.00	1,094.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	8/24/12	1,127.40	--	33.28	0.00	1,094.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	12/1/12	1,127.40	--	29.60	0.00	1,097.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	1/17/13	1,127.40	--	29.52	0.00	1,097.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	2/19-20/13	1,127.40	--	31.61	0.00	1,095.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	3/31/13	1,127.40	--	31.48	0.00	1,095.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	4/28/13	1,127.40	--	31.61	0.00	1,095.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	5/15/13	1,127.40	--	31.23	0.00	1,096.17	16,000	2,400	320	29	<21	28	<44	--	--	--	--	--	--	--	--
MW-7	6/29/13	1,127.40	--	32.97	0.00	1,094.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	7/30/13	1,127.40	--	33.11	0.00	1,094.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	8/12/13	1,127.40	--	29.19	0.00	1,098.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	10/29/13	1,127.40	--	33.29	0.00	1,094.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	11/26/13	1,127.40	--	33.22	0.00	1,094.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	12/28/13	1,127.40	--	31.98	0.00	1,095.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	1/27/14	1,127.40	--	33.12	0.00	1,094.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	2/19/14	1,127.40	--	34.18	0.00	1,093.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 6
Groundwater Monitoring Data and Analytical Results¹
Chelan Chevron Site
Chelan, Washington
Concentrations reported in µg/L

Well ID	Date	TOC ² (ft.)	DTP (ft.)	DTW (ft.)	LNAPLT (ft.)	GWE ³ (ft.)	GRO	DRO ¹⁰	HRO ¹⁰	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	EDB	EDC	PCE	TCE	Vinyl Chloride	Dissolved Lead	Total Lead
MTCA Method A Cleanup Levels							800/1,000	500	500	5	1,000	700	1,000	20	0.01	5	5	5	0.2	15	15
MW-7	3/17/14	1,127.40	--	29.13	0.00	1,098.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	4/15/14	1,127.40	--	29.88	0.00	1,097.52	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	5/6/14	1,127.40	--	33.71	0.00	1,093.69	NOT SAMPLED DUE TO INSUFFICIENT WATER														
MW-7	6/18/14	1,127.40	--	32.66	0.00	1,094.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	7/14/14	1,127.40	--	31.13	0.00	1,096.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	8/4/14	1,127.40	--	33.31	0.00	1,094.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	9/23/14	1,127.40	--	32.99	0.00	1,094.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	10/13/14	1,127.40	--	33.37	0.00	1,094.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	11/12/14	1,127.40	--	33.41	0.00	1,093.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	12/22/14	1,127.40	--	32.38	0.00	1,095.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	1/18-19/15	1,127.40	INACCESSIBLE- FROZEN SHU																		
MW-7	2/10/15	1,127.40	--	29.40	0.00	1,098.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	6/17/15	1,127.40	--	29.61	0.00	1,097.79	2,000	2,300/3,500	290/760	15	5.0	14	<7.0	--	--	--	--	--	--	--	--
MW-7	9/21/15	1,127.40	--	28.77	0.00	1,098.63	37,000	1,700/3,600	140/690	12	6.2	33	31	--	--	--	--	--	--	--	--
MW-7	12/9/15	1,127.40	--	28.29	0.00	1,099.11	4,100	2,100/3,300	~7/1,100	11	4.7	58	35	--	--	--	--	--	--	--	--
MW-7	3/14-15/16	1,127.40	--	25.01	0.00	1,102.39	2,600	77/870	120/830	5	1.8	40	64	--	--	--	--	--	--	--	--
MW-7	6/22/16	1,127.40	--	23.92	0.00	1,103.48	18,000	2,800/4,300	210/890	13	7.1	16	190	--	--	--	--	--	--	--	--
MW-7	9/11-12/16	1,127.40	--	23.38	0.00	1,104.02	33,000	29,000/36,000	<3,300/3,100	<0.5	0.6	4.0	62.0	--	0.010	<0.5	--	--	--	--	--
MW-7	3/19-20/17	1,127.40	--	22.70	0.00	1,104.70	17,000	11,000/14,000	1,200/2,000	<0.5	<0.5	<0.5	<0.5	--	<0.0097	<0.5	--	--	--	<6.2	15.2
MW-7	6/19/17	1,127.40	--	22.05	0.00	1,105.35	6,900	3,800/4,000	460/1,000	<0.5	<0.5	3	87	--	<0.0096	<0.5	--	--	--	<6.0	38.0
MW-7	10/16/17	1,127.40	--	22.53	0.00	1,104.87	2,300	510/1,000	<66/600	<0.5	<0.5	0.6	12.0	--	<0.0098	<0.5	--	--	--	<6.0	14.9
MW-7	12/3/17	1,127.40	--	22.56	0.00	1,104.84	11,000	18,000/13,000	1,200/<3,300	<0.5	0.9	9	230	--	<0.0095	<0.5	--	--	--	8.3	20.7
MW-7	3/19/18	1,127.40	--	18.70	0.00	1,108.70	3,300	1,500/2,400	170/400	<1	<1	<1	13	--	<0.029	<1	--	--	--	--	85.8
MW-7	6/25/18	1,127.40	--	22.67	0.00	1,104.73	4,200	1,600/2,400	300/690	<1	<1	0.7	24	--	<0.029	<1	--	--	--	--	66.2
MW-7	9/11/18	1,127.40	--	23.49	0.00	1,103.91	4,200	1,300/1,500	120/220	<1	0.2	2	57	--	<0.029	<1	--	--	--	--	9.1
MW-7	12/4/18	1,127.40	--	24.02	0.00	1,103.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	4/29/19	1,127.40	27.18	27.30	0.12	1,100.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	6/10/19	1,127.40	26.75	26.91	0.16	1,100.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	9/22/19	1,127.40	27.14	27.16	0.02	1,100.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	11/6/19	1,127.40	--	27.02	0.00	1,100.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	7/28/20	1,127.40	--	27.91	0.00	1,099.49	15,700	2,210/3,750	<250/<250	0.429	0.758	6.54	15.6	--	<0.020	<1	--	--	--	10.0	76.1
MW-7	12/4/20	1,127.40	--	29.09	0.00	1,098.31	11,200	6,850/7,610	1,100/1,670	1.09	1.95	5.90	19.6	--	<0.020	<5	--	--	--	3.58	146
MW-7	4/16/21	1,127.40	--	30.45	0.00	1,096.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	10/15/21	1,127.40	30.70	30.71	0.01	1,096.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	4/27/22	1,127.40	32.06	32.08	0.02	1,095.34	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL														
MW-7	8/31/22	1,127.40	--	31.52	0.00	1,095.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	5/17/23	1,127.40	--	24.98	0.00	1,102.42	1,060	1,170	924	<1	<1	<1	9.20	--	<0.00557	<1	--	--	--	--	<6
MW-7	5/17/2023(D)	1,127.40	--	--	--	--	1,090	886	713	<1	<1	1.08	9.69	--	<0.00557	<1	--	--	--	--	10.7
MW-7	8/22/23	1,127.40	--	25.20	0.00	1,102.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-7	11/3/23	1,127.40	--	25.18	0.00	1,102.22	3,400	899	390	<1	<1	7.66	65.8	--	<0.00536	<1	--	--	--	--	9.73
MW-8	1/9/92	1,126.51	--	27.43	0.00	1,099.08	4,000	ND	--	66	3.3	ND	150	--	--	--	--	--	--	--	ND
MW-8	1/24/92	1,126.51	--	27.64	0.00	1,098.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	2/5/92	1,126.51	--	28.03	0.00	1,098.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	3/10/92	1,126.51	--	28.81	0.00	1,097.70	ND	ND	--	2.1	1.2	3.0	17	--	--	--	--	--	--	--	ND
MW-8	5/19/92	1,126.51	--	29.60	0.00	1,096.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	6/3/92	1,126.51	--	29.77	0.00	1,096.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	6/17/92	1,126.51	--	29.94	0.00	1,096.57	6,000	--	--	1.8	5.0	3.8	28	--	--	--	--	--	--	--	14
MW-8	10/5/92	1,126.51	--	29.40	0.00	1,097.11	3,000	--	--	3.0	ND	1.3	2.7	--	--	--	--	--	--	--	4.0
MW-8	3/19/93	1,126.51	--	29.13	0.00	1,097.38	190	ND	--	2.7	1.7	ND	1.3	--	--	--	--	--	--	--	16
MW-8	6/17/93	1,126.51	--	28.99	0.00	1,097.52	ND	ND	--	3.5	ND	ND	ND	--	--	--	--	--	--	--	8.6
MW-8	9/10/93	1,126.51	--	28.44	0.00	1,098.07	ND	ND	--	2.8	ND	ND	ND	--	--	--	--	--	--	--	ND
MW-8	11/19/93	1,126.51	--	29.01	0.00	1,097.50	ND	ND	--	1.6	ND	ND	0.6	--	--	--	--	--	--	--	ND
MW-8	3/10/94	1,126.51	--	29.39	0.00	1,097.12	300	ND	--	2.0	ND	0.6	1.1	--	--	--	--	--	--	--	6.8
MW-8	5/8/94	1,126.51	--	29.95	0.00	1,096.56	460	ND	--	2.0	ND	1.3	2.4	--	--	--	--	--	--	--	ND
MW-8	8/24/94	1,126.51	--	29.15	0.00	1,097.36	6,200	1,500	--	23	4.0	5.6	65	--	--	--	--	--	--	--	4.6
MW-8	11/16/94	1,126.51	--	28.37	0.00	1,098.14	4,100	4,500	--	4.7	ND	6.5	19	--	--	--	--	--	--	--	ND
MW-8	2/22/95	1,126.51	--	27.54	0.00	1,098.97	550	4,700	ND	28	ND	ND	1.5	--	--	--	--	--	--	--	9.5

Table 6
Groundwater Monitoring Data and Analytical Results¹
Chelan Chevron Site
Chelan, Washington
Concentrations reported in µg/L

Well ID	Date	TOC ²	DTP	DTW	LNAPLT	GWE ³	GRO	DRO ¹⁰	HRO ¹⁰	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	EDB	EDC	PCE	TCE	Vinyl Chloride	Dissolved Lead	Total Lead
		(ft.)	(ft.)	(ft.)	(ft.)	(ft.)															
MTCA Method A Cleanup Levels							800/1,000	500	500	5	1,000	700	1,000	20	0.01	5	5	5	0.2	15	15
MW-8	5/9-10/95	1,126.51	--	26.17	0.00	1,100.34	480	2,100	ND	9.8	0.5	ND	2.6	--	--	--	--	--	--	--	ND
MW-8	8/15/95	1,126.51	--	21.63	0.00	1,104.88	ND	8,600	780	ND	ND	ND	ND	--	--	--	--	--	--	--	--
MW-8	11/6/95	1,126.51	--	21.31	0.00	1,105.20	ND	600	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
MW-8	2/27/96	1,126.51	--	20.87	0.00	1,105.64	ND	430	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
MW-8	8/13/96	1,126.51	--	20.90	0.00	1,105.61	ND	508	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
MW-8	2/11/97	1,126.51	INACCESSIBLE - DUE TO SNOW					--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	9/23/97	1,126.51	--	20.32	0.00	1,106.19	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
MW-8	3/3/98	1,126.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	9/23/98	1,126.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	5/10/00	1,126.51	--	21.22	0.00	1,105.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	2/19/01	1,126.51	--	21.49	0.00	1,105.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	6/1/01	1,126.51	--	24.98	0.00	1,101.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	6/19/01	1,126.51	--	25.72	0.00	1,100.79	<50.0	<250	<500	<0.500	<0.500	<0.500	<1.00	<1.00	--	--	--	--	--	--	--
MW-8	11/9/01	1,126.51	--	26.49	0.00	1,100.02	<100	589	<750	2.65	<1.00	<1.00	<1.50	--	--	--	--	--	--	--	--
MW-8	1/24/02	1,126.51	--	26.31	0.00	1,100.20	89.7	<250	<500	3.00	<0.500	<0.500	2.09	--	--	--	--	--	--	--	--
MW-8	5/19/02	1,126.51	--	24.88	0.00	1,101.63	<50	<400	<1,000	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--	--	--	--
MW-8	7/16/02	1,126.51	--	26.16	0.00	1,100.35	<50	<250	<750	<0.50	<0.50	<0.50	<1.5	<2.5	--	--	--	--	--	--	--
MW-8	11/11/02	1,126.51	--	27.45	0.00	1,099.06	<50	<250	<250	4.0	<0.50	<0.50	<1.5	<2.5	--	--	--	--	--	--	--
MW-8	2/24/03	1,126.51	INACCESSIBLE - CAR PARKED OVER V					--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	4/1-4/03	1,126.51	--	27.98	0.00	1,098.53	<50	<250	<250	3.1	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-8	7/1/03	1,126.51	--	28.98	0.00	1,097.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	7/15/03	1,126.51	--	29.03	0.00	1,097.48	<50	<250	<250	1.9	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-8	10/23/03	1,126.51	--	28.41	0.00	1,098.10	<50	<400	<500	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-8	1/13/04	1,126.51	--	28.90	0.00	1,097.61	<50	<800	<1,000	0.6	<0.2	<0.2	<0.6	--	--	--	--	--	--	--	--
MW-8	4/13/04	1,126.51	--	29.24	0.00	1,097.27	<50	<75	<94	1.4	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-8	7/12/04	1,126.51	--	29.82	0.00	1,096.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	10/13/04	1,126.51	--	28.86	0.00	1,097.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	1/12/05	1,126.51	--	29.28	0.00	1,097.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	5/2/05	1,126.51	--	30.79	0.00	1,095.72	<48	<79	<99	1.0	<0.5	<0.5	<1.5	<2.5	--	--	--	--	--	--	--
MW-8	7/13/05	1,126.51	--	30.87	0.00	1,095.64	<48	<83	<100	1.0	<0.5	<0.5	<1.5	<2.5	--	--	--	--	--	<0.87	--
MW-8	10/26/05	1,126.51	--	29.71	0.00	1,096.80	<48	<78	<98	2.0	<0.5	<0.5	<1.5	--	--	--	--	--	--	<0.87	--
MW-8	3/14/06	1,126.51	--	27.43	0.00	1,099.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	5/22/06	1,126.51	--	26.77	0.00	1,099.74	<48	<91	<110	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-8	10/2/06	1,126.51	--	26.26	0.00	1,100.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	5/23/07	1,126.51	--	25.62	0.00	1,100.89	56	85	150	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-8	5/15/08	1,126.51	--	27.56	0.00	1,098.95	64	<76	<95	<0.5	<0.5	<0.5	2.20	--	--	--	--	--	--	--	--
MW-8	5/18-19/09	1,126.51	--	30.25	0.00	1,096.26	<50	<28	<66	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-8	5/18-20/10	1,126.51	--	30.56	0.00	1,095.95	<50	68	<69	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-8	5/5/11	1,126.51	--	28.80	0.00	1,097.71	<50	45	210	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-8	5/22/12	1,126.51	--	30.35	0.00	1,096.16	<50	<31	<72	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-8	5/15/13	1,126.51	--	29.82	0.00	1,096.69	<50	160	270	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-8	5/7/14	1,126.51	--	30.32	0.00	1,096.19	<50	<29	<68	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-8	6/17/15	1,126.51	--	27.04	0.00	1,099.47	<50	<28/80	<66/100	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-8	9/21/15	1,126.51	--	25.89	0.00	1,100.62	66	<28/150	<66/<66	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-8	12/9/15	1,126.51	--	25.90	0.00	1,100.61	170	<29/<29	<<67	0.2	<0.2	<0.2	0.6	--	--	--	--	--	--	--	--
MW-8	3/14/16	1,126.51	21.90	21.92	0.02	1,104.61	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--	--	--	--	--	--	--	--	--	--
MW-8	6/22/16	1,126.51	--	20.60	0.00	1,105.91	<50	<28/<28	<66/<66	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-8	9/11-12/16	1,126.51	--	20.71	0.00	1,105.80	<50	<29/<29	<67/<67	<0.5	<0.5	<0.5	<0.5	--	<0.0095	<0.5	--	--	--	--	--
MW-8	3/19-20/17	1,126.51	--	20.46	0.00	1,106.05	<50	<29/<29	<67/<67	<0.5	<0.5	<0.5	<0.5	--	<0.0096	<0.5	--	--	--	<6.2	30.2
MW-8	6/19/17	1,126.51	--	20.36	0.00	1,106.15	<50	<28/80	<66/180	<0.5	<0.5	<0.5	<0.5	--	<0.0095	<0.5	--	--	--	<6.0	<6.0
MW-8	10/16/17	1,126.51	--	20.58	0.00	1,105.93	<50	<29/120	<67/260	<0.5	<0.5	<0.5	<0.5	--	<0.0099	<0.5	--	--	--	<6.0	8.0
MW-8	12/3/17	1,126.51	--	20.76	0.00	1,105.75	<50	<29/110	<67/200	<0.5	<0.5	<0.5	<0.5	--	<0.0096	<0.5	--	--	--	6.1	42.1
MW-8	3/19/18	1,126.51	--	20.40	0.00	1,106.11	310	34/74	<240/<240	<1	<1	<1	<1	--	<0.029	<1	--	--	--	--	28.5
MW-8	6/25/18	1,126.51	--	20.41	0.00	1,106.10	56	<96/57	<240/67	<1	<1	<1	<1	--	<0.029	<1	--	--	--	--	34.6
MW-8	9/11/18	1,126.51	--	20.69	0.00	1,105.82	40	<96/51	<240/<96	<1	<1	<1	<1	--	<0.029	<1	--	--	--	--	14.7
MW-8	12/4/18	1,126.51	--	21.14	0.00	1,105.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	4/30/19	1,126.51	--	24.03	0.00	1,102.48	<250	<96/47	<240/76	<1	<1	<1	<5	--	<0.029	<1	--	--	--	--	8.1
MW-8	6/10/19	1,126.51	--	25.11	0.00	1,101.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 6
Groundwater Monitoring Data and Analytical Results¹
Chelan Chevron Site
Chelan, Washington
Concentrations reported in µg/L

Well ID	Date	TOC ² (ft.)	DTP (ft.)	DTW (ft.)	LNAPLT (ft.)	GWE ³ (ft.)	GRO	DRO ¹⁰	HRO ¹⁰	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	EDB	EDC	PCE	TCE	Vinyl Chloride	Dissolved Lead	Total Lead
MTCA Method A Cleanup Levels							800/1,000	500	500	5	1,000	700	1,000	20	0.01	5	5	5	0.2	15	15
MW-8	9/23/19	1,126.51	--	24.18	0.00	1,102.33	<250	<96/180	<240/140	<1	<1	<1	<6	--	<0.029	<1	--	--	--	--	9.4
MW-8	11/6/19	1,126.51	--	22.78	0.00	1,103.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	7/28/20	1,126.51	--	23.30	0.00	1,103.21	62.2	<200/<200	109/109	<1	<1	<1	<3	--	<0.020	<1	--	--	--	<6	5.14
MW-8	12/4/20	1,126.51	--	26.47	0.00	1,100.04	40.0	<200/<200	101/101	<1	<1	<1	<3	--	<0.020	<1	--	--	--	<6	3.14
MW-8	4/16/21	1,126.51	--	28.00	0.00	1,098.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	10/15/21	1,126.51	--	28.03	0.00	1,098.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	4/27/22	1,126.51	--	29.94	0.00	1,096.57	<100	<200	<250	<1	<1	<1	<3	--	<0.00541	<1	--	--	--	--	<6.00
MW-8	8/31/22	1,126.51	--	29.40	0.00	1,097.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	5/17/23	1,126.51	--	20.94	0.00	1,105.57	<100	<200	<250	<1	<1	<1	<3	--	<0.00552	<1	--	--	--	--	<6.00
MW-8	8/22/23	1,126.51	--	21.47	0.00	1,105.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	11/4/23	1,126.51	--	21.63	0.00	1,104.88	<100	<200	<250	<1	<1	<1	<3	--	<0.00557	<1	--	--	--	--	<6.00
MW-9	1/24/02	1,124.81	37.34	37.39	0.05	1,087.46	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL													--	--
MW-9	3/5/02	1,124.81	--	36.85	0.00	1,087.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	4/26/02	1,124.81	34.16	34.67	0.51	1,090.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/19/02	1,124.81	37.05	37.50	0.45	1,087.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	6/13/02	1,124.81	38.45	38.95	0.50	1,086.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	7/16/02	1,124.81	38.11	38.66	0.55	1,086.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	8/21/02	1,124.81	38.40	38.96	0.56	1,086.30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/20/02	1,124.81	38.41	38.81	0.40	1,086.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	10/23/02	1,124.81	38.34	38.74	0.40	1,086.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	11/11/02	1,124.81	38.76	39.35	0.59	1,085.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	1/4/03	1,124.81	38.31	38.70	0.39	1,086.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	2/3/03	1,124.81	38.21	38.73	0.52	1,086.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	2/24/03	1,124.81	38.89	39.32	0.43	1,085.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	4/4/03	1,124.81	36.89	37.35	0.46	1,087.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/14/03	1,124.81	32.39	32.95	0.56	1,092.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	6/14/03	1,124.81	32.32	32.86	0.54	1,092.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	6/30/03	1,124.81	39.61	39.95	0.34	1,085.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	7/15/03	1,124.81	39.68	39.99	0.31	1,085.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	8/8/03	1,124.81	39.62	40.00	0.38	1,085.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	8/17/03	1,124.81	39.71	40.25	0.54	1,084.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/17/03	1,124.81	39.60	39.95	0.35	1,085.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	10/4/03	1,124.81	39.68	39.98	0.30	1,085.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	10/23/03	1,124.81	39.57	39.90	0.33	1,085.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	11/6/03	1,124.81	39.75	39.95	0.20	1,085.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	11/25/03	1,124.81	39.51	39.58	0.07	1,085.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	1/13/04	1,124.81	39.82	39.94	0.12	1,084.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	2/18/04	1,124.81	39.90	39.95	0.05	1,084.90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	3/16/04	1,124.81	--	40.20	<0.01	1,084.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	4/13/04	1,124.81	39.97	40.16	0.19	1,084.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/10/04	1,124.81	40.32	40.44	0.12	1,084.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	6/15/04	1,124.81	40.38	40.48	0.10	1,084.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	7/12/04	1,124.81	40.41	40.48	0.07	1,084.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	10/13/04 ⁶	1,124.81	--	40.45	0.00	1,084.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	11/17/04 ⁶	1,124.81	--	40.25	0.00	1,084.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	1/21/05 ⁶	1,124.81	--	40.37	0.00	1,084.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	2/18/05 ⁶	1,124.81	--	40.37	0.00	1,084.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	3/29/05 ⁶	1,124.81	40.42	40.57	0.15	1,084.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/5/05 ⁶	1,124.81	--	40.42	0.00	1,084.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	6/2/05 ⁶	1,124.81	--	40.42	0.00	1,084.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	7/13/05 ⁶	1,124.81	--	40.42	0.00	1,084.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/15/05 ⁶	1,124.81	--	40.45	0.00	1,084.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	10/26/05 ⁶	1,124.81	--	40.46	0.00	1,084.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	2/27/06 ⁶	1,124.81	--	38.38	0.00	1,086.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	4/19/06 ⁶	1,124.81	--	39.20	0.00	1,085.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/22/06	1,124.81	38.09	38.22	0.13	1,086.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	10/2/06	1,124.81	37.86	38.33	0.47	1,086.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 6
Groundwater Monitoring Data and Analytical Results¹
Chelan Chevron Site
Chelan, Washington
Concentrations reported in µg/L

Well ID	Date	TOC ²	DTP	DTW	LNAPLT	GWE ³	GRO	DRO ¹⁰	HRO ¹⁰	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	EDB	EDC	PCE	TCE	Vinyl Chloride	Dissolved Lead	Total Lead
		(ft.)	(ft.)	(ft.)	(ft.)	(ft.)															
MTCA Method A Cleanup Levels							800/1,000	500	500	5	1,000	700	1,000	20	0.01	5	5	5	0.2	15	15
MW-9	12/5/06	1,124.81	38.24	38.83	0.59	1,086.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/22/07	1,124.81	37.20	38.51	1.31	1,087.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	7/19/07	1,124.81	--	36.92	0.00	1,087.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	11/5/07	1,124.81	37.25	40.45	3.20	1,086.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	2/12/08	1,124.81	38.02	39.34	1.32	1,086.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/13/08	1,124.81	39.01	40.19	1.18	1,085.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	10/28/08	1,124.81	38.92	39.26	0.34	1,085.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	2/4/09	1,124.81	39.71	40.26	0.55	1,084.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/19/09	1,124.81	39.70	40.22	0.52	1,085.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	6/29/09	1,124.81	39.73	40.22	0.49	1,084.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	7/6/10	1,124.81	40.46	40.49	0.03	1,084.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	8/23/10	1,124.81	39.70	39.72	0.02	1,085.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	10/13/10	1,124.81	38.54	38.55	0.02	1,086.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	11/16/10	1,124.81	38.72	38.73	0.01	1,086.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	1/11/11	1,124.81	39.02	39.60	0.58	1,085.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	2/11/11	1,124.81	39.89	39.94	0.05	1,084.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/5/11	1,124.81	39.45	40.41	0.96	1,085.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	6/8/11	1,124.81	39.22	40.20	0.98	1,085.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	7/11/11	1,124.81	38.97	39.70	0.73	1,085.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	8/15/11	1,124.81	38.36	39.25	0.89	1,086.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/9/11	1,124.81	38.10	38.75	0.65	1,086.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	10/12/11	1,124.81	37.60	38.70	1.10	1,086.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	11/29/11	1,124.81	30.55	-- ⁸	9.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	12/21/11	1,124.81	38.05	40.50	2.45	1,086.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	1/28/12	1,124.81	38.08	-- ⁸	2.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	2/24/12	1,124.81	39.20	40.45	1.25	1,085.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	3/20/12	1,124.81	39.20	40.00	0.80	1,085.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	4/21/12	1,124.81	37.25	40.51	3.26	1,086.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/21/12	1,124.81	39.90	-- ⁸	0.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	6/25/12 ⁶	1,124.81	39.83	-- ⁸	0.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	7/20/12 ⁶	1,124.81	38.90	-- ⁸	1.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	8/24/12	1,124.81	39.15	-- ⁸	1.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	12/1/12	1,124.81	38.72	-- ⁸	1.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	1/17/13	1,124.81	38.67	-- ⁸	1.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	2/19-20/13	1,124.81	38.94	-- ⁸	1.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	3/31/13	1,124.81	38.90	-- ⁸	1.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	4/28/13	1,124.81	38.88	39.96	1.08	1,085.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/13/13	1,124.81	38.83	39.93	1.10	1,085.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	6/29/13	1,124.81	39.76	39.78	0.02	1,085.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	7/30/13	1,124.81	39.83	39.98	0.15	1,084.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	8/12/13	1,124.81	38.88	-- ⁸	1.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	10/29/13	1,124.81	39.79	39.93	0.14	1,084.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	11/26/13	1,124.81	38.58	39.96	1.38	1,085.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	12/29/13	1,124.81	39.04	39.96	0.92	1,085.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	1/27/14	1,124.81	39.24	-- ⁸	1.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	2/20/14	1,124.81	39.83	-- ⁸	0.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	3/17/14	1,124.81	38.53	-- ⁸	1.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	4/15/14	1,124.81	37.31	-- ⁸	3.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/5/14	1,124.81	39.88	-- ⁸	0.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	6/18/14	1,124.81	38.91	-- ⁸	1.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	7/15/14	1,124.81	39.79	-- ⁸	0.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	8/5/14	1,124.81	39.17	-- ⁸	1.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/23/14	1,124.81	39.73	-- ⁸	0.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	10/13/14	1,124.81	39.83	-- ⁸	0.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	11/13/14	1,124.81	39.91	-- ⁸	0.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	12/22/14	1,124.81	38.11	40.33	2.22	1,086.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	1/18-19/15	1,124.81	39.83	--	0.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	2/10/15	1,124.81	38.26	--	2.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 6
Groundwater Monitoring Data and Analytical Results¹
Chelan Chevron Site
Chelan, Washington
Concentrations reported in µg/L

Well ID	Date	TOC ² (ft.)	DTP (ft.)	DTW (ft.)	LNAPLT (ft.)	GWE ³ (ft.)	GRO	DRO ¹⁰	HRO ¹⁰	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	EDB	EDC	PCE	TCE	Vinyl Chloride	Dissolved Lead	Total Lead
MTCA Method A Cleanup Levels							800/1,000	500	500	5	1,000	700	1,000	20	0.01	5	5	5	0.2	15	15
MW-9	6/19/15	1,124.81	39.20	-- ⁸	1.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/21/15	1,124.81	35.64	38.15	2.51	1,088.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	12/9/15	1,124.81	34.71	37.92	3.21	1,089.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	3/14/16	1,124.81	28.26	33.40	5.14	1,095.52	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	6/22/16	1,124.81	28.85	32.38	3.53	1,095.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/11-12/16	1,124.81	28.81	37.76	8.95	1,094.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	3/19-20/17	1,124.81	28.18	33.54	5.36	1,095.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	6/19/17	1,124.81	26.60	35.27	8.67	1,096.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	10/16/17	1,124.81	27.20	36.26	9.06	1,095.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	12/3/17	1,124.81	29.58	32.38	2.80	1,094.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	3/18/18	1,124.81	25.60	29.42	3.82	1,098.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	6/24/18	1,124.81	27.52	30.71	3.19	1,096.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/11/18	1,124.81	28.75	31.77	3.02	1,095.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	12/4/18	1,124.81	29.69	33.44	3.75	1,094.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	4/29/19	1,124.81	35.38	36.36	0.98	1,089.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	6/10/19	1,124.81	35.88	37.06	1.18	1,088.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/22/19	1,124.81	34.53	36.07	1.54	1,089.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	11/6/19	1,124.81	34.66	36.23	1.57	1,089.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	7/28/20	1,124.81	35.85	38.00	2.15	1,088.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	12/4/20	1,124.81	36.51	38.77	2.26	1,087.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	4/16/21	1,124.81	38.07	39.85	1.78	1,086.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	10/15/21	1,124.81	--	--	--	--	UNABLE TO ACCESS	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	4/27/22	1,124.81	--	--	--	--	UNABLE TO ACCESS	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	8/31/22	1,124.81	38.34	40.03	1.69	1,086.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/17/23	1,124.81	33.07	35.76	2.69	1,091.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	8/22/23	1,124.81	33.07	34.29	1.22	1,091.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	11/4/23	1,124.81	32.60	33.98	1.38	1,091.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	6/4/01	1,126.27	32.89	32.92	0.03	1,093.37	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	6/18/01	1,126.27	33.40	34.45	1.05	1,092.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	6/19/01	1,126.27	33.55	34.15	0.60	1,092.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	8/17/01	1,126.27	32.95	36.85	3.90	1,092.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	9/21/01	1,126.27	33.71	35.92	2.21	1,092.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	10/4/01	1,126.27	34.14	35.75	1.61	1,091.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	11/9/01	1,126.27	33.46	37.05	3.59	1,092.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	11/14/01	1,126.27	33.41	36.73	3.32	1,092.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	1/24/02	1,126.27	31.55	38.15	6.60	1,093.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	3/6/02	1,126.27	30.87	39.25	8.38	1,093.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	4/26/02	1,126.27	29.77	38.48	8.71	1,094.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	5/19/02	1,126.27	31.66	37.10	5.44	1,093.52	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	6/14/02	1,126.27	32.66	38.29	5.63	1,092.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	7/16/02	1,126.27	33.50	37.20	3.70	1,092.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	8/21/02	1,126.27	33.90	37.88	3.98	1,091.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	9/20/02	1,126.27	33.50	37.85	4.35	1,091.90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	10/23/02	1,126.27	33.50	37.85	4.35	1,091.90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	11/11/02	1,126.27	34.06	37.88	3.82	1,091.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	1/4/03	1,126.27	33.51	37.67	4.16	1,091.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	2/3/03	1,126.27	33.46	37.27	3.83	1,092.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	2/24/03	1,126.27	31.29	37.78	6.49	1,093.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	4/1-4/03	1,126.27	32.65	36.98	4.33	1,092.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	5/14/03	1,126.27	30.05	37.10	7.05	1,094.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	6/14/03	1,126.27	29.94	36.96	7.02	1,094.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	6/30/03	1,126.27	31.60	37.92	6.32	1,093.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	7/15/03	1,126.27	31.55	37.92	6.37	1,093.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	8/8/03	1,126.27	32.23	37.92	5.69	1,092.90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	8/17/03	1,126.27	34.40	37.92	3.52	1,091.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	9/5/03	1,126.27	34.60	-- ⁸	4.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	9/17/03	1,126.27	35.30	-- ⁸	3.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 6
Groundwater Monitoring Data and Analytical Results¹
Chelan Chevron Site
Chelan, Washington
Concentrations reported in µg/L

Well ID	Date	TOC ²	DTP	DTW	LNAPLT	GWE ³	GRO	DRO ¹⁰	HRO ¹⁰	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	EDB	EDC	PCE	TCE	Vinyl Chloride	Dissolved Lead	Total Lead
		(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	800/1,000	500	500	5	1,000	700	1,000	20	0.01	5	5	5	0.2	15	15
MTCA Method A Cleanup Levels																					
MW-10	10/4/03	1,126.27	35.08	-- ⁸	3.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	10/23/03	1,126.27	35.45	-- ⁸	3.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	11/6/03	1,126.27	35.78	37.10	1.32	1,090.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	11/25/03	1,126.27	35.82	36.95	1.13	1,090.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	1/13/04	1,126.27	35.95	-- ⁸	2.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	2/18/04	1,126.27	35.65	37.60	1.95	1,090.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	3/16/04	1,126.27	36.10	37.46	1.36	1,089.90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	4/13/04	1,126.27	35.91	37.60	1.69	1,090.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	5/10/04	1,126.27	36.14	37.55	1.41	1,089.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	6/15/04	1,126.27	36.78	37.82	1.04	1,089.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	7/12/04	1,126.27	36.60	38.18	1.58	1,089.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	8/17/04	1,126.27	36.50	37.91	1.41	1,089.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	9/15/04	1,126.27	35.75	37.80	2.15	1,090.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	10/13/04	1,126.27	35.74	37.87	2.13	1,090.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	11/17/04	1,126.27	35.43	37.90	2.47	1,090.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	1/13/05	1,126.27	35.89	37.92	2.03	1,089.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	2/18/05	1,126.27	36.01	37.92	1.91	1,089.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	3/29/05	1,126.27	36.92	38.00	1.08	1,089.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	5/2-5/05	1,126.27	37.38	37.94	0.56	1,088.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	6/2/05	1,126.27	37.22	38.00	0.78	1,088.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	7/13/05	1,126.27	37.22	38.82	1.60	1,088.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	9/15/05	1,126.27	36.36	37.95	1.59	1,089.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	10/26/05	1,126.27	36.17	37.96	1.79	1,089.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	1/18/06	1,126.27	36.08	37.99	1.91	1,089.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	2/27/06	1,126.27	33.30	37.93	4.63	1,092.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	3/13/06	1,126.27	35.30	37.02	1.72	1,090.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	4/19/06	1,126.27	34.75	37.92	3.17	1,090.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	5/22/06	1,126.27	34.34	37.59	3.25	1,091.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	10/2/06	1,126.27	30.58	37.41	6.83	1,094.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	12/5/06	1,126.27	29.99	37.55	7.56	1,094.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	5/22/07	1,126.27	28.80	37.50	8.70	1,095.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	7/19/07	1,126.27	28.98	37.49	8.51	1,095.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	11/5/07	1,126.27	31.30	37.99	6.69	1,093.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	2/12/08	1,126.27	29.55	37.50	7.95	1,095.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	5/13/08	1,126.27	31.16	37.57	6.41	1,093.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	10/28/08	1,126.27	29.79	37.59	7.80	1,094.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	2/3-4/09	1,126.27	30.91	37.59	6.68	1,094.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	5/18-19/09	1,126.27	32.25	37.57	5.32	1,092.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	6/29/09	1,126.27	35.69	-- ⁸	2.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	7/30/09	1,126.27	36.20	-- ⁸	1.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	8/28/09	1,126.27	36.47	-- ⁸	1.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	10/2/09	1,126.27	36.18	-- ⁸	1.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	11/10/09	1,126.27	36.10	-- ⁸	1.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	12/15/09	1,126.27	36.31	-- ⁸	1.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	1/22/10	1,126.27	36.10	-- ⁸	1.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	3/5/10	1,126.27	36.41	-- ⁸	1.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	4/12/10	1,126.27	36.15	-- ⁸	1.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	5/18-20/10	1,126.27	36.35	-- ⁸	1.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	7/6/10 ⁶	1,126.27	35.90	-- ⁸	2.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	8/23/10	1,126.27	32.64	-- ⁸	5.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	10/13/10	1,126.27	31.14	-- ⁸	6.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	11/16/10	1,126.27	31.85	-- ⁸	6.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	1/11/11	1,126.27	WELL BOX FILLED WITH ICE, UNABLE				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	2/11/11	1,126.27	WELL BOX FILLED WITH ICE, UNABLE				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	5/5/11	1,126.27	30.15	-- ⁸	7.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	6/8/11	1,126.27	31.65	-- ⁸	6.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	7/11/11	1,126.27	30.28	-- ⁸	7.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	8/15/11	1,126.27	31.30	37.65	6.35	1,093.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 6
Groundwater Monitoring Data and Analytical Results¹
Chelan Chevron Site
Chelan, Washington
Concentrations reported in µg/L

Well ID	Date	TOC ² (ft.)	DTP (ft.)	DTW (ft.)	LNAPLT (ft.)	GWE ³ (ft.)	GRO	DRO ¹⁰	HRO ¹⁰	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	EDB	EDC	PCE	TCE	Vinyl Chloride	Dissolved Lead	Total Lead
MTCA Method A Cleanup Levels							800/1,000	500	500	5	1,000	700	1,000	20	0.01	5	5	5	0.2	15	15
MW-10	9/9/11	1,126.27	30.85	-- ⁸	7.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	10/12/11	1,126.27	31.70	37.92	6.22	1,093.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	11/29/11 ⁶	1,126.27	37.70	38.80	1.10	1,088.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	12/21/11	1,126.27	32.35	37.90	5.55	1,092.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	1/28/12	1,126.27	32.20	-- ⁸	6.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	2/24/12	1,126.27	32.45	38.70	6.25	1,092.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	3/20/12	1,126.27	32.30	38.60	6.30	1,092.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	4/21/12	1,126.27	31.52	38.10	6.58	1,093.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	5/21/12	1,126.27	32.40	38.80	6.40	1,092.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	6/25/12	1,126.27	36.13	38.70	2.57	1,089.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	7/20/12	1,126.27	33.60	37.10	3.50	1,091.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	8/24/12	1,126.27	32.20	-- ⁸	6.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	12/1/12	1,126.27	33.10	-- ⁸	5.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	1/18/13	1,126.27	32.97	-- ⁸	5.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	2/19-20/13	1,126.27	30.48	-- ⁸	8.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	3/31/13	1,126.27	30.62	-- ⁸	8.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	4/28/13	1,126.27	30.73	-- ⁸	8.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	5/13/13	1,126.27	30.79	-- ⁸	7.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	6/29/13	1,126.27	35.61	-- ⁸	3.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	7/30/13	1,126.27	35.91	-- ⁸	2.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	8/12/13	1,126.27	30.30	-- ⁸	8.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	10/29/13	1,126.27	35.92	-- ⁸	2.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	11/26/13	1,126.27	30.26	-- ⁸	8.52	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	12/29/13	1,126.27	31.44	-- ⁸	7.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	1/27/14	1,126.27	33.58	-- ⁸	5.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	2/20/14	1,126.27	32.16	-- ⁸	6.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	3/18/14	1,126.27	34.33	-- ⁸	4.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	4/15/14	1,126.27	31.57	-- ⁸	7.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	5/5/14	1,126.27	32.52	-- ⁸	6.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	6/18/14	1,126.27	34.11	-- ⁸	4.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	7/15/14	1,126.27	36.21	-- ⁸	2.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	8/5/14	1,126.27	32.19	-- ⁸	6.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	9/23/14	1,126.27	35.99	-- ⁸	2.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	10/13/14	1,126.27	35.88	-- ⁸	2.90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	11/12/14	1,126.27	36.93	-- ⁸	1.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	12/22/14	1,126.27	33.44	-- ⁸	5.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	1/18-19/15	1,126.27	35.91	-- ⁸	2.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	2/10/15	1,126.27	32.37	-- ⁸	6.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	6/19/15	1,126.27	36.18	-- ⁸	2.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	9/21/15	1,126.27	29.45	37.55	8.10	1,095.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	12/9/15	1,126.27	27.99	37.82	9.83	1,096.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	3/14/16	1,126.27	23.82	29.69	5.87	1,101.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	6/22/16	1,126.27	24.66	27.59	2.93	1,101.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	9/11-12/16	1,126.27	24.61	27.62	3.01	1,101.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	3/19-20/17	1,126.27	24.17	27.19	3.02	1,101.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	6/19/17	1,126.27	23.59	26.86	3.27	1,102.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	10/16/17	1,126.27	23.86	26.95	3.09	1,101.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	12/3/17	1,126.27	24.64	25.42	0.78	1,101.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	3/18/18	1,126.27	21.73	23.62	1.89	1,104.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	6/24/18	1,126.27	23.89	23.97	0.08	1,102.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	9/11/18	1,126.27	24.56	24.74	0.18	1,101.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	12/4/18	1,126.27	26.02	26.19	0.17	1,100.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	4/29/19	1,126.27	28.24	28.76	0.52	1,097.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	6/10/19	1,126.27	28.56	30.12	1.56	1,097.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	9/22/19	1,126.27	27.89	28.42	0.53	1,098.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	11/6/19	1,126.27	28.02	28.51	0.49	1,098.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	7/28/20	1,126.27	29.52	31.70	2.18	1,096.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	12/4/20	1,126.27	30.27	32.81	2.54	1,095.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 6
Groundwater Monitoring Data and Analytical Results¹
Chelan Chevron Site
Chelan, Washington
Concentrations reported in µg/L

Well ID	Date	TOC ²	DTP	DTW	LNAPLT	GWE ³	GRO	DRO ¹⁰	HRO ¹⁰	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	EDB	EDC	PCE	TCE	Vinyl Chloride	Dissolved Lead	Total Lead
		(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	800/1,000	500	500	5	1,000	700	1,000	20	0.01	5	5	5	0.2	15	15
MTCA Method A Cleanup Levels																					
MW-10	4/16/21	1,126.27	32.37	34.06	1.69	1,093.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	10/15/21	1,126.27	32.34	34.19	1.85	1,093.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	4/27/22	1,126.27	35.15	36.47	1.32	1,090.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	8/31/22	1,126.27	33.32	35.34	2.02	1,092.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	5/17/23	1,126.27	26.07	26.30	0.23	1,100.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	8/22/23	1,126.27	26.19	26.35	0.16	1,100.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	11/4/23	1,126.27	25.74	25.90	0.16	1,100.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	9/20/01	1,124.82	--	36.90	0.00	1,087.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	10/4/01	1,124.82	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	11/9/01	1,124.82	--	37.05	0.00	1,087.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	11/15/01	1,124.82	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	1/24/02	1,124.82	--	37.11	0.00	1,087.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	3/5/02	1,124.82	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	5/19/02	1,124.82	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	7/16/02	1,124.82	--	37.10	0.00	1,087.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	11/11/02	1,124.82	--	37.15	0.00	1,087.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	2/24/03	1,124.82	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	4/1-4/03	1,124.82	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	6/23/03	1,124.82	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	ABANDONED																				
MW-11D	11/16/01	1,124.66	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11D	1/24/02	1,124.66	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11D	3/5/02	1,124.66	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11D	5/19/02	1,124.66	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11D	7/16/02	1,124.66	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11D	11/11/02	1,124.66	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11D	2/24/03	1,124.66	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11D	4/1-4/03	1,124.66	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11D	6/23/03	1,124.66	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11D	ABANDONED																				
MW-12	9/21/01	1,124.73	28.80	28.90	0.10	1,095.91	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL				--	--	--	--	--	--	--	--	--	--	--
MW-12	10/4/01	1,124.73	28.97	29.44	0.47	1,095.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	11/9/01	1,124.73	28.61	30.08	1.47	1,095.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	11/15/01	1,124.73	28.40	30.43	2.03	1,095.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	1/24/02	1,124.73	26.81	31.49	4.68	1,096.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	3/6/02	1,124.73	22.99	26.72	3.73	1,100.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	4/26/02	1,124.73	32.97	36.18	3.21	1,091.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	5/19/02	1,124.73	27.80	29.55	1.75	1,096.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	6/13/02	1,124.73	29.32	31.21	1.89	1,095.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	7/16/02	1,124.73	29.10	30.09	0.99	1,095.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	8/21/02	1,124.73	29.02	30.70	1.68	1,095.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	9/20/02	1,124.73	29.12	30.30	1.18	1,095.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	10/23/02	1,124.73	28.21	29.26	1.05	1,096.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	11/11/02	1,124.73	28.59	29.65	1.06	1,095.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	1/4/03	1,124.73	28.44	29.51	1.07	1,096.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	2/3/03	1,124.73	28.17	29.21	1.04	1,096.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	2/24/03	1,124.73	28.89	29.96	1.07	1,095.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	4/4/03	1,124.73	26.98	28.05	1.07	1,097.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	5/14/03	1,124.73	27.71	28.77	1.06	1,096.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	6/14/03	1,124.73	27.63	28.66	1.03	1,096.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	6/30/03	1,124.73	29.96	34.79	4.83	1,093.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	7/15/03	1,124.73	30.00	35.75	5.75	1,093.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	8/8/03	1,124.73	29.92	30.94	1.02	1,094.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	8/17/03	1,124.73	29.37	30.38	1.01	1,095.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	9/5/03	1,124.73	29.94	34.80	4.86	1,093.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 6
Groundwater Monitoring Data and Analytical Results¹
Chelan Chevron Site
Chelan, Washington
Concentrations reported in µg/L

Well ID	Date	TOC ²	DTP	DTW	LNAPLT	GWE ³	GRO	DRO ¹⁰	HRO ¹⁰	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	EDB	EDC	PCE	TCE	Vinyl Chloride	Dissolved Lead	Total Lead
		(ft.)	(ft.)	(ft.)	(ft.)	(ft.)															
MTCA Method A Cleanup Levels																					
							800/1,000	500	500	5	1,000	700	1,000	20	0.01	5	5	5	0.2	15	15
MW-12	9/17/03	1,124.73	30.10	32.80	2.79	1,094.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	10/4/03	1,124.73	30.11	31.75	1.64	1,094.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	10/23/03	1,124.73	30.28	31.65	1.37	1,094.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	11/6/03	1,124.73	30.46	30.99	0.53	1,094.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	11/25/03	1,124.73	30.40	31.70	1.30	1,094.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	1/13/04	1,124.73	30.38	32.10	1.72	1,094.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	2/18/04	1,124.73	30.12	31.20	1.08	1,094.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	3/16/04	1,124.73	30.26	31.95	1.69	1,094.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	4/13/04	1,124.73	29.73	33.70	3.97	1,094.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	5/10/04	1,124.73	29.87	33.70	3.83	1,094.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	6/15/04	1,124.73	30.35	34.14	3.79	1,093.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	7/12/04	1,124.73	30.19	33.50	3.31	1,093.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	8/17/04	1,124.73	29.82	34.06	4.24	1,094.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	9/15/04	1,124.73	29.62	33.07	3.45	1,094.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	10/13/04	1,124.73	29.53	32.54	3.01	1,094.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	11/17/04	1,124.73	29.40	32.10	2.70	1,094.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	1/13/05	1,124.73	29.80	32.93	3.13	1,094.30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	2/18/05	1,124.73	30.25	33.05	2.80	1,093.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	3/29/05	1,124.73	30.77	34.80	4.03	1,093.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	5/5/05	1,124.73	31.29	33.17	1.88	1,093.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	6/2/05	1,124.73	31.14	32.70	1.56	1,093.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	7/13/05	1,124.73	31.02	33.21	2.19	1,093.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	9/15/05	1,124.73	30.80	34.02	3.22	1,093.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	1/18/06	1,124.73	24.96	26.23	1.27	1,099.52	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	2/27/06	1,124.73	27.96	29.70	1.74	1,096.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	3/13/06	1,124.73	28.48	29.56	1.08	1,096.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	4/19/06	1,124.73	27.94	29.73	1.79	1,096.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	5/22/06	1,124.73	27.72	29.46	1.74	1,096.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	10/2/06	1,124.73	27.18	29.19	2.01	1,097.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	12/5/06	1,124.73	27.38	30.13	2.75	1,096.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	5/22/07	1,124.73	26.78	31.08	4.30	1,097.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	7/19/07	1,124.73	26.83	29.06	2.23	1,097.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	11/5/07	1,124.73	--	27.08	0.00	1,097.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	2/12/08	1,124.73	27.26	30.99	3.73	1,096.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	5/13/08	1,124.73	28.69	31.67	2.98	1,095.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	10/28/08	1,124.73	27.32	31.26	3.94	1,096.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	2/4/09	1,124.73	28.98	32.10	3.12	1,095.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	5/19/09	1,124.73	30.21	32.75	2.54	1,094.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	6/29/09	1,124.73	30.51	32.24	1.73	1,093.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	7/30/09	1,124.73	30.48	31.94	1.46	1,093.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	8/28/09	1,124.73	30.32	31.50	1.18	1,094.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	10/2/09	1,124.73	30.15	31.10	0.95	1,094.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	11/10/09	1,124.73	--	29.92	0.00	1,094.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	12/15/09	1,124.73	--	30.17	0.00	1,094.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	1/22/10	1,124.73	30.10	31.72	1.62	1,094.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	3/5/10	1,124.73	30.38	31.80	1.42	1,094.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	4/12/10	1,124.73	30.29	31.61	1.32	1,094.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	5/19/10	1,124.73	30.06	31.24	1.18	1,094.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	7/6/10	1,124.73	29.60	31.00	1.40	1,094.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	8/23/10	1,124.73	29.01	30.43	1.42	1,095.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	10/13/10	1,124.73	27.94	29.66	1.42	1,096.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	5/5/11	1,124.73	28.24	32.23	3.99	1,095.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	6/8/11	1,124.73	28.71	31.70	2.99	1,095.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	7/11/11	1,124.73	28.13	29.70	1.57	1,096.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	8/15/11	1,124.73	28.35	30.85	2.50	1,095.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	9/9/11	1,124.73	28.15	30.20	2.05	1,096.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	10/12/11	1,124.73	27.95	30.00	2.05	1,096.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	11/29/11	1,124.73	28.00	36.90	8.90	1,094.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 6
Groundwater Monitoring Data and Analytical Results¹
Chelan Chevron Site
Chelan, Washington
Concentrations reported in µg/L

Well ID	Date	TOC ² (ft.)	DTP (ft.)	DTW (ft.)	LNAPLT (ft.)	GWE ³ (ft.)	GRO	DRO ¹⁰	HRO ¹⁰	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	EDB	EDC	PCE	TCE	Vinyl Chloride	Dissolved Lead	Total Lead
MTCA Method A Cleanup Levels							800/1,000	500	500	5	1,000	700	1,000	20	0.01	5	5	5	0.2	15	15
MW-12	12/21/11	1,124.73	28.95	31.80	2.85	1,095.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	1/28/12	1,124.73	28.82	31.40	2.58	1,095.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	2/24/12	1,124.73	29.75	32.50	2.75	1,094.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	3/20/12	1,124.73	30.05	36.60	6.55	1,093.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	4/21/12	1,124.73	28.12	30.97	2.85	1,096.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	5/21/12	1,124.73	30.20	33.00	2.80	1,093.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	6/25/12	1,124.73	29.87	31.59	1.72	1,094.52	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	7/20/12	1,124.73	30.36	32.40	2.04	1,093.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	8/24/12	1,124.73	30.43	31.92	1.49	1,094.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	11/30/12	1,124.73	29.37	30.15	0.78	1,095.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	1/18/13	1,124.73	29.27	30.11	0.84	1,095.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	2/19-20/13	1,124.73	29.37	29.98	0.61	1,095.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	3/31/13	1,124.73	29.38	29.92	0.54	1,095.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	4/28/13	1,124.73	29.50	30.02	0.52	1,095.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	5/13/13	1,124.73	29.53	29.92	0.39	1,095.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	6/29/13	1,124.73	30.56	30.98	0.42	1,094.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	7/30/13	1,124.73	30.68	31.03	0.35	1,093.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	8/12/13	1,124.73	29.14	29.60	0.46	1,095.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	10/29/13	1,124.73	30.59	31.09	0.50	1,094.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	11/26/13	1,124.73	29.96	30.88	0.92	1,094.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	12/29/13	1,124.73	INACCESSIBLE - FROZEN SHUT				--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	1/27/14	1,124.73	29.77	30.52	0.75	1,094.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	2/20/14	1,124.73	30.44	31.02	0.58	1,094.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	3/18/14	1,124.73	30.46	31.38	0.92	1,094.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	4/15/14	1,124.73	28.39	30.83	2.44	1,095.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	5/5/14	1,124.73	30.31	33.11	2.80	1,093.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	6/18/14	1,124.73	30.49	31.02	0.53	1,094.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	7/15/14	1,124.73	31.23	32.01	0.78	1,093.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	8/5/14	1,124.73	30.00	30.28	0.28	1,094.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	9/22/14	1,124.73	30.53	30.97	0.44	1,094.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	10/13/14	1,124.73	30.63	31.01	0.38	1,094.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	11/13/14	1,124.73	30.79	31.06	0.27	1,093.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	12/22/14	1,124.73	28.91	31.73	2.82	1,095.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	1/18-19/15	1,124.73	30.36	32.08	1.72	1,094.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	2/9/15	1,124.73	28.89	31.33	2.44	1,095.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	6/19/15	1,124.73	29.83	31.11	1.28	1,094.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	9/21/15	1,124.73	25.99	27.66	1.67	1,098.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	12/9/15	1,124.73	28.62	31.04	2.42	1,095.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	3/14/16	1,124.73	19.90	23.75	3.85	1,104.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	6/22/16	1,124.73	21.39	23.32	1.93	1,102.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	9/11/16	1,124.73	21.21	24.06	2.85	1,102.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	3/19/17	1,124.73	20.31	24.44	4.13	1,103.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	6/19/17	1,124.73	19.74	24.09	4.35	1,104.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	10/16/17	1,124.73	20.69	24.60	3.91	1,103.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	12/3/17	1,124.73	20.62	22.23	1.61	1,103.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	3/8/18	1,124.73	18.52	18.52	0.00	1,106.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	6/24/18	1,124.73	20.16	21.24	1.08	1,104.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	9/11/18	1,124.73	20.74	21.98	1.24	1,103.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	12/4/18	1,124.73	22.62	23.16	0.54	1,102.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	4/29/19	1,124.73	24.64	27.19	2.55	1,099.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	6/10/19	1,124.73	24.93	27.80	2.87	1,099.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	9/22/19	1,124.73	23.90	27.07	3.17	1,100.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	11/6/19	1,124.73	24.10	24.10	0.00	1,100.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	7/28/20	1,124.73	26.15	31.93	5.78	1,097.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	12/4/20	1,124.73	26.61	32.57	5.96	1,096.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	4/16/21	1,124.73	27.47	32.77	5.30	1,096.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	10/15/21	1,124.73	27.44	33.02	5.58	1,096.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	4/27/22	1,124.73	28.93	34.71	5.78	1,094.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 6
Groundwater Monitoring Data and Analytical Results¹
Chelan Chevron Site
Chelan, Washington
Concentrations reported in µg/L

Well ID	Date	TOC ² (ft.)	DTP (ft.)	DTW (ft.)	LNAPLT (ft.)	GWE ³ (ft.)	GRO	DRO ¹⁰	HRO ¹⁰	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	EDB	EDC	PCE	TCE	Vinyl Chloride	Dissolved Lead	Total Lead
MTCA Method A Cleanup Levels							800/1,000	500	500	5	1,000	700	1,000	20	0.01	5	5	5	0.2	15	15
MW-12	8/31/22	1,124.73	27.45	33.08	5.63	1,096.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	5/17/23	1,124.73	22.09	26.47	4.38	1,101.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	8/22/23	1,124.73	22.84	23.91	1.07	1,101.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	11/4/23	1,124.73	21.82	23.12	1.30	1,102.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	9/21/01	1,124.89	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	10/4/01	1,124.89	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	11/9/01	1,124.89	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	1/24/02	1,124.89	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	3/5/02	1,124.89	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	5/19/02	1,124.89	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	7/16/02	1,124.89	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	11/11/02	1,124.89	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	2/24/03	1,124.89	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	4/1-4/03	1,124.89	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	6/23/03	1,124.89	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	ABANDONED																				
MW-14	9/21/01	1,124.40	--	36.15	0.00	1,088.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	10/4/01	1,124.40	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	11/9/01	1,124.40	--	36.25	0.00	1,088.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	1/24/02	1,124.40	--	36.31	0.00	1,088.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	3/5/02	1,124.40	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	5/19/02	1,124.40	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	7/16/02	1,124.40	--	36.40	0.00	1,088.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	11/11/02	1,124.40	--	36.49	0.00	1,087.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	2/24/03	1,124.40	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	4/1-4/03	1,124.40	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	6/23/03	1,124.40	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	ABANDONED																				
MW-15	11/15/01	1,124.83	--	32.51	0.00	1,092.32	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--	--	--	--	--	--	--	--	--	--
MW-15	1/24/02	1,124.83	30.65	31.19	0.54	1,094.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	3/6/02	1,124.83	21.82	22.68	0.86	1,102.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	4/26/02	1,124.83	33.07	33.65	0.58	1,091.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	5/19/02	1,124.83	31.80	32.65	0.85	1,092.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	6/14/02	1,124.83	33.20	34.06	0.86	1,091.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	7/16/02	1,124.83	32.76	33.49	0.73	1,091.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	8/21/02	1,124.83	32.65	33.29	0.64	1,092.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	9/20/02	1,124.83	32.48	33.17	0.69	1,092.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	10/23/02	1,124.83	32.30	33.10	0.80	1,092.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	11/11/02	1,124.83	32.34	33.20	0.86	1,092.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	1/4/03	1,124.83	32.36	33.10	0.74	1,092.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	2/3/03	1,124.83	31.96	32.79	0.83	1,092.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	2/24/03	1,124.83	32.56	33.41	0.85	1,092.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	4/1-4/03	1,124.83	31.43	32.22	0.79	1,093.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	5/14/03	1,124.83	31.24	32.06	0.82	1,093.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	6/14/03	1,124.83	31.22	32.03	0.81	1,093.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	6/30/03	1,124.83	33.98	35.18	1.20	1,090.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	7/15/03	1,124.83	34.20	35.40	1.20	1,090.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	8/8/03	1,124.83	31.63	32.47	0.84	1,093.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	8/17/03	1,124.83	33.41	34.20	0.79	1,091.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	9/5/03	1,124.83	34.76	35.89	1.13	1,089.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	9/17/03	1,124.83	35.63	36.81	1.18	1,088.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	10/23/03	1,124.83	33.76	34.37	0.61	1,090.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	11/6/03	1,124.83	33.96	34.40	0.44	1,090.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	11/25/03	1,124.83	33.90	34.15	0.25	1,090.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	1/13/04	1,124.83	33.70	34.00	0.30	1,091.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 6
Groundwater Monitoring Data and Analytical Results¹
Chelan Chevron Site
Chelan, Washington
Concentrations reported in µg/L

Well ID	Date	TOC ²	DTP	DTW	LNAPLT	GWE ³	GRO	DRO ¹⁰	HRO ¹⁰	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	EDB	EDC	PCE	TCE	Vinyl Chloride	Dissolved Lead	Total Lead
		(ft.)	(ft.)	(ft.)	(ft.)	(ft.)															
MTCA Method A Cleanup Levels							800/1,000	500	500	5	1,000	700	1,000	20	0.01	5	5	5	0.2	15	15
MW-15	2/18/04	1,124.83	33.98	34.36	0.38	1,090.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	3/16/04	1,124.83	33.83	34.14	0.31	1,090.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	4/13/04	1,124.83	33.68	33.95	0.27	1,091.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	5/11/04	1,124.83	33.91	34.11	0.20	1,090.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	6/15/04	1,124.83	34.24	34.65	0.41	1,090.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	7/12/04	1,124.83	30.19	33.50	3.31	1,093.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	8/17/04	1,124.83	33.72	33.77	0.05	1,091.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	9/15/04 ⁶	1,124.83	--	33.31	0.00	1,091.52	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	10/13/04 ⁶	1,124.83	--	33.16	0.00	1,091.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	11/17/04 ⁶	1,124.83	--	32.93	0.00	1,091.90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	1/13/05 ⁶	1,124.83	33.89	33.92	0.03	1,090.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	2/18/05 ⁶	1,124.83	--	23.96	0.00	1,100.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	3/29/05 ⁶	1,124.83	34.62	34.74	0.12	1,090.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	5/2-5/05 ⁶	1,124.83	34.82	35.09	0.27	1,089.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	6/2/05 ⁶	1,124.83	--	34.77	0.00	1,090.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	7/13/05 ⁶	1,124.83	--	34.61	0.00	1,090.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	9/15/05 ⁶	1,124.83	--	33.73	0.00	1,091.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	10/26/05 ⁶	1,124.83	--	33.32	0.00	1,091.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	1/18/06 ⁶	1,124.83	33.00	33.02	0.02	1,091.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	2/27/06 ⁶	1,124.83	--	35.50	0.00	1,089.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	3/13/06 ⁶	1,124.83	31.51	31.51	0.00	1,093.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	4/19/06 ⁶	1,124.83	31.91	31.91	0.00	1,092.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	5/22/06 ⁶	1,124.83	--	31.51	0.00	1,093.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	10/2/06 ⁶	1,124.83	--	31.20	0.00	1,093.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	12/5/06	1,124.83	FILLED WITH ICE			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	5/22/07	1,124.83	--	30.73	0.00	1,094.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	7/19/07	1,124.83	--	38.39	0.00	1,086.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	11/5/07	1,124.83	30.19	30.21	0.27	1,094.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	2/12/08	1,124.83	31.49	31.50	0.01	1,093.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	5/13/08	1,124.83	--	32.20	0.00	1,092.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	10/28/08	1,124.83	--	30.24	--	1,094.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	2/3-4/09	1,124.83	32.17	32.20	0.03	1,092.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	5/18-19/09	1,124.83	33.32	33.39	0.07	1,091.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	6/29/09 ⁶	1,124.83	33.34	33.37	0.03	1,091.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	7/30/09 ⁶	1,124.83	--	33.41	0.00	1,091.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	8/28/09 ⁶	1,124.83	--	33.15	0.00	1,091.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	10/2/09	1,124.83	--	32.70	0.00	1,092.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	11/10/09 ⁶	1,124.83	--	32.51	0.00	1,092.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	12/15/09	1,124.83	--	32.72	0.00	1,092.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	1/22/10 ⁶	1,124.83	--	32.96	0.00	1,091.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	3/5/10 ⁶	1,124.83	33.15	33.17	0.02	1,091.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	4/12/10 ⁶	1,124.83	33.19	33.22	0.03	1,091.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	5/18-20/10 ⁶	1,124.83	32.96	32.97	0.01	1,091.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	7/6/10	1,124.83	--	32.45	0.00	1,092.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	8/23/10 ⁶	1,124.83	--	31.05	0.00	1,093.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	10/13/10 ⁶	1,124.83	--	29.68	0.00	1,095.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	11/16/10 ⁶	1,124.83	--	30.08	0.00	1,094.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	1/11/11 ⁶	1,124.83	--	30.71	0.00	1,094.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	2/11/11 ⁶	1,124.83	--	31.16	0.00	1,093.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	5/5/11 ⁶	1,124.83	30.31	30.33	0.02	1,094.52	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	6/8/11 ⁶	1,124.83	30.62	30.70	0.08	1,094.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	7/11/11 ⁶	1,124.83	31.26	31.28	0.02	1,093.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	8/15/11	1,124.83	--	30.92	0.00	1,093.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	9/9/11 ⁶	1,124.83	29.90	30.00	0.10	1,094.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	10/12/11 ⁶	1,124.83	--	29.35	0.00	1,095.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	11/29/11 ⁶	1,124.83	--	29.55	0.00	1,095.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	12/21/11 ⁶	1,124.83	--	29.80	0.00	1,095.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	1/28/12 ⁶	1,124.83	--	29.77	0.00	1,095.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 6
Groundwater Monitoring Data and Analytical Results¹
Chelan Chevron Site
Chelan, Washington
Concentrations reported in µg/L

Well ID	Date	TOC ²	DTP	DTW	LNAPLT	GWE ³	GRO	DRO ¹⁰	HRO ¹⁰	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	EDB	EDC	PCE	TCE	Vinyl Chloride	Dissolved Lead	Total Lead
		(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	800/1,000	500	500	5	1,000	700	1,000	20	0.01	5	5	5	0.2	15	15
MTCA Method A Cleanup Levels																					
MW-15	2/24/12 ⁶	1,124.83	--	31.70	0.00	1,093.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	3/20/12 ⁶	1,124.83	33.40	33.50	0.10	1,091.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	4/21/12 ⁶	1,124.83	--	28.95	0.00	1,095.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	5/21/12 ⁶	1,124.83	--	33.35	0.00	1,091.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	6/25/12 ⁶	1,124.83	--	32.11	0.00	1,092.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	7/20/12 ⁶	1,124.83	33.21	33.25	0.04	1,091.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	8/24/12 ⁶	1,124.83	29.87	31.59	1.72	1,094.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	11/30/12	1,124.83	--	31.82	0.00	1,093.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	1/18/13	1,124.83	--	31.77	0.00	1,093.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	2/19-20/13	1,124.83	--	31.54	0.00	1,093.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	3/31/13	1,124.83	--	31.77	0.00	1,093.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	4/28/13	1,124.83	--	31.63	0.00	1,093.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	5/13/13	1,124.83	--	31.71	0.00	1,093.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	6/29/13	1,124.83	--	33.31	0.00	1,091.52	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	7/30/13	1,124.83	--	33.68	0.00	1,091.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	8/12/13	1,124.83	--	30.92	0.00	1,093.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	10/29/13	1,124.83	--	33.72	0.00	1,091.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	12/29/13	1,124.83	--	31.36	0.00	1,093.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	1/27/14	1,124.83	--	32.03	0.00	1,092.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	2/20/14	1,124.83	--	31.12	0.00	1,093.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	3/18/14	1,124.83	33.01	33.04	0.03	1,091.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	4/14/14	1,124.83	--	28.81	0.00	1,096.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	5/5/14	1,124.83	--	33.41	0.00	1,091.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	6/18/14	1,124.83	33.15	33.21	0.06	1,091.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	7/15/14	1,124.83	--	31.79	0.00	1,093.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	8/5/14	1,124.83	32.30	32.33	0.03	1,092.52	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	9/23/14	1,124.83	--	33.77	0.00	1,091.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	10/13/14	1,124.83	--	33.77	0.00	1,091.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	11/13/14	1,124.83	--	33.83	0.00	1,091.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	12/23/14	1,124.83	29.72	29.83	0.11	1,095.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	1/18-19/15	1,124.83	NOT ACCESSIBLE			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	2/10/15	1,124.83	--	29.83	0.00	1,095.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	6/18/15	1,124.83	--	29.26	0.00	1,095.57	1,600	14,000/15,000	<340/<340	9.0	<2.0	0.7	19	--	--	--	--	--	--	--	--
MW-15	6/18/15 (D)	1,124.83	--	--	--	--	1,200	3,900	360	7.9	<2.0	0.8	18	--	--	--	--	--	--	--	--
MW-15	9/21/15	1,124.83	--	27.91	0.00	1,096.92	4,800	1,400/2,600	93/560	5.5	7.6	11	19	--	--	--	--	--	--	--	--
MW-15	9/21/15 (D)	1,124.83	--	--	--	--	6,100	--/3,700	--/490	5.3	5.2	6.8	14	--	--	--	--	--	--	--	--
MW-15	12/9/15	1,124.83	--	26.99	0.00	1,097.84	2,600	340/560	--/88	4.2	4.1	4.7	6.3	--	--	--	--	--	--	--	--
MW-15	12/19/15 (D)	1,124.83	--	--	--	--	2,000	500/620	--/99	3.3	2.3	2.8	4.4	--	--	--	--	--	--	--	--
MW-15	3/14-15/16	1,124.83	--	23.27	0.00	1,101.56	240	49/230	160/600	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-15	3/14-15/16 (D)	1,124.83	--	--	--	--	140	--/230	--/540	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-15	6/22/16	1,124.83	--	25.26	0.00	1,099.57	120	<29/66	<68/240	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-15	6/22/16 (D)	1,124.83	--	--	--	--	120	--/150	--/540	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-15	9/11-12/16	1,124.83	--	24.62	0.00	1,100.21	320	53/170	<67/450	<0.5	<0.5	<0.5	<0.5	--	0.021	<0.5	--	--	--	--	--
MW-15	9/11-12/16 (D)	1,124.83	--	--	--	--	210	--/170	--/440	<0.5	<0.5	<0.5	<0.5	--	<0.0094	<0.5	--	--	--	--	--
MW-15	3/19/17	1,124.83	--	23.50	0.00	1,101.33	81	<29/160	110/460	<0.5	<0.5	<0.5	<0.5	--	<0.0097	<0.5	--	--	--	<6.2	25.1
MW-15	3/16/17 (D)	1,124.83	--	--	--	--	110	--/190	--/450	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	--	--	--	--	--
MW-15	6/19/17	1,124.83	--	23.45	0.00	1,101.38	<50	100/340	510/1,200	<0.5	<0.5	<0.5	<0.5	--	<0.0096	<0.5	--	--	--	<6.0	27.4
MW-15	6/19/17 (D)	1,124.83	--	--	--	--	<50	<29/150	110/740	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	--	--	--	--	--
MW-15	10/16/17	1,124.83	--	22.96	0.00	1,101.87	<50	<28/<28	<66/<66	<0.5	<0.5	<0.5	<0.5	--	<0.0097	<0.5	--	--	--	<6.0	45.8
MW-15	10/16/17 (D)	1,124.83	--	--	--	--	<50	--/37	--/200	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	--	--	--	--	--
MW-15	12/3/17	1,124.83	--	23.35	0.00	1,101.48	140	<29/30	<69/<69	<0.5	<0.5	<0.5	<0.5	--	<0.0094	<0.5	--	--	--	6.9	48.2
MW-15	12/3/17 (D)	1,124.83	--	--	--	--	82	<29/<29	<68/<68	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	--	--	--	--	--
MW-15	3/19/18	1,124.83	--	21.44	0.00	1,103.39	<250	43/82	250/520	<1	<1	<1	<1	--	<0.029	<1	--	--	--	--	65.2
MW-15	3/19/18 (D)	1,124.83	--	--	--	--	<250	<96	130	<1	<1	<1	<1	--	--	<1	--	--	--	--	--
MW-15	6/25/18	1,124.83	--	22.58	0.00	1,102.25	<250	<96/33	<240/120	<1	<1	<1	<1	--	<0.029	<1	--	--	--	--	<150
MW-15	6/25/18 (D)	1,124.83	--	--	--	--	<250	<96/<96	<240/68	<1	<1	<1	<1	--	--	<1	--	--	--	--	--
MW-15	9/11/18	1,124.83	--	23.42	0.00	1,101.41	<250	<99/31	<250/<250	<1	<1	<1	<1	--	<0.030	<1	--	--	--	--	50.9
MW-15	9/11/2018 (D)	1,124.83	--	--	--	--	61	<96	<240	<1	<1	<1	<1	--	--	<1	--	--	--	--	--

Table 6
Groundwater Monitoring Data and Analytical Results¹
Chelan Chevron Site
Chelan, Washington
Concentrations reported in µg/L

Well ID	Date	TOC ²	DTP	DTW	LNAPLT	GWE ³	GRO	DRO ¹⁰	HRO ¹⁰	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	EDB	EDC	PCE	TCE	Vinyl Chloride	Dissolved Lead	Total Lead
		(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	800/1,000	500	500	5	1,000	700	1,000	20	0.01	5	5	5	0.2	15	15
MTCA Method A Cleanup Levels																					
MW-15	12/4/18	1,124.83	--	24.12	0.00	1,100.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	4/30/19	1,124.83	--	27.28	0.00	1,097.55	1,700	270/380	82/140	<1	<1	<1	<5	--	<0.029	<1	--	--	--	--	28.1
MW-15	4/30/19(D)	--	--	--	--	--	1,600	270/310	86/92	<1	<1	<1	<5	--	--	<1	--	--	--	--	--
MW-15	6/10/19	1,124.83	--	28.02	0.00	1,096.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	9/23/19	1,124.83	--	25.80	0.00	1,099.03	520	<110/780	<240/970	<1	<1	<1	<6	--	<0.029	<1	--	--	--	--	23.1
MW-15	9/23/19(D)	--	--	--	--	--	510	370	390	<1	<1	<1	<6	--	--	<1	--	--	--	--	--
MW-15	11/6/19	1,124.83	--	26.58	0.00	1,098.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	7/29/20	1,124.83	--	28.41	0.00	1,096.42	3,770	256/747	<250/<250	<1	<1	<1	7.05	--	<0.020	<1	--	--	--	4.36	19.7
MW-15	12/4/20	1,124.83	--	29.60	0.00	1,095.23	1,680	<200/412	<250/139	<1	<1	<1	7.16	--	<0.020	<1	--	--	--	3.12	3.49
MW-15	4/16/21	1,124.83	--	30.47	0.00	1,094.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	10/15/21	1,124.83	--	29.17	0.00	1,095.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	4/28/22	1,124.83	--	31.27	0.00	1,093.56	3,910	769	<250	<1	<1	<1	6.03	--	<0.00552	<1	--	--	--	--	6.52
MW-15	4/28/22(D)	--	--	--	--	--	2,650	748	<250	<1	<1	<1	6.62	--	<0.00557	<1	--	--	--	--	6.45
MW-15	8/31/22	1,124.83	--	28.30	0.00	1,096.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	5/16/23	1,124.83	--	25.59	0.00	1,099.24	<100	<200	<250	<1	<1	<1	<3	--	<0.00595	<1	--	--	--	--	<6
MW-15	8/22/23	1,124.83	--	25.34	0.00	1,099.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	11/3/23	1,124.83	--	24.47	0.00	1,100.36	<100	<200	<250	<1	<1	<1	<3	--	<0.00552	<1	--	--	--	--	6.99
MW-15	11/3/2023(D)	--	--	--	--	--	<100	<200	<250	<1	<1	<1	<3	--	<0.00552	<1	--	--	--	--	16.0
MW-16	11/15/01	1,124.42	--	44.10	0.00	1,080.32	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL														
MW-16	1/24/02	1,124.42	42.35	49.24	6.89	1,080.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	3/6/02	1,124.42	40.60	50.10	9.50	1,081.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	4/26/02	1,124.42	40.11	48.45	8.34	1,082.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	5/19/02	1,124.42	44.20	47.19	2.99	1,079.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	6/13/02	1,124.42	45.58	48.02	2.44	1,078.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	7/16/02	1,124.42	44.40	45.48	1.08	1,079.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	8/21/02	1,124.42	44.14	45.14	1.00	1,080.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	9/20/02	1,124.42	43.98	44.95	0.97	1,080.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	10/23/02	1,124.42	44.08	45.21	1.13	1,080.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	11/11/02	1,124.42	43.35	45.52	2.17	1,080.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	1/4/03	1,124.42	44.19	45.31	1.12	1,080.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	2/3/03	1,124.42	43.07	45.16	2.09	1,080.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	2/24/03	1,124.42	45.25	46.85	1.60	1,078.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	4/4/03	1,124.42	42.97	44.03	1.06	1,081.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	5/14/03	1,124.42	45.20	46.90	1.70	1,078.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	6/14/03	1,124.42	45.18	46.85	1.67	1,078.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	6/30/03	1,124.42	44.80	46.44	1.64	1,079.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	7/15/03	1,124.42	44.90	46.58	1.68	1,079.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	8/8/03	1,124.42	44.80	45.95	1.15	1,079.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	8/17/03	1,124.42	46.22	47.86	1.64	1,077.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	9/5/03	1,124.42	44.72	45.40	0.68	1,079.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	9/17/03	1,124.42	44.74	45.40	0.66	1,079.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	10/4/03	1,124.42	44.51	45.20	0.69	1,079.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	10/23/03	1,124.42	44.72	45.38	0.66	1,079.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	11/6/03	1,124.42	44.77	45.25	0.48	1,079.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	11/25/03	1,124.42	42.12	42.49	0.37	1,082.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	1/13/04	1,124.42	44.96	45.50	0.54	1,079.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	2/18/04	1,124.42	44.78	45.21	0.43	1,079.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	3/16/04	1,124.42	45.08	45.54	0.46	1,079.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	4/13/04	1,124.42	44.97	45.23	0.26	1,079.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	5/11/04	1,124.42	45.11	45.39	0.28	1,079.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	6/15/04	1,124.42	45.55	45.64	0.09	1,078.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	8/17/04	1,124.42	44.98	45.18	0.20	1,079.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	9/15/04 ⁶	1,124.42	44.81	44.82	0.01	1,079.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	10/13/04	1,124.42	--	44.82	>0.0	1,079.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	11/17/04	1,124.42	--	44.73	>0.0	1,079.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	1/13/05	1,124.42	45.32	45.66	0.34	1,079.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	2/18/05	1,124.42	44.94	45.05	0.10	1,079.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 6
Groundwater Monitoring Data and Analytical Results¹
Chelan Chevron Site
Chelan, Washington
Concentrations reported in µg/L

Well ID	Date	TOC ²	DTP	DTW	LNAPLT	GWE ³	GRO	DRO ¹⁰	HRO ¹⁰	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	EDB	EDC	PCE	TCE	Vinyl Chloride	Dissolved Lead	Total Lead
		(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	800/1,000	500	500	5	1,000	700	1,000	20	0.01	5	5	5	0.2	15	15
MTCA Method A Cleanup Levels																					
MW-16	3/29/05	1,124.42	45.28	45.48	0.20	1,079.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	5/5/05	1,124.42	45.54	45.91	0.37	1,078.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	6/2/05	1,124.42	45.31	45.50	0.19	1,079.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	7/13/05	1,124.42	45.23	45.26	0.03	1,079.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	9/15/05	1,124.42	44.50	45.51	0.01	1,078.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	10/26/05 ⁶	1,124.42	--	44.26	0.00	1,080.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	4/19/06	1,124.42	43.62	47.68	4.06	1,079.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	5/22/06	1,124.42	44.15	45.33	1.18	1,080.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	10/2/06	1,124.42	42.33	46.69	4.36	1,081.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	12/5/06	1,124.42	42.22	48.15	5.93	1,081.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	5/22/07	1,124.42	29.65	50.00	20.35	1,090.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	7/19/07	1,124.42	40.29	49.99	9.70	1,082.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	11/5/07	1,124.42	39.27	49.99	10.72	1,083.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	2/12/08	1,124.42	40.75	49.93	9.18	1,081.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	5/13/08	1,124.42	42.91	50.05	7.14	1,080.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	10/28/08	1,124.42	43.09	45.36	2.27	1,080.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	2/4/09	1,124.42	44.31	45.94	1.63	1,079.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	5/19/09	1,124.42	45.34	46.95	1.61	1,078.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	6/29/09	1,124.42	45.23	46.19	0.96	1,079.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	7/30/09	1,124.42	45.09	45.75	0.66	1,079.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	8/28/09	1,124.42	44.88	45.23	0.35	1,079.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	10/2/09	1,124.42	44.28	44.58	0.30	1,080.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	11/10/09	1,124.42	44.13	44.38	0.25	1,080.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	12/15/09	1,124.42	44.29	44.64	0.35	1,080.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	1/22/10	1,124.42	44.52	44.62	0.10	1,079.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	3/5/10	1,124.42	44.62	44.91	0.29	1,079.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	4/12/10	1,124.42	44.85	45.17	0.32	1,079.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	5/20/10	1,124.42	44.85	45.13	0.28	1,079.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	7/6/10	1,124.42	43.97	44.03	0.06	1,080.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	8/23/10	1,124.42	42.85	42.99	0.14	1,081.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	10/13/10	1,124.42	41.73	41.87	0.14	1,082.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	11/16/10	1,124.42	41.22	42.35	1.13	1,082.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	1/11/11	1,124.42	42.06	45.13	3.07	1,081.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	2/11/11	1,124.42	42.22	44.12	1.90	1,081.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	5/5/11	1,124.42	42.98	46.60	3.62	1,080.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	6/8/11	1,124.42	43.52	45.28	1.76	1,080.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	7/11/11	1,124.42	42.78	43.85	1.07	1,081.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	8/15/11	1,124.42	42.70	44.12	1.42	1,081.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	9/9/11	1,124.42	42.20	44.15	1.95	1,081.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	10/12/11	1,124.42	41.55	49.10	7.55	1,081.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	11/29/11	1,124.42	41.30	49.15	7.85	1,081.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	12/21/11	1,124.42	41.30	47.30	6.00	1,081.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	1/28/12	1,124.42	41.38	47.42	6.04	1,081.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	2/24/12	1,124.42	43.50	48.45	4.95	1,079.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	3/20/12	1,124.42	43.80	49.50	5.70	1,079.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	4/21/12	1,124.42	40.48	47.50	7.02	1,082.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	5/21/12	1,124.42	43.10	48.20	5.10	1,080.30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	6/25/12	1,124.42	44.36	46.31	1.95	1,079.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	7/20/12	1,124.42	43.21	46.80	3.59	1,080.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	8/24/12	1,124.42	42.78	45.80	3.02	1,081.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	11/30/12	1,124.42	42.24	43.30	1.06	1,081.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	1/18/13	1,124.42	41.81	43.13	1.32	1,082.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	2/19-20/13	1,124.42	43.14	44.37	1.23	1,081.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	3/31/13	1,124.42	43.36	44.51	1.15	1,080.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	4/28/13	1,124.42	43.80	44.83	1.03	1,080.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	5/13/13	1,124.42	43.88	44.79	0.91	1,080.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	6/29/13	1,124.42	45.03	45.83	0.80	1,079.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	7/30/13	1,124.42	45.22	45.97	0.75	1,079.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 6
Groundwater Monitoring Data and Analytical Results¹
Chelan Chevron Site
Chelan, Washington
Concentrations reported in µg/L

Well ID	Date	TOC ²	DTP	DTW	LNAPLT	GWE ³	GRO	DRO ¹⁰	HRO ¹⁰	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	EDB	EDC	PCE	TCE	Vinyl Chloride	Dissolved Lead	Total Lead
		(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	800/1,000	500	500	5	1,000	700	1,000	20	0.01	5	5	5	0.2	15	15
MTCA Method A Cleanup Levels																					
MW-16	8/12/13	1,124.42	43.07	43.86	0.79	1,081.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	10/29/13	1,124.42	45.58	45.99	0.41	1,078.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	11/26/13	1,124.42	41.36	42.41	1.05	1,082.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	12/29/13	1,124.42	42.72	43.53	0.81	1,081.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	1/27/14	1,124.42	43.70	44.23	0.53	1,080.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	2/20/14	1,124.42	42.08	43.01	0.93	1,082.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	3/18/14	1,124.42	44.48	45.31	0.83	1,079.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	4/15/14	1,124.42	40.93	47.13	6.20	1,082.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	5/5/14	1,124.42	43.53	48.31	4.78	1,079.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	6/18/14	1,124.42	44.39	45.33	0.94	1,079.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	7/15/14	1,124.42	44.40	46.13	1.73	1,079.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	8/5/14	1,124.42	43.88	44.37	0.49	1,080.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	9/23/14	1,124.42	43.89	45.96	2.07	1,080.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	10/13/14	1,124.42	45.61	45.93	0.32	1,078.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	11/13/14	1,124.42	45.77	46.01	0.24	1,078.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	12/23/14	1,124.42	41.22	46.83	5.61	1,082.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	1/18-19/15	1,124.42	44.93	45.10	0.17	1,079.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	2/10/15	1,124.42	41.43	46.13	4.70	1,082.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	6/19/15	1,124.42	44.39	45.11	0.72	1,079.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	9/21/15	1,124.42	41.93	42.16	0.23	1,082.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	12/9/15	1,124.42	41.89	43.33	1.44	1,082.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	3/14/16	1,124.42	39.94	49.49	9.55	1,082.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	6/22/16	1,124.42	36.86	48.62	11.76	1,085.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	9/11/16	1,124.42	35.70	47.75	12.05	1,086.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	3/19/17	1,124.42	38.91	47.41	8.50	1,083.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	6/19/17	1,124.42	31.66	47.44	15.78	1,089.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	10/16/17	1,124.42	31.13	46.18	15.05	1,090.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	12/3/17	1,124.42	36.07	36.22	0.15	1,088.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	3/18/18	1,124.42	34.56	35.17	0.61	1,089.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	6/24/18	1,124.42	40.02	44.47	4.45	1,083.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	9/11/18	1,124.42	33.81	44.08	10.27	1,088.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	12/4/18	1,124.42	35.22	45.95	10.73	1,087.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	4/29/19	1,124.42	41.19	42.78	1.59	1,082.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	6/10/19	1,124.42	41.03	43.80	2.77	1,082.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	9/22/19	1,124.42	40.78	43.25	2.47	1,083.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	11/6/19	1,124.42	39.27	42.34	3.07	1,084.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	7/28/20	1,124.42	40.97	44.51	3.54	1,082.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	12/4/20	1,124.42	42.11	46.35	4.24	1,081.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	4/16/21	1,124.42	42.41	45.21	2.80	1,081.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	10/15/21	1,124.42	41.04	43.90	2.86	1,082.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	4/27/22	1,124.42	42.86	45.91	3.05	1,080.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	8/31/22	1,124.42	40.64	43.73	3.09	1,083.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	5/18/23	1,124.42	37.76	45.61	7.85	1,085.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	8/22/23	1,124.42	38.28	42.51	4.23	1,085.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	11/3/23	1,124.42	37.64	43.71	6.07	1,085.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	6/12/02	1,125.86	--	28.65	0.00	1,097.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	7/16/02	1,125.86	--	29.26	0.00	1,096.60	3,400	500	<750	32	14	8.1	130	<5.0	--	<5.0	--	--	--	29.6	--
MW-17	11/11/02	1,125.86	--	29.04	0.00	1,096.82	2,100	600	<250	48	7.7	43	99	<20	--	<20	--	--	--	<1.2	--
MW-17	2/24/03	1,125.86	--	29.18	0.00	1,096.68	2,100	380	<250	58	7.1	64	110	<10	--	<10	--	--	--	<1.1	--
MW-17	4/1-4/03	1,125.86	--	29.33	0.00	1,096.53	3,300	580	260	39	8.5	45	93	<50/<2 ¹²	--	<50/<2 ¹²	--	--	--	--	--
MW-17	7/1/03	1,125.86	--	29.98	0.00	1,095.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	7/15/03	1,125.86	--	29.86	0.00	1,096.00	1,300	280	<250	30	2.6	11	27	<20	--	<20	--	--	--	<1.2	13.9
MW-17	10/23/03 (D)	1,125.86	--	30.08	0.00	1,095.78	4,600	480	<94	13	5.3	1.6	66	--	--	--	--	--	--	<1.2	--
MW-17	10/23/03	1,125.86	--	30.08	0.00	1,095.78	4,800	470	100	12	5.3	1.5	69	--	--	--	--	--	--	<1.2	--
MW-17	1/13/04	1,125.86	--	30.45	0.00	1,095.41	2,200	390	<95	15	5.3	1.9	27	<10	--	<10	--	--	--	<1.2	--
MW-17	4/14/04	1,125.86	--	30.15	0.00	1,095.71	2,800	540	<100	13	5.4	2.5	39	<100	--	<100	--	--	--	<1.2	--
MW-17	7/13/04	1,125.86	--	30.66	0.00	1,095.20	2,900	410	<96	16	5.8	2.6	35	<100	--	<100	--	--	--	1.0	--

Table 6
Groundwater Monitoring Data and Analytical Results¹
Chelan Chevron Site
Chelan, Washington
Concentrations reported in µg/L

Well ID	Date	TOC ²	DTP	DTW	LNAPLT	GWE ³	GRO	DRO ¹⁰	HRO ¹⁰	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	EDB	EDC	PCE	TCE	Vinyl Chloride	Dissolved Lead	Total Lead
		(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	800/1,000	500	500	5	1,000	700	1,000	20	0.01	5	5	5	0.2	15	15
MTCA Method A Cleanup Levels																					
MW-17	10/13/04	1,125.86	--	29.12	0.00	1,096.74	130	<77	<97	16	2.8	3.0	6	<20	--	<20	--	--	--	<0.99	--
MW-17	1/12/05	1,125.86	--	29.55	0.00	1,096.31	1,400	190	<100	11	5.1	2.1	14	--	--	--	--	--	--	<0.99	--
MW-17	5/4/05	1,125.86	--	33.05	0.00	1,092.81	620	300	180	7	2.7	<0.5	6	<10	--	<10	--	--	--	<0.87	--
MW-17	7/13/05	1,125.86	--	30.87	0.00	1,094.99	470	340	<100	3.8	0.8	<0.5	5.6	16	--	16	--	--	--	<0.87	--
MW-17	10/27/05	1,125.86	--	30.15	0.00	1,095.71	710	180	20	6.3	2.1	14	--	--	--	--	--	--	--	<0.87	--
MW-17	3/14/06	1,125.86	--	27.15	0.00	1,098.71	2,900	330	110	41	47.0	110	330	--	--	--	--	--	--	--	--
MW-17	5/22/06	1,125.86	--	27.07	0.00	1,098.79	2,200	210	<96	<20	12.0	54	170	--	--	--	--	--	--	--	--
MW-17	10/3/06	1,125.86	--	26.52	0.00	1,099.34	6,600	440	<100	34	37.0	310	660	--	--	--	--	--	--	--	--
MW-17	5/23/07	1,125.86	--	26.46	0.00	1,099.40	8,200	620	340	56	74.0	410	900	--	--	--	--	--	--	--	--
MW-17	11/6/07	1,125.86	--	24.97	0.00	1,100.89	18,000	990	<110	110	73.0	560	1,100	--	--	--	--	--	--	--	--
MW-17	5/14/08	1,125.86	--	27.21	0.00	1,098.65	290	<77	<97	6.5	1.8	5.4	4	--	--	--	--	--	--	--	--
MW-17	5/18-19/09	1,125.86	--	29.07	0.00	1,096.79	140	63	<74	3.3	0.8	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-17	5/18-20/10	1,125.86	--	29.67	0.00	1,096.19	410	810	990	6.1	6.0	1	14	--	--	--	--	--	--	--	--
MW-17	5/5/11	1,125.86	--	27.48	0.00	1,098.38	470	220	250	4.3	3.6	12	8.9	--	--	--	--	--	--	--	--
MW-17	5/22/12	1,125.86	--	30.10	0.00	1,095.76	98	<31	<72	2.7	0.8	0.6	<1.5	--	--	--	--	--	--	--	--
MW-17	5/14/13	1,125.86	--	28.82	0.00	1,097.04	120	<29	<67	4.2	3.0	<0.5	7.4	--	--	--	--	--	--	--	--
MW-17	5/5/14	1,125.86	NOT ACCESSIBLE	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	6/18/15	1,125.86	--	25.98	0.00	1,099.88	7,200	83/590	<68/250	23	73	660	890	--	--	--	--	--	--	--	--
MW-17	9/21/15	1,125.86	--	25.25	0.00	1,100.61	5,800	130/760	<66/<66	16	60	370	700	--	--	--	--	--	--	--	--
MW-17	12/9/15	1,125.86	--	25.25	0.00	1,100.61	8,300	110/640	--/<66	18	45	410	740	--	--	--	--	--	--	--	--
MW-17	3/14-15/16	1,125.86	--	21.81	0.00	1,104.05	38,000	220/1,700	<67/300	75	470	1,300	2,900	--	--	--	--	--	--	--	--
MW-17	6/22-23/16	1,125.86	--	20.55	0.00	1,105.31	72,000	260/2,100	<66/480	150	2,400	2,200	7,900	--	--	--	--	--	--	--	--
MW-17	9/11-12/16	1,125.86	--	20.71	0.00	1,105.15	63,000	340/2,000	<67/350	63	1,800	1,500	7,500	--	1.40	<0.5	--	--	--	--	--
MW-17	3/19/17	1,125.86	--	21.46	0.00	1,104.40	41,000	310/1,600	<67/410	48	860	1,500	4,100	--	0.73	<0.5	--	--	--	6.5	19.2
MW-17	6/19/17	1,125.86	--	21.32	0.00	1,104.54	74,000	300/1,500	<67/300	77	2,600	2,400	10,000	--	1.30	<0.5	--	--	--	<6.0	19.6
MW-17	10/16/17	1,125.86	--	20.42	0.00	1,105.44	52,000	260/1,400	<67/240	56	2,000	1,900	7,500	--	0.71	<10	--	--	--	6.7	17.8
MW-17	12/3/17	1,125.86	--	20.80	0.00	1,105.06	55,000	290/1,800	<67/280	57	1,200	2,100	7,000	--	0.47	<10	--	--	--	6.3	15.1
MW-17	3/19/18	1,125.86	--	21.30	0.00	1,104.56	49,000	300/1,300	<240/150	37	1,200	1,600	5,800	--	0.31	<10	--	--	--	--	8.3
MW-17	6/26/18	1,125.86	--	20.69	0.00	1,105.17	51,000	240/1,400	<240/220	60	900	2,400	7,900	--	<0.14	<10	--	--	--	--	14.3
MW-17	9/11/18	1,125.86	--	21.10	0.00	1,104.76	36,000	250/990	<230/<230	52	1,200	2,100	7,500	--	0.29	<10	--	--	--	--	13.0
MW-17	12/4/18	1,125.86	--	21.66	0.00	1,104.20	--	--	--	15	--	--	--	--	--	--	--	--	--	--	--
MW-17	4/30/19	1,125.86	--	24.75	0.00	1,101.11	17,000	150/470	<250/75	15	260	660	2,000	--	0.027	0.4	--	--	--	--	<15.0
MW-17	6/10/19	1,125.86	--	24.90	0.00	1,100.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	9/22/19	1,125.86	--	24.91	0.00	1,100.95	5,300	85/700	<240/320	7	98	250	720	--	--	--	--	--	--	--	<15.0
MW-17	11/6/19	1,125.86	--	24.87	0.00	1,100.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	7/28/20	1,125.86	--	25.80	0.00	1,100.06	1,960	128/486	<250/99.6	5.36	69.7	249	300	--	<0.020	<1	--	--	--	<6	8.84
MW-17	12/4/20	1,125.86	--	27.60	0.00	1,098.26	1,480	127/512	<250/195	3.67	29.2	131	117	--	<0.020	<1	--	--	--	<6	<6
MW-17	4/16/21	1,125.86	--	28.51	0.00	1,097.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	10/15/21	1,125.86	--	28.00	0.00	1,097.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	4/27/22	1,125.86	--	29.87	0.00	1,095.99	1,380	379	<250	1.56	3.04	61.8	34.0	--	<0.00541	<0.1	<0.1	<0.04	0.136	--	<6
MW-17	8/31/22	1,125.86	--	28.70	0.00	1,097.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	5/16/23	1,125.86	--	23.05	0.00	1,102.81	29,200	1,990	<250	12.6	1,100	1,440	4,720	--	0.0382	<0.1	<0.1	<0.04	<0.1	--	<6.00
MW-17	8/22/23	1,125.86	--	23.24	0.00	1,102.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	11/3/23	1,125.86	--	22.79	0.00	1,103.07	24,200	1,750	<250	16.1	756	1,460	4,430	--	0.0165J	<0.950	<1.40	<2.00	<1.36	--	<6.00
MW-18	6/12/02	1,124.87	--	35.06	0.00	1,089.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	7/16/02	1,124.87	--	29.75	0.00	1,095.12	20,000	600	<750	<20	29	5.1	3,300	<10	--	<10	--	--	--	1.8	--
MW-18	11/11/02	1,124.87	--	29.61	0.00	1,095.26	17,000	510	<250	24	22	7.5	2,700	<50	--	<50	--	--	--	<1.2	--
MW-18	2/24/03	1,124.87	--	29.78	0.00	1,095.09	25,000	15,000	330	36	25	11	2,800	<20	--	<20	--	--	--	5.9	--
MW-18	4/1-4/03	1,124.87	29.81	30.20	0.39	1,094.98	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL													--	--
MW-18	5/14/03	1,124.87	30.85	31.41	0.56	1,093.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	6/14/03	1,124.87	30.80	31.35	0.55	1,093.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	6/30/03	1,124.87	31.36	31.95	0.59	1,093.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	7/15/03	1,124.87	31.38	32.00	0.62	1,093.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	8/8/03	1,124.87	30.71	31.25	0.54	1,094.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	8/17/03	1,124.87	31.28	31.80	0.52	1,093.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	9/5/03	1,124.87	31.76	32.37	0.61	1,092.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	9/17/03	1,124.87	31.18	31.95	0.77	1,093.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 6
Groundwater Monitoring Data and Analytical Results¹
Chelan Chevron Site
Chelan, Washington
Concentrations reported in µg/L

Well ID	Date	TOC ²	DTP	DTW	LNAPLT	GWE ³	GRO	DRO ¹⁰	HRO ¹⁰	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	EDB	EDC	PCE	TCE	Vinyl Chloride	Dissolved Lead	Total Lead
		(ft.)	(ft.)	(ft.)	(ft.)	(ft.)															
MTCA Method A Cleanup Levels																					
							800/1,000	500	500	5	1,000	700	1,000	20	0.01	5	5	5	0.2	15	15
MW-18	10/4/03	1,124.87	30.82	31.36	0.54	1,093.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	10/23/03	1,124.87	31.06	31.29	0.23	1,093.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	11/6/03	1,124.87	31.11	31.27	0.16	1,093.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	1/13/04	1,124.87	30.82	31.17	0.35	1,093.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	2/18/04	1,124.87	30.25	30.76	0.51	1,094.52	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	3/16/04	1,124.87	30.25	30.56	0.31	1,094.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	4/13/04	1,124.87	30.22	30.36	0.14	1,094.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	5/10/04	1,124.87	30.43	30.45	0.02	1,094.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	6/15/04	1,124.87	30.45	30.70	0.25	1,094.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	7/12/04	1,124.87	30.09	30.33	0.24	1,094.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	8/17/04	1,124.87	29.38	29.51	0.13	1,095.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	9/15/04 ⁶	1,124.87	--	29.20	0.00	1,095.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	10/13/04 ⁶	1,124.87	--	29.20	0.00	1,095.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	11/17/04 ⁶	1,124.87	--	28.75	0.00	1,096.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	1/13/05 ⁶	1,124.87	--	29.55	0.00	1,095.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	2/18/05 ⁶	1,124.87	--	29.21	0.00	1,095.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	3/29/05 ⁶	1,124.87	--	29.69	0.00	1,095.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	5/2-5/05 ⁶	1,124.87	--	30.10	0.00	1,094.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	6/2/05 ⁶	1,124.87	--	30.98	0.00	1,093.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	7/13/05 ⁶	1,124.87	--	30.21	0.00	1,094.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	9/15/05 ⁶	1,124.87	--	28.76	0.00	1,096.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	10/26/05 ⁶	1,124.87	--	28.02	0.00	1,096.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	10/26/05 ⁶	1,124.87	--	26.07	0.00	1,098.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	3/14/06	1,124.87	--	26.07	0.00	1,098.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	5/22/06	1,124.87	--	26.36	0.00	1,098.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	10/3/06	1,124.87	--	25.79	0.00	1,099.08	110	140	<100	3.7	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-18	5/22/07	1,124.87	--	25.48	0.00	1,099.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	7/19/07	1,124.87	--	25.43	0.00	1,099.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	11/6/07	1,124.87	--	24.92	0.00	1,099.95	160	<82	<100	3.4	<0.5	<2.0	<5.0	--	--	--	--	--	--	--	--
MW-18	2/12/08	1,124.87	--	26.09	0.00	1,098.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	5/13/08	1,124.87	--	26.69	0.00	1,098.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	5/18-19/09	1,124.87	--	28.41	0.00	1,096.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	6/29/09	1,124.87	--	28.64	0.00	1,096.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	7/30/09	1,124.87	--	28.60	0.00	1,096.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	8/28/09	1,124.87	--	28.32	0.00	1,096.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	10/2/09	1,124.87	--	27.89	0.00	1,096.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	11/10/09	1,124.87	--	27.63	0.00	1,097.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	12/15/09	1,124.87	--	27.80	0.00	1,097.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	1/22/10	1,124.87	--	28.26	0.00	1,096.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	3/5/10	1,124.87	--	28.56	0.00	1,096.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	4/12/10	1,124.87	--	28.61	0.00	1,096.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	5/18-20/10	1,124.87	--	28.49	0.00	1,096.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	7/6/10	1,124.87	--	28.02	0.00	1,096.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	5/5/11	1,124.87	--	26.29	0.00	1,098.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	5/21/12	1,124.87	--	27.70	0.00	1,097.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	5/14/13	1,124.87	--	27.36	0.00	1,097.51	65	<29	<67	0.8	<2.0	<2.0	<1.5	--	--	--	--	--	--	--	--
MW-18	5/5/14	1,124.87	--	28.53	0.00	1,096.34	<50	<29	<67	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-18	6/18/15	1,124.87	--	31.30	0.00	1,093.57	<50	<29/68	<67/><67	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-18	9/21/15	1,124.87	--	25.10	0.00	1,099.77	140	<28/66	<66/><66	0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-18	12/9/15	1,124.87	--	24.35	0.00	1,100.52	<50	<28/140	--/310	0.3	<0.2	<0.2	0.5	--	--	--	--	--	--	--	--
MW-18	3/14-15/16	1,124.87	--	19.60	0.00	1,105.27	440	<28/130	100/650	2.4	0.7	<0.5	14	--	--	--	--	--	--	--	--
MW-18	6/22/16	1,124.87	--	20.49	0.00	1,104.38	86	<29/100	66/610	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-18	9/11/16	1,124.87	--	20.44	0.00	1,104.43	110	<29/240	120/660	<0.5	<0.5	<0.5	<0.5	--	<0.0095	<0.5	--	--	--	--	
MW-18	3/19/17	1,124.87	--	20.08	0.00	1,104.79	95	150/480	1,200/2,700	<0.5	<0.5	<0.5	0.7	--	<0.0097	<0.5	--	--	--	<6.2	64.6
MW-18	6/19/17	1,124.87	--	19.37	0.00	1,105.50	78	180/570	1,200/2,600	<0.5	<0.5	<0.5	<0.5	--	<0.0096	<0.5	--	--	--	<6.0	29.8
MW-18	10/16/17	1,124.87	--	19.51	0.00	1,105.36	89	<28/63	<66/270	<0.5	<0.5	<0.5	<0.5	--	<0.0098	<0.5	--	--	--	<6.0	10.7
MW-18	12/3/17	1,124.87	--	19.47	0.00	1,105.40	55	33/110	110/440	<0.5	<0.5	<0.5	<0.5	--	<0.0096	<0.5	--	--	--	<6.0	13.5
MW-18	3/19/18	1,124.87	--	18.37	0.00	1,106.50	<1	<94/54	81/190	<1	<1	<1	<1	--	<0.029	<1	--	--	--	--	<15.0

Table 6
Groundwater Monitoring Data and Analytical Results¹
Chelan Chevron Site
Chelan, Washington
Concentrations reported in µg/L

Well ID	Date	TOC ²	DTP	DTW	LNAPLT	GWE ³	GRO	DRO ¹⁰	HRO ¹⁰	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	EDB	EDC	PCE	TCE	Vinyl Chloride	Dissolved Lead	Total Lead
		(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	800/1,000	500	500	5	1,000	700	1,000	20	0.01	5	5	5	0.2	15	15
MTCA Method A Cleanup Levels																					
MW-18	6/26/18	1,124.87	--	19.39	0.00	1,105.48	<1	<94/45	<240/220	<1	<1	<1	<1	--	<0.029	<1	--	--	--	--	24.7
MW-18	9/11/18	1,124.87	--	19.80	0.00	1,105.07	<1	<95/40	73/110	<1	<1	<1	<1	--	<0.029	<1	--	--	--	--	19.5
MW-18	12/4/18	1,124.87	--	21.30	0.00	1,103.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	4/30/19	1,124.87	--	24.61	0.00	1,100.26	120	<100/81	<260/140	<1	<1	<1	<5	--	<0.029	<1	--	--	--	--	27.2
MW-18	6/10/19	1,124.87	--	25.51	0.00	1,099.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	9/22/19	1,124.87	--	24.09	0.00	1,100.78	120	<96/95	130/430	0.2	<1	<1	<6	--	<0.029	<1	--	--	--	--	7.2
MW-18	11/6/19	1,124.87	--	24.23	0.00	1,100.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	7/28/20	1,124.87	--	26.13	0.00	1,098.74	126	127/127	110/110	0.206	<1	<1	<3	--	<0.020	<1	--	--	--	4.06	22.4
MW-18	12/4/20	1,124.87	--	26.76	0.00	1,098.11	87.9	199/199	166/166	0.252	<1	0.314	0.757	--	<0.020	<1	--	--	--	<6	<6
MW-18	4/16/21	1,124.87	--	27.51	0.00	1,097.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	10/15/21	1,124.87	--	26.99	0.00	1,097.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	4/27/22	1,124.87	--	28.56	0.00	1,096.31	UNABLE TO ACCESS FOR SAMPLING				--	--	--	--	--	--	--	--	--	--	--
MW-18	8/31/22	1,124.87	--	26.61	0.00	1,098.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	5/16/23	1,124.87	--	22.68	0.00	1,102.19	<100	<200	<250	<1	<1	<1	<3	--	<0.00547	<1	--	--	--	--	<6
MW-18	8/22/23	1,124.87	--	22.37	0.00	1,102.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	11/3/23	1,124.87	--	21.10	0.00	1,103.77	<100	<200	<250	<1	<1	<1	<3	--	<0.00547	<1	--	--	--	--	<6
MW-19	6/13/02	1,122.95	--	37.51	0.00	1,085.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	7/16/02	1,122.95	--	33.69	0.00	1,089.26	1,200	960	<750	1,500	25	3.1	31	<5.0	--	<5.0	--	--	--	1.7	--
MW-19	11/11/02	1,122.95	--	32.71	0.00	1,090.24	1,600	910	<250	1,000	23	1.9	14	<20	--	<20	--	--	--	<1.2	--
MW-19	2/24/03	1,122.95	NOT ACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	4/1-4/03	1,122.95	NOT ACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	7/1/03	1,122.95	--	34.66	0.00	1,088.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	7/15/03	1,122.95	--	34.50	0.00	1,088.45	990	910	<250	1,600	28	3.2	8.9	<20	--	<20	--	--	--	<1.2	--
MW-19	10/24/03	1,122.95	--	33.73	0.00	1,089.22	1,500	100	130	1,100	17	1.0	6.3	<20	--	<20	--	--	--	2.8	--
MW-19	10/24/03 (D)	1,122.95	--	33.73	0.00	1,089.22	910	750	140	1,500	27	<2.5	9.7	<1 ⁷	--	<1 ⁷	--	--	--	<1.2	--
MW-19	1/13/04	1,122.95	--	34.50	0.00	1,088.45	1,200	570	310	1,200	21	<2.0	8.4	<10	--	<10	--	--	--	<1.2	--
MW-19	1/13/04 (D)	1,122.95	--	34.50	0.00	1,088.45	1,200	650	280	1,200	22	<2.0	7.9	<10	--	<10	--	--	--	<1.2	--
MW-19	4/13/04	1,122.95	--	34.98	0.00	1,087.97	870	680	<94	1,700	25	<2.5	<7.5	<1 ⁷	--	<1 ⁷	--	--	--	<1.2	--
MW-19	7/14/04	1,122.95	--	34.55	0.00	1,088.40	900	620	<95	1,500	23	1.5	5.5	<100	--	<100	--	--	--	<0.99	--
MW-19	10/13/04	1,122.95	--	33.05	0.00	1,089.90	510	96	<120	1,200	16	<2.5	<7.5	<50	--	<50	--	--	--	<0.99	--
MW-19	1/12/05	1,122.95	--	34.32	0.00	1,088.63	760	130	<96	910	16	<2.5	<15	--	--	--	--	--	--	<0.99	--
MW-19	5/4/05	1,122.95	--	35.36	0.00	1,087.59	890	550	170	1,200	16	2.9	<7.5	<13	--	<13	--	--	--	<0.87	--
MW-19	7/13/05	1,122.95	--	34.29	0.00	1,088.66	720	610	<100	400	11	0.70	4.5	<10	--	<10	--	--	--	<0.87	--
MW-19	10/27/05	1,122.95	--	32.78	0.00	1,090.17	1,100	500	<100	1,300	20	<5.0	<15	<25	--	<25	--	--	--	<0.87	--
MW-19	3/14/06	1,122.95	--	32.47	0.00	1,090.48	1,300	210	<96	1,400	22	<5.0	<15	--	--	--	--	--	--	--	--
MW-19	5/22/06	1,122.95	--	32.85	0.00	1,090.10	1,000	510	<100	980	13	<2.5	<7.5	--	--	--	--	--	--	--	--
MW-19	10/3/06	1,122.95	--	30.12	0.00	1,092.83	1,900	2,000	<100	1,300	16	4.30	8.20	--	--	--	--	--	--	--	--
MW-19	5/23/07	1,122.95	--	28.48	0.00	1,094.47	4,400	44,000	<2,000	640	14	7.30	<25	--	--	--	--	--	--	--	--
MW-19	11/5/07	1,122.95	28.65	29.20	0.55	1,094.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	5/15/08	1,122.95	--	32.98	0.00	1,089.97	1,800	150,000	<9,400	740	13	3.9	11	--	--	--	--	--	--	--	--
MW-19	5/18-19/09	1,122.95	34.47	34.84	0.37	1,088.41	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL				--	--	--	--	--	--	--	--	--	--	--
MW-19	7/30/09 ⁶	1,122.95	33.59	33.94	0.35	1,089.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	8/28/08 ⁶	1,122.95	33.39	33.39	0.01	1,089.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	10/02/09 ⁶	1,122.95	32.71	32.72	0.01	1,090.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	11/10/09 ⁶	1,122.95	--	32.58	0.00	1,090.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	12/15/09 ⁶	1,122.95	--	32.88	0.00	1,090.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	1/22/10 ⁶	1,122.95	--	33.33	0.00	1,089.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	3/5/10 ⁶	1,122.95	--	34.05	0.00	1,088.90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	4/12/10 ⁶	1,122.95	--	34.32	0.00	1,088.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	5/18-20/10 ⁶	1,122.95	--	33.93	0.00	1,089.02	17,000	250,000	<14,000	170	18	35	93	--	--	--	--	--	--	--	--
MW-19	7/6/10 ⁶	1,122.95	--	31.86	0.00	1,091.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	8/23/10 ⁶	1,122.95	--	30.15	0.00	1,092.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	10/13/10 ⁶	1,122.95	29.20	29.30	0.10	1,093.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	11/16/10 ⁶	1,122.95	29.77	29.78	0.01	1,093.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	1/11/11 ⁶	1,122.95	NOT ACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	2/11/11 ⁶	1,122.95	NOT ACCESSIBLE		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	5/5/11 ⁶	1,122.95	32.31	32.35	0.04	1,090.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 6
Groundwater Monitoring Data and Analytical Results¹
Chelan Chevron Site
Chelan, Washington
Concentrations reported in µg/L

Well ID	Date	TOC ²	DTP	DTW	LNAPLT	GWE ³	GRO	DRO ¹⁰	HRO ¹⁰	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	EDB	EDC	PCE	TCE	Vinyl Chloride	Dissolved Lead	Total Lead
		(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	800/1,000	500	500	5	1,000	700	1,000	20	0.01	5	5	5	0.2	15	15
MW-19	6/8/11 ⁶	1,122.95	31.70	31.84	0.14	1,091.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	7/11/11	1,122.95	30.54	30.58	0.04	1,092.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	8/15/11	1,122.95	--	29.81	0.00	1,093.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	9/9/11 ⁶	1,122.95	29.50	29.55	0.05	1,093.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	10/12/11	1,122.95	--	29.50	0.00	1,093.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	11/29/11	1,122.95	33.20	33.50	0.30	1,089.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	12/21/11	1,122.95	30.00	30.20	0.20	1,092.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	1/28/12	1,122.95	29.93	30.11	0.18	1,092.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	2/24/12	1,122.95	32.10	32.42	0.32	1,090.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	3/20/12	1,122.95	32.55	32.70	0.15	1,090.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	4/21/12	1,122.95	29.65	29.90	0.25	1,093.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	5/21/12	1,122.95	33.05	33.35	0.30	1,089.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	6/25/12	1,122.95	33.64	33.69	0.05	1,089.30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	7/20/12	1,122.95	31.94	32.07	0.13	1,090.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	8/24/12	1,122.95	--	30.82	0.00	1,092.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	11/30/12	1,122.95	--	30.10	0.00	1,092.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	1/18/13	1,122.95	--	29.96	0.00	1,092.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	2/19-20/13	1,122.95	31.39	31.48	0.09	1,091.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	3/31/13	1,122.95	31.42	31.51	0.09	1,091.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	4/28/13	1,122.95	32.05	32.26	0.21	1,090.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	5/13/13	1,122.95	31.97	32.22	0.25	1,090.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	6/29/13	1,122.95	33.43	33.91	0.48	1,089.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	7/30/13	1,122.95	33.53	34.02	0.49	1,089.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	8/12/13	1,122.95	--	29.57	0.00	1,093.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	10/29/13	1,122.95	33.66	34.01	0.35	1,089.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	11/26/13	1,122.95	29.81	29.86	0.05	1,093.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	12/29/13	1,122.95	31.77	31.99	0.22	1,091.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	1/27/14	1,122.95	32.68	33.07	0.39	1,090.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	2/20/14	1,122.95	32.20	32.26	0.06	1,090.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	3/18/14	1,122.95	30.00	30.44	0.44	1,092.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	4/14/14	1,122.95	29.90	30.31	0.41	1,092.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	5/5/14	1,122.95	31.92	31.98	0.06	1,091.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	6/17/14	1,122.95	33.66	34.14	0.48	1,089.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	7/14/14	1,122.95	33.71	33.93	0.22	1,089.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	8/5/14	1,122.95	32.18	32.21	0.03	1,090.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	9/22/14	1,122.95	29.59	29.62	0.03	1,093.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	10/13/14	1,122.95	33.70	34.11	0.41	1,089.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	11/13/14	1,122.95	33.79	34.03	0.24	1,089.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	12/23/14	1,122.95	29.97	30.18	0.21	1,092.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	1/18-19/15	1,122.95	--	34.63	0.00	1,088.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	2/10/15	1,122.95	29.89	29.96	0.07	1,093.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	6/19/15	1,122.95	31.73	31.77	0.04	1,091.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	9/21/15	1,122.95	--	30.17	0.00	1,092.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	12/9/15	1,122.95	--	20.60	0.00	1,102.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	3/14/16	1,122.95	--	25.58	0.00	1,097.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	6/22/16	1,122.95	--	25.19	0.00	1,097.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	9/11/16	1,122.95	--	23.96	0.00	1,098.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	3/19/17	1,122.95	--	22.88	0.00	1,100.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	6/19/17	1,122.95	--	21.74	0.00	1,101.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	10/16/17	1,122.95	--	22.18	0.00	1,100.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	12/3/17	1,122.95	--	23.22	0.00	1,099.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	3/18/18	1,122.95	--	20.79	0.00	1,102.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	6/24/18	1,122.95	21.57	21.64	0.07	1,101.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	9/11/18	1,122.95	20.04	22.55	2.51	1,102.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	12/4/18	1,122.95	24.62	25.97	1.35	1,098.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	4/30/19	1,122.95	27.95	29.72	1.77	1,094.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 6
Groundwater Monitoring Data and Analytical Results¹
Chelan Chevron Site
Chelan, Washington
Concentrations reported in µg/L

Well ID	Date	TOC ²	DTP	DTW	LNAPLT	GWE ³	GRO	DRO ¹⁰	HRO ¹⁰	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	EDB	EDC	PCE	TCE	Vinyl Chloride	Dissolved Lead	Total Lead
		(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	800/1,000	500	500	5	1,000	700	1,000	20	0.01	5	5	5	0.2	15	15
MTCA Method A Cleanup Levels																					
MW-19	6/10/19	1,122.95	27.40	28.95	1.55	1,095.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	9/22/19	1,122.95	23.89	24.77	0.88	1,098.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	11/6/19	1,122.95	24.26	25.31	1.05	1,098.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	7/28/20	1,122.95	27.16	28.73	1.57	1,095.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	12/4/20	1,122.95	28.68	30.80	2.12	1,093.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	4/16/21	1,122.95	30.30	32.11	1.81	1,092.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	10/15/21	1,122.95	28.14	29.73	1.59	1,094.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	4/27/22	1,122.95	30.65	32.89	2.24	1,091.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	8/31/22	1,122.95	24.57	25.99	1.42	1,098.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	5/18/23	1,122.95	22.59	23.33	0.74	1,100.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	8/22/23	1,122.95	20.61	20.94	0.33	1,102.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	11/4/23	1,122.95	20.51	20.80	0.29	1,102.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-20	6/14/02	1,118.94	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-20	7/16/02	1,118.94	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-20	11/11/02	1,118.94	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-20	2/24/03	1,118.94	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-20	4/1-4/03	1,118.94	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-20	6/23/03	1,118.94	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-20	7/15/03	1,118.94	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-20	10/23/03	1,118.94	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-20	1/14/04	1,118.94	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-20	4/13/04	1,118.94	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-20	7/14/04	1,118.94	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-20	10/13/04	1,118.94	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-20	1/12/05	1,118.94	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-20	5/2/05	1,118.94	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-20	7/13/05	1,118.94	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-20	10/26/05	1,118.94	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-20	5/22/06	1,118.94	--	44.61	0.00	1,074.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-20	10/2/06	1,118.94	--	44.70	0.00	1,074.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-20	5/23/07	1,118.94	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-20	11/6/07	1,118.94	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-20	5/18-19/09	1,118.94	--	44.56	0.00	-- ⁹	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-20	ABANDONED																				
MW-21	3/6/03	1,123.67	--	31.67	0.00	1,092.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-21	4/1-4/03	1,123.67	--	32.03	0.00	1,091.64	3,300	1,000	290	2,300	47	20	83	<50/<2 ⁷	--	<50/<2 ⁷	--	--	--	<1.1	--
MW-21	7/1/03	1,123.67	--	32.89	0.00	1,090.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-21	7/15/03	1,123.67	--	32.88	0.00	1,090.79	1,300	520	<250	2,300	48	<10	49	<50	--	<50	--	--	--	<1.2	2.5
MW-21	8/29/03	1,123.67	--	32.56	0.00	1,091.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-21	10/24/03	1,123.67	--	32.50	0.00	1,091.17	870	790	120	1,200	28	3.7	43	<0.5 ¹²	--	<0.5 ¹²	--	--	--	<1.2	--
MW-21	1/13/04	1,123.67	--	32.65	0.00	1,091.02	2,300	810	180	1,900	41	13	79	<20	--	<20	--	--	--	<1.2	--
MW-21	4/14/04	1,123.67	--	32.53	0.00	1,091.14	2,300	730	110	3,000	56	22	92	<200	--	<200	--	--	--	<1.2	--
MW-21	7/13/04	1,123.67	--	32.45	0.00	1,091.22	2,000	850	180	3,000	51	24	95	<100	--	<100	--	--	--	<0.99	--
MW-21	10/13/04	1,123.67	--	31.30	0.00	1,092.37	1,300	150	160	3,500	47	36	53	<25	--	<25	--	--	--	<0.99	--
MW-21	1/12/05	1,123.67	--	32.17	0.00	1,091.50	2,500	330	<100	3,000	50	27	120	--	--	--	--	--	--	<0.99	--
MW-21	5/4/05	1,123.67	--	33.73	0.00	1,089.94	1,200	630	210	1,400	26	11	35	<25	--	<25	--	--	--	<0.87	--
MW-21	7/14/05	1,123.67	--	31.87	0.00	1,091.80	1,400	650	<100	1,600	34	15	47	<20	--	<20	--	--	--	<0.87	--
MW-21	10/27/05	1,123.67	--	31.79	0.00	1,091.88	2,300	480	120	3,500	53	39	83	--	--	--	--	--	--	<0.87	--
MW-21	3/14/06	1,123.67	--	30.53	0.00	1,093.14	3,200	630	<100	3,700	72	81	130	--	--	--	--	--	--	--	--
MW-21	5/22/06	1,123.67	--	30.67	0.00	1,093.00	3,700	440	<110	3,000	69	85	180	--	--	--	--	--	--	--	--
MW-21	10/3/06	1,123.67	--	28.64	0.00	1,095.03	<95	720	3,900	3,500	69	150	170	--	--	--	--	--	--	--	--
MW-21	5/23/07	1,123.67	--	28.08	0.00	1,095.59	3,600	1,100	450	2,900	65	150	130	--	--	--	--	--	--	--	--
MW-21	11/6/07	1,123.67	--	26.76	0.00	1,096.91	6,600	910	400	5,300	130	280	250	--	--	--	--	--	--	--	--
MW-21	5/14/08	1,123.67	--	31.23	0.00	1,092.44	2,800	370	160	1,800	43	58	95	--	--	--	--	--	--	--	--
MW-21	5/18-19/09	1,123.67	--	32.90	0.00	1,090.77	1,700	400	300	1,700	33	22	34	--	--	--	--	--	--	--	--
MW-21	5/18-19/09 (D)	1,123.67	--	--	--	--	1,800	720	650	1,700	35	25	40	--	--	--	--	--	--	--	--

Table 6
Groundwater Monitoring Data and Analytical Results¹
Chelan Chevron Site
Chelan, Washington
Concentrations reported in µg/L

Well ID	Date	TOC ²	DTP	DTW	LNAPLT	GWE ³	GRO	DRO ¹⁰	HRO ¹⁰	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	EDB	EDC	PCE	TCE	Vinyl Chloride	Dissolved Lead	Total Lead
		(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	800/1,000	500	500	5	1,000	700	1,000	20	0.01	5	5	5	0.2	15	15
MTCA Method A Cleanup Levels																					
MW-21	5/18-20/10	1,123.67	--	32.46	0.00	1,091.21	2,500	400	100	1,300	35	27	26	--	--	--	--	--	--	--	--
MW-21	5/5/11	1,123.67	--	30.83	0.00	1,092.84	3,600	800	1,700	1,600	48	82	73	--	--	--	--	--	--	--	--
MW-21	5/22/12	1,123.67	--	31.65	0.00	1,092.02	2,000	690	2,200	1,300	33	32	27	--	--	--	--	--	--	--	--
MW-21	5/14/13	1,123.67	--	31.12	0.00	1,092.55	2,000	54	<67	1,400	37	36	39	--	--	--	--	--	--	--	--
MW-21	5/5/14	1,123.67	--	32.79	0.00	1,090.88	890	54	190	650	11	<0.5	6.9	--	--	--	--	--	--	--	--
MW-21	6/18/15	1,123.67	--	30.08	0.00	1,093.59	2,400	55/770	<67/420	1,100	24	15	20	--	--	--	--	--	--	--	--
MW-21	9/21/15	1,123.67	--	28.66	0.00	1,095.01	3,000	120/990	170/600	1,100	31	16	24	--	--	--	--	--	--	--	--
MW-21	12/9/15	1,123.67	--	28.55	0.00	1,095.12	4,500	140/950	--/910	1,700	51	39	56	--	--	--	--	--	--	--	--
MW-21	3/14/16	1,123.67	24.38	25.61	1.23	1,099.04	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--	--	--	--	--	--	--	--	--	--
MW-21	6/22/16	1,123.67	23.59	30.19	6.60	1,098.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-21	9/11/16	1,123.67	21.69	36.55	14.86	1,099.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-21	3/19/17	1,123.67	20.85	34.81	13.96	1,100.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-21	6/19/17	1,123.67	19.59	34.69	15.10	1,101.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-21	10/16/17	1,123.67	19.42	34.71	15.29	1,101.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-21	12/3/17	1,123.67	22.12	24.65	2.53	1,101.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-21	3/18/18	1,123.67	18.51	34.70	16.19	1,101.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-21	6/24/18	1,123.67	20.76	27.43	6.67	1,101.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-21	9/11/18	1,123.67	20.66	31.23	10.57	1,100.90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-21	12/4/18	1,123.67	25.09	30.66	5.57	1,097.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-21	4/30/19	1,123.67	27.52	29.22	1.70	1,095.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-21	6/10/19	1,123.67	26.10	34.80	8.70	1,095.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-21	9/22/19	1,123.67	22.94	35.47	12.53	1,098.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-21	11/6/19	1,123.67	23.64	36.03	12.39	1,097.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-21	7/28/20	1,123.67	25.90	35.52	9.62	1,095.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-21	12/4/20	1,123.67	25.69	36.55	10.86	1,095.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-21	4/16/21	1,123.67	28.61	36.58	7.97	1,093.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-21	10/15/21	1,123.67	27.12	34.74	7.62	1,095.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-21	4/27/22	1,123.67	29.25	36.02	6.77	1,093.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-21	8/31/22	1,123.67	25.67	31.71	6.04	1,096.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-21	5/18/23	1,123.67	22.21	34.60	12.39	1,098.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-21	8/22/23	1,123.67	22.73	24.34	1.61	1,100.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-21	11/3/23	1,123.67	21.71	24.07	2.36	1,101.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MTCA Method A Cleanup Levels																					
MW-22	3/6/03	1,122.74	31.40	31.41	0.01	1,091.34	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL					--	--	--	--	--	--	--	--	--	--
MW-22	4/1-4/03	1,122.74	31.55	32.05	0.50	1,091.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	5/14/03	1,122.74	31.94	32.90	0.96	1,090.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	6/14/03	1,122.74	31.99	32.60	0.61	1,090.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	6/30/03	1,122.74	31.80	33.20	1.40	1,090.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	7/15/03	1,122.74	31.72	33.30	1.58	1,090.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	8/8/03	1,122.74	32.14	32.82	0.68	1,090.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	8/17/03	1,122.74	32.87	33.46	0.59	1,089.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	9/5/03	1,122.74	30.54	32.03	1.49	1,091.90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	9/17/03	1,122.74	31.15	33.00	1.85	1,091.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	10/4/03	1,122.74	31.20	32.11	0.91	1,091.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	10/23/03	1,122.74	31.32	32.19	0.87	1,091.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	11/6/03	1,122.74	31.40	32.05	0.65	1,091.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	11/25/03	1,122.74	31.60	32.02	0.04	1,090.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	1/13/04	1,122.74	31.91	32.52	0.61	1,090.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	2/18/04	1,122.74	32.01	32.57	0.56	1,090.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	3/16/04	1,122.74	32.24	32.87	0.63	1,090.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	4/13/04	1,122.74	32.17	32.73	0.56	1,090.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	5/11/04	1,122.74	32.53	33.04	0.51	1,090.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	6/15/04	1,122.74	32.50	33.00	0.50	1,090.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	7/12/04	1,122.74	31.77	32.23	0.46	1,090.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	8/17/04	1,122.74	31.44	31.84	0.40	1,091.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	9/15/04 ⁶	1,122.74	32.35	32.44	0.09	1,090.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	10/13/04 ⁶	1,122.74	--	31.12	0.00	1,091.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	11/17/04	1,122.74	31.15	31.16	0.01	1,091.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 6
Groundwater Monitoring Data and Analytical Results¹
Chelan Chevron Site
Chelan, Washington
Concentrations reported in µg/L

Well ID	Date	TOC ²	DTP	DTW	LNAPLT	GWE ³	GRO	DRO ¹⁰	HRO ¹⁰	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	EDB	EDC	PCE	TCE	Vinyl Chloride	Dissolved Lead	Total Lead
		(ft.)	(ft.)	(ft.)	(ft.)	(ft.)															
MTCA Method A Cleanup Levels							800/1,000	500	500	5	1,000	700	1,000	20	0.01	5	5	5	0.2	15	15
MW-22	1/13/05	1,122.74	32.26	32.27	0.01	1,090.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	2/18/05	1,122.74	32.55	32.60	0.05	1,090.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	3/29/05	1,122.74	33.32	33.72	0.40	1,089.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	5/2-5/05	1,122.74	33.62	34.12	0.50	1,089.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	6/2/05	1,122.74	33.14	33.28	0.14	1,089.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	7/13/05	1,122.74	32.16	32.35	0.19	1,090.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	9/15/05	1,122.74	31.37	31.56	0.19	1,091.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	10/26/05	1,122.74	31.19	31.22	0.03	1,091.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	1/18/06	1,122.74	31.62	31.68	0.06	1,091.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	2/27/06 ⁶	1,122.74	--	30.40	0.00	1,092.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	3/13/06 ⁶	1,122.74	--	30.63	0.00	1,092.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	4/19/06 ⁶	1,122.74	--	30.97	0.00	1,091.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	5/22/06 ⁶	1,122.74	--	30.74	0.00	1,092.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	10/2/06 ⁶	1,122.74	--	28.14	0.00	1,094.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	12/5/06	1,122.74	--	27.47	0.00	1,095.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	5/22/07	1,122.74	--	26.70	0.00	1,096.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	7/19/07	1,122.74	--	25.61	0.00	1,097.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	11/5/07	1,122.74	--	26.78	0.00	1,095.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	2/12/08	1,122.74	--	29.18	0.00	1,093.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	5/13/08	1,122.74	--	30.59	0.00	1,092.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	10/28/08	1,122.74	--	28.14	0.00	1,094.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	2/3-4/09	1,122.74	20.96	20.97	0.01	1,101.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	5/18-19/09	1,122.74	32.01	32.12	0.11	1,090.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	6/29/09	1,122.74	31.73	31.83	0.10	1,090.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	7/30/09	1,122.74	31.42	31.54	0.12	1,091.30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	8/28/09	1,122.74	31.00	31.13	0.13	1,091.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	10/2/09	1,122.74	30.43	30.51	0.08	1,092.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	11/10/09	1,122.74	30.32	30.40	0.08	1,092.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	12/15/09	1,122.74	30.59	30.65	0.06	1,092.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	1/22/10	1,122.74	--	30.95	0.00	1,091.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	3/5/10	1,122.74	31.51	31.54	0.03	1,091.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	4/12/10	1,122.74	31.63	31.68	0.05	1,091.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	5/18-20/10	1,122.74	31.26	31.32	0.06	1,091.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	7/6/10	1,122.74	29.65	29.73	0.08	1,093.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	8/23/10	1,122.74	27.70	27.72	0.02	1,095.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	11/16/10	1,122.74	--	27.02	0.00	1,095.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	2/11/11	1,122.74	--	28.14	0.00	1,094.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	5/5/11	1,122.74	--	29.43	0.00	1,093.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	8/15/11	1,122.74	--	27.27	0.00	1,095.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	11/29/11	1,122.74	32.15	32.20	0.05	1,090.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	2/24/12	1,122.74	--	22.15	0.00	1,100.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	3/20/12	1,122.74	29.35	29.40	0.05	1,093.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	5/21/12	1,122.74	29.75	29.95	0.20	1,092.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	8/24/12	1,122.74	27.65	27.70	0.05	1,095.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	11/30/12	1,122.74	26.86	26.88	0.02	1,095.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	2/19-20/13	1,122.74	--	28.42	0.00	1,094.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	3/31/13	1,122.74	--	28.51	0.00	1,094.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	5/13/13	1,122.74	29.10	29.12	0.02	1,093.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	12/29/13	1,122.74	--	28.89	0.00	1,093.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	2/19/14	1,122.74	31.48	31.51	0.03	1,091.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	4/14/14	1,122.74	31.57	31.59	0.02	1,091.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	5/5/14	1,122.74	29.74	29.77	0.03	1,092.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	8/5/14	1,122.74	29.74	29.76	0.02	1,093.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	11/12/14	1,122.74	--	27.11	0.00	1,095.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	2/9/15	1,122.74	30.91	30.93	0.02	1,091.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	6/18/15	1,122.74	29.63	29.65	0.02	1,093.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	9/21/15	1,122.74	27.31	27.36	0.05	1,095.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	12/9/15	1,122.74	--	27.47	0.00	1,095.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 6
Groundwater Monitoring Data and Analytical Results¹
Chelan Chevron Site
Chelan, Washington
Concentrations reported in µg/L

Well ID	Date	TOC ²	DTP	DTW	LNAPLT	GWE ³	GRO	DRO ¹⁰	HRO ¹⁰	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	EDB	EDC	PCE	TCE	Vinyl Chloride	Dissolved Lead	Total Lead
		(ft.)	(ft.)	(ft.)	(ft.)	(ft.)															
MTCA Method A Cleanup Levels							800/1,000	500	500	5	1,000	700	1,000	20	0.01	5	5	5	0.2	15	15
MW-22	3/14/16	1,122.74	--	23.80	0.00	1,098.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	6/22/16	1,122.74	--	23.83	0.00	1,098.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	9/11/16	1,122.74	--	22.62	0.00	1,100.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	3/19/17	1,122.74	--	22.32	0.00	1,100.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	6/19/17	1,122.74	--	20.39	0.00	1,102.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	10/16/17	1,122.74	--	21.16	0.00	1,101.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	12/3/17	1,122.74	--	22.29	0.00	1,100.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	3/18/18	1,122.74	--	20.85	0.00	1,101.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	6/24/18	1,122.74	--	21.19	0.00	1,101.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	9/11/18	1,122.74	--	21.42	0.00	1,101.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	12/4/18	1,122.74	--	24.61	0.00	1,098.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	4/30/19	1,122.74	--	26.21	0.02	1,096.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	6/10/19	1,122.74	--	25.99	0.00	1,096.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	9/22/19	1,122.74	--	23.23	0.00	1,099.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	11/6/19	1,122.74	--	23.58	0.00	1,099.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	7/28/20	1,122.74	25.28	25.31	0.03	1,097.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	12/4/20	1,122.74	26.30	26.35	0.05	1,096.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	4/6/21	1,122.74	27.82	27.91	0.09	1,094.90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	10/15/21	1,122.74	26.11	26.28	0.17	1,096.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	4/27/22	1,122.74	27.97	28.29	0.32	1,094.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	8/31/22	1,122.74	23.59	23.67	0.08	1,099.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	5/18/23	1,122.74	--	22.52	0.00	1,100.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	8/22/23	1,122.74	--	20.78	0.00	1,101.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-22	11/4/23	1,122.74	--	20.24	0.00	1,102.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-23	3/6/03	1,121.22	--	34.42	0.00	1,086.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-23	4/1-4/03	1,121.22	--	35.15	0.00	1,086.07	<50	<250	270	<0.5	<0.5	<0.5	<5.0	--	--	--	--	--	--	--	--
MW-23	7/1/03	1,121.22	--	33.26	0.00	1,087.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-23	7/15/03	1,121.22	--	32.45	0.00	1,088.77	<50	<250	<250	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-23	10/24/03	1,121.22	--	31.18	0.00	1,090.04	<50	<76	<94	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-23	1/14/04	1,121.22	--	33.50	0.00	1,087.72	<50	<400	<500	<0.2	<0.2	<0.2	<0.6	--	--	--	--	--	--	--	--
MW-23	4/14/04	1,121.22	--	35.56	0.00	1,085.66	<48	<77	<96	<0.5	<0.5	<0.5	<1.5	<2.5	--	<2.5	--	--	--	--	--
MW-23	7/13/04	1,121.22	--	32.05	0.00	1,089.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-23	10/13/04	1,121.22	--	30.27	0.00	1,090.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-23	1/12/05	1,121.22	--	34.08	0.00	1,087.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-23	5/4/05	1,121.22	--	35.16	0.00	1,086.06	<48	<79	<99	<0.5	<0.5	<0.5	<1.5	<2.5	--	<2.5	--	--	--	<0.87	--
MW-23	7/13/05	1,121.22	--	30.63	0.00	1,090.59	<48	<82	<100	<0.5	<0.5	<0.5	<1.5	<2.5	--	<2.5	--	--	--	<0.87	--
MW-23	10/26/05	1,121.22	--	28.72	0.00	1,092.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-23	3/14/06	1,121.22	--	32.18	0.00	1,089.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-23	5/22/06	1,121.22	--	22.65	0.00	1,098.57	<48	<87	<110	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-23	5/24/07	1,121.22	--	21.94	0.00	1,099.28	<50	<82	<100	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-23	11/6/07	1,121.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-23	5/13/08	1,121.22	--	34.21	0.00	1,087.01	<50	<78	<98	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-23	5/18-19/09	1,121.22	--	34.52	0.00	1,086.70	<50	<29	<67	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-23	5/18-20/10	1,121.22	--	32.35	0.00	1,088.87	<50	43	<69	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-23	5/5/11	1,121.22	--	32.75	0.00	1,088.47	<50	<30	<71	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-23	5/22/12	1,121.22	--	31.80	0.00	1,089.42	<50	<30	<71	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-23	5/15/13	1,121.22	--	31.14	0.00	1,090.08	<50	<29	<67	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-23	5/5/14	1,121.22	--	33.61	0.00	1,087.61	<50	<30	<69	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-23	6/18/15	1,121.22	--	29.20	0.00	1,092.02	<50	<30/<30	<71/<71	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-23	9/21/15	1,121.22	--	27.50	0.00	1,093.72	<50	85/140	<66/<66	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-23	12/9/15	1,121.22	--	29.13	0.00	1,092.09	<50	<29/<29	<67/<67	<0.2	<0.2	<0.2	<0.2	--	--	--	--	--	--	--	--
MW-23	3/14-15/16	1,121.22	--	23.68	0.00	1,097.54	<50	<29/<29	<67/<67	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-23	6/22/16	1,121.22	--	23.65	0.00	1,097.57	<50	<29/<29	<68/<68	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-23	9/11-12/16	1,121.22	--	22.30	0.00	1,098.92	<50	<29/<29	<67/<67	<0.5	<0.5	<0.5	<0.5	--	<0.0094	<0.5	--	--	--	--	--
MW-23	3/19/17	1,121.22	--	24.75	0.00	1,096.47	<50	<29/<29	<67/<67	<0.5	<0.5	<0.5	<0.5	--	<0.0097	<0.5	--	--	--	<6.2	8.1
MW-23	6/19/17	1,121.22	--	20.73	0.00	1,100.49	<50	<28/<28	<66/<66	<0.5	<0.5	<0.5	<0.5	--	<0.0097	<0.5	--	--	--	<6.0	<6.0
MW-23	10/16/17	1,121.22	--	22.10	0.00	1,099.12	<50	<28/<28	<66/<66	<0.5	<0.5	<0.5	<0.5	--	<0.0097	<0.5	--	--	--	21.4	44.8

Table 6
Groundwater Monitoring Data and Analytical Results¹
Chelan Chevron Site
Chelan, Washington
Concentrations reported in µg/L

Well ID	Date	TOC ²	DTP	DTW	LNAPLT	GWE ³	GRO	DRO ¹⁰	HRO ¹⁰	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	EDB	EDC	PCE	TCE	Vinyl Chloride	Dissolved Lead	Total Lead
		(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	800/1,000	500	500	5	1,000	700	1,000	20	0.01	5	5	5	0.2	15	15
MW-23	12/3/17	1,121.22	--	24.11	0.00	1,097.11	<50	<29/<29	<67/<67	<0.5	<0.5	<0.5	<0.5	--	<0.0095	<0.5	--	--	--	<6.0	23.9
MW-23	3/19/18	1,121.22	--	23.40	0.00	1,097.82	<250	<95/<95	<240/<240	<1	<1	<1	<1	--	<0.028	<1	--	--	--	--	41.8
MW-23	6/26/18	1,121.22	--	21.64	0.00	1,099.58	<250	<94/<94	<240/<240	<1	<1	<1	<1	--	<0.029	<1	--	--	--	--	24.0
MW-23	9/11/18	1,121.22	--	21.71	0.00	1,099.51	<250	<96/<96	<240/<240	<1	<1	<1	<1	--	<0.031	<1	--	--	--	--	27.6
MW-23	12/4/18	1,121.22	--	24.94	0.00	1,096.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-23	4/30/19	1,121.22	--	30.50	0.00	1,090.72	<250	<110/62	<270/<270	<1	<1	<1	<5	--	<0.032	<1	--	--	--	--	373
MW-23	6/10/19	1,121.22	--	27.74	0.00	1,093.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-23	9/23/19	1,121.22	--	22.74	0.00	1,098.48	<250	<97/<97	<240/<240	<1	<1	<1	<6	--	<0.029	<1	--	--	--	--	29.4
MW-23	11/6/19	1,121.22	--	24.09	0.00	1,097.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-23	7/29/20	1,121.22	--	25.95	0.00	1,095.27	153	<200/<200	<250/<250	<1	<1	<1	<3	--	<0.020	<1	--	--	--	3.51	<30
MW-23	12/4/20	1,121.22	--	28.20	0.00	1,093.02	38.2	<200/<200	<250/<250	<1	<1	<1	<3	--	<0.020	<1	--	--	--	<6	7.99
MW-23	4/16/21	1,121.22	--	32.00	0.00	1,089.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-23	10/15/21	1,121.22	--	26.15	0.00	1,095.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-23	4/27/22	1,121.22	--	30.08	0.00	1,091.14	<100	<200	<250	<1	<1	<1	<3	--	<0.00552	<1	--	--	--	--	<6.00
MW-23	8/31/22	1,121.22	--	19.95	0.00	1,101.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-23	5/16/23	1,121.22	--	21.38	0.00	1,099.84	<100	<200	<250	<1	<1	<1	<3	--	<0.00574	<1	--	--	--	--	18.2
MW-23	8/22/23	1,121.22	--	18.14	0.00	1,103.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-23	11/3/23	1,121.22	--	18.01	0.00	1,103.21	<100	<200	<250	<1	<1	<1	<3	--	<0.00600	<1	--	--	--	--	13.8
MW-24	3/5/03	1,123.05	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24	4/1-4/03	1,123.05	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24	6/23/03	1,123.05	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24	7/15/03	1,123.05	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24	10/23/03	1,123.05	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24	1/14/04	1,123.05	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24	4/13/04	1,123.05	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24	7/14/04	1,123.05	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24	10/13/04	1,123.05	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24	1/12/05	1,123.05	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24	5/2/05	1,123.05	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24	7/13/05	1,123.05	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24	10/26/05	1,123.05	--	53.65	0.00	1,069.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24	5/22/06	1,123.05	--	33.12	0.00	1,089.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24	10/2/06	1,123.05	--	53.32	0.00	1,069.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24	5/22/07	1,123.05	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24	11/6/07	1,123.05	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24	5/13/08	1,123.05	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24	5/18-19/09	1,123.05	--	53.20	0.00	1,069.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-24	ABANDONED																				
MW-25	3/6/03	1,123.95	40.78	42.60	1.82	1,082.81	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL														
MW-25	4/4/03	1,123.95	40.55	47.25	6.70	1,082.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	5/14/03	1,123.95	40.24	49.10	8.86	1,081.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	6/14/03	1,123.95	40.26	49.06	8.80	1,081.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	6/26/03	1,123.95	40.16	49.21	9.05	1,081.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	6/30/03	1,123.95	39.96	49.23	9.27	1,082.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	7/15/03	1,123.95	39.99	49.25	9.26	1,082.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	8/8/03	1,123.95	40.12	49.22	9.10	1,082.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	8/17/03	1,123.95	41.74	50.50	8.76	1,080.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	9/5/03	1,123.95	40.00	47.92	7.92	1,082.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	9/17/03	1,123.95	40.68	46.50	5.82	1,082.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	10/23/03	1,123.95	41.22	43.95	2.73	1,082.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	11/6/03	1,123.95	41.80	42.36	0.56	1,082.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	11/25/03	1,123.95	41.75	42.02	0.27	1,082.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	1/13/04	1,123.95	42.19	42.70	0.51	1,081.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	2/18/04	1,123.95	41.98	42.40	0.42	1,081.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	3/16/04	1,123.95	42.41	42.94	0.53	1,081.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	4/13/04	1,123.95	42.30	42.75	0.45	1,081.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 6
Groundwater Monitoring Data and Analytical Results¹
Chelan Chevron Site
Chelan, Washington
Concentrations reported in µg/L

Well ID	Date	TOC ²	DTP	DTW	LNAPLT	GWE ³	GRO	DRO ¹⁰	HRO ¹⁰	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	EDB	EDC	PCE	TCE	Vinyl Chloride	Dissolved Lead	Total Lead
		(ft.)	(ft.)	(ft.)	(ft.)	(ft.)															
MTCA Method A Cleanup Levels																					
							800/1,000	500	500	5	1,000	700	1,000	20	0.01	5	5	5	0.2	15	15
MW-25	5/11/04	1,123.95	42.46	42.83	0.37	1,081.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	6/15/04	1,123.95	42.85	43.30	0.45	1,081.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	7/12/04	1,123.95	42.48	42.80	0.32	1,081.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	8/17/04	1,123.95	41.99	42.33	0.34	1,081.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	9/15/04 ⁶	1,123.95	41.86	41.96	0.10	1,082.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	10/13/04 ⁶	1,123.95	41.80	41.88	0.08	1,082.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	11/17/04	1,123.95	41.65	41.79	0.14	1,082.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	1/13/05	1,123.95	42.52	42.90	0.38	1,081.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	2/18/05	1,123.95	42.52	42.71	0.19	1,081.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	3/29/05	1,123.95	42.96	43.12	0.16	1,080.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	5/5/05	1,123.95	43.33	43.52	0.19	1,080.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	6/2/05	1,123.95	42.86	42.91	0.05	1,081.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	7/13/05 ⁶	1,123.95	--	42.51	0.00	1,081.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	9/15/05	1,123.95	41.63	41.83	0.20	1,082.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	10/26/05	1,123.95	41.46	41.54	0.08	1,082.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	1/18/06	1,123.95	41.38	41.50	0.12	1,082.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	2/27/06	1,123.95	41.00	43.90	2.90	1,082.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	3/13/06	1,123.95	40.85	40.92	0.07	1,083.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	4/19/06	1,123.95	41.21	41.42	0.21	1,082.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	5/22/06 ⁶	1,123.95	--	40.84	0.00	1,083.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	10/2/06 ⁶	1,123.95	--	39.10	0.00	1,084.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	12/5/06	1,123.95	--	39.36	0.00	1,084.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	5/22/07	1,123.95	--	38.48	0.00	1,085.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	7/19/07	1,123.95	37.59	37.93	0.34	1,086.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	11/5/07	1,123.95	37.44	38.02	0.58	1,086.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	2/12/08	1,123.95	39.46	39.89	0.43	1,084.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	5/13/08	1,123.95	40.91	41.30	0.39	1,082.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	10/28/08	1,123.95	39.48	39.53	0.05	1,084.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	2/4/09	1,123.95	40.70	40.84	0.14	1,083.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	5/19/09	1,123.95	42.57	42.58	0.01	1,081.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	6/29/09	1,123.95	--	41.03	0.00	1,082.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	7/30/09	1,123.95	--	41.91	0.00	1,082.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	8/28/09	1,123.95	--	41.50	0.00	1,082.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	10/2/09	1,123.95	--	40.85	0.00	1,083.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	11/10/09	1,123.95	--	40.45	0.00	1,083.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	12/15/09	1,123.95	--	40.59	0.00	1,083.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	1/22/10	1,123.95	--	40.63	0.00	1,083.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	3/5/10	1,123.95	--	41.39	0.00	1,082.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	5/20/10	1,123.95	41.28	41.31	0.03	1,082.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	7/6/10	1,123.95	40.03	40.05	0.02	1,083.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	8/23/10	1,123.95	38.32	38.39	0.07	1,085.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	10/13/10	1,123.95	37.00	37.05	0.05	1,086.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	11/16/10	1,123.95	36.80	36.90	0.10	1,087.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	1/11/11	1,123.95	38.16	38.19	0.03	1,085.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	2/11/11	1,123.95	38.21	38.24	0.03	1,085.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	5/5/11	1,123.95	39.61	40.22	0.61	1,084.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	6/8/11	1,123.95	39.62	35.64	0.02	1,088.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	7/11/11	1,123.95	38.80	38.84	0.04	1,085.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	8/15/11	1,123.95	37.90	38.00	0.10	1,086.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	9/9/11	1,123.95	37.45	37.50	0.05	1,086.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	10/12/11	1,123.95	36.65	36.78	0.13	1,087.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	11/29/11	1,123.95	37.05	37.15	0.10	1,086.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	12/21/11	1,123.95	--	37.55	0.00	1,086.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	1/28/12	1,123.95	--	37.68	0.00	1,086.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	2/24/12	1,123.95	39.95	40.10	0.15	1,083.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	3/20/12	1,123.95	40.55	40.60	0.05	1,083.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	4/21/12	1,123.95	--	36.90	0.00	1,087.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	5/21/12	1,123.95	40.40	40.60	0.20	1,083.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 6
Groundwater Monitoring Data and Analytical Results¹
Chelan Chevron Site
Chelan, Washington
Concentrations reported in µg/L

Well ID	Date	TOC ²	DTP	DTW	LNAPLT	GWE ³	GRO	DRO ¹⁰	HRO ¹⁰	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	EDB	EDC	PCE	TCE	Vinyl Chloride	Dissolved Lead	Total Lead
		(ft.)	(ft.)	(ft.)	(ft.)	(ft.)															
		MTCA Method A Cleanup Levels					800/1,000	500	500	5	1,000	700	1,000	20	0.01	5	5	5	0.2	15	15
MW-25	6/25/12 ⁶	1,123.95	41.73	41.96	0.23	1,082.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	7/20/12 ⁶	1,123.95	39.36	39.42	0.06	1,084.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	8/24/12 ⁶	1,123.95	38.13	38.20	0.07	1,085.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	11/30/12	1,123.95	37.18	37.24	0.06	1,086.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	1/18/13	1,123.95	37.03	37.21	0.18	1,086.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	2/19-20/13	1,123.95	--	38.36	0.00	1,085.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	3/31/13	1,123.95	--	38.42	0.00	1,085.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	4/28/13	1,123.95	--	39.72	0.00	1,084.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	5/13/13	1,123.95	--	39.82	0.00	1,084.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	6/29/13	1,123.95	--	41.07	0.00	1,082.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	7/30/13	1,123.95	--	41.22	0.00	1,082.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	8/12/13	1,123.95	37.77	37.81	0.04	1,086.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	10/29/13	1,123.95	41.30	41.33	0.03	1,082.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	11/26/13	1,123.95	36.83	36.89	0.06	1,087.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	12/29/13	1,123.95	--	38.86	0.00	1,085.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	1/27/14	1,123.95	--	39.78	0.00	1,084.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	2/20/14	1,123.95	--	39.11	0.00	1,084.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	3/18/14	1,123.95	--	45.11	0.00	1,078.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	4/14/14	1,123.95	--	36.83	0.00	1,087.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	5/5/14	1,123.95	--	40.43	0.00	1,083.52	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	6/17/14	1,123.95	41.02	41.05	0.03	1,082.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	7/15/14	1,123.95	--	41.88	0.00	1,082.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	8/5/14	1,123.95	39.36	39.40	0.04	1,084.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	9/22/14	1,123.95	--	41.31	0.00	1,082.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	10/13/14	1,123.95	41.51	41.53	0.02	1,082.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	11/13/14	1,123.95	41.63	41.65	0.02	1,082.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	12/23/14	1,123.95	--	37.60	0.00	1,086.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	1/18-19/15	1,123.95	NOT ACCESSIBLE			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	2/9/15	1,123.95	--	37.77	0.00	1,086.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	6/19/15	1,123.95	41.67	41.69	0.02	1,082.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	9/21/15	1,123.95	35.64	35.70	0.06	1,088.30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	12/9/15	1,123.95	35.51	35.63	0.12	1,088.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	3/14/16	1,123.95	31.11	31.35	0.24	1,092.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	6/22/16	1,123.95	31.28	31.54	0.26	1,092.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	9/11/16	1,123.95	29.88	30.10	0.22	1,094.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	3/19/17	1,123.95	29.17	29.33	0.16	1,094.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	6/19/17	1,123.95	27.93	27.94	0.01	1,096.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	10/16/17	1,123.95	27.75	27.78	0.03	1,096.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	12/3/17	1,123.95	28.89	28.91	0.02	1,095.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	3/18/18	1,123.95	27.23	27.23	0.00	1,096.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	6/24/18	1,123.95	27.49	27.49	0.00	1,096.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	9/11/18	1,123.95	28.06	28.06	0.00	1,095.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	12/4/18	1,123.95	31.14	31.16	0.02	1,092.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	4/30/19	1,123.95	33.72	33.77	0.05	1,090.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	6/10/19	1,123.95	32.83	32.90	0.07	1,091.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	9/22/19	1,123.95	30.09	30.12	0.03	1,093.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	11/6/19	1,123.95	31.09	31.09	0.00	1,092.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	7/28/20	1,123.95	34.48	34.65	0.17	1,089.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	12/4/20	1,123.95	34.45	34.65	0.20	1,089.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	4/16/21	1,123.95	36.93	37.05	0.12	1,087.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	10/15/21	1,123.95	38.09	38.23	0.14	1,085.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	4/27/22	1,123.95	35.10	35.21	0.11	1,088.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	8/31/22	1,123.95	33.99	34.09	0.10	1,089.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	5/18/23	1,123.95	--	30.66	0.00	1,093.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	8/22/23	1,123.95	--	29.49	0.00	1,094.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-25	11/3/23	1,123.95	--	29.22	0.00	1,094.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-26	3/6/03	1,122.09	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 6
Groundwater Monitoring Data and Analytical Results¹
Chelan Chevron Site
Chelan, Washington
Concentrations reported in µg/L

Well ID	Date	TOC ² (ft.)	DTP (ft.)	DTW (ft.)	LNAPLT (ft.)	GWE ³ (ft.)	GRO	DRO ¹⁰	HRO ¹⁰	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	EDB	EDC	PCE	TCE	Vinyl Chloride	Dissolved Lead	Total Lead
MTCA Method A Cleanup Levels							800/1,000	500	500	5	1,000	700	1,000	20	0.01	5	5	5	0.2	15	15
MW-26	4/1-4/03	1,122.09	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-26	6/23/03	1,122.09	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-26	7/15/03	1,122.09	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-26	10/23/03	1,122.09	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-26	1/14/04	1,122.09	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-26	3/13/04	1,122.09	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-26	7/14/04	1,122.09	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-26	10/13/04	1,122.09	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-26	1/12/05	1,122.09	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-26	5/2/05	1,122.09	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-26	7/13/05	1,122.09	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-26	10/26/05	1,122.09	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-26	5/22/06	1,122.09	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-26	10/2/06	1,122.09	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-26	5/22/07	1,122.09	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-26	11/6/07	1,122.09	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-26	5/18-19/09	1,122.09	--	49.10	0.00	-- ⁹	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-26	ABANDONED																				
MW-27	3/6/03	1,127.82	--	32.11	0.00	1,095.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	4/1-4/03	1,127.82	--	32.36	0.00	1,095.46	<50	<250	<250	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-27	7/1/03	1,127.82	--	33.06	0.00	1,094.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	7/15/03	1,127.82	--	33.05	0.00	1,094.77	<50	<250	<250	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-27	10/24/03	1,127.82	--	32.95	0.00	1,094.87	<50	<77	<96	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-27	1/14/04	1,127.82	--	33.50	0.00	1,094.32	<50	250	<95	<0.2	<0.2	<0.2	<0.6	--	--	--	--	--	--	--	--
MW-27	4/13/04	1,127.82	--	33.73	0.00	1,094.09	<50	97	<94	1.9	<0.5	<0.5	<1.5	<2.5	--	<2.5	--	--	--	--	--
MW-27	7/12/04	1,127.82	--	33.78	0.00	1,094.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	10/13/04	1,127.82	--	31.78	0.00	1,096.04	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.99	--
MW-27	1/12/05	1,127.82	--	32.66	0.00	1,095.16	--	--	--	--	--	--	--	--	--	--	--	--	--	<0.99	--
MW-27	5/2/05	1,127.82	--	33.78	0.00	1,094.04	<48	<80	<100	<0.5	<0.5	<0.5	<1.5	<2.5	--	<2.5	--	--	--	<0.87	--
MW-27	7/13/05	1,127.82	--	33.45	0.00	1,094.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	10/27/05	1,127.82	--	32.81	0.00	1,095.01	<48	<84	<110	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	<0.87	--
MW-27	3/14/06	1,127.82	--	31.90	0.00	1,095.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	5/22/06	1,127.82	--	31.97	0.00	1,095.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	10/2/06	1,127.82	--	30.19	0.00	1,097.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	5/22/07	1,127.82	--	30.70	0.00	1,097.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	11/6/07	1,127.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	5/13/08	1,127.82	--	32.50	0.00	1,095.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	5/18-19/09	1,127.82	33.13	33.80	0.67	1,094.56	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL							--	--	--	--	--	--	--	--
MW-27	7/30/09	1,127.82	32.88	33.39	0.51	1,094.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	8/28/09	1,127.82	32.50	32.94	0.44	1,095.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	10/2/09	1,127.82	32.02	32.25	0.23	1,095.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	11/10/09	1,127.82	31.88	32.21	0.33	1,095.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	12/15/09	1,127.82	32.12	32.73	0.61	1,095.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	1/22/10	1,127.82	32.36	32.82	0.46	1,095.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	3/5/10	1,127.82	32.60	33.15	0.55	1,095.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	4/12/10	1,127.82	32.66	33.17	0.51	1,095.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	5/18-20/10	1,127.82	32.42	32.61	0.19	1,095.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	7/6/10	1,127.82	31.32	31.38	0.06	1,096.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	8/23/10	1,127.82	30.50	30.52	0.02	1,097.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	11/16/10	1,127.82	--	29.60	0.00	1,098.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	2/11/11	1,127.82	--	30.28	0.00	1,097.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	5/5/11	1,127.82	31.02	31.08	0.06	1,096.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	8/15/11	1,127.82	--	30.28	0.00	1,097.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	11/29/11	1,127.82	--	29.65	0.00	1,098.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	2/24/12	1,127.82	--	31.20	0.00	1,096.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	3/20/12	1,127.82	--	31.25	0.00	1,096.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	5/22/12	1,127.82	--	31.50	0.00	1,096.32	1,200	97,000	3,200	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--

Table 6
Groundwater Monitoring Data and Analytical Results¹
Chelan Chevron Site
Chelan, Washington
Concentrations reported in µg/L

Well ID	Date	TOC ²	DTP	DTW	LNAPLT	GWE ³	GRO	DRO ¹⁰	HRO ¹⁰	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	EDB	EDC	PCE	TCE	Vinyl Chloride	Dissolved Lead	Total Lead
		(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	800/1,000	500	500	5	1,000	700	1,000	20	0.01	5	5	5	0.2	15	15
MTCA Method A Cleanup Levels																					
MW-27	8/24/12	1,127.82	--	30.48	0.00	1,097.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	12/1/12	1,127.82	--	29.90	0.00	1,097.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	2/19-20/13	1,127.82	--	30.68	0.00	1,097.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	3/31/13	1,127.82	--	29.97	0.00	1,097.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	5/14/13	1,127.82	--	31.04	0.00	1,096.78	460	130,000	<6,800	0.6	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-27	12/28/13	1,127.82	--	32.08	0.00	1,095.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	2/19/14	1,127.82	--	30.22	0.00	1,097.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	4/15/14	1,127.82	--	31.13	0.00	1,096.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	5/5/14	1,127.82	--	31.53	0.00	1,096.29	85,000	2,600	310	190	2,900	1,300	12,000	--	--	--	--	--	--	--	--
MW-27	8/4/14	1,127.82	--	32.53	0.00	1,095.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	11/12/14	1,127.82	--	29.73	0.00	1,098.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	2/9/15	1,127.82	--	30.23	0.00	1,097.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	6/18/15	1,127.82	--	30.20	0.00	1,097.62	550	57,000/90,000	<6,600/<6,600	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-27	9/21/15	1,127.82	--	29.52	0.00	1,098.30	400	89,000/92,000	<6,600/<6,600	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-27	12/9/15	1,127.82	--	29.30	0.00	1,098.52	680	5,000/6,600	--/5,500	<0.2	<0.2	<0.2	<0.2	--	--	--	--	--	--	--	--
MW-27	3/14/16	1,127.82	23.44	35.17	11.73	1,102.03	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL														
MW-27	6/22/16	1,127.82	25.11	31.06	5.95	1,101.52	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	9/11/16	1,127.82	23.82	33.74	9.92	1,102.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	3/19/17	1,127.82	22.85	33.66	10.81	1,102.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	6/19/17	1,127.82	21.89	33.12	11.23	1,103.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	10/16/17	1,127.82	21.71	33.75	12.04	1,103.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	12/3/17	1,127.82	22.88	28.64	5.76	1,103.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	3/18/18	1,127.82	20.57	33.95	13.38	1,104.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	6/24/18	1,127.82	22.29	29.52	7.23	1,104.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	9/11/18	1,127.82	22.67	31.15	8.48	1,103.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	12/4/18	1,127.82	25.22	36.96	11.74	1,100.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	4/30/19	1,127.82	27.64	32.44	4.80	1,099.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	6/10/19	1,127.82	27.90	33.00	5.10	1,098.90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	9/22/19	1,127.82	24.56	33.73	9.17	1,101.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	11/6/19	1,127.82	25.07	36.29	11.22	1,100.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	7/28/20	1,127.82	25.24	34.17	8.93	1,100.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	12/4/20	1,127.82	24.99	33.96	8.97	1,101.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	4/16/21	1,127.82	29.68	36.27	6.59	1,096.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	10/15/21	1,127.82	27.65	36.19	8.54	1,098.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	4/27/22	1,127.82	29.78	38.71	8.93	1,096.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	8/31/22	1,127.82	25.42	31.73	6.31	1,101.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	5/18/23	1,127.62	24.09	35.74	11.65	1,101.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	8/22/23	1,127.62	23.06	27.04	3.98	1,103.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-27	11/4/23	1,127.62	21.83	27.86	6.03	1,104.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-28	3/6/03	1,127.25	--	40.65	0.00	1,086.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-28	4/1-4/03	1,127.25	--	30.55	0.00	1,096.70	11,000	330	<250	<10	8.5	1.4	780	<50/<2 ⁷	--	<50/<2 ⁷	--	--	--	1.7	--
MW-28	7/1/03	1,127.25	--	31.66	0.00	1,095.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-28	7/15/03	1,127.25	--	31.70	0.00	1,095.55	3,800	<250	<250	<10	5.0	0.8	260	<50	--	<50	--	--	--	2.2	--
MW-28	7/15/03 (D)	1,127.25	--	--	0.00	1,127.25	4,300	<250	<250	<10	4.4	1.0	280	--	--	--	--	--	--	--	--
MW-28	10/24/03	1,127.25	--	30.35	0.00	1,096.90	2,400	220	<95	<5.0	2.8	0.6	170	<20	--	<20	--	--	--	<1.2	--
MW-28	1/14/04	1,127.25	--	33.21	0.00	1,094.04	6,700	280	<95	<5.0	1.6	0.6	480	<20	--	<20	--	--	--	<1.2	--
MW-28	4/14/04	1,127.25	--	29.82	0.00	1,097.43	700	<78	<98	<2.0	0.7	<0.5	49	<20	--	<20	--	--	--	<1.2	--
MW-28	7/13/04	1,127.25	--	29.82	0.00	1,097.43	840	130	<100	<2.0	0.6	<0.5	69	<10	--	<10	--	--	--	<0.99	--
MW-28	10/13/04	1,127.25	--	28.72	0.00	1,098.53	<50	<82	<100	1.4	<0.5	<0.5	2.0	<2.5	--	<2.5	--	--	--	<0.99	--
MW-28	1/12/05	1,127.25	--	29.99	0.00	1,097.26	730	<78	<97	2.5	1	<0.5	50.0	--	--	--	--	--	--	<0.99	--
MW-28	5/2/05	1,127.25	--	31.59	0.00	1,095.66	560	250	<100	<2.0	0.6	<0.5	26	16	--	16	--	--	--	<0.87	--
MW-28	7/13/05	1,127.25	--	31.31	0.00	1,095.94	140	130	<110	<0.5	<0.5	<0.5	8.5	3.7	--	3.7	--	--	--	<0.87	--
MW-28	10/27/05	1,127.25	--	30.08	0.00	1,097.17	340	310	<97	<2.0	<2.0	<0.5	17	--	--	--	--	--	--	<0.87	--
MW-28	3/14/06	1,127.25	--	27.61	0.00	1,099.64	<48	<81	<100	1.7	<0.5	0.7	2.1	--	--	--	--	--	--	--	--
MW-28	5/22/06	1,127.25	--	28.31	0.00	1,098.94	<48	<80	<100	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-28	10/3/06	1,127.25	--	27.34	0.00	1,099.91	<48	<80	<100	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-28	5/22/07	1,127.25	--	27.58	0.00	1,099.67	<50	<76	<95	0.7	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--

Table 6
Groundwater Monitoring Data and Analytical Results¹
Chelan Chevron Site
Chelan, Washington
Concentrations reported in µg/L

Well ID	Date	TOC ²	DTP	DTW	LNAPLT	GWE ³	GRO	DRO ¹⁰	HRO ¹⁰	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	EDB	EDC	PCE	TCE	Vinyl Chloride	Dissolved Lead	Total Lead
		(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	800/1,000	500	500	5	1,000	700	1,000	20	0.01	5	5	5	0.2	15	15
MTCA Method A Cleanup Levels																					
MW-28	11/6/07	1,127.25	--	26.70	0.00	1,100.55	<50	210	<100	0.9	<0.5	0.8	2.0	--	--	--	--	--	--	--	--
MW-28	5/14/08	1,127.25	--	28.99	0.00	1,098.26	140	<85	<110	<5.0	1.2	0.5	<5.0	--	--	--	--	--	--	--	--
MW-28	5/18-19/09	1,127.25	--	31.13	0.00	1,096.12	110	35	<67	<0.5	<0.5	<0.5	2.4	--	--	--	--	--	--	--	--
MW-28	5/18-20/10	1,127.25	--	29.58	0.00	1,097.67	<50	46	<69	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-28	5/5/11	1,127.25	--	28.43	0.00	1,098.82	<50	<32	<74	1.7	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-28	5/22/12	1,127.25	--	30.05	0.00	1,097.20	<50	<30	<70	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-28	5/15/13	1,127.25	--	28.56	0.00	1,098.69	180	76	170	7.1	<2.0	0.5	<1.5	--	--	--	--	--	--	--	--
MW-28	5/7/14	1,127.25	--	29.63	0.00	1,097.62	3,300	580	<69	9.4	130	55	380	--	--	--	--	--	--	--	--
MW-28	6/18/15	1,127.25	--	26.41	0.00	1,100.84	<50	<29/<29	<67/<67	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-28	9/21/15	1,127.25	--	25.73	0.00	1,101.52	<50	73/68	<66/<66	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-28	12/9/15	1,127.25	--	24.72	0.00	1,102.53	<50	<28/<28	--/<66	<0.2	<0.2	<0.2	<0.2	--	--	--	--	--	--	--	--
MW-28	3/14-15/16	1,127.25	--	19.60	0.00	1,107.65	<50	<28/<28	<66/90	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-28	6/22/16	1,127.25	--	20.34	0.00	1,106.91	<50	<29/43	<69/<69	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-28	9/11-12/16	1,127.25	--	20.15	0.00	1,107.10	<50	<28/37	<66/<66	<0.5	<0.5	<0.5	<0.5	--	<0.0093	<0.5	--	--	--	--	--
MW-28	3/17/19	1,127.25	--	19.81	0.00	1,107.44	<50	<29/<29	<67/<67	<0.5	<0.5	<0.5	<0.5	--	<0.0097	<0.5	--	--	--	<6.2	7.1
MW-28	6/19/17	1,127.25	--	19.19	0.00	1,108.06	<50	<28/<28	<66/<66	<0.5	<0.5	<0.5	<0.5	--	<0.0096	<0.5	--	--	--	<6.0	15.2
MW-28	10/16/17	1,127.25	--	19.18	0.00	1,108.07	<50	<28/<28	<66/<66	<0.5	<0.5	<0.5	<0.5	--	<0.0097	<0.5	--	--	--	6.8	73.4
MW-28	12/3/17	1,127.25	--	18.87	0.00	1,108.38	<50	<29/30	<68/<68	<0.5	<0.5	<0.5	<0.5	--	<0.0096	<0.5	--	--	--	<6.0	15.2
MW-28	3/19/18	1,127.25	--	17.90	0.00	1,109.35	<250	<96/89	<240/<240	<1	<1	<1	<1	--	<0.029	<1	--	--	--	--	62.0
MW-28	6/25/18	1,127.25	--	19.22	0.00	1,108.03	<250	<94/120	<240/<240	<1	<1	<1	<1	--	<0.029	<1	--	--	--	--	137
MW-28	9/11/18	1,127.25	--	19.70	0.00	1,107.55	<250	<94/70	<240/<240	<1	<1	<1	<1	--	<0.030	<1	--	--	--	--	13.1
MW-28	12/4/18	1,127.25	--	20.27	0.00	1,106.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-28	4/30/19	1,127.25	--	24.60	0.00	1,102.65	<250	<100/60	<250/<250	<1	<1	<1	<5	--	<0.030	<1	--	--	--	--	44.3
MW-28	6/10/19	1,127.25	--	25.16	0.00	1,102.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-28	9/22/19	1,127.25	--	24.12	0.00	1,103.13	<250	<96/<96	<240/<240	<1	<1	<1	<6	--	<0.029	<1	--	--	--	--	29.3
MW-28	11/6/19	1,127.25	--	23.98	0.00	1,103.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-28	7/28/20	1,127.25	--	26.60	0.00	1,100.65	54.4	<200/<200	<250/<250	<1	<1	<1	<3	--	<0.020	<1	--	--	--	4.32	9.99
MW-28	12/4/20	1,127.25	--	27.54	0.00	1,099.71	58.3	<200/<200	<250/<250	<1	<1	<1	<3	--	<0.020	<1	--	--	--	3.72	<15.0
MW-28	4/16/21	1,127.25	--	28.45	0.00	1,098.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-28	10/15/21	1,127.25	--	27.51	0.00	1,099.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-28	4/27/22	1,127.25	--	29.48	0.00	1,097.77	<100	<200	<250	<1	<1	<1	<3	--	<0.00557	<1	--	--	--	--	<6.00
MW-28	8/31/22	1,127.25	--	26.96	0.00	1,100.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-28	5/16/23	1,127.25	--	22.35	0.00	1,104.90	<100	<200	<250	<1	<1	<1	<3	--	<0.00547	<1	--	--	--	--	<6.00
MW-28	8/22/23	1,127.25	--	21.87	0.00	1,105.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-28	11/3/23	1,127.25	--	20.24	0.00	1,107.01	<100	<200	<250	<1	<1	<1	<3	--	<0.00557	<1	--	--	--	--	<6.00
MW-29	3/6/03	1,127.25	--	28.40	0.00	1,098.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-29	4/1-4/03	1,127.25	--	27.40	0.00	1,099.85	<50	<250	<250	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-29	7/1/03	1,127.25	--	28.22	0.00	1,099.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-29	7/15/03	1,127.25	--	28.26	0.00	1,098.99	<50	<250	<250	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-29	10/24/03	1,127.25	--	27.69	0.00	1,099.56	<50	<76	<95	<0.5	<0.5	<0.5	<1.5	<2.5	--	<2.5	--	--	--	<1.2	--
MW-29	1/13/04	1,127.25	--	27.58	0.00	1,099.67	<50	<80	<100	<0.2	<0.2	<0.2	<0.6	--	--	--	--	--	--	<1.2	--
MW-29	4/13/04	1,127.25	--	28.10	0.00	1,099.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-29	10/13/04	1,127.25	--	26.54	0.00	1,100.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-29	1/12/05	1,127.25	--	27.70	0.00	1,099.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
DISCONTINUED FROM SAMPLING PROGRAM DUE TO SAFETY CONCERNS (WELL LOCATED IN CENTER OF TRAFFIC LANE).																					
MW-30	3/6/03	1,124.29	--	84.33	0.00	1,039.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-30	4/1-4/03	1,124.29	--	85.92	0.00	1,038.37	<50	<250	<250	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-30	4/1-4/03 (D)	1,124.29	--	--	--	--	<50	<250	<250	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-30	7/15/03	1,124.29	--	83.15	0.00	1,041.14	<50	<250	<250	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-30	10/24/03	1,124.29	--	75.74	0.00	1,048.55	<50	<75	<94	<0.5	<0.5	<0.5	<1.5	<2.5	--	<2.5	--	--	--	<1.2	--
MW-30	1/13/04	1,124.29	--	78.20	0.00	1,046.09	<50	<76	<95	<0.2	<0.2	<0.2	<0.6	<0.3	--	<0.3	--	--	--	<1.2	--
MW-30	4/13/04	1,124.29	--	84.69	0.00	1,039.60	<50	<80	<100	<0.5	<0.5	<0.5	<1.5	<2.5	--	<2.5	--	--	--	<1.2	--
MW-30	5/11/04	1,124.29	--	85.80	0.00	1,038.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-30	6/15/04	1,124.29	--	85.46	0.00	1,038.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-30	7/13/04	1,124.29	--	82.90	0.00	1,041.39	<50	<400	<500	<0.5	<0.5	<0.5	<1.5	<2.5	--	<2.5	--	--	--	<0.99	--
MW-30	9/15/04	1,124.29	--	75.91	0.00	1,048.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 6
Groundwater Monitoring Data and Analytical Results¹
Chelan Chevron Site
Chelan, Washington
Concentrations reported in µg/L

Well ID	Date	TOC ²	DTP	DTW	LNAPLT	GWE ³	GRO	DRO ¹⁰	HRO ¹⁰	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	EDB	EDC	PCE	TCE	Vinyl Chloride	Dissolved Lead	Total Lead
		(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	800/1,000	500	500	5	1,000	700	1,000	20	0.01	5	5	5	0.2	15	15
MTCA Method A Cleanup Levels																					
MW-30	10/13/04	1,124.29	--	74.69	0.00	1,049.60	<50	<80	<100	0.5	<0.5	<0.5	<1.5	<2.5	--	<2.5	--	--	--	<0.99	--
MW-30	11/17/04	1,124.29	--	76.53	0.00	1,047.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-30	1/12/05 (D)	1,124.29	--	79.95	0.00	1,044.34	<48	<83	<100	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	<0.99	--
MW-30	1/12/05	1,124.29	--	79.95	0.00	1,044.34	<48	<82	<100	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	<0.99	--
MW-30	2/18/05	1,124.29	--	82.11	0.00	1,042.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-30	3/29/05	1,124.29	--	83.73	0.00	1,040.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-30	5/3/05	1,124.29	--	84.06	0.00	1,040.23	<48	<81	<100	<0.5	<0.5	<0.5	<1.5	<2.5	--	<2.5	--	--	--	<0.87	--
MW-30	6/2/05	1,124.29	--	82.34	0.00	1,041.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-30	7/14/05	1,124.29	--	77.00	0.00	1,047.29	<48	<87	<110	<0.5	<0.5	<0.5	<1.5	<2.5	--	<2.5	--	--	--	<0.87	--
MW-30	9/14/05	1,124.29	--	74.30	0.00	1,049.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-30	10/27/05	1,124.29	--	75.28	0.00	1,049.01	<48	<85	<100	<0.5	<0.5	<0.5	<1.5	<2.5	--	<2.5	--	--	--	<0.87	--
MW-30	3/14/06	1,124.29	--	85.64	0.00	1,038.65	<0.5	<86	<110	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-30	5/22/06	1,124.29	--	90.21	0.00	1,034.08	<48	<80	<100	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-30	10/3/06	1,124.29	--	74.98	0.00	1,049.31	<48	<83	<100	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-30	5/22/07	1,124.29	--	80.22	0.00	1,044.07	<50	<81	<100	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-30	11/6/07	1,124.29	--	72.33	0.00	1,051.96	<50	<82	<100	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-30	5/15/08	1,124.29	--	89.49	0.00	1,034.80	50	<77	<96	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-30	05/18-19/09	1,124.29	--	89.50	0.00	1,034.79	<50	35	<68	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-30	05/18-20/10	1,124.29	--	73.14	0.00	1,051.15	<50	62	<69	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-30	8/23/10	1,124.29	--	64.92	0.00	1,059.37	<50	1,100	1,200	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-30	5/5/11	1,124.29	--	86.67	0.00	1,037.62	<50	<32	120	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-30	5/22/12	1,124.29	--	76.10	0.00	1,048.19	<50	<30	<70	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-30	5/14/13	1,124.29	--	75.39	0.00	1,048.90	<50	<29	<68	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-30	5/6/14	1,124.29	--	76.69	0.00	1,047.60	<50	<31	<73	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-30	6/17/15	1,124.29	--	70.36	0.00	1,053.93	<50	<28/<28	<66/<66	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-30	9/21/15	1,124.29	--	65.28	0.00	1,059.01	<50	<28/<28	<66/<66	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-30	12/9/15	1,124.29	--	68.33	0.00	1,055.96	<50	<28/<28	--/<66	<0.2	<0.2	<0.2	<0.2	--	--	--	--	--	--	--	--
MW-30	3/14/16	1,124.29	--	73.75	0.00	1,050.54	<50	<28/56	<66/1,400	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-30	6/22/16	1,124.29	--	68.34	0.00	1,055.95	<50	<29/<29	<67/<67	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-30	09/11-12/16	1,124.29	--	64.53	0.00	1,059.76	<50	<28/<28	<66/<66	<0.5	<0.5	<0.5	<0.5	--	<0.0096	<0.5	--	--	--	--	--
MW-30	3/19/17	1,124.29	--	74.04	0.00	1,050.25	<50	<29/<29	96/160	<0.5	<0.5	<0.5	<0.5	--	<0.0099	<0.5	--	--	--	<6.2	16.4
MW-30	6/19/17	1,124.29	--	71.96	0.00	1,052.33	<50	<28/30	<66/68	<0.5	<0.5	<0.5	<0.5	--	<0.0097	<0.5	--	--	--	<6.0	<6.0
MW-30	10/16/17	1,124.29	--	65.59	0.00	1,058.70	<50	<28/<28	<66/<66	<0.5	<0.5	<0.5	<0.5	--	<0.0097	<0.5	--	--	--	<6.0	<6.0
MW-30	12/3/17	1,124.29	--	68.25	0.00	1,056.04	<50	<29/150	<67/200	<0.5	<0.5	<0.5	<0.5	--	<0.0097	<0.5	--	--	--	<6.0	<6.0
MW-30	3/19/18	1,124.29	--	74.60	0.00	1,049.69	<250	<94/29	69/<240	<1	<1	<1	<1	--	<0.029	<1	--	--	--	--	10.3
MW-30	6/25/18	1,124.29	--	70.42	0.00	1,053.87	<250	<96/57	<240/<240	<1	<1	<1	<1	--	<0.029	<1	--	--	--	--	16.0
MW-30	9/11/18	1,124.29	--	64.29	0.00	1,060.00	<250	<94/<94	<240/<240	<1	<1	<1	<1	--	<0.029	<1	--	--	--	--	<15.0
MW-30	12/4/18	1,124.29	--	86.82	0.00	1,037.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-30	4/30/19	1,124.29	--	76.00	0.00	1,048.29	<250	<100/81	<260/<260	<1	<1	<1	<5	--	<0.029	<1	--	--	--	--	<15.0
MW-30	6/10/19	1,124.29	--	73.80	0.00	1,050.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-30	9/22/19	1,124.29	--	65.41	0.00	1,058.88	<250	75/100	<240/<240	<1	<1	<1	<6	--	<0.029	<1	--	--	--	--	<15.0
MW-30	11/6/19	1,124.29	--	66.93	0.00	1,057.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-30	7/29/20	1,124.29	--	68.71	0.00	1,055.58	402	<200/<200	<250/<250	<1	<1	<1	0.488	--	<0.020	<1	--	--	--	<6.0	<6.0
MW-30	12/4/20	1,124.29	--	68.31	0.00	1,055.98	35.3	<200/221	<250/242	<1	<1	<1	<3	--	<0.020	<1	--	--	--	<6.0	<6.0
MW-30	4/15/21	1,124.29	--	76.19	0.00	1,048.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-30	10/15/21	1,124.29	--	66.18	0.00	1,058.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-30	4/27/22	1,124.29	--	74.74	0.00	1,049.55	<100	<200	<250	<1	<1	<1	<3	--	<0.00547	<1	--	--	--	--	<6.00
MW-30	8/31/22	1,124.29	--	66.41	0.00	1,057.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-30	5/16/23	1,124.29	--	77.49	0.00	1,046.80	<100	<200	<250	<1	<1	<1	<3	--	<0.00536	<1	--	--	--	--	<6.00
MW-30	8/22/23	1,124.29	--	67.24	0.00	1,057.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-30	11/2/23	1,124.29	--	67.34	0.00	1,056.95	<100	<200	<250	<1	<1	<1	<3	--	<0.00552	<1	--	--	--	--	<6.00
MW-31	3/7/03	1,122.85	--	83.10	0.00	1,039.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-31	4/1-4/03	1,122.85	--	84.68	0.00	1,038.17	<50	<250	1,100	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-31	7/15/03	1,122.85	--	81.58	0.00	1,041.27	<50	<250	<250	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-31	10/24/03	1,122.85	--	74.25	0.00	1,048.60	<50	690	150	<0.5	<0.5	<0.5	<1.5	<2.5	--	<2.5	--	--	--	<1.2	--
MW-31	1/13/04	1,122.85	--	76.70	0.00	1,046.15	<50	<100	<130	<0.2	<0.2	<0.2	<0.6	<0.3	--	<0.3	--	--	--	<1.2	--
MW-31	1/13/04 (D)	1,122.85	--	76.70	0.00	1,046.15	<50	<94	<120	<0.2	<0.2	<0.2	<0.6	<0.3	--	<0.3	--	--	--	<1.2	--

Table 6
Groundwater Monitoring Data and Analytical Results¹
Chelan Chevron Site
Chelan, Washington
Concentrations reported in µg/L

Well ID	Date	TOC ²	DTP	DTW	LNAPLT	GWE ³	GRO	DRO ¹⁰	HRO ¹⁰	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	EDB	EDC	PCE	TCE	Vinyl Chloride	Dissolved Lead	Total Lead
		(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	800/1,000	500	500	5	1,000	700	1,000	20	0.01	5	5	5	0.2	15	15
MTCA Method A Cleanup Levels																					
MW-31	4/13/04	1,122.85	--	83.45	0.00	1,039.40	<50	<76	<95	<0.5	<0.5	<0.5	<1.5	<2.5	--	<2.5	--	--	--	<1.2	--
MW-31	4/13/04 (D)	1,122.85	--	83.45	0.00	1,039.40	<50	<75	<94	<0.5	<0.5	<0.5	<1.5	<2.5	--	<2.5	--	--	--	<1.2	--
MW-31	5/11/04	1,122.85	--	84.53	0.00	1,038.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-31	6/15/04	1,122.85	--	84.15	0.00	1,038.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-31	7/13/04	1,122.85	--	81.61	0.00	1,041.24	<50	<76	<95	<0.5	<0.5	<0.5	<1.5	<2.5	--	<2.5	--	--	--	<0.99	--
MW-31	9/15/04	1,122.85	--	74.44	0.00	1,048.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-31	10/13/04	1,122.85	--	73.16	0.00	1,049.69	<50	<80	<100	<0.5	<0.5	<0.5	<1.5	<2.5	--	<2.5	--	--	--	<0.99	--
MW-31	11/17/04	1,122.85	--	75.05	0.00	1,047.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-31	1/12/05	1,122.85	--	78.60	0.00	1,044.25	<48	<78	<97	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	<0.99	--
MW-31	2/18/05	1,122.85	--	WELL ICED OVER - UNABLE T			--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-31	3/29/05	1,122.85	--	82.44	0.00	1,040.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-31	5/3/05	1,122.85	--	82.77	0.00	1,040.08	<48	<83	<100	<0.5	0.5	0.5	<1.5	<2.5	--	<2.5	--	--	--	<0.87	--
MW-31	6/2/05	1,122.85	--	80.99	0.00	1,041.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-31	7/13/05	1,122.85	--	75.55	0.00	1,047.30	<48	<80	<100	<0.5	<0.5	<0.5	<1.5	<2.5	--	<2.5	--	--	--	<0.87	--
MW-31	9/14/05	1,122.85	--	72.76	0.00	1,050.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-31	10/27/05	1,122.85	--	73.88	0.00	1,048.97	<48	<81	<100	<0.5	<0.5	<0.5	<1.5	<2.5	--	<2.5	--	--	--	<0.87	--
MW-31	3/14/06	1,122.85	--	84.48	0.00	1,038.37	<48	<79	<99	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-31	5/22/06	1,122.85	--	89.00	0.00	1,033.85	<48	<86	<110	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-31	10/2/06	1,122.85	--	73.46	0.00	1,049.39	<48	<77	<96	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-31	5/22/07	1,122.85	--	78.93	0.00	1,043.92	<50	<76	<95	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-31	11/6/07	1,122.85	--	70.82	0.00	1,052.03	<50	<84	<100	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-31	5/16/08	1,122.85	--	88.29	0.00	1,034.56	<50	<78	<98	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-31	5/18-19/09	1,122.85	--	88.35	0.00	1,034.50	<50	<30	<70	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-31	5/18-20/10	1,122.85	--	71.85	0.00	1,051.00	<50	110	180	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-31	8/23/10	1,122.85	--	63.40	0.00	1,059.45	<50	<610	4,900	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-31	5/5/11	1,122.85	--	85.33	0.00	1,037.52	<50	<29	<67	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-31	5/22/12	1,122.85	--	74.75	0.00	1,048.10	<50	<31	<73	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-31	5/14/13	1,122.85	--	74.02	0.00	1,048.83	<50	69	<71	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-31	5/5/14	1,122.85	--	75.30	0.00	1,047.55	<50	<28	<66	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-31	6/17/15	1,122.85	--	68.79	0.00	1,054.06	<50	<28/41	<66/<66	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-31	9/21/15	1,122.85	--	63.70	0.00	1,059.15	<50	<28/<28	<66/<66	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-31	12/9/15	1,122.85	--	66.81	0.00	1,056.04	<50	<28/32	--/66	<0.2	<0.2	<0.2	<0.2	--	--	--	--	--	--	--	--
MW-31	3/14/16	1,122.85	--	72.25	0.00	1,050.60	<50	<28/<28	<65/120	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-31	6/22/16	1,122.85	--	66.73	0.00	1,056.12	<50	<28/<28	<66/<66	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-31	09/11-12/16	1,122.85	--	62.90	0.00	1,059.95	<50	<29/<29	<67/<67	<0.5	<0.5	<0.5	<0.5	--	<0.0095	<0.5	--	--	--	--	--
MW-31	3/19/17	1,122.85	--	72.62	0.00	1,050.23	<50	<28/<28	<66/<66	<0.5	<0.5	<0.5	<0.5	--	<0.0096	<0.5	--	--	--	<6.2	<6.2
MW-31	6/19/17	1,122.85	--	69.43	0.00	1,053.42	<50	<29/<29	<66/<66	<0.5	<0.5	<0.5	<0.5	--	<0.0096	<0.5	--	--	--	<6.0	<6.0
MW-31	10/16/17	1,122.85	--	63.98	0.00	1,058.87	<50	<28/<28	<66/<66	<0.5	<0.5	<0.5	<0.5	--	<0.0097	<0.5	--	--	--	<6.0	<6.0
MW-31	12/3/17	1,122.85	--	66.70	0.00	1,056.15	<50	<28/150	<66/<66	<0.5	<0.5	<0.5	<0.5	--	<0.0095	<0.5	--	--	--	<6.0	<6.0
MW-31	3/19/18	1,122.85	--	73.16	0.00	1,049.69	<250	<95/<95	<240/<240	<1	<1	<1	<1	--	<0.029	<1	--	--	--	--	<15.0
MW-31	6/25/18	1,122.85	--	68.89	0.00	1,053.96	<250	<96/90	<240/<240	<1	<1	<1	<1	--	<0.029	<1	--	--	--	--	<30.0
MW-31	9/11/18	1,122.85	--	62.30	0.00	1,060.55	<250	<94/32	<240/<240	<1	<1	<1	<1	--	<0.029	<1	--	--	--	--	<15.0
MW-31	12/4/18	1,122.85	--	84.85	0.00	1,038.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-31	4/30/19	1,122.85	--	74.58	0.00	1,048.27	<250	<100/35	<250/<250	<1	<1	<1	<5	--	<0.029	<1	--	--	--	--	<15.0
MW-31	6/10/19	1,122.85	--	72.29	0.00	1,050.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-31	9/22/19	1,122.85	--	63.73	0.00	1,059.12	<250	<95/140	<240/200	<1	<1	<1	<6	--	<0.029	<1	--	--	--	--	<15.0
MW-31	11/6/19	1,122.85	--	65.33	0.00	1,057.52	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-31	7/29/20	1,122.85	--	67.08	0.00	1,055.77	127	113/113	119/119	<1	<1	<1	<3	--	<0.020	<1	--	--	--	<6.0	<6.0
MW-31	12/4/20	1,122.85	--	66.54	0.00	1,056.31	43.0	<200/<200	<250/<250	<1	<1	<1	<3	--	<0.020	<1	--	--	--	<6.0	<6.0
MW-31	4/16/21	1,122.85	--	74.90	0.00	1,047.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-31	10/15/21	1,122.85	--	64.52	0.00	1,058.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-31	4/27/22	1,122.85	--	73.27	0.00	1,049.58	<100	<200	<250	<1	<1	<1	<3	--	<0.00536	<1	--	--	--	--	<6.00
MW-31	8/31/22	1,122.85	--	64.75	0.00	1,058.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-31	5/17/23	1,122.85	--	76.09	0.00	1,046.76	<100	<200	<250	<1	<1	<1	<3	--	<0.00552	<1	--	--	--	--	<6.00
MW-31	8/22/23	1,122.85	--	65.60	0.00	1,057.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-31	11/2/23	1,122.85	--	65.73	0.00	1,057.12	<100	<200	<250	<1	<1	<1	<3	--	<0.00557	<1	--	--	--	--	<6.00
MW-32	6/25/03	1,123.89	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 6
Groundwater Monitoring Data and Analytical Results¹
Chelan Chevron Site
Chelan, Washington
Concentrations reported in µg/L

Well ID	Date	TOC ² (ft.)	DTP (ft.)	DTW (ft.)	LNAPLT (ft.)	GWE ³ (ft.)	GRO	DRO ¹⁰	HRO ¹⁰	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	EDB	EDC	PCE	TCE	Vinyl Chloride	Dissolved Lead	Total Lead
MTCA Method A Cleanup Levels							800/1,000	500	500	5	1,000	700	1,000	20	0.01	5	5	5	0.2	15	15
MW-32	7/15/03	1,123.89	--	DRY	--	--	--	--	--	--	--	--	h	--	--	--	--	--	--	--	--
MW-32	10/23/03	1,123.89	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-32	1/14/04	1,123.89	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-32	4/13/04	1,123.89	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-32	7/14/04	1,123.89	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-32	10/13/04	1,123.89	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-32	1/12/05	1,123.89	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-32	5/2/05	1,123.89	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-32	7/13/05	1,123.89	--	41.91	0.00	1,081.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-32	10/26/05	1,123.89	--	41.94	0.00	1,081.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-32	5/22/06	1,123.89	--	41.95	0.00	1,081.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-32	10/2/06	1,123.89	--	42.02	0.00	1,081.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-32	5/22/07	1,123.89	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-32	11/6/07	1,123.89	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-32	5/18-19/09	1,123.89	--	41.93	0.00	-- ⁹	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-32	ABANDONED																				
MW-33	6/30/03	1,124.86	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-33	7/15/03	1,124.86	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-33	10/23/03	1,124.86	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-33	1/14/04	1,124.86	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-33	4/13/04	1,124.86	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-33	7/12/04	1,124.86	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-33	10/13/04	1,124.86	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-33	1/12/05	1,124.86	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-33	5/2/05	1,124.86	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-33	7/13/05	1,124.86	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-33	10/26/05	1,124.86	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-33	5/22/06	1,124.86	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-33	10/2/06	1,124.86	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-33	5/22/07	1,124.86	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-33	11/6/07	1,124.86	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-33	ABANDONED																				
MW-34	6/26/03	1,123.36	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-34	7/15/03	1,123.36	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-34	10/23/03	1,123.36	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-34	1/14/04	1,123.36	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-34	4/13/04	1,123.36	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-34	7/14/04	1,123.36	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-34	10/13/04	1,123.36	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-34	1/12/05	1,123.36	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-34	5/2/05	1,123.36	--	27.67	0.00	1,095.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-34	7/13/05	1,123.36	--	27.73	0.00	1,095.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-34	10/26/05	1,123.36	--	27.94	0.00	1,095.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-34	5/22/06	1,123.36	--	27.73	0.00	1,095.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-34	10/2/06	1,123.36	--	27.79	0.00	1,095.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-34	5/22/07	1,123.36	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-34	11/6/07	1,123.36	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-34	5/18-19/09	1,123.36	--	27.68	0.00	-- ⁹	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-34	ABANDONED																				
MW-35	6/27/03	1,122.70	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-35	7/15/03	1,122.70	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-35	10/23/03	1,122.70	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-35	1/14/04	1,122.70	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-35	4/13/04	1,122.70	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-35	7/14/04	1,122.70	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 6
Groundwater Monitoring Data and Analytical Results¹
Chelan Chevron Site
Chelan, Washington
Concentrations reported in µg/L

Well ID	Date	TOC ² (ft.)	DTP (ft.)	DTW (ft.)	LNAPLT (ft.)	GWE ³ (ft.)	GRO	DRO ¹⁰	HRO ¹⁰	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	EDB	EDC	PCE	TCE	Vinyl Chloride	Dissolved Lead	Total Lead
MTCA Method A Cleanup Levels							800/1,000	500	500	5	1,000	700	1,000	20	0.01	5	5	5	0.2	15	15
MW-35	10/13/04	1,122.70	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-35	1/12/05	1,122.70	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-35	10/26/05	1,122.70	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-35	5/22/06	1,122.70	--	37.72	0.00	1,084.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-35	10/2/06	1,122.70	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-35	5/22/07	1,122.70	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-35	11/6/07	1,122.70	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-35	5/18-19/09	1,122.70	--	37.75	0.00	-- ⁹	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-35	ABANDONED																				
MW-36	6/26/03	1,123.66	41.26	41.50	0.24	1,082.35	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL														
MW-36	6/27/03	1,123.66	40.32	43.60	3.28	1,082.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	6/30/03	1,123.66	38.96	48.46	9.50	1,082.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	7/15/03	1,123.66	37.95	49.50	11.55	1,083.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	9/5/03	1,123.66	36.42	-- ⁸	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	9/17/03	1,123.66	38.05	47.05	9.00	1,083.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	10/4/03	1,123.66	39.65	41.30	1.65	1,083.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	10/23/03	1,123.66	40.11	40.94	0.83	1,083.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	11/6/03	1,123.66	39.86	40.41	0.55	1,083.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	11/25/03	1,123.66	39.77	40.19	0.42	1,083.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	1/13/04	1,123.66	40.52	41.25	0.73	1,082.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	2/18/04	1,123.66	40.56	41.06	0.50	1,083.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	3/16/04	1,123.66	40.86	41.45	0.59	1,082.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	4/13/04	1,123.66	40.80	41.19	0.39	1,082.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	5/11/04	1,123.66	40.98	41.27	0.29	1,082.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	6/15/04	1,123.66	41.28	41.68	0.40	1,082.30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	7/12/04	1,123.66	40.76	40.93	0.17	1,082.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	8/17/04	1,123.66	40.20	40.27	0.07	1,083.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	9/15/04 ⁶	1,123.66	--	39.73	0.00	1,083.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	10/13/04 ⁶	1,123.66	--	39.66	0.00	1,084.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	11/17/04 ⁶	1,123.66	--	39.58	0.00	1,084.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	1/13/05 ⁶	1,123.66	--	39.66	0.00	1,084.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	2/18/05 ⁶	1,123.66	40.52	42.71	2.19	1,082.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	3/29/05 ⁶	1,123.66	41.34	41.59	0.25	1,082.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	5/2-5/05 ⁶	1,123.66	41.30	41.62	0.32	1,082.30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	6/2/05 ⁶	1,123.66	41.11	41.12	0.01	1,082.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	7/13/05 ⁶	1,123.66	--	40.56	0.00	1,083.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	9/15/05 ⁶	1,123.66	39.57	39.58	0.01	1,084.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	10/26/05 ⁶	1,123.66	--	39.30	0.00	1,084.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	1/18/06 ⁶	1,123.66	39.80	39.80	0.00	1,083.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	2/27/06 ⁶	1,123.66	--	38.61	0.00	1,085.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	3/13/06	1,123.66	39.07	39.07	0.00	1,084.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	4/19/06	1,123.66	39.59	39.59	0.00	1,084.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	5/22/06	1,123.66	--	39.23	0.00	1,084.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	10/2/06	1,123.66	36.72	36.76	0.04	1,086.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	12/5/06	1,123.66	36.31	36.70	0.39	1,087.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	5/22/07	1,123.66	--	35.71	0.00	1,087.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	7/19/07	1,123.66	--	34.14	0.00	1,089.52	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	11/5/07	1,123.66	35.06	36.13	1.07	1,088.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	2/12/08	1,123.66	37.14	38.76	1.62	1,086.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	5/13/08	1,123.66	39.01	39.83	0.82	1,084.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	10/28/08	1,123.66	37.49	37.96	0.47	1,086.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	2/3-4/09	1,123.66	38.59	39.09	0.50	1,084.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	5/18-19/09	1,123.66	40.73	41.46	0.73	1,082.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	6/29/09	1,123.66	40.53	41.03	0.50	1,083.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	7/30/09	1,123.66	40.10	40.46	0.36	1,083.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	8/28/09	1,123.66	39.60	39.83	0.23	1,084.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	10/2/09	1,123.66	38.81	38.87	0.06	1,084.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 6
Groundwater Monitoring Data and Analytical Results¹
Chelan Chevron Site
Chelan, Washington
Concentrations reported in µg/L

Well ID	Date	TOC ²	DTP	DTW	LNAPLT	GWE ³	GRO	DRO ¹⁰	HRO ¹⁰	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	EDB	EDC	PCE	TCE	Vinyl Chloride	Dissolved Lead	Total Lead
		(ft.)	(ft.)	(ft.)	(ft.)	(ft.)															
MTCA Method A Cleanup Levels							800/1,000	500	500	5	1,000	700	1,000	20	0.01	5	5	5	0.2	15	15
MW-36	11/10/09	1,123.66	--	38.60	0.00	1,085.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	12/15/09	1,123.66	--	38.85	0.00	1,084.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	1/22/10	1,123.66	--	38.97	0.00	1,084.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	3/5/10	1,123.66	39.78	40.10	0.32	1,083.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	4/12/10 ⁶	1,123.66	39.81	40.00	0.19	1,083.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	5/18-20/10	1,123.66	39.52	39.68	0.16	1,084.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	7/6/10	1,123.66	38.05	38.13	0.08	1,085.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	8/23/10	1,123.66	36.16	36.20	0.04	1,087.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	10/13/10	1,123.66	35.09	35.11	0.02	1,088.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	11/16/10	1,123.66	35.60	35.62	0.02	1,088.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	1/11/11	1,123.66	36.36	36.40	0.04	1,087.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	2/11/11	1,123.66	36.50	36.51	0.01	1,087.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	5/5/11	1,123.66	38.60	38.67	0.07	1,085.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	6/8/11	1,123.66	38.24	38.32	0.08	1,085.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	7/11/11 ⁶	1,123.66	36.96	37.00	0.04	1,086.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	8/15/11	1,123.66	INACCESSIBLE - CAR PARKED OVER V																		
MW-36	9/9/11	1,123.66	35.50	35.55	0.05	1,088.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	10/12/11	1,123.66	--	35.25	0.00	1,088.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	11/29/11	1,123.66	--	35.65	0.00	1,088.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	12/21/11	1,123.66	--	36.05	0.00	1,087.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	1/28/12	1,123.66	--	35.94	0.00	1,087.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	2/24/12	1,123.66	38.55	38.78	0.23	1,085.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	3/20/12	1,123.66	38.90	39.00	0.10	1,084.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	4/21/12	1,123.66	--	35.95	0.00	1,087.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	5/21/12	1,123.66	39.10	39.20	0.10	1,084.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	6/25/12	1,123.66	40.90	41.12	0.22	1,082.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	7/20/12	1,123.66	--	38.07	0.00	1,085.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	8/24/12	1,123.66	--	36.38	0.00	1,087.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	11/30/12	1,123.66	--	35.63	0.00	1,088.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	1/18/13	1,123.66	--	35.52	0.00	1,088.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	2/19-20/13	1,123.66	--	36.36	0.00	1,087.30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	3/31/13	1,123.66	--	36.32	0.00	1,087.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	4/28/13	1,123.66	37.10	37.12	0.02	1,086.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	5/13/13	1,123.66	37.18	37.23	0.05	1,086.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	6/29/13	1,123.66	--	41.11	0.00	1,082.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	7/30/13	1,123.66	--	41.31	0.00	1,082.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	8/12/13	1,123.66	--	36.20	0.00	1,087.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	10/29/13	1,123.66	--	41.39	0.00	1,082.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	11/26/13	1,123.66	35.66	35.68	0.02	1,088.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	12/29/13	1,123.66	--	35.40	0.00	1,088.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	1/27/14	1,123.66	--	35.92	0.00	1,087.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	2/20/14	1,123.66	--	35.22	0.00	1,088.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	3/18/14	1,123.66	--	37.19	0.00	1,086.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	4/15/14	1,123.66	--	35.80	0.00	1,087.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	5/5/14	1,123.66	39.18	39.24	0.06	1,084.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	6/18/14	1,123.66	38.32	38.40	0.08	1,085.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	7/15/14	1,123.66	40.88	40.93	0.05	1,082.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	8/5/14	1,123.66	--	37.75	0.00	1,085.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	9/22/14	1,123.66	--	41.39	0.00	1,082.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	10/13/14	1,123.66	--	41.43	0.00	1,082.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	11/13/14	1,123.66	--	41.56	0.00	1,082.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	12/23/14	1,123.66	--	36.12	0.00	1,087.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	1/18-19/15	1,123.66	--	40.56	0.00	1,083.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	2/9/15	1,123.66	--	35.87	0.00	1,087.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	6/19/15	1,123.66	40.39	40.41	0.02	1,083.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	9/21/15	1,123.66	--	34.65	0.00	1,089.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	12/9/15	1,123.66	--	34.28	0.00	1,089.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	3/14/16	1,123.66	--	32.62	0.00	1,091.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 6
Groundwater Monitoring Data and Analytical Results¹
Chelan Chevron Site
Chelan, Washington
Concentrations reported in µg/L

Well ID	Date	TOC ²	DTP	DTW	LNAPLT	GWE ³	GRO	DRO ¹⁰	HRO ¹⁰	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	EDB	EDC	PCE	TCE	Vinyl Chloride	Dissolved Lead	Total Lead
		(ft.)	(ft.)	(ft.)	(ft.)	(ft.)															
MTCA Method A Cleanup Levels							800/1,000	500	500	5	1,000	700	1,000	20	0.01	5	5	5	0.2	15	15
MW-36	6/22/16	1,123.66	31.60	31.66	0.06	1,092.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	9/11/16	1,123.66	--	29.97	0.00	1,093.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	3/17/17	1,123.66	--	29.86	0.00	1,093.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	6/19/17	1,123.66	--	28.62	0.00	1,095.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	10/16/17	1,123.66	--	27.43	0.00	1,096.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	12/3/17	1,123.66	--	27.84	0.00	1,095.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	3/18/18	1,123.66	--	27.87	0.00	1,095.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	6/24/18	1,123.66	--	27.94	0.00	1,095.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	9/11/18	1,123.66	--	27.66	0.00	1,096.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	12/4/18	1,123.66	--	29.12	0.00	1,094.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	4/30/19	1,123.66	32.77	33.10	0.33	1,090.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	6/10/19	1,123.66	33.18	33.44	0.26	1,090.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	9/22/19	1,123.66	31.30	31.37	0.07	1,092.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	11/6/19	1,123.66	30.26	30.26	0.00	1,093.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	7/28/20	1,123.66	33.48	33.54	0.06	1,090.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	12/4/20	1,123.66	33.31	33.39	0.08	1,090.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	4/16/21	1,123.66	35.97	36.12	0.15	1,087.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	10/15/21	1,123.66	33.95	34.01	0.06	1,089.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	4/27/22	1,123.66	36.58	36.92	0.34	1,087.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	8/31/22	1,123.66	32.34	32.38	0.04	1,091.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	5/18/23	1,123.66	--	29.92	0.00	1,093.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	8/22/23	1,123.66	--	28.47	0.00	1,095.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-36	11/4/23	1,123.66	--	27.49	0.00	1,096.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-37	5/11/04	1,124.80	--	87.16	0.00	1,037.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-37	6/15/04	1,124.80	--	86.93	0.00	1,037.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-37	7/13/04	1,124.80	--	84.60	0.00	1,040.20	<50	<76	<95	<0.5	<0.5	<0.5	<1.5	<2.5	--	<2.5	--	--	--	<0.99	--
MW-37	7/13/04 (D)	1,124.80	--	84.60	0.00	1,040.20	<50	<76	<95	<0.5	<0.5	<0.5	<1.5	<2.5	--	<2.5	--	--	--	<0.99	--
MW-37	9/15/04	1,124.80	--	77.34	0.00	1,047.46	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-37	10/13/04	1,124.80	--	76.04	0.00	1,048.76	<50	<80	<100	<0.5	<0.5	<0.5	<1.5	<2.5	--	<2.5	--	--	--	<0.99	--
MW-37	10/13/04 (D)	1,124.80	--	76.04	0.00	1,048.76	<50	<81	<100	<0.5	<0.5	<0.5	<1.5	<2.5	--	<2.5	--	--	--	<0.99	--
MW-37	11/17/04	1,124.80	--	77.79	0.00	1,047.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-37	1/12/05	1,124.80	--	81.23	0.00	1,043.57	<48	<79	<99	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	<0.99	--
MW-37	2/29/05	1,124.80	--	83.26	0.00	1,041.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-37	3/29/05	1,124.80	--	85.04	0.00	1,039.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-37	5/3/05	1,124.80	--	85.51	0.00	1,039.29	<48	<79	<99	<0.5	<0.5	<0.5	<1.5	<2.5	--	<2.5	--	--	--	<0.87	--
MW-37	6/2/05	1,124.80	--	83.90	0.00	1,040.90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-37	7/14/05	1,124.80	--	78.44	0.00	1,046.36	<48	<89	<110	<0.5	<0.5	<0.5	<1.5	<2.5	--	<2.5	--	--	--	<0.87	--
MW-37	9/14/05	1,124.80	--	75.66	0.00	1,049.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-37	10/27/05	1,124.80	--	76.58	0.00	1,048.22	<48	<81	<100	<0.5	<0.5	<0.5	<1.5	<2.5	--	<2.5	--	--	--	<0.87	--
MW-37	3/14/06	1,124.80	--	86.95	0.00	1,037.85	<48	<81	<100	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-37	5/22/06	1,124.80	--	91.68	0.00	1,033.12	<48	220	190	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-37	5/22/06 (D)	1,124.80	--	91.68	0.00	1,033.12	<48	250	<190	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-37	10/2/06	1,124.80	--	76.28	0.00	1,048.52	<48	89	<100	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-37	10/2/06 (D)	1,124.80	--	76.28	0.00	1,048.52	<48	120	>100	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-37	5/22/07	1,124.80	--	81.53	0.00	1,043.27	<50	<80	<100	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-37	5/22/07 (D)	1,124.80	--	81.53	0.00	1,043.27	<50	<84	<100	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-37	11/6/07	1,124.80	--	73.50	0.00	1,051.30	<50	<85	<110	<0.5	<0.5	<0.5	<1.6	--	--	--	--	--	--	--	--
MW-37	11/6/07 (D)	1,124.80	--	73.50	0.00	1,051.30	<50	<84	<110	<0.5	<0.5	<0.5	<1.6	--	--	--	--	--	--	--	--
MW-37	5/15/08	1,124.80	--	90.89	0.00	1,033.91	<50	<77	<97	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-37	5/15/08 (D)	1,124.80	--	90.89	0.00	1,033.91	<50	<76	<95	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-37	5/18-19/09	1,124.80	--	91.05	0.00	1,033.75	<50	37	<74	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-37	5/18-20/10	1,124.80	--	74.29	0.00	1,050.51	<50	140	170	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-37	5/18-20/10 (D)	1,124.80	--	--	--	--	<50	100	120	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-37	8/23/10	1,124.80	--	66.00	0.00	1,058.80	<50	640	640	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-37	5/5/11	1,124.80	--	88.22	0.00	1,036.58	<50	210	2,200	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-37	5/5/11 (D)	1,124.80	--	--	--	--	<50	34	270	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-37	5/22/12	1,124.80	--	77.10	0.00	1,047.70	<50	<34	<79	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--

Table 6
Groundwater Monitoring Data and Analytical Results¹
Chelan Chevron Site
Chelan, Washington
Concentrations reported in µg/L

Well ID	Date	TOC ²	DTP	DTW	LNAPLT	GWE ³	GRO	DRO ¹⁰	HRO ¹⁰	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	EDB	EDC	PCE	TCE	Vinyl Chloride	Dissolved Lead	Total Lead
		(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	800/1,000	500	500	5	1,000	700	1,000	20	0.01	5	5	5	0.2	15	15
MTCA Method A Cleanup Levels																					
MW-37	5/22/12 (D)	1,124.80	--	--	--	--	<50	<30	<70	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-37	5/14/13	1,124.80	--	76.37	0.00	1,048.43	<50	<29	<67	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-37	5/14/2013 (D)	1,124.80	--	--	--	--	<50	49	100	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-37	5/6/14	1,124.80	--	77.71	0.00	1,047.09	<50	<30	<70	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-37	5/6/14 (D)	1,124.80	--	--	--	--	<50	<30	<70	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-37	6/17/15	1,124.80	--	71.45	0.00	1,053.35	<50	<28/86	<66/98	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-37	9/21/15	1,124.80	--	66.23	0.00	1,058.57	<50	<28/28	<66/66	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-37	12/9/15	1,124.80	--	69.32	0.00	1,055.48	<50	<29/<29	--/<67	<0.2	<0.2	<0.2	<0.2	--	--	--	--	--	--	--	--
MW-37	3/14/16	1,124.80	--	74.62	0.00	1,050.18	<50	<28/<28	<66/<66	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-37	6/22/16	1,124.80	--	69.31	0.00	1,055.49	<50	<28/62	<66/1,500	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
MW-37	9/11-12/16	1,124.80	--	65.56	0.00	1,059.24	<50	<29/<29	<67/230	<0.5	<0.5	<0.5	<0.5	--	<0.0096	<0.5	--	--	--	--	--
MW-37	3/19/17	1,124.80	--	74.90	0.00	1,049.90	<50	<29/<29	<68/<68	<0.5	<0.5	<0.5	<0.5	--	<0.0097	0.6	--	--	--	<6.2	<6.2
MW-37	6/19/17	1,124.80	--	71.96	0.00	1,052.84	<50	<29/60	<68/<68	<0.5	<0.5	<0.5	<0.5	--	<0.0098	2	--	--	--	<6.0	<6.0
MW-37	10/16/17	1,124.80	--	66.52	0.00	1,058.28	<50	<28/29	<66/<66	<0.5	<0.5	<0.5	<0.5	--	<0.0097	<0.5	--	--	--	<6.0	<6.0
MW-37	12/3/17	1,124.80	--	69.17	0.00	1,055.63	<50	<29/<29	<67/<67	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	--	--	--	<6.0	<6.0
MW-37	3/29/18	1,124.80	--	75.43	0.00	1,049.37	<250	<95/<95	<240/<240	<1	<1	<1	<1	--	<0.029	0.8	--	--	--	--	<15.0
MW-37	6/25/18	1,124.80	--	71.42	0.00	1,053.38	<250	<97/<97	<240/<240	<1	<1	<1	<1	--	<0.029	1	--	--	--	--	<30.0
MW-37	9/11/18	1,124.80	--	65.26	0.00	1,059.54	<250	<97/<97	<240/<240	<1	<1	<1	<5	--	<0.029	<1	--	--	--	--	<15.0
MW-37	12/4/18	1,124.80	--	87.76	0.00	1,037.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-37	4/30/19	1,124.80	--	76.89	0.00	1,047.91	<250	<94/<96	<230/<240	<1	<1	<1	<5	--	<0.029	6	--	--	--	--	<15.0
MW-37	6/10/19	1,124.80	--	74.79	0.00	1,050.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-37	9/22/19	1,124.80	--	66.38	0.00	1,058.42	<250	<95/57	<240/<240	<1	<1	<1	<6	--	<0.029	<1	--	--	--	--	<15.0
MW-37	11/6/19	1,124.80	--	67.86	0.00	1,056.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-37	7/29/20	1,124.80	--	69.71	0.00	1,055.09	307	<200/140	<250/310	<1	<1	<1	<3	--	<0.020	<1	--	--	--	6.38	<6.0
MW-37	12/4/20	1,124.80	--	69.23	0.00	1,055.57	39.8	<200/429	97.9/613	<1	<1	<1	<3	--	<0.020	<1	--	--	--	<6	<6
MW-37	4/15/21	1,124.80	--	77.11	0.00	1,047.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-37	10/15/21	1,124.80	--	67.16	0.00	1,057.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-37	4/27/22	1,124.80	--	75.65	0.00	1,049.15	<100	<200	<250	<1	<1	<1	<3	--	<0.00536	<1	--	--	--	--	<6.00
MW-37	8/31/22	1,124.80	--	67.43	0.00	1,057.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-37	5/16/23	1,124.80	--	78.50	0.00	1,046.30	<100	<200	<250	<1	<1	<1	<3	--	<0.00536	1.11	--	--	--	--	<6.00
MW-37	8/22/23	1,124.80	--	68.28	0.00	1,056.52	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-37	11/2/23	1,124.80	--	68.34	0.00	1,056.46	<100	<200	<250	<1	<1	<1	<3	--	<0.00552	<1	--	--	--	--	<6.00
MW-38	3/19/17	1,123.60	--	46.16	0.00	1,077.44	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--	--	--	--	--	--	--	--	--
MW-38	6/19/17	1,123.60	--	46.09	0.00	1,077.51	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--	--	--	--	--	--	--	--	--
MW-38	10/16/17	1,123.60	--	46.07	0.00	1,077.53	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--	--	--	--	--	--	--	--	--
MW-38	12/3/17	1,123.60	--	46.06	0.00	1,077.54	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--	--	--	--	--	--	--	--	--
MW-38	3/18/18	1,123.60	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-38	6/24/18	1,123.60	--	46.06	0.00	1,077.54	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--	--	--	--	--	--	--	--	--
MW-38	9/11/18	1,123.60	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-38	12/4/18	1,123.60	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-38	4/30/19	1,123.60	--	45.98	0.00	1,077.62	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--	--	--	--	--	--	--	--	--
MW-38	6/10/19	1,123.60	--	45.98	0.00	1,077.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-38	9/22/19	1,123.60	--	45.94	0.00	1,077.66	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--	--	--	--	--	--	--	--	--
MW-38	11/6/19	1,123.60	--	45.98	0.00	1,077.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-38	7/28/20	1,123.60	--	45.99	0.00	1,077.61	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--	--	--	--	--	--	--	--	--
MW-38	12/4/20	1,123.60	--	46.00	0.00	1,077.60	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--	--	--	--	--	--	--	--	--
MW-38	4/16/21	1,123.60	--	45.96	0.00	1,077.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-38	10/15/21	1,123.60	--	45.97	0.00	1,077.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-38	4/27/22	1,123.60	--	46.01	0.00	1,077.59	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--	--	--	--	--	--	--	--	--
MW-38	8/31/22	1,123.60	--	45.93	0.00	1,077.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-38	5/6/23	1,123.60	--	45.92	0.00	1,077.68	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--	--	--	--	--	--	--	--	--
MW-38	8/22/23	1,123.60	--	45.95	0.00	1,077.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-38	11/2/23	1,123.60	--	45.95	0.00	1,077.65	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--	--	--	--	--	--	--	--	--
MW-39	3/19/17	1,118.95	--	44.78	0.00	1,074.17	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--	--	--	--	--	--	--	--	--
MW-39	6/19/17	1,118.95	--	44.83	0.00	1,074.12	NOT SAMPLED DUE TO INSUFFICIENT WATER				--	--	--	--	--	--	--	--	--	--	--
MW-39	10/16/17	1,118.95	--	42.31	0.00	1,076.64	55	--	--	<0.5	<0.5	<0.5	<0.5	--	<0.0097	<0.5	--	--	--	--	--

Table 6
Groundwater Monitoring Data and Analytical Results¹
Chelan Chevron Site
Chelan, Washington
Concentrations reported in µg/L

Well ID	Date	TOC ²	DTP	DTW	LNAPLT	GWE ³	GRO	DRO ¹⁰	HRO ¹⁰	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	EDB	EDC	PCE	TCE	Vinyl Chloride	Dissolved Lead	Total Lead
		(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	800/1,000	500	500	5	1,000	700	1,000	20	0.01	5	5	5	0.2	15	15
MTCA Method A Cleanup Levels																					
MW-39	12/3/17	1,118.95	--	42.13	0.00	1,076.82	<50	<31/85	97/150	<0.5	<0.5	<0.5	<0.5	--	--	<0.5	--	--	--	--	--
MW-39	3/18/18	1,118.95	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-39	6/24/18	1,118.95	--	45.16	0.00	1,073.79	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--	--	--	--	--	--	--	--
MW-39	9/11/18	1,118.95	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-39	12/4/18	1,118.95	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-39	4/30/19	1,118.95	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-39	6/10/19	1,118.95	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-39	9/22/19	1,118.95	--	45.23	0.00	1,073.72	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--	--	--	--	--	--	--	--
MW-39	11/6/19	1,118.95	--	42.47	0.00	1,076.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-39	7/28/20	1,118.95	--	42.35	0.00	1,076.60	117	79.4/79.4	93.9/93.9	<1	<1	<1	<3	--	<0.020	<1	--	--	--	3.17	<6
MW-39	12/4/20	1,118.95	--	42.61	0.00	1,076.34	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--	--	--	--	--	--	--	--
MW-39	4/15/21	1,118.95	--	42.63	0.00	1,076.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-39	10/15/21	1,118.95	--	42.42	0.00	1,076.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-39	4/27/22	1,118.95	--	42.74	0.00	1,076.21	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--	--	--	--	--	--	--	--
MW-39	8/31/22	1,118.95	--	42.72	0.00	1,076.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-39	5/16/23	1,118.95	--	43.08	0.00	1,075.87	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--	--	--	--	--	--	--	--
MW-39	8/22/23	1,118.95	--	43.15	0.00	1,075.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-39	11/2/23	1,118.95	--	43.23	0.00	1,075.72	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--	--	--	--	--	--	--	--
MW-40	12/4/18	1,120.55	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-40	4/30/19	1,120.55	--	DRY	--	--	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--	--	--	--	--	--	--	--
MW-40	6/10/19	1,120.55	--	42.20	0.00	1,078.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-40	9/22/19	1,120.55	--	43.06	0.00	1,077.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-40	11/6/19	1,120.55	--	43.28	0.00	1,077.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-40	7/28/20	1,120.55	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-40	12/4/20	1,120.55	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-40	4/15/21	1,120.55	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-40	10/15/21	1,120.55	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-40	4/27/22	1,120.55	--	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-40	8/31/22	1,120.55	--	43.28	0.00	1,077.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-40	5/16/23	1,120.55	--	42.66	0.00	1,077.89	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--	--	--	--	--	--	--	--
MW-40	8/22/23	1,120.55	--	41.53	0.00	1,079.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-40	11/2/23	1,120.55	--	42.18	0.00	1,078.37	NOT SAMPLED DUE TO INSUFFICIENT WATER					--	--	--	--	--	--	--	--	--	--
MW-41	12/4/18	1,127.05	--	22.26	0.00	1,104.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-41	4/30/19	1,127.05	--	23.32	0.00	1,103.73	<250	37/<96	<240/<240	<1	<1	<1	<5	--	<0.029	<1	--	--	--	--	25.2
MW-41	6/10/19	1,127.05	--	24.12	0.00	1,102.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-41	9/23/19	1,127.05	--	23.08	0.00	1,103.97	<250	<96/<96	<240/<240	<1	<1	<1	<6	--	<0.029	<1	--	--	--	--	<15.0
MW-41	11/6/19	1,127.05	--	22.90	0.00	1,104.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-41	7/28/20	1,127.05	--	22.67	0.00	1,104.38	46.5	<200/<200	<250/<250	<1	<1	<1	<3	--	<0.020	<1	--	--	--	<6	<6
MW-41	12/4/20	1,127.05	--	26.25	0.00	1,100.80	38.2	81.7/81.7	172/172	<1	<1	<1	<3	--	<0.020	<1	--	--	--	<6	14.40
MW-41	4/16/21	1,127.05	--	28.31	0.00	1,098.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-41	10/15/21	1,127.05	--	28.23	0.00	1,098.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-41	4/27/22	1,127.05	--	30.06	0.00	1,096.99	<100	<200	<250	<1	<1	<1	<3	--	<0.00541	<1	--	--	--	--	<6.00
MW-41	8/31/22	1,127.05	--	29.90	0.00	1,097.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-41	5/16/23	1,127.05	--	21.97	0.00	1,105.08	<100	<200	<250	<1	<1	<1	<3	--	<0.00536	<1	--	--	--	--	<6.00
MW-41	8/22/23	1,127.05	--	22.35	0.00	1,104.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-41	11/2/23	1,127.05	--	22.47	0.00	1,104.58	<100	<200	<250	<1	<1	<1	<3	--	<0.00574	<1	--	--	--	--	<6.00
MW-42	12/4/18	1,127.79	--	23.66	0.00	1,104.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-42	4/30/19	1,127.79	--	25.83	0.00	1,101.96	<250	<100/40	<250/<250	<1	<1	<1	<5	--	<0.029	<1	--	--	--	--	60.4
MW-42	6/10/19	1,127.79	--	26.14	0.00	1,101.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-42	9/23/19	1,127.79	--	25.50	0.00	1,102.29	<250	<96/<96	<240/<240	<1	<1	<1	<6	--	<0.029	<1	--	--	--	--	<15.0
MW-42	11/6/19	1,127.79	--	25.37	0.00	1,102.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-42	7/28/20	1,127.79	--	25.32	0.00	1,102.47	43.0	<200/<200	<250/<250	<1	<1	<1	<3	--	<0.020	<1	--	--	--	<6	9.49
MW-42	12/4/20	1,127.79	--	26.58	0.00	1,101.21	47.5	<200/<200	114/114	<1	<1	<1	<3	--	<0.020	<1	--	--	--	<6	15.3
MW-42	4/16/21	1,127.79	--	27.61	0.00	1,100.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-42	10/15/21	1,127.79	--	27.40	0.00	1,100.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 6
Groundwater Monitoring Data and Analytical Results¹
Chelan Chevron Site
Chelan, Washington
Concentrations reported in µg/L

Well ID	Date	TOC ²	DTP	DTW	LNAPLT	GWE ³	GRO	DRO ¹⁰	HRO ¹⁰	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	EDB	EDC	PCE	TCE	Vinyl Chloride	Dissolved Lead	Total Lead
		(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	800/1,000	500	500	5	1,000	700	1,000	20	0.01	5	5	5	0.2	15	15
MTCA Method A Cleanup Levels																					
MW-42	4/27/22	1,127.79	--	29.09	0.00	1,098.70	<100	<200	<250	<1	<1	<1	<3	--	<0.00557	<1	--	--	--	--	<6.00
MW-42	8/31/22	1,127.79	--	29.05	0.00	1,098.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-42	5/16/23	1,127.79	--	24.06	0.00	1,103.73	<100	<200	<250	<1	<1	<1	<3	--	<0.00568	<1	--	--	--	--	<6.00
MW-42	8/22/23	1,127.79	--	24.50	0.00	1,103.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-42	11/2/23	1,127.79	--	24.55	0.00	1,103.24	<100	<200	<250	<1	<1	<1	<3	--	<0.00568	<1	--	--	--	--	<6.00
MW-43	12/4/18	1,128.22	--	22.38	0.00	1,105.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-43	4/30/19	1,128.22	--	24.01	0.00	1,104.21	<250	<95/30	<240/<240	<1	<1	<1	<5	--	<0.029	<1	--	--	--	--	8.9
MW-43	6/10/19	1,128.22	--	24.61	0.00	1,103.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-43	9/22/19	1,128.22	--	23.75	0.00	1,104.47	<250	<96/98	<240/<240	<1	<1	<1	<6	--	<0.029	<1	--	--	--	--	<15.0
MW-43	11/6/19	1,128.22	--	23.62	0.00	1,104.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-43	7/28/20	1,128.22	--	24.11	0.00	1,104.11	<100	<200/<200	<250/<250	<1	<1	<1	<3	--	<0.020	<1	--	--	--	--	<6
MW-43	12/4/20	1,128.22	--	25.07	0.00	1,103.15	44.90	<200/<200	93.7/93.7	<1	<1	<1	0.218	--	<0.020	<1	--	--	--	--	<6
MW-43	4/16/21	1,128.22	--	26.07	0.00	1,102.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-43	10/15/21	1,128.22	--	25.41	0.00	1,102.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-43	4/27/22	1,128.22	--	27.52	0.00	1,100.70	<100	<200	<250	<1	<1	<1	<3	--	<0.00563	<1	--	--	--	--	<6.00
MW-43	8/31/22	1,128.22	--	27.40	0.00	1,100.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-43	5/16/23	1,128.22	--	22.40	0.00	1,105.82	<100	<200	<250	<1	<1	<1	<3	--	<0.00552	<1	--	--	--	--	<6.00
MW-43	8/22/23	1,128.22	--	22.71	0.00	1,105.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-43	11/3/23	1,128.22	--	22.72	0.00	1,105.50	<100	<200	<250	<1	<1	<1	<3	--	<0.00547	<1	--	--	--	--	<6.00
MW-44	12/4/18	1,125.66	--	24.16	0.00	1,101.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-44	4/30/19	1,125.66	26.07	26.99	0.92	1,099.41	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL														
MW-44	6/10/19	1,125.66	26.29	27.14	0.85	1,099.20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-44	9/22/19	1,125.66	25.46	26.13	0.67	1,100.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-44	11/6/19	1,125.66	25.42	26.03	0.61	1,100.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-44	7/28/20	1,125.66	27.03	27.93	0.90	1,098.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-44	12/4/20	1,125.66	27.54	28.43	0.89	1,097.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-44	4/16/21	1,125.66	28.57	29.25	0.68	1,096.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-44	10/15/21	1,125.66	28.22	28.65	0.43	1,097.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-44	4/27/22	1,125.66	29.66	30.28	0.62	1,095.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-44	8/31/22	1,125.66	28.45	28.77	0.32	1,097.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-44	5/18/23	1,125.66	--	23.72	0.00	1,101.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-44	8/22/23	1,125.66	--	23.70	0.00	1,101.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-44	11/4/23	1,125.66	--	22.67	0.00	1,102.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-45	12/4/18	1,126.37	--	23.32	0.00	1,103.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-45	4/30/19	1,126.37	--	26.00	0.00	1,100.37	32	130/160	<260/<260	<1	<1	<1	<5	--	<0.030	<1	--	--	--	--	55.2
MW-45	6/10/19	1,126.37	--	26.40	0.00	1,099.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-45	9/22/19	1,126.37	--	25.49	0.00	1,100.88	<250	<96/<96	<240/<240	<1	<1	<1	<6	--	<0.029	<1	--	--	--	--	14.6
MW-45	11/6/19	1,126.37	--	25.41	0.00	1,100.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-45	7/28/20	1,126.37	--	26.39	0.00	1,099.98	52.6	<200/<200	<250/<250	<1	<1	<1	<3	--	<0.020	<1	--	--	--	3.94	23.50
MW-45	12/4/20	1,126.37	--	27.20	0.00	1,099.17	40.6	<200/<200	85.7/85.7	<1	<1	<1	<3	--	<0.020	<1	--	--	--	<6	14.5
MW-45	4/16/21	1,126.37	--	28.15	0.00	1,098.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-45	10/15/21	1,126.37	--	27.71	0.00	1,098.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-45	4/27/22	1,126.37	--	29.39	0.00	1,096.98	104 B	<200	<250	<1	<1	<1	<3	--	0.00606	<1	--	--	--	--	<6.00
MW-45	8/31/22	1,126.37	--	28.62	0.00	1,097.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-45	5/16/23	1,126.37	--	24.12	0.00	1,102.25	<100	<200	<250	<1	<1	<1	<3	--	<0.00557	<1	--	--	--	--	<6.00
MW-45	8/22/23	1,126.37	--	24.18	0.00	1,102.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-45	11/3/23	1,126.37	--	23.86	0.00	1,102.51	<100	<200	<250	<1	<1	<1	<3	--	<0.00552	<1	--	--	--	--	<6.00
MW-46	12/4/18	1,125.69	--	24.95	0.00	1,100.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-46	4/30/19	1,125.69	--	27.78	0.00	1,097.91	10,000	1,200/1,500	<240/86	510	19	380	420	--	0.50	2	--	--	--	--	61.7
MW-46	6/10/19	1,125.69	--	28.34	0.00	1,097.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-46	9/22/19	1,125.69	--	27.10	0.00	1,098.59	8,300	76/1,500	<250/<250	340	13	350	350	--	0.44	<5	--	--	--	--	<15.0
MW-46	11/6/19	1,125.69	--	26.88	0.00	1,098.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-46	7/28/20	1,125.69	--	27.83	0.00	1,097.86	5,850	339/1,730	<250/302	352	14.0	126	78.4	--	0.0505	<1	--	--	--	3.14	26.6
MW-46	12/4/20	1,125.69	--	28.80	0.00	1,096.89	4,420	237/1,960	<250/166	352	17.4	137	90.9	--	0.0355	<10	--	--	--	4.30	7.19

Table 6
Groundwater Monitoring Data and Analytical Results¹
Chelan Chevron Site
Chelan, Washington
Concentrations reported in µg/L

Well ID	Date	TOC ²	DTP	DTW	LNAPLT	GWE ³	GRO	DRO ¹⁰	HRO ¹⁰	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	EDB	EDC	PCE	TCE	Vinyl Chloride	Dissolved Lead	Total Lead
		(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	800/1,000	500	500	5	1,000	700	1,000	20	0.01	5	5	5	0.2	15	15
MTCA Method A Cleanup Levels																					
MW-46	4/16/21	1,125.69	--	30.07	0.00	1,095.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-46	10/15/21	1,125.69	--	29.95	0.00	1,095.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-46	4/27/22	1,125.69	--	31.84	0.00	1,093.85	8,000	2,160	<250	272	15.4	219	76.3	--	<0.00590	<1	<1	<0.4	0.630 J	--	<6.00
MW-46	8/31/22	1,125.69	--	30.44	0.00	1,095.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-46	5/16/23	1,125.69	--	24.58	0.00	1,101.11	8,520	3,460	<250	303	26.8	656	680	--	0.0956	<0.1	<0.1	<0.04	<0.1	--	<6.00
MW-46	8/22/23	1,125.69	--	24.70	0.00	1,100.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-46	11/3/23	1,125.69	--	24.45	0.00	1,101.24	8,810	3,100	254	464	31.7	720	785	--	0.0794	<0.1	<0.1	<0.04	<0.1	--	<6.00
RW-1	12/4/18	1,125.83	--	31.83	0.00	1,094.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-1	4/30/19	1,125.83	--	37.03	0.00	1,088.80	62,000	3,100/3,000	210/330	3,300	1,900	1,800	9,600	--	0.89	5	--	--	--	--	<15.0
RW-1	6/10/19	1,125.83	--	37.38	0.00	1,088.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-1	9/22/19	1,125.83	--	35.67	0.00	1,090.16	49,000	180/4,100	<240/420	3,400	1,900	2,200	9,900	--	0.67	6	--	--	--	--	<15.0
RW-1	11/6/19	1,125.83	--	35.24	0.00	1,090.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-1	7/28/20	1,125.83	--	34.81	0.00	1,091.02	39,800	1,590/5,640	<250/987	2,630	952	1,870	7,080	--	0.341	<10	--	--	--	5.46	<6
RW-1	12/4/20	1,125.83	--	34.64	0.00	1,091.19	30,200	3,090/6,450	<250/1,030	1,800	769	1,490	5,480	--	0.242	<10	--	--	--	<6	<6
RW-1	4/16/21	1,125.83	--	35.66	0.00	1,090.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-1	10/15/21	1,125.83	--	35.08	0.00	1,090.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-1	4/27/22	1,125.83	--	36.99	0.00	1,088.84	55,100	3,860	<250	2,470	998	2,120	5,570	--	0.416	7.64	<1	<0.4	0.760 J	--	<6.00
RW-1	8/31/22	1,125.83	--	35.52	0.00	1,090.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-1	5/17/23	1,125.83	--	30.99	0.00	1,094.84	22,300	7,070	1,110	1,110	631	1,050	2,520	--	0.0557	6.91	<1	<0.4	<0.273	--	<6.00
RW-1	8/22/23	1,125.83	--	30.96	0.00	1,094.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-1	11/4/23	1,125.83	--	30.26	0.00	1,095.57	25,700	8,240	1,130	1,310	688	1,330	2,760	--	0.0626	5.00 J	<5	<2	<1.36	--	<6.00
RW-2	12/4/18	1,124.69	37.86	37.96	0.10	1,086.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-2	4/30/19	1,124.69	40.41	41.26	0.85	1,084.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-2	6/10/19	1,124.69	40.85	42.00	1.15	1,083.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-2	9/22/19	1,124.69	39.28	40.20	0.92	1,085.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-2	11/6/19	1,124.69	39.18	40.32	1.14	1,085.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-2	7/28/20	1,124.69	40.61	42.00	1.39	1,083.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-2	12/4/20	1,124.69	41.14	42.60	1.46	1,083.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-2	4/16/21	1,124.69	42.49	43.75	1.26	1,081.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-2	10/15/21	1,124.69	41.63	42.88	1.25	1,082.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-2	4/27/22	1,124.69	43.53	44.68	1.15	1,080.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-2	8/31/22	1,124.69	42.28	43.47	1.19	1,082.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-2	5/17/23	1,124.69	--	--	--	--	UNABLE TO ACCESS	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-2	8/22/23	1,124.69	--	--	--	--	UNABLE TO ACCESS	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-2	11/4/23	1,124.69	--	--	--	--	UNABLE TO ACCESS	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-3	12/4/18	1,126.99	--	24.94	0.00	1,102.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-3	4/30/19	1,126.99	--	23.39	0.00	1,103.60	1800	<96/900	<240/84	1	1	3	76	--	0.023	0.6	--	--	--	--	<15.0
RW-3	6/10/19	1,126.99	--	27.99	0.00	1,099.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-3	9/23/19	1,126.99	--	27.16	0.00	1,099.83	1300	<96/1100	<240/120	1	1	4	28	--	0.014	<1	--	--	--	--	<15.0
RW-3	11/6/19	1,126.99	--	27.12	0.00	1,099.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-3	7/28/20	1,126.99	--	28.00	0.00	1,098.99	811	207/1320	<250/229	0.590	0.461	0.771	0.715	--	<0.020	<1	--	--	--	<6	<6
RW-3	12/4/20	1,126.99	--	29.20	0.00	1,097.79	529	<200/617	<250/171	0.293	0.282	0.690	<3	--	<0.020	<1	--	--	--	<6	3.73
RW-3	4/6/21	1,126.99	--	31.19	0.00	1,095.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-3	10/15/21	1,126.99	--	31.23	0.00	1,095.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-3	4/27/22	1,126.99	--	33.08	0.00	1,093.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-3	8/31/22	1,126.99	--	32.09	0.00	1,094.90	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-3	5/17/23	1,126.99	--	24.29	0.00	1,102.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-3	8/22/23	1,126.99	--	24.73	0.00	1,102.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
RW-3	11/3/23	1,126.99	--	--	--	--	UNABLE TO ACCESS	--	--	--	--	--	--	--	--	--	--	--	--	--	--
QA	9/23/98	--	--	--	--	--	ND	--	--	ND	ND	ND	ND	--	--	--	--	--	--	--	--
QA	3/20/99	--	--	--	--	--	ND	--	--	ND	ND	ND	ND	--	--	--	--	--	--	--	--
QA	9/2/99	--	--	--	--	--	ND	--	--	ND	ND	ND	ND	--	--	--	--	--	--	--	--
QA	5/10/00	--	--	--	--	--	ND	--	--	ND	ND	ND	ND	ND	--	ND	--	--	--	--	--
QA	11/11/00	--	--	--	--	--	ND	--	--	ND	ND	ND	ND	--	--	--	--	--	--	--	--

Table 6
Groundwater Monitoring Data and Analytical Results¹
Chelan Chevron Site
Chelan, Washington
Concentrations reported in µg/L

Well ID	Date	TOC ² (ft.)	DTP (ft.)	DTW (ft.)	LNAPLT (ft.)	GWE ³ (ft.)	GRO	DRO ¹⁰	HRO ¹⁰	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	EDB	EDC	PCE	TCE	Vinyl Chloride	Dissolved Lead	Total Lead
MTCA Method A Cleanup Levels							800/1,000	500	500	5	1,000	700	1,000	20	0.01	5	5	5	0.2	15	15
QA	2/26/01	--	--	--	--	--	ND	--	--	ND	ND	ND	ND	--	--	--	--	--	--	--	--
QA	5/25/01	--	--	--	--	--	<50	--	--	<0.50	<0.50	<0.50	<0.50	<2.5	--	<2.5	--	--	--	--	--
QA	8/17/01	--	--	--	--	--	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--	--	--
QA	11/9/01	--	--	--	--	--	<100	--	--	<0.500	<1.00	<1.00	<1.50	--	--	--	--	--	--	--	--
QA	1/24/02	--	--	--	--	--	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--	--	--
QA	5/19/02	--	--	--	--	--	<50	--	--	<0.50	<0.50	<0.50	<1.5	<2.5	--	<2.5	--	--	--	--	--
QA	7/16/02	--	--	--	--	--	<50	--	--	<0.50	<0.50	<0.50	<1.5	<2.5	--	<2.5	--	--	--	--	--
QA	2/24/03	--	--	--	--	--	<50	--	--	<0.50	<0.50	<0.50	<1.5	<2.5	--	<2.5	--	--	--	--	--
QA	4/1-4/03	--	--	--	--	--	<50	--	--	<0.5	1	<0.5	<1.5	--	--	--	--	--	--	--	--
QA	7/15/03	--	--	--	--	--	<50	--	--	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
QA	10/23/03	--	--	--	--	--	<50	--	--	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
QA	1/14/04	--	--	--	--	--	<50	--	--	<0.2	<0.2	<0.2	<0.6	--	--	--	--	--	--	--	--
QA	1/14/04	--	--	--	--	--	<50	--	--	<0.2	<0.2	<0.2	<0.6	--	--	--	--	--	--	--	--
QA	4/13/04	--	--	--	--	--	<50	--	--	<0.5	<0.5	<0.5	<1.5	<2.5	--	<2.5	--	--	--	--	--
QA	4/14/04	--	--	--	--	--	<50	--	--	<0.5	<0.5	<0.5	<1.5	<2.5	--	<2.5	--	--	--	--	--
QA	4/14/04	--	--	--	--	--	<48	--	--	<0.5	<0.5	<0.5	<1.5	<2.5	--	<2.5	--	--	--	--	--
QA	7/13/04	--	--	--	--	--	<50	--	--	<0.5	<0.5	<0.5	<1.5	<2.5	--	<2.5	--	--	--	--	--
QA	7/14/04	--	--	--	--	--	<50	--	--	<0.5	<0.5	<0.5	<1.5	<2.5	--	<2.5	--	--	--	--	--
QA	10/13/04	--	--	--	--	--	<50	--	--	<0.5	<0.5	<0.5	<1.5	<2.5	--	<2.5	--	--	--	--	--
QA	10/14/04	--	--	--	--	--	<50	--	--	<0.5	<0.5	<0.5	<1.5	<2.5	--	<2.5	--	--	--	--	--
QA	1/12/05	--	--	--	--	--	<50	--	--	<0.5	<0.5	<0.5	<1.5	<2.5	--	<2.5	--	--	--	--	--
QA	5/5/05	--	--	--	--	--	<48	--	--	<0.5	<0.5	<0.5	<1.5	<2.5	--	<2.5	--	--	--	--	--
QA	7/13/05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
QA	10/26/05	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
QA	3/14/06	--	--	--	--	--	<48	--	--	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
QA	3/14/06	--	--	--	--	--	<48	--	--	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
QA	10/2/06	--	--	--	--	--	<48	--	--	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
QA	5/22/07	--	--	--	--	--	<50	--	--	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
QA	11/6/07	--	--	--	--	--	<51	--	--	<0.5	<0.5	<0.5	<1.6	--	--	--	--	--	--	--	--
QA	5/14/08	--	--	--	--	--	<50	--	--	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
QA	5/15/08	--	--	--	--	--	<50	--	--	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
QA	5/15/08	--	--	--	--	--	<50	--	--	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
QA	5/18-19/09	--	--	--	--	--	<50	--	--	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
QA	5/18-20/10	--	--	--	--	--	<50	--	--	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
QA	5/18-20/10	--	--	--	--	--	<50	--	--	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
QA	8/23/10	--	--	--	--	--	<50	--	--	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
QA	5/5/11	--	--	--	--	--	<50	--	--	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
QA	5/22/12	--	--	--	--	--	<50	--	--	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
QA	5/14/13	--	--	--	--	--	<50	--	--	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
QA	5/15/13	--	--	--	--	--	<50	--	--	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
QA	5/6/14	--	--	--	--	--	<50	--	--	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
QA	6/19/15	--	--	--	--	--	<50	--	--	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
QA	9/21/15	--	--	--	--	--	<50	--	--	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
QA	12/9/15	--	--	--	--	--	<50	--	--	<0.2	<0.2	<0.2	<0.2	--	--	--	--	--	--	--	--
QA	3/14/16	--	--	--	--	--	<50	--	--	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
QA	6/22/16	--	--	--	--	--	<50	--	--	<0.5	<0.5	<0.5	<1.5	--	--	--	--	--	--	--	--
QA	9/11-12/16	--	--	--	--	--	<50	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
QA	3/19/17	--	--	--	--	--	<50	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
QA	6/19/17	--	--	--	--	--	<50	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
QA	10/16/17	--	--	--	--	--	<50	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
QA	12/3/17	--	--	--	--	--	<50	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--	--	--
QA	3/19/18	--	--	--	--	--	<250	--	--	<1	<1	<1	<1	--	--	--	--	--	--	--	--
QA	6/25/18	--	--	--	--	--	<250	--	--	<1	<1	<1	<1	--	--	--	--	--	--	--	--
QA	9/11/18	--	--	--	--	--	<250	--	--	<1	<1	<1	<1	--	--	--	--	--	--	--	--
QA	10/25/18	--	--	--	--	--	--	--	--	<1	<1	<1	<1	--	--	--	--	--	--	--	--
QA	11/4/18	--	--	--	--	--	<250	--	--	<1	<1	<1	<1	<1	<1	<1	--	--	--	--	--
QA	4/30/19	--	--	--	--	--	<250	--	--	<1	<1	<1	<1	--	--	--	--	--	--	--	--
QA	9/22/19	--	--	--	--	--	<250	--	--	<1	<1	<1	<1	--	--	--	--	--	--	--	--

Table 6
Groundwater Monitoring Data and Analytical Results¹
Chelan Chevron Site
Chelan, Washington
Concentrations reported in µg/L

Well ID	Date	TOC ² (ft.)	DTP (ft.)	DTW (ft.)	LNAPLT (ft.)	GWE ³ (ft.)	GRO	DRO ¹⁰	HRO ¹⁰	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	EDB	EDC	PCE	TCE	Vinyl Chloride	Dissolved Lead	Total Lead
MTCA Method A Cleanup Levels							800/1,000	500	500	5	1,000	700	1,000	20	0.01	5	5	5	0.2	15	15
QA	7/29/20		--	--	--		63.4	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--
QA	12/4/20		--	--	--		37.5	--	--	<1	<1	<1	<3	--	--	--	--	--	--	--	--
QA	4/28/22		--	--	--		<100	--	--	<1	<1	<1	<3	--	<0.00584	<1	--	--	--	--	--
QA	4/29/22		--	--	--		<100	--	--	<1	<1	<1	<3	--	<0.00536	<1	--	--	--	--	--
QA	5/16/23		--	--	--		<100	--	--	<1	<1	<1	<3	--	<0.00536	<1	--	--	--	--	--
QA	5/17/23		--	--	--		<100	--	--	<1	<1	<1	<3	--	<0.00536	<1	--	--	--	--	--
QA	11/2/23		--	--	--		<100	--	--	<1	<1	<1	<3	--	<0.00568	<1	--	--	--	--	--
QA	11/3/23		--	--	--		<100	--	--	<1	<1	<1	<3	--	<0.00563	<1	--	--	--	--	--

Abbreviations:

TOC = Top of casing elevation

DTP = Depth to Product (LNAPL)

DTW = Depth to Water

LNAPLT - Light non-aqueous phase liquid thickness

GWE = Groundwater Elevation

(ft.) = Feet

-- = Not Measured/Not Analyzed

DRO = Diesel-range organics

GRO = Gasoline-range organics

HRO = Heavy oil-range organics

EDB = Ethylene dibromide

EDC = Ethylene dichloride

(D) = Duplicate

µg/L = Micrograms per liter

Notes:

1 Analytical results in bold font indicate concentrations exceeding MTCA Method A cleanup levels.

2 TOC elevations based on elevation survey performed by OTAK for Arcadis on 10/24/2019. Elevation datum is North American Vertical Datum of 1988 (NAVD 88).

To facilitate comparison of current groundwater elevation data to data presented in previous reports, groundwater elevation data collected prior to 10/24/2019 has been revised in this table to be relative to the NAVD 88.

For monitoring wells abandoned prior to the OTAK survey on 10/24/2019, the TOC elevations presented in this table have been estimated using past and current TOC elevation data from existing nearby monitoring wells.

TOC elevation for monitoring well MW-27 modified on 8/31/2022. Subsequent monitoring events will utilize new TOC elevation of 1,127.62 feet above NAVD 88.

3 When LNAPL is present, GWE has been corrected using the following formula: $GWE = [(TOC - DTW) + (LNAPLT \times 0.80)]$.

4 Laboratory analytical methods for historical data may not be consistent with list of current analytical methods. When necessary, consult original laboratory reports to verify methods used.

5 Analyzed with silica-gel clean up.

6 Absorbent sock installed in well.

7 MTBE by USEPA Method 8260.

8 Unable to measure interface of product and water; therefore, GWE can not be determined. When present, LNALT has been estimated using the following formula: $LNAPLT = \text{Total Well Depth} - \text{DTP}$

9 Insufficient water to determine GWE.

10 TPH-DRO and TPH-HRO results with multiple values are reported as follows: with silica gel cleanup/without silica gel cleanup.

Table 7
Summary of SRI Phase 1 Tier 2 VI Assessment Sampling Results
Chelan Chevron Site
Chelan, Washington

Location	Sample ID ²	Sample Type	Benzene (µg/m3)	Toluene (µg/m3)	Ethyl- benzene (µg/m3)	m,p - Xylene (µg/m3)	o - Xylene (µg/m3)	MTBE (µg/m3)	Naphthalene (µg/m3)	C ₅ - C ₈ Aliphatics (µg/m3)	C ₉ - C ₁₂ Aliphatics (µg/m3)	C ₉ - C ₁₀ Aromatics (µg/m3)	Oxygen (%)	Nitrogen (%)	Carbon Dioxide (%)	Methane (%)	Helium (ppmV)	Helium (%)
Sidewalk north of 140 East Woodin Ave	OA-01-062315	Outdoor air	0.77	2.0	0.36	1.3	0.46	< 0.036	< 0.068	---	---	---	22	78	0.040	0.00020	---	< 0.094
	OA-01-022316	Outdoor air	0.93B	2.8	0.55	1.9	0.67	< 0.011	0.080J	26	< 13	< 3.3	22.2	77.8	< 0.13	< 0.13	< 4.9	< 0.00049
Sidewalk north of 222 East Woodin Ave	OA-02-062315	Outdoor air	0.43	1.4	0.27	0.96	0.35	< 0.035	< 0.066	---	---	---	21	79	0.039	0.00019	---	< 0.091
	OA-02-022316	Outdoor air	1.1B	2.2	0.41	1.2	0.46	< 0.012	0.060J	42	< 15	< 3.6	22.2	77.8	< 0.15	< 0.15	88	0.0088
SE corner of E Woodin Ave and S Emerson St	OA-03-062315	Outdoor air	0.52	1.4	0.26	0.91	0.32	< 0.035	< 0.066	---	---	---	21	79	0.039	0.00019	---	< 0.092
	OA-03-022316	Outdoor air	0.94B	2.2	0.34	1.1	0.4	< 0.012	0.14	31	< 14	< 3.5	22.2	77.8	< 0.14	< 0.14	< 5.2	< 0.00052
Flag pole at Riverfront Park	OA-04-062315 ³	Outdoor air	~~0.14J~~	~~0.40~~	~~0.071J~~	~~0.24J~~	~~0.084J~~	~~< 0.028~~	~~< 0.052~~	---	---	---	16	84	0.030	0.00014	---	< 0.072
	OA-04-022316	Outdoor air	0.60B	0.95	0.13	0.41	0.15	< 0.012	< 0.021	< 30	< 15	< 3.8	22.2	77.7	< 0.15	< 0.15	< 5.7	< 0.00057
In parking lot near MW-30	OA-05-062315	Outdoor air	0.42	1.8	0.28	1.0	0.34	< 0.037	0.081J	---	---	---	21	79	0.039	0.00022	---	< 0.096
	OA-05-022316	Outdoor air	0.047J,B	< 0.015	< 0.013	< 0.026	< 0.012	< 0.013	< 0.022	< 31	< 16	< 3.9	22.2	77.8	< 0.16	< 0.16	< 5.8	< 0.00058
233 East Wapato Ave	IA-233EWA-062315	Indoor air	1.0	17	10	22	5.2	< 0.029	1.4	---	---	---	21	79	0.044	0.00019	---	< 0.075
	IA-233EWA-022316	Indoor air	1.3B	33	20	49	11	0.046	< 0.020	270	53	17	22.2	77.8	< 0.14	< 0.14	< 5.0	< 0.00050
	SSVP-01-062415	Sub-slab	0.19J	.70J	0.48J	1.1	0.24J	< 0.19	< 0.68	---	---	---	21	78	0.32	< 0.00021	---	0.29
	SSVP-01-022416	Sub-slab	< 0.54	4.5	1.1J	2.7J	0.69J	< 0.57	0.85J	< 68	< 34	< 8.4	21.6	78.0	0.350	< 0.14	3,500	0.35
222 East Woodin Ave	IA-222EWA-062315	Indoor air	0.27	1.1	0.23	0.60	0.23	< 0.032	< 0.060	---	---	---	22	78	0.065	0.00020	---	< 0.083
	IA-222EWA-022316	Indoor air	1.0B	7.1	0.9	3.3	1.1	< 0.012	0.077J	57	18	4.0	22.1	77.8	< 0.15	< 0.15	< 5.6	< 0.00056
	SSVP-02-062415	Sub-slab	0.22J	0.18J	< 0.34	< 0.23	< 0.19	< 0.20	< 0.72	---	---	---	21	78	0.56	< 0.00022	---	< 0.11
	SSVP-02-022416	Sub-slab	1.2J	1.6J	< 0.57	< 1.1	< 0.54	< 0.61	< 0.64	< 72	< 36	< 8.9	22.0	77.9	< 0.14	< 0.14	390	0.039
	SSVP-03-062415	Sub-slab	< 0.17	0.12J	< 0.33	< 0.22	< 0.18	< 0.19	< 0.68	---	---	---	20	79	1.0	< 0.00021	---	< 0.10
	SSVP-03-022416	Sub-slab	< 0.56	1.0J	< 0.56	< 1.1	< 0.53	< 0.60	< 0.63	< 71	< 35	< 8.8	21.1	78.0	0.933	< 0.14	430	0.043
216 East Woodin Ave	IA-216EWA-062315	Indoor air	0.29	4.7	1.1	3.2	1.7	0.032J	1.1	---	---	---	21	79	0.048	0.00021	---	< 0.080
	IA-216EWA-022316	Indoor air	0.69B	4.5	0.47	1.4	0.64	0.017J	0.58	99	36	5.1	22.2	77.8	< 0.14	< 0.14	< 5.0	< 0.00050
	SSVP-04-062415	Sub-slab	0.24J	3.2	1.8	12	5.8	< 0.18	13	---	---	---	21	78	0.14	< 0.00020	---	0.32
	SSVP-04-022416*	Sub-slab	< 0.57	0.96J	< 0.57	< 1.1	< 0.53	< 0.60	< 0.64	< 71	< 36	< 8.9	22.1	77.8	< 0.14	< 0.14	2,800	0.28
	Duplicate-022416*	Sub-slab	3.7	1.2J	< 0.56	< 1.1	< 0.53	< 0.60	< 0.63	< 71	< 35	< 8.8	22.1	77.8	< 0.14	< 0.14	2,700	0.27
	SSVP-05-062415	Sub-slab	0.19J	1.3	0.52J	1.5	1.1	< 0.19	< 0.68	---	---	---	21	78	0.050	< 0.00021	---	0.67
	SSVP-05-022416	Sub-slab	< 0.56	1.3J	< 0.56	< 1.1	< 0.53	< 0.60	< 0.63	140	< 35	< 8.8	22.2	77.8	< 0.14	< 0.14	6,400	0.64
212 East Woodin Ave	IA-212EWA-062315	Indoor air	0.64	7.1	0.88	1.6	0.73	< 0.030	0.80	---	---	---	22	78	0.069	0.00022	---	< 0.078
	IA-212EWA-022316	Indoor air	1.2B	12	1.4	4.1	1.5	0.029J	0.12	---	---	---	22.2	77.8	< 0.13	< 0.13	< 4.8	< 0.00048
	SSVP-06-062515*	Sub-slab	< 0.17	0.37J	< 0.32	< 0.22	< 0.18	< 0.18	< 0.68	---	---	---	21	79	0.18	< 0.00021	---	0.12
	Duplicate-062515*	Sub-slab	0.30J	0.26J	< 0.32	< 0.22	< 0.18	< 0.18	< 0.67	---	---	---	21	79	0.18	< 0.00020	---	0.12
	SSVP-06-022416	Sub-slab	< 0.57	9.2	< 0.57	1.3J	< 0.54	< 0.61	< 0.64	---	---	---	22.1	77.8	< 0.14	< 0.14	600	0.06
206 East Woodin Ave	IA-206EWA-062315	Indoor air	2.5	21	3.3	11	4.6	6.5	7.8	---	---	---	21	79	0.069	0.00020	---	< 0.079
	IA-206EWA-022316	Indoor air	0.39B	11	0.29	0.93	0.4	< 0.012	0.090J	44	< 14	< 3.5	22.2	77.8	< 0.14	< 0.14	< 5.2	< 0.00052
	SSVP-07-062515	Sub-slab	< 0.16	0.59J	< 0.31	< 0.21	< 0.18	< 0.18	< 0.66	---	---	---	21	78	0.088	< 0.00020	---	0.62
	SSVP-07-022616	Sub-slab	< 0.56	4.5	< 0.56	< 1.0	< 0.52	< 0.59	< 0.63	< 70	< 35	< 8.7	22.1	77.8	< 0.14	< 0.14	2,800	0.28
	SSVP-08-062515	Sub-slab	< 0.17	0.21J	< 0.32	< 0.22	< 0.18	< 0.18	< 0.67	---	---	---	21	79	0.073	< 0.00020	---	0.25
	SSVP-08-022616	Sub-slab	< 0.59	7.6	< 0.59	< 1.1	< 0.56	< 0.63	< 0.67	< 74	< 37	< 9.3	22.2	77.8	< 0.14	< 0.14	2,100	0.21

Table 7 Summary of SRI Phase 1 Tier 2 VI Assessment Sampling Results Chelan Chevron Site Chelan, Washington																		
Location	Sample ID ²	Sample Type	Benzene (µg/m3)	Toluene (µg/m3)	Ethyl- benzene (µg/m3)	m,p - Xylene (µg/m3)	o - Xylene (µg/m3)	MTBE (µg/m3)	Naphthalene (µg/m3)	C ₅ - C ₈ Aliphatics (µg/m3)	C ₉ - C ₁₂ Aliphatics (µg/m3)	C ₉ - C ₁₀ Aromatics (µg/m3)	Oxygen (%)	Nitrogen (%)	Carbon Dioxide (%)	Methane (%)	Helium (ppmV)	Helium (%)
204 East Woodin Ave	IA-204EWA-062315	Indoor air	0.28	2.1	0.35	1.1	0.35	< 0.032	2.4	---	---	---	21	79	0.052	0.00021	---	< 0.084
	IA-204EWA-022316	Indoor air	0.64B	2.9	0.34	1.1	0.39	< 0.013	0.47	---	---	---	22.2	77.8	< 0.16	< 0.16	< 5.7	< 0.00057
	SSVP-09-062415	Sub-slab	0.19J	1.1	0.57J	1.0	0.43J	< 0.19	1.8J	---	---	---	21	79	0.23	< 0.00021	---	< 0.11
	SSVP-09-022516*	Sub-slab	< 0.56	< 0.60	< 0.56	< 1.1	< 0.53	< 0.60	< 0.63	---	---	---	22.1	77.8	< 0.14	< 0.14	240	0.024
	Duplicate-022516*	Sub-slab	< 0.55	0.91J	< 0.55	< 1.0	< 0.51	< 0.58	< 0.62	---	---	---	22.1	77.8	< 0.14	< 0.14	260	0.026
	SSVP-10-062515	Sub-slab	0.24J	3.5	0.40J	1.0	0.48J	< 0.19	< 0.69	---	---	---	21	79	0.10	< 0.00021	---	< 0.11
	SSVP-10-022516	Sub-slab	< 0.55	0.86J	< 0.55	< 1.0	< 0.51	< 0.58	< 0.62	---	---	---	22.2	77.8	< 0.14	< 0.14	130	0.013
113 South Emerson St	IA-113SES-062315	Indoor air	0.30	2.4	0.31	0.66	0.25	< 0.029	0.21J	---	---	---	21	79	0.056	0.00019	---	< 0.076
	IA-113SES-022316*	Indoor air	0.50B	1.5	0.20	0.61	0.22	< 0.012	0.23	---	---	---	22.2	77.8	< 0.14	< 0.14	< 5.2	< 0.00052
	Duplicate-022316*	Indoor air	0.047J,B	0.035J	< 0.012	< 0.024	< 0.011	< 0.012	< 0.020	---	---	---	22.2	77.8	< 0.14	< 0.14	< 5.2	< 0.00052
	SSVP-11-062515	Sub-slab	0.30J	0.28J	< 0.33	< 0.22	< 0.18	< 0.19	< 0.69	---	---	---	20	79	0.69	< 0.00021	---	0.20
	SSVP-11-022516	Sub-slab	< 0.57	3.3	< 0.57	< 1.1	< 0.54	< 0.61	< 0.64	---	---	---	21.5	78.1	0.459	< 0.14	1,500	0.15
146 East Woodin Ave	IA-146EWA-062315	Indoor air	0.64	7.9	4.3	11	3.7	< 0.032	0.69	---	---	---	21	79	0.066	0.00022	< 0.082	< 0.082
	IA-146EWA-022316	Indoor air	0.53B	4.8	1.4	3.4	1.2	< 0.011	< 0.020	120	27	4.5	22.2	77.8	< 0.14	< 0.14	< 5.1	< 0.00051
	SSVP-12-062415*	Sub-slab	< 0.17	< 0.096	< 0.32	< 0.22	< 0.18	< 0.19	< 0.68	---	---	---	20	79	0.57	< 0.00021	---	< 0.10
	Duplicate-062415*	Sub-slab	< 0.17	0.11J	< 0.33	< 0.22	< 0.18	< 0.19	< 0.69	---	---	---	20	79	0.57	< 0.00021	---	< 0.11
	SSVP-12-022416	Sub-slab	< 0.55	0.87J	< 0.55	< 1.0	< 0.52	< 0.59	< 0.62	260	39	< 8.6	20.0	79.1	0.901	< 0.14	32	0.0032
140 East Woodin Ave	IA-140EWA-062315	Indoor air	0.56	2.9	0.56	1.8	0.73	< 0.031	0.17J	---	---	---	21	79	0.053	0.00020	---	< 0.080
	IA-140EWA-022316	Indoor air	0.69B	3.7	0.47	1.7	0.60	< 0.012	1.1	---	---	---	22.2	77.8	< 0.14	< 0.14	< 5.4	< 0.00054
	SSVP-13-062515	Sub-slab	0.32J	0.70J	< 0.31	0.46J	< 0.18	< 0.18	< 0.66	---	---	---	21	79	0.087	< 0.00020	---	< 0.10
	SSVP-13-022516	Sub-slab	< 0.56	1.1J	< 0.56	< 1.1	< 0.53	< 0.60	< 0.63	---	---	---	22.1	77.8	< 0.14	< 0.14	9,300	0.93
	SSVP-14-062515	Sub-slab	0.20J	0.29J	< 0.33	< 0.22	< 0.18	< 0.19	< 0.68	---	---	---	21	79	0.12	< 0.00021	---	0.19
	SSVP-14-022516	Sub-slab	< 0.54	1.5J	< 0.54	< 1.0	< 0.51	< 0.57	< 0.61	---	---	---	21.8	78.0	< 0.14	< 0.14	1,900	0.19
QA/QC equipment blank	EB-062915	QA/QC	< 0.19	0.30J	< 0.36	< 0.24	< 0.20	< 0.21	< 0.75	---	---	---	1.1	98	< 0.023	< 0.00023	---	0.33
	EB-022516	QA/QC	< 0.57	1.3J	< 0.57	< 1.1	< 0.54	< 0.61	< 0.64	< 72	< 36	< 8.9	20.9	79.1	< 0.14	< 0.14	< 25	< 0.0025
MTCA Method B Indoor Air CUL ¹			0.321	2,290	457	45.7	45.7	9.62	0.0735	2,700	140	180	---	---	---	---	---	---
MTCA Method B Sub-Slab Soil Gas Screening Level ¹			10.7	76,200	15,200	1,520	1,520	321	2.45	90,000	4,700	6,000	---	---	---	---	---	---

Notes:

1. Based on values presented in Excel spreadsheet, "Vapor Intrusion Table update April 6 2015", available from the Department of Ecology website (<http://www.ecy.wa.gov/programs/tcp/policies/VaporIntrusion/vig.html>)

2. Sample collection date indicated by last six digits of Sample ID

3. Sample considered invalid based on oxygen and nitrogen results which indicate that the sample was compromised prior to analysis.

* = Indicates paired duplicate samples

Bold values represent indoor or outdoor air sampling results which exceed the Method B indoor air cleanup level.

Bold value in orange shaded cell represents sub-slab soil vapor sampling result which exceeds the Method B sub-slab soil gas screening level.

J = Data qualifier indicating an estimated value less than the reporting limit but greater than the method detection limit.

B = Analyte detected in both the sample and associated method blank.

Table 8
Summary of SRI Phase 5 Tier 1 VI Assessment Sampling Results
Chelan Chevron Site
Chelan, Washington

Sample Location/Type:	SVP-1		SVP-2	Equipment Blank	Equipment Blank Control
Sample ID:	SVP-1-210416	DUP-1-210416	SVP-2-210416	EB-1-210416	EBC-1-210416
Sample Date:	4/16/2021	4/16/2021	4/16/2021	4/16/2021	4/16/2021
Sample Media:	Soil Vapor	Soil Vapor	Soil Vapor	Outdoor Ambient Air	Outdoor Ambient Air
Analytical Results for Modified EPA Method TO-15 GC/MS SIM (µg/m3)					
Benzene	0.082 J	0.065 J	0.13 J	1.0	1.0
Toluene	0.15 J	0.14 J	0.26	3.8	2.5
Ethylbenzene	<0.016	<0.015	0.040 J	0.36	0.36
m,p-Xylene	0.060 J	0.028 J	0.14 J	1.3	1.3
o-Xylene	0.028 J	<0.021	0.043 J	0.45	0.46
MTBE	<0.018	<0.018	<0.019	<0.036	<0.018
Naphthalene	0.27 J	<0.12	0.24 J	<0.25	<0.12
EDB	<0.022	<0.021	<0.022	<0.043	<0.021
EDC	<0.014	<0.014	<0.015	0.068 J	0.064 J
Analytical Results for Air Phase Petroleum Hydrocarbons by MADEP APH (µg/m3)					
Benzene	<2.4	<2.3	<2.5	<2.3	<2.3
Toluene	<2.4	<2.3	<2.5	3.1	<2.3
Ethylbenzene	<2.4	<2.3	<2.5	<2.3	<2.3
m,p-Xylene	<2.4	<2.3	<2.5	<2.3	<2.3
o-Xylene	<2.4	<2.3	<2.5	<2.3	<2.3
MTBE	<2.4	<2.3	<2.5	<2.3	<2.3
Naphthalene	<2.4	<2.3	<2.5	<2.3	<2.3
Butadiene	<2.4	<2.3	<2.5	<2.3	<2.3
C9-C10 Aromatics	<12	<12	<12	<12	<12
C5-C8 Aliphatics	54	43	18	46	34
C9-C12 Aliphatics	<14	<14	<15	<14	<14
Analytical Results for Natural Gas Analysis by Modified ASTM D-1946 (%)					
Oxygen	19	19	20	21	21
Methane	<0.00012	<0.00012	<0.00012	0.00018	0.00022
Helium	<0.012	<0.012	<0.012	<0.012	<0.012
Hydrogen	<0.012	<0.012	<0.012	<0.012	<0.012
Nitrogen	80	80	80	79	79
Carbon Dioxide	1.3	1.3	0.43	0.046	0.045

Notes:

1. Bold values indicate that the analyte was detected at a concentration greater than the laboratory reporting limit.
2. < = Compound was not detected above the Method Detection Limit (TO-15) or the Reporting Limit (MADEP APH and Modified ASTM D-1946).
3. J = Compound was detected at a value above the Method Detection Limit but less than the Reporting Limit; therefore, the value reported is considered an estimate.

MTCA Method B Sub-Slab Soil Gas Screening Levels:

Benzene = 10.7 µg/m3

Toluene = 76,200 µg/m3

Ethylbenzene = 15,200 µg/m3

m,p-Xylene = 1,520 µg/m3

o-Xylene = 1,520 µg/m3

MTBE = 321 µg/m3

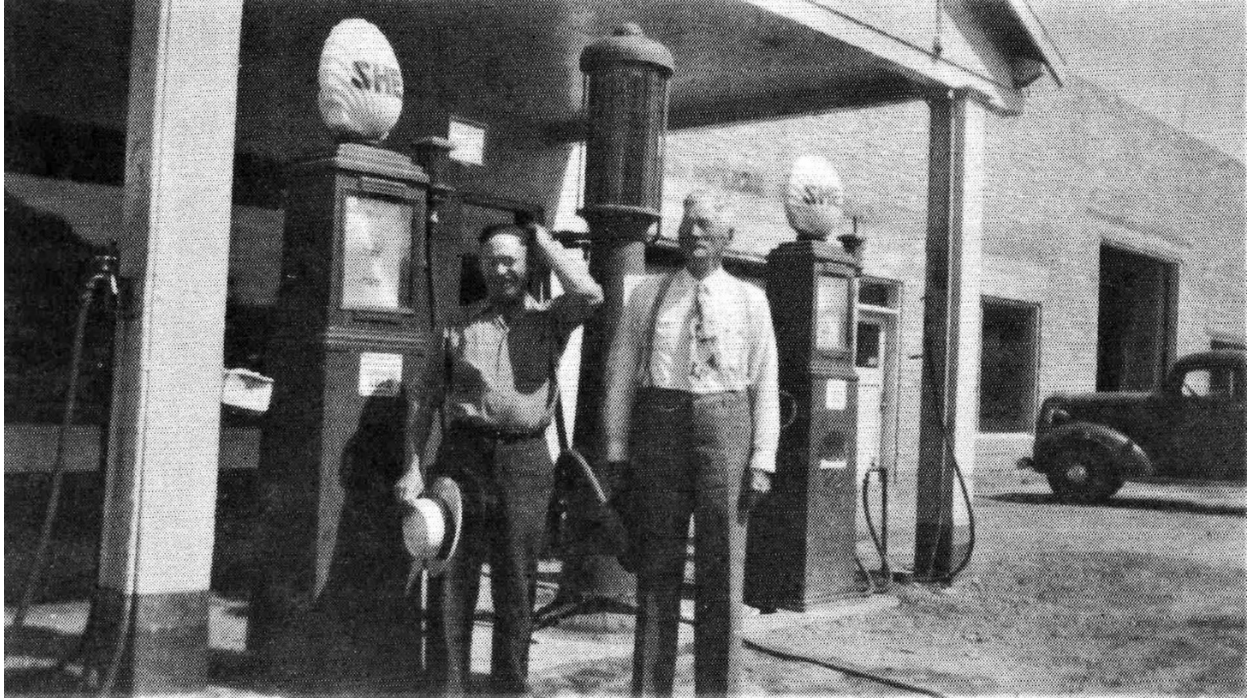
Naphthalene = 2.5 µg/m3

EDB = 0.14 µg/m3

EDC = 3.2 µg/m3

Appendix A

Historical Site Photographs



221 E. Woodin Avenue: View looking northeast of the Shell Oil service station at the Mac Chevrolet dealership. Photo date is about late 1940s. Source: LCHS, 2000.



Multiple Service Stations: View looking east on Woodin Avenue. On the left is the Shell Oil service station at the Chevrolet dealership, with a Shell sign above sidewalk (221 E. Woodin). Beyond that, at the corner, is the Richfield service station (229 E. Woodin). In the center of photo is Goehry's Dodge/Plymouth dealership with a Union Oil 76 service station (301 E. Woodin). To the far right is the Standard Oil service station (232 E. Woodin). Photo date is February 1959. Source: Chelan Museum collection.



Multiple Service Stations: View looking west on Woodin Avenue. Standard Oil service station is on the left (232 E. Woodin). On the far right is the corner of the Union Oil 76 service station at the car dealership (301 E. Woodin), which was destroyed by fire in 1962. Across Sanders Street is the Richfield service station (229 E. Woodin). Beyond that is the Shell Oil service station at the Chevrolet dealership (221 E. Woodin). Photo date is early 1960s. Source: local postcard.



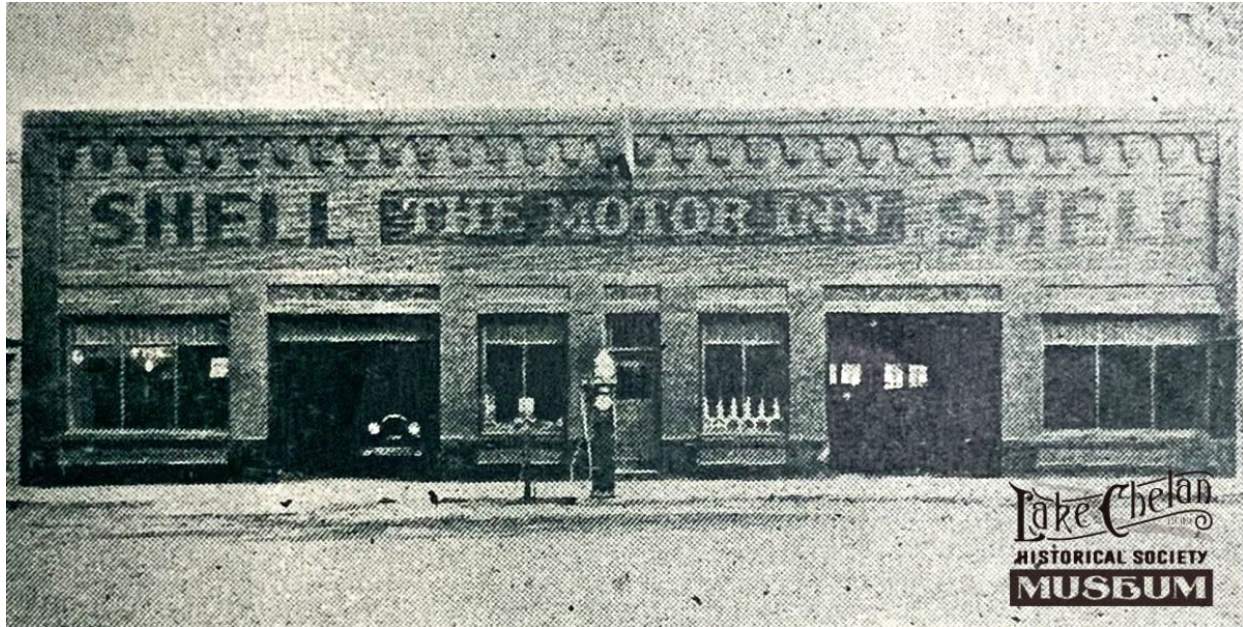
221 E. Woodin Avenue: View looking northeast on Woodin Avenue, showing the Shell Oil service station at the Mac Chevrolet dealership. Richfield service station is on far right. Photo date is 1962 or 1963. Source: Chelan Museum collection.



Multiple Service Stations: View looking west on Woodin Avenue. Standard Oil service station is on the left (232 E. Woodin). On the right is the Richfield service station (229 E. Woodin). Beyond that is the refurbished Union Oil 76 service station (former Shell Oil) at the Chevrolet dealership (221 E. Woodin). Photo date is May 1964. Source: Chelan Museum collection.



221 E. Woodin Avenue: View looking west on Woodin Avenue. On the right is the Union Oil 76 service station at the Chevrolet dealership. Note the canopy instead of the sloped roof above gas pumps seen in earlier photos of Shell Oil station. Photo date is about mid-1960s. Source: local postcard.



125 E. Woodin Avenue: View looking north of the Motor Inn garage, with Shell logos on the building. The gasoline pump and sign on the street curb were removed in 1939. Photo date is between 1931 and 1935. Source: Chelan Museum collection.



141 E. Woodin Avenue: View looking north of the Chelan Motor Company's early service station, with two fuel pumps dispensing Red Crown (Standard Oil brand) gasoline. Ruby Theatre is the building to the left. Across the alley on far right is a former paint shop and storage building; Chelan Motor later expanded onto this property in the 1940s. Photo date is 1924. Source: Chelan Museum collection.



141 E. Woodin Avenue: View looking west on Woodin Avenue. On the right is the Chelan Motor Company's garage and Ford dealership, after removal of the gasoline pump from the street margin. The hanging sign reads "Distributor, Standard Stations Inc." Photo date is late 1940s. Source: online photo (John Boyd Ellis photo).



141 E. Woodin Avenue: View looking west on Woodin Avenue. On the right is the Chelan Motor Company's garage, with a "Chevron gas station" sign. Note three fuel pumps under the overhang. Photo date is circa 1950. Source: online photo (unknown origin).

Appendix B

Boring Logs



Oxygen Emitter Well: OE-1

Project: Chelan WA-02
Client: RELLC
Location: 221 E. Woodin Ave,
Chelan, WA
Logged By: RS/CW/TD

Date Started: 3/22/2024
Date Completed: 4/5/2024
Driller: Leidos/AEC
Drill Method: Hand Auger/Sonic

Total Boring Depth: 40.0 ft
Hole Diameter: 11.0 in
Well Depth: 40.0 ft
Well Diameter: 4.0 in

Well Screen: 0.010 in slot; 20-40ft
Filter Pack: 10/20 Silica Sand
Well Casing: PVC Sch. 40

MOISTURE CONTENT	ORGANIC VAPOR (PPM)	SAMP. INTERVAL	ANALYTICAL SAMPLE	ANALYTICAL RESULTS (mg/kg)	U.S.C.S SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION	WELL DIAGRAM
moist	19.7	Hand icon			ML		1	Asphalt at surface to 4 inches	- Well Box - Concrete - Sand - 4.0-inch Sch. 40 PVC - Concrete Seal - hydrated bentonite chips
moist	13.4	Hand icon			ML		2	2 - 2.5 ft: medium dark brown SILT, no odor, no sheen	
moist	10.6	Hand icon			ML		3	4 - 4.5 ft: medium light brown sandy SILT, no odor, no sheen	
moist	15.1	Hand icon			ML		4	6 - 6.5 ft: light brown fine sandy SILT, no odor, no sheen	
							5		
							6		
							7		
							8		
							9		
							10		
					SW		11		



Well Screen: 0.010 in slot; 20-40ft
Filter Pack: 10/20 Silica Sand
Well Casing: PVC Sch. 40

[illegible]



Oxygen Emitter Well: OE-1

Project: Chelan WA-02
Client: RELLC
Location: 221 E. Woodin Ave,
Chelan, WA
Logged By: RS/CW/TD

Date Started: 3/22/2024
Date Completed: 4/5/2024
Driller: Leidos/AEC
Drill Method: Hand Auger/Sonic

Total Boring Depth: 40.0 ft
Hole Diameter: 11.0 in
Well Depth: 40.0 ft
Well Diameter: 4.0 in

Well Screen: 0.010 in slot; 20-40ft
Filter Pack: 10/20 Silica Sand
Well Casing: PVC Sch. 40

MOISTURE CONTENT	ORGANIC VAPOR (PPM)	SAMP. INTERVAL	ANALYTICAL SAMPLE	ANALYTICAL RESULTS (mg/kg)	U.S.C.S SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION	WELL DIAGRAM
wet	4,800 (not in-situ, slough)				ML/CL		23 24 25 26 27 28 29 30 31 32	slightly greenish-gray SILT, firm, moderate petrol odor, moderate sheen (likely slough) medium light gray to brown SILT w/ some clay, moderately plastic, stiff, weak odor, no sheen SILT w/ some clay-not retrieved	
wet	210		OE-1-S-30-240405		ML/CL		30 31 32 33		



Oxygen Emitter Well: OE-1

Project: Chelan WA-02
Client: RELLC
Location: 221 E. Woodin Ave,
Chelan, WA
Logged By: RS/CW/TD

Date Started: 3/22/2024
Date Completed: 4/5/2024
Driller: Leidos/AEC
Drill Method: Hand Auger/Sonic

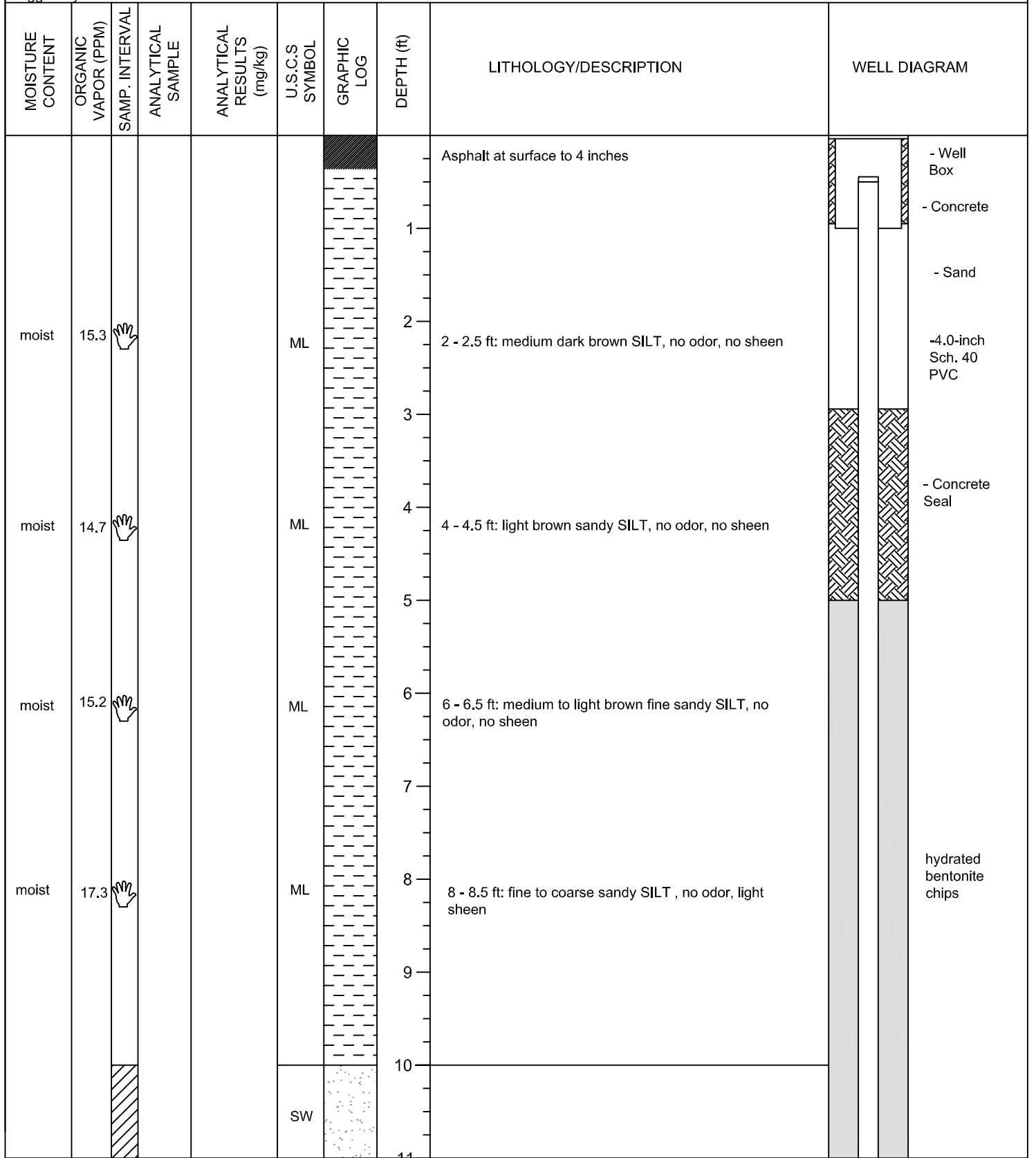
Total Boring Depth: 40.0 ft
Hole Diameter: 11.0 in
Well Depth: 40.0 ft
Well Diameter: 4.0 in

Well Screen: 0.010 in slot; 20-40ft
Filter Pack: 10/20 Silica Sand
Well Casing: PVC Sch. 40

MOISTURE CONTENT	ORGANIC VAPOR (PPM)	SAMP. INTERVAL	ANALYTICAL SAMPLE	ANALYTICAL RESULTS (mg/kg)	U.S.C.S SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION	WELL DIAGRAM	
wet			OE-1-S-40-240405		ML/CL		34	SILT w/ some clay-not retrieved, no sheen, very weak odor		
							35			
							36			
							37			
							38			
							39			
wet	95				ML/CL		40	brown-gray SILT w/ some clay, stiff, no sheen, very weak odor		
							41	Bottom of borehole at 40 feet		
							42			
							43			



Project: Chelan WA-02	Date Started: 3/22/2024	Total Boring Depth: 40.0 ft	Well Screen: 0.010 in slot; 20-40ft
Client: RELLC	Date Completed: 4/5/2024	Hole Diameter: 11.0 in	Filter Pack: 10/20 Silica Sand
Location: 221 E. Woodin Ave, Chelan, WA	Driller: Leidos/AEC	Well Depth: 40.0 ft	Well Casing: PVC Sch. 40
Logged By: RS/CW/TD	Drill Method: Hand Auger/Sonic	Well Diameter: 4.0 in	





Oxygen Emitter Well: OE-2

Project: Chelan WA-02
Client: RELLC
Location: 221 E. Woodin Ave,
Chelan, WA
Logged By: RS/CW/TD

Date Started: 3/22/2024
Date Completed: 4/5/2024
Driller: Leidos/AEC
Drill Method: Hand Auger/Sonic

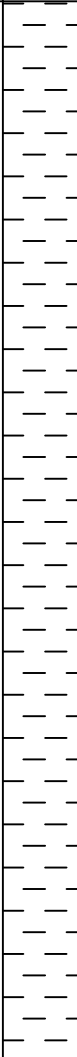
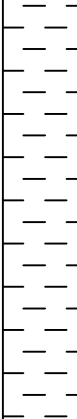
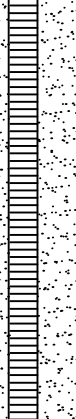
Total Boring Depth: 40.0 ft
Hole Diameter: 11.0 in
Well Depth: 40.0 ft
Well Diameter: 4.0 in

Well Screen: 0.010 in slot; 20-40ft
Filter Pack: 10/20 Silica Sand
Well Casing: PVC Sch. 40

MOISTURE CONTENT	ORGANIC VAPOR (PPM)	SAMP. INTERVAL	ANALYTICAL SAMPLE	ANALYTICAL RESULTS (mg/kg)	U.S.C.S SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION	WELL DIAGRAM
moist	277				SW		12		
							13	10 - 14.8 ft: brown-gray fine to coarse SAND w/ 25% gravel up to 5", dense	
							14		
	4,500						15		
moist					ML		16	14.8 - 18 ft: greenish-gray (upper 2 ft) to medium light gray SILT (mostly coarse) w/ minor clay, firm, strong odor, mod-heavy sheen (lighter above 16 ft)	hydrated bentonite chips
	15,000						17		
							18		
	6,600				ML/CL		19	18 - 20 ft: greenish-gray to medium light gray coarse SILT with some CLAY, firm, strong odor, mod-heavy sheen	
							20		
	12,800						21	20-30 ft: SILT w/ some clay-not retrieved	
moist					ML/CL		22		



Well Screen: 0.010 in slot; 20-40ft
Filter Pack: 10/20 Silica Sand
Well Casing: PVC Sch. 40

MOISTURE CONTENT	ORGANIC VAPOR (PPM)	SAMP. INTERVAL	ANALYTICAL SAMPLE	ANALYTICAL RESULTS (mg/kg)	U.S.C.S. SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION	WELL DIAGRAM
wet					ML/CL		23 24 25 26 27 28 29	19.5-30 ft: SILT w/ some clay-not retrieved	 -4.0-inch Sch. 40 PVC - Sand
wet	268				ML/CL		30 31 32	brown-gray SILT, stiff, weak odor, no sheen-not retrieved	



Oxygen Emitter Well: OE-2

Project: Chelan WA-02
Client: RELLC
Location: 221 E. Woodin Ave,
Chelan, WA
Logged By: RS/CW/TD

Date Started: 3/22/2024
Date Completed: 4/5/2024
Driller: Leidos/AEC
Drill Method: Hand Auger/Sonic

Total Boring Depth: 40.0 ft
Hole Diameter: 11.0 in
Well Depth: 40.0 ft
Well Diameter: 4.0 in

Well Screen: 0.010 in slot; 20-40ft
Filter Pack: 10/20 Silica Sand
Well Casing: PVC Sch. 40

MOISTURE CONTENT	ORGANIC VAPOR (PPM)	SAMP. INTERVAL	ANALYTICAL SAMPLE	ANALYTICAL RESULTS (mg/kg)	U.S.C.S SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION	WELL DIAGRAM
wet					ML/CL		34 35 36 37 38 39 40	SILT w/ some clay-not retrieved	
wet	530				ML/CL		40 41 42 43	brown-gray SILT w/ significant clay, stiff, no sheen, weak odor Bottom of borehole at 40 feet	



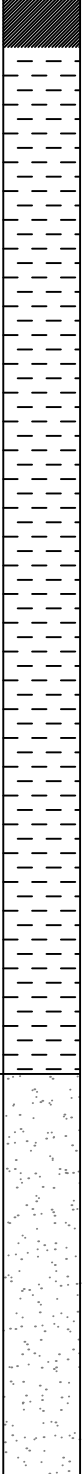
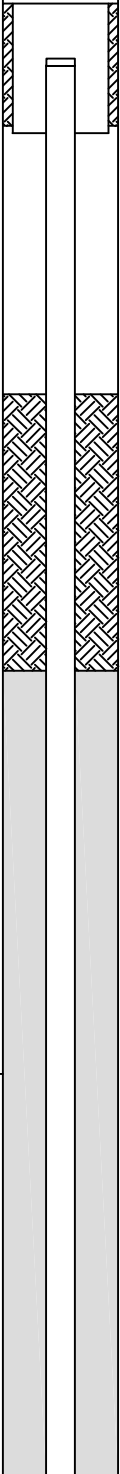
Oxygen Emitter Well: OE-3

Project: Chelan WA-02
Client: RELLC
Location: 221 E. Woodin Ave,
Chelan, WA
Logged By: RS/CW/TD

Date Started: 3/21/2024
Date Completed: 4/5/2024
Driller: Leidos/AEC
Drill Method: Hand Auger/Sonic

Total Boring Depth: 40.0 ft
Hole Diameter: 11.0 in
Well Depth: 40.0 ft
Well Diameter: 4.0 in

Well Screen: 0.010 in slot; 20-40ft
Filter Pack: 10/20 Silica Sand
Well Casing: PVC Sch. 40

MOISTURE CONTENT	ORGANIC VAPOR (PPM)	SAMP. INTERVAL	ANALYTICAL SAMPLE	ANALYTICAL RESULTS (mg/kg)	U.S.C.S SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION	WELL DIAGRAM
moist	5.1	Hand icon					1 2 3 4 5 6 7 8 9 10 11	Asphalt at surface to 4 inches Backfill from UST closure 4 - 4.5 ft: tan to brown sandy SILT, no odor, no sheen 6 - 6.5 ft: mottled tan-brown fine sandy SILT, no odor, no sheen 8 - 8.5 ft: mottled fine to coarse SAND w/ 5% gravel, no odor, light sheen	 - Well Box - Concrete - Sand -4.0-inch Sch. 40 PVC - Concrete Seal - hydrated bentonite chips

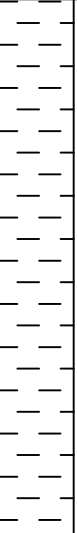
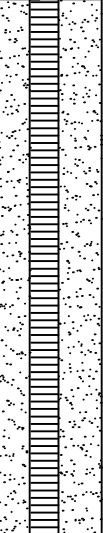
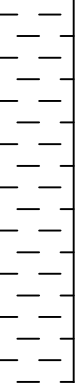
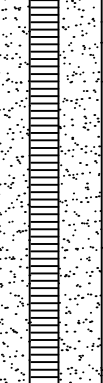


Well Screen: 0.010 in slot; 20-40ft
Filter Pack: 10/20 Silica Sand
Well Casing: PVC Sch. 40

MOISTURE CONTENT	ORGANIC VAPOR (PPM)	SAMP. INTERVAL	ANALYTICAL SAMPLE	ANALYTICAL RESULTS (mg/kg)	U.S.C.S SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION	WELL DIAGRAM
moist					SW		12	10 - 16 ft: yellow-brown fine to coarse SAND w/ 30% gravel up to 7", dense, no odor, no sheen	
	18.7					13			
						14			
							15		
moist					ML		16	16 - 17.5 ft: greenish-gray SILT, no clay, firm, strong odor, moderate sheen	
	6,200					17			
					ML		18	17.5+ ft: medium-gray SILT, firm to stiff, strong odor, heavy sheen	
	14,100					19			
							20	20 ft: medium light gray SILT no clay, stiff, strong odor, mod-heavy sheen	
moist					ML/CL		21	20-30 ft: gray SILT w/ some clay-not retrieved	
	>15,000					22			
							23		



Well Screen: 0.010 in slot; 20-40ft
Filter Pack: 10/20 Silica Sand
Well Casing: PVC Sch. 40

MOISTURE CONTENT	ORGANIC VAPOR (PPM)	SAMP. INTERVAL	ANALYTICAL SAMPLE	ANALYTICAL RESULTS (mg/kg)	U.S.C.S SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION	WELL DIAGRAM
wet					ML/CL		23 24 25 26 27 28 29	20-30 ft: gray SILT w/ some clay-not retrieved	 -4.0-inch Sch. 40 PVC - Sand
wet	171				ML/CL		30 31 32 33	medium-light gray to brown-gray SILT w/ some clay, moderately plastic, stiff, laminated, weak odor, no sheen-not retrieved	



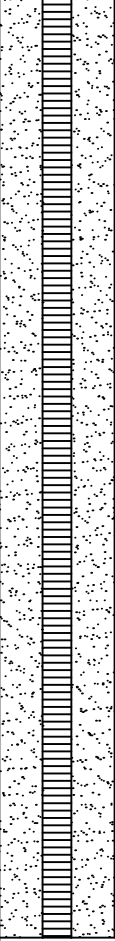
Oxygen Emitter Well: OE-3

Project: Chelan WA-02
Client: RELLC
Location: 221 E. Woodin Ave,
Chelan, WA
Logged By: RS/CW/TD

Date Started: 3/21/2024
Date Completed: 4/5/2024
Driller: Leidos/AEC
Drill Method: Hand Auger/Sonic

Total Boring Depth: 40.0 ft
Hole Diameter: 11.0 in
Well Depth: 40.0 ft
Well Diameter: 4.0 in

Well Screen: 0.010 in slot; 20-40ft
Filter Pack: 10/20 Silica Sand
Well Casing: PVC Sch. 40

MOISTURE CONTENT	ORGANIC VAPOR (PPM)	SAMP. INTERVAL	ANALYTICAL SAMPLE	ANALYTICAL RESULTS (mg/kg)	U.S.C.S SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION	WELL DIAGRAM
wet					ML/CL		34	SILT w/ some clay-not retrieved	
							35		
							36		
							37		
							38		
							39		
wet	90.7				ML/CL		40	light brownish-gray SILT w/ some clay, plastic, stiff to hard, no sheen, very weak odor	
							41	Bottom of borehole at 40 feet	
							42		
							43		





Well Screen: 0.010 in slot; 20-40ft
Filter Pack: 10/20 Silica Sand
Well Casing: PVC Sch. 40

MOISTURE CONTENT	ORGANIC VAPOR (PPM)	SAMP. INTERVAL	ANALYTICAL SAMPLE	ANALYTICAL RESULTS (mg/kg)	U.S.C.S SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION	WELL DIAGRAM
wet					ML/CL		23 24 25 26 27 28 29	20-30 ft: gray SILT w/ some clay-not retrieved	 -4.0-inch Sch. 40 PVC
wet	350				ML/CL		30 31 32	medium-light to brown-gray SILT, weak odor, no sheen	 - Sand

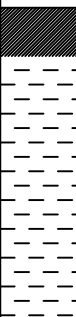
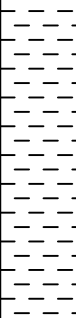
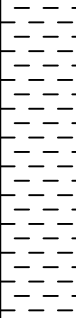


Well Screen: 0.010 in slot; 20-40ft
Filter Pack: 10/20 Silica Sand
Well Casing: PVC Sch. 40

MOISTURE CONTENT	ORGANIC VAPOR (PPM)	SAMP. INTERVAL	ANALYTICAL SAMPLE	ANALYTICAL RESULTS (mg/kg)	U.S.C.S. SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION	WELL DIAGRAM
wet					ML/CL		34 35 36 37 38 39	SILT w/ some clay-not retrieved	 -4.0-inch Sch. 40 PVC - Sand
wet	286				ML/CL		40 41 42 43	brownish-gray SILT w/ some clay, stiff, no sheen, very weak odor Bottom of borehole at 40 feet	



Well Screen: 0.010 in slot; 20-40ft
Filter Pack: 10/20 Silica Sand
Well Casing: PVC Sch. 40

MOISTURE CONTENT	ORGANIC VAPOR (PPM)	SAMP. INTERVAL	ANALYTICAL SAMPLE	ANALYTICAL RESULTS (mg/kg)	U.S.C.S SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION	WELL DIAGRAM
moist	1.7				ML		1	Asphalt at surface to 4 inches	- Well Box - Concrete
moist	15.7				ML		2	2-2.5 ft: Backfill from UST closure, medium dark brown SILT. No odor, no sheen	- Sand
moist	13.8				ML		3	4 - 4.5 ft: Backfill from UST closure, brown dark brown SILT w/ minor gravel, no odor, no sheen	-4.0-inch Sch. 40 PVC - Concrete Seal
moist	20.1				SW		4	6 - 6.5 ft: medium brown SILT with sand, no odor, no sheen	
							5	8 - 8.5 ft: mottled fine to coarse SAND w/ 5% gravel, no odor, light sheen	hydrated bentonite chips



Well Screen: 0.010 in slot; 20-40ft
Filter Pack: 10/20 Silica Sand
Well Casing: PVC Sch. 40

MOISTURE CONTENT	ORGANIC VAPOR (PPM)	SAMP. INTERVAL	ANALYTICAL SAMPLE	ANALYTICAL RESULTS (mg/kg)	U.S.C.S. SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION	WELL DIAGRAM	
moist	135		OE-5-S-16-240406		SW		12	10 - 16 ft: yellow-brown fine to very coarse SAND w/ 5-10% gravel up to 3", dense, no odor, no sheen	-4.0-inch Sch. 40 PVC hydrated bentonite chips Sand	
moist	3,058					16	ML			16 - 17 ft: medium light greenish-gray SILT w/ minor clay, firm, moderate odor, medium sheen.
	2,600					17				17 - 20 ft: light brown-gray SILT w/ minor clay, firm, moderate odor, medium sheen.
	1,860				18	19				
moist				ML/CL		20	20-30 ft: gray SILT w/ some clay-not retrieved			
						21				
					22					



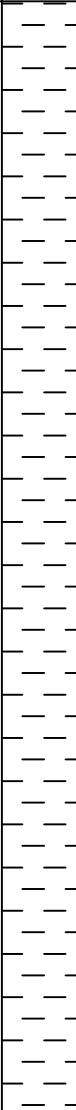
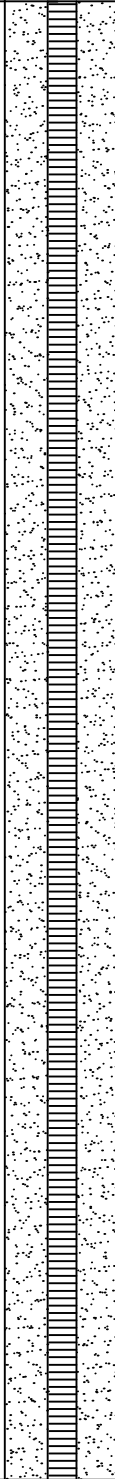
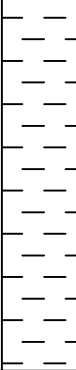
Oxygen Emitter Well: OE-5

Project: Chelan WA-02
Client: RELLC
Location: 221 E. Woodin Ave,
Chelan, WA
Logged By: RS/CW/TD

Date Started: 3/21/2024
Date Completed: 4/6/2024
Driller: Leidos/AEC
Drill Method: Hand Auger/Sonic

Total Boring Depth: 40.0 ft
Hole Diameter: 11.0 in
Well Depth: 40.0 ft
Well Diameter: 4.0 in

Well Screen: 0.010 in slot; 20-40ft
Filter Pack: 10/20 Silica Sand
Well Casing: PVC Sch. 40

MOISTURE CONTENT	ORGANIC VAPOR (PPM)	SAMP. INTERVAL	ANALYTICAL SAMPLE	ANALYTICAL RESULTS (mg/kg)	U.S.C.S SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION	WELL DIAGRAM
wet					ML/CL		23 24 25 26 27 28 29 30 31 32 33	20-30 ft: gray SILT w/ some clay-not retrieved	
wet	240		OE-5-S-30-240406		ML			medium-light gray SILT w/ clay layers (moderately plastic), stiff, weak to very weak odor, no sheen	- Sand



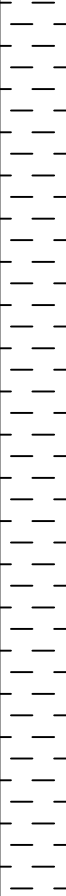
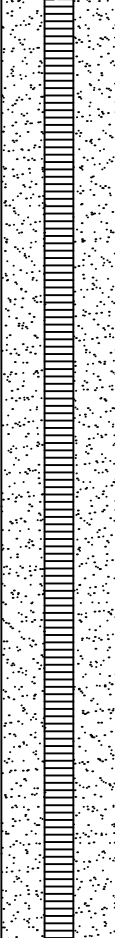
Oxygen Emitter Well: OE-5

Project: Chelan WA-02
Client: RELLC
Location: 221 E. Woodin Ave,
Chelan, WA
Logged By: RS/CW/TD

Date Started: 3/21/2024
Date Completed: 4/6/2024
Driller: Leidos/AEC
Drill Method: Hand Auger/Sonic

Total Boring Depth: 40.0 ft
Hole Diameter: 11.0 in
Well Depth: 40.0 ft
Well Diameter: 4.0 in

Well Screen: 0.010 in slot; 20-40ft
Filter Pack: 10/20 Silica Sand
Well Casing: PVC Sch. 40

MOISTURE CONTENT	ORGANIC VAPOR (PPM)	SAMP. INTERVAL	ANALYTICAL SAMPLE	ANALYTICAL RESULTS (mg/kg)	U.S.C.S SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION	WELL DIAGRAM
wet					ML/CL		34 35 36 37 38 39	SILT w/ some clay-not retrieved	 -4.0-inch Sch. 40 PVC - Sand
wet	84				ML/CL		40	medium light-gray SILT w/ some clay, stiff, no sheen, no odor	
							41 42 43	Bottom of borehole at 40 feet	



Oxygen Emitter Well: OE-6

Project: Chelan WA-02
Client: RELLC
Location: 221 E. Woodin Ave,
Chelan, WA
Logged By: RS/CW/TD

Date Started: 3/22/2024
Date Completed: 4/6/2024
Driller: Leidos/AEC
Drill Method: Hand Auger/Sonic

Total Boring Depth: 40.0 ft
Hole Diameter: 11.0 in
Well Depth: 40.0 ft
Well Diameter: 4.0 in

Well Screen: 0.010 slot, 20-40 ft
Filter Pack: 10/20 Silica Sand
Well Casing: PVC Sch. 40

MOISTURE CONTENT	ORGANIC VAPOR (PPM)	SAMP. INTERVAL	ANALYTICAL SAMPLE	ANALYTICAL RESULTS (mg/kg)	U.S.C.S SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION	WELL DIAGRAM
moist	12.1	Hand icon			ML		1	Asphalt at surface to 4 inches	- Well Box -4.0-inch Sch. 40 PVC - Concrete Seal hydrated bentonite chips
moist	12.0	Hand icon			ML		2	2 - 2.5 ft: medium dark brown SILT, no odor, no sheen	
							3	large (~10") cobble	
moist	16.0	Hand icon			ML		4	4 - 4.5 ft: medium brown SILT, no odor, no sheen	
							5		
moist	13.0	Hand icon			ML		6	6 - 6.5 ft: medium light brown sandy SILT, no odor, no sheen	
							7		
							8	8 - 8.5 ft: medium light brown fine sandy SILT w/ 30% coarse sand, no odor, no sheen	
							9		
					SW		10		
							11		



Oxygen Emitter Well: OE-6

Project: Chelan WA-02
Client: RELLC
Location: 221 E. Woodin Ave,
Chelan, WA
Logged By: RS/CW/TD

Date Started: 3/22/2024
Date Completed: 4/6/2024
Driller: Leidos/AEC
Drill Method: Hand Auger/Sonic

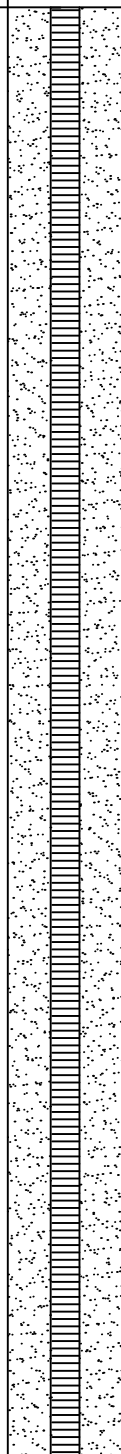
Total Boring Depth: 40.0 ft
Hole Diameter: 11.0 in
Well Depth: 40.0 ft
Well Diameter: 4.0 in

Well Screen: 0.010 slot, 20-40 ft
Filter Pack: 10/20 Silica Sand
Well Casing: PVC Sch. 40

MOISTURE CONTENT	ORGANIC VAPOR (PPM)	SAMP. INTERVAL	ANALYTICAL SAMPLE	ANALYTICAL RESULTS (mg/kg)	U.S.C.S SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION	WELL DIAGRAM
moist	104				SW		12		
							13		
							14	10 - 17 ft: yellow brown fine to very coarse SAND w/ some (15%) gravel up to 5 inches, dense, no odor, no sheen	-4.0-inch Sch. 40 PVC
							15		- hydrated bentonite chips
							16		
moist	>15,000		OE-6-S-17-240406				17	17 - 18 ft: medium greenish gray SILT w/ little clay, firm to stiff, strong odor, moderate sheen	
							18		
	>15,000				ML		19	18 - 19 ft: medium light gray SILT w/ little clay, firm to stiff, strong odor, moderate sheen	
moist							20	19 - 20 ft: medium light gray SILT w/ little clay, firm to stiff, moderate odor, moderate-slight sheen	- Sand
	4,850		OE-6-S-20-240406				21		
					ML/CL		22	SILT w/ some clay-not retrieved	



Well Screen: 0.010 slot, 20-40 ft
Filter Pack: 10/20 Silica Sand
Well Casing: PVC Sch. 40

MOISTURE CONTENT	ORGANIC VAPOR (PPM)	SAMP. INTERVAL	ANALYTICAL SAMPLE	ANALYTICAL RESULTS (mg/kg)	U.S.C.S SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION	WELL DIAGRAM
wet							23	SILT w/ some clay-not retrieved	
						24			
						25			
				ML/CL		26			
						27			
						28			
						29			
wet	70		OE-6-S-30-240406		ML/CL		30	Medium brown gray SILT w/ clay, laminated, stiff, no odor, no sheen	
							31		
							32	SILT w/ some clay-not retrieved	
							33		



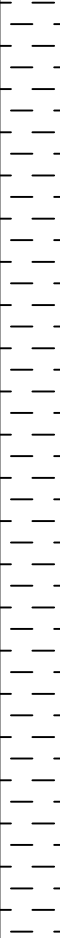
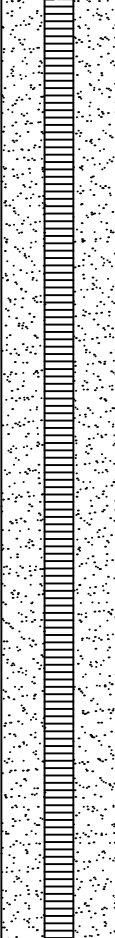
Oxygen Emitter Well: OE-6

Project: Chelan WA-02
Client: RELLC
Location: 221 E. Woodin Ave,
Chelan, WA
Logged By: RS/CW/TD

Date Started: 3/22/2024
Date Completed: 4/6/2024
Driller: Leidos/AEC
Drill Method: Hand Auger/Sonic

Total Boring Depth: 40.0 ft
Hole Diameter: 11.0 in
Well Depth: 40.0 ft
Well Diameter: 4.0 in

Well Screen: 0.010 slot, 20-40 ft
Filter Pack: 10/20 Silica Sand
Well Casing: PVC Sch. 40

MOISTURE CONTENT	ORGANIC VAPOR (PPM)	SAMP. INTERVAL	ANALYTICAL SAMPLE	ANALYTICAL RESULTS (mg/kg)	U.S.C.S SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION	WELL DIAGRAM
wet					ML/CL		34 35 36 37 38 39	SILT w/ some clay-not retrieved	 -4.0-inch Sch. 40 PVC - Sand
wet	23				ML/CL		40	Medium light gray SILT w/ some clay, stiff, no odor, no sheen	
							41 42 43	Bottom of borehole at 40 feet	



Oxygen Emitter Well: OE-7

Project: Chelan WA-02
Client: RELLC
Location: 221 E. Woodin Ave,
Chelan, WA
Logged By: RS/CW/TD

Date Started: 3/22/2024
Date Completed: 4/8/2024
Driller: Leidos/AEC
Drill Method: Hand Auger/Sonic

Total Boring Depth: 40.0 ft
Hole Diameter: 11.0 in
Well Depth: 40.0 ft
Well Diameter: 4.0 in

Well Screen: 0.010 in slot; 20-40ft
Filter Pack: 10/20 Silica Sand
Well Casing: PVC Sch. 40

MOISTURE CONTENT	ORGANIC VAPOR (PPM)	SAMP. INTERVAL	ANALYTICAL SAMPLE	ANALYTICAL RESULTS (mg/kg)	U.S.C.S SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION	WELL DIAGRAM
moist	9.9	Hand icon			ML		1	Asphalt at surface to 4 inches	- Well Box - Concrete - Sand - 4.0-inch Sch. 40 PVC - Concrete Seal hydrated bentonite chips
moist	9.7	Hand icon			ML		2	2 - 2.5 ft: medium brown SILT, no odor, no sheen	
moist	11.6	Hand icon			ML		4	4 - 4.5 ft: medium light brown SILT, no odor, no sheen	
moist	16.6	Hand icon			ML		8	8 - 8.5 ft: light brown fine sandy SILT w/ 5% coarse sand, no odor, no sheen	
					SW		10		



Well Screen: 0.010 in slot; 20-40ft
Filter Pack: 10/20 Silica Sand
Well Casing: PVC Sch. 40

MOISTURE CONTENT	ORGANIC VAPOR (PPM)	SAMP. INTERVAL	ANALYTICAL SAMPLE	ANALYTICAL RESULTS (mg/kg)	U.S.C.S SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION	WELL DIAGRAM
moist	21.2		OE-7-S-14-240408		SW		12 13	10 - 14 ft: yellow brown to gray brown fine to coarse SAND w/ gravel, dense, no odor, no sheen	
	745				ML		14	(approximate depth) 14 - 15 ft: greenish gray SILT w/ minor clay, soft to firm, moderate odor, slight sheen	
moist	266						15		
	171						16	15 - 17 ft: slightly greenish gray SILT w/ minor clay, firm, weak odor, no sheen	
	13.3				ML/CL		17		
very moist to wet			18						
	32.2		19	17 - 20 ft: medium light gray SILT w/ some clay, firm to stiff, no odor, no sheen					
	38.4		20						
			21	SILT w/ some clay-not retrieved					



Oxygen Emitter Well: OE-7

Project: Chelan WA-02
Client: RELLC
Location: 221 E. Woodin Ave,
Chelan, WA
Logged By: RS/CW/TD

Date Started: 3/22/2024
Date Completed: 4/8/2024
Driller: Leidos/AEC
Drill Method: Hand Auger/Sonic

Total Boring Depth: 40.0 ft
Hole Diameter: 11.0 in
Well Depth: 40.0 ft
Well Diameter: 4.0 in

Well Screen: 0.010 in slot; 20-40ft
Filter Pack: 10/20 Silica Sand
Well Casing: PVC Sch. 40

MOISTURE CONTENT	ORGANIC VAPOR (PPM)	SAMP. INTERVAL	ANALYTICAL SAMPLE	ANALYTICAL RESULTS (mg/kg)	U.S.C.S SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION	WELL DIAGRAM
wet					ML/CL		23	SILT w/ some clay-not retrieved	
							24		
							25		
							26		
							27		
							28		
							29		
							30	brownish gray SILT w/ some clay, stiff, no odor, no sheen	
							31		
							32	SILT w/ some clay-not retrieved	
wet	3.8				ML/CL		33		



Oxygen Emitter Well: OE-7

Project: Chelan WA-02 Date Started: 3/22/2024 Total Boring Depth: 40.0 ft Well Screen: 0.010 in slot; 20-40ft
Client: RELLC Date Completed: 4/8/2024 Hole Diameter: 11.0 in Filter Pack: 10/20 Silica Sand
Location: 221 E. Woodin Ave, Driller: Leidos/AEC Well Depth: 40.0 ft Well Casing: PVC Sch. 40
Chelan, WA Drill Method: Hand Auger/Sonic Well Diameter: 4.0 in
Logged By: RS/CW/TD

MOISTURE CONTENT	ORGANIC VAPOR (PPM)	SAMP. INTERVAL	ANALYTICAL SAMPLE	ANALYTICAL RESULTS (mg/kg)	U.S.C.S SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION	WELL DIAGRAM
wet					ML/CL		34 35 36 37 38 39 40	SILT w/ some clay-not retrieved	
wet	8.6				ML/CL		40 41 42 43	brownish gray SILT w/ some clay, stiff, no odor, no sheen Bottom of borehole at 40 feet	- Sand



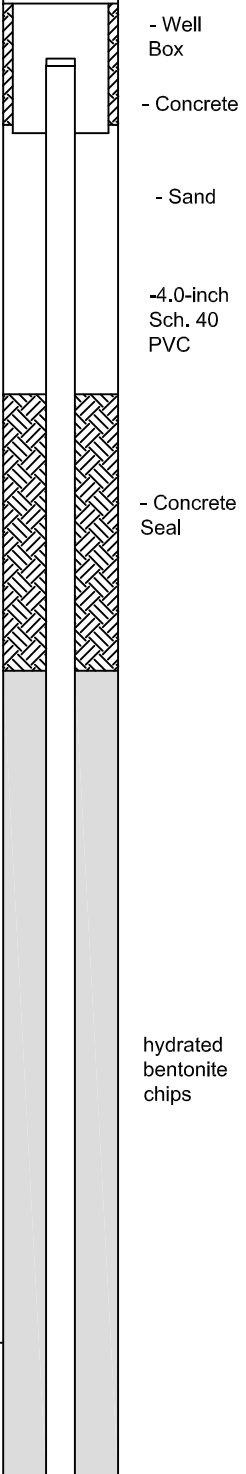
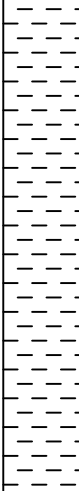
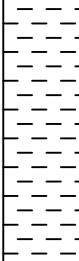
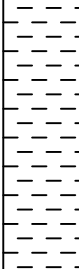
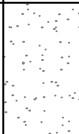
Oxygen Emitter Well: OE-8

Project: Chelan WA-02
Client: RELLC
Location: 221 E. Woodin Ave,
Chelan, WA
Logged By: RS/CW/TD

Date Started: 3/24/2024
Date Completed: 4/8/2024
Driller: Leidos/AEC
Drill Method: Hand Auger/Sonic

Total Boring Depth: 40.0 ft
Hole Diameter: 11.0 in
Well Depth: 40.0 ft
Well Diameter: 4.0 in

Well Screen: 0.010 in slot; 20-40ft
Filter Pack: 10/20 Silica Sand
Well Casing: PVC Sch. 40

MOISTURE CONTENT	ORGANIC VAPOR (PPM)	SAMP. INTERVAL	ANALYTICAL SAMPLE	ANALYTICAL RESULTS (mg/kg)	U.S.C.S SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION	WELL DIAGRAM
moist	7.1				ML		1	Asphalt at surface to 4 inches	
moist	5.4				ML		2	2 - 2.5 ft: medium brown SILT, no odor, no sheen	
moist	5.6				ML		3	4 - 4.5 ft: medium light brown SILT, no odor, no sheen	
moist	6.3				ML		4	6 - 6.5 ft: medium light brown sandy SILT, no odor, no sheen	
							5	8 - 8.5 ft: light brown fine sandy SILT w/ 20% coarse sand, no odor, no sheen	
					SW		6		



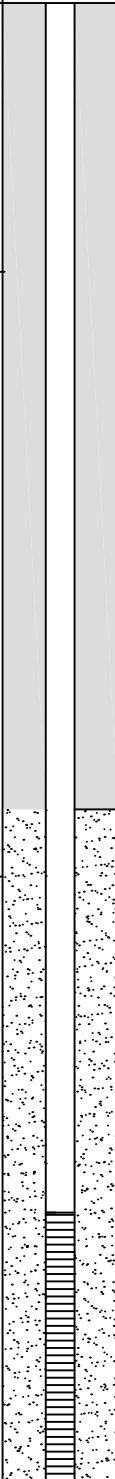
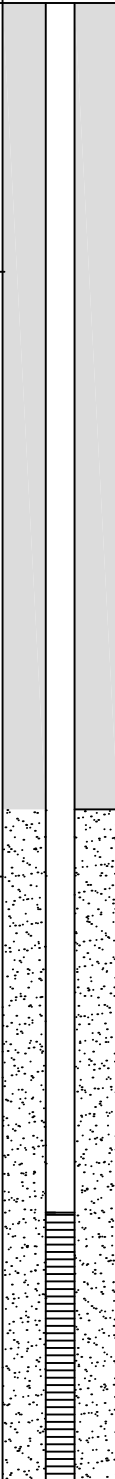
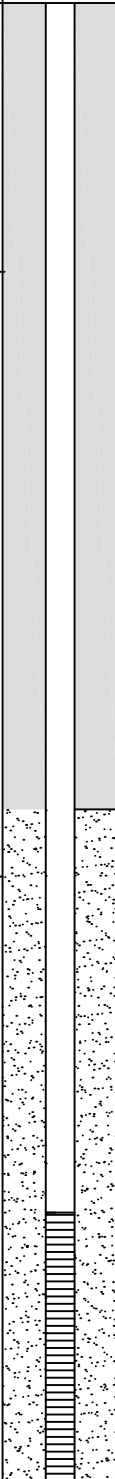
Oxygen Emitter Well: OE-8

Project: Chelan WA-02
Client: RELLC
Location: 221 E. Woodin Ave,
Chelan, WA
Logged By: RS/CW/TD

Date Started: 3/24/2024
Date Completed: 4/8/2024
Driller: Leidos/AEC
Drill Method: Hand Auger/Sonic

Total Boring Depth: 40.0 ft
Hole Diameter: 11.0 in
Well Depth: 40.0 ft
Well Diameter: 4.0 in

Well Screen: 0.010 in slot; 20-40ft
Filter Pack: 10/20 Silica Sand
Well Casing: PVC Sch. 40

MOISTURE CONTENT	ORGANIC VAPOR (PPM)	SAMP. INTERVAL	ANALYTICAL SAMPLE	ANALYTICAL RESULTS (mg/kg)	U.S.C.S SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION	WELL DIAGRAM
moist	2.8		OE-8-S-13-240408		SW		12	10 - 13 ft: yellow brown SAND w/ gravel, dense, no odor, no sheen	 -4.0-inch Sch. 40 PVC hydrated bentonite chips - Sand
	151				ML		13	13 - 14 ft: slightly greenish gray SILT w/ minor clay, weak odor @ 13-13.25 ft, no sheen	
moist	7.0				ML		14	14 - 17.5 ft: gray to brown gray SILT w/ minor clay, firm, no odor, no sheen	
	13.3		OE-8-S-18-240408				15		 - Sand
moist	29.2				ML/CL		16	17.5 - 22 ft: SILT w/ some clay (more than above), firm, possible weak odor at 19-19.5 ft, no sheen	
							17		
							18		
							19		
moist	22.2						20	SILT w/ some clay-not retrieved	 - Sand
	25.9						21		
	15.0						22		
	24.0								



Well Screen: 0.010 in slot; 20-40ft
Filter Pack: 10/20 Silica Sand
Well Casing: PVC Sch. 40

MOISTURE CONTENT	ORGANIC VAPOR (PPM)	SAMP. INTERVAL	ANALYTICAL SAMPLE	ANALYTICAL RESULTS (mg/kg)	U.S.C.S SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION	WELL DIAGRAM
wet					ML/CL		23	SILT w/ some clay-not retrieved	
						24			
						25			
						26			
						27			
						28			
						29			
wet	7.3				ML/CL		30	brownish gray SILT w/ some clay, stiff, no odor, no sheen	
						31			
						32	SILT w/ some clay-not retrieved		



Well Screen: 0.010 in slot; 20-40ft
Filter Pack: 10/20 Silica Sand
Well Casing: PVC Sch. 40

MOISTURE CONTENT	ORGANIC VAPOR (PPM)	SAMP. INTERVAL	ANALYTICAL SAMPLE	ANALYTICAL RESULTS (mg/kg)	U.S.C.S SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION	WELL DIAGRAM
wet					ML/CL		34 35 36 37 38 39	SILT w/ some clay-not retrieved	
wet	7.6				ML/CL		40	brownish gray SILT w/ some clay, stiff, no odor, no sheen	
							41 42 43	Bottom of borehole at 40 feet	



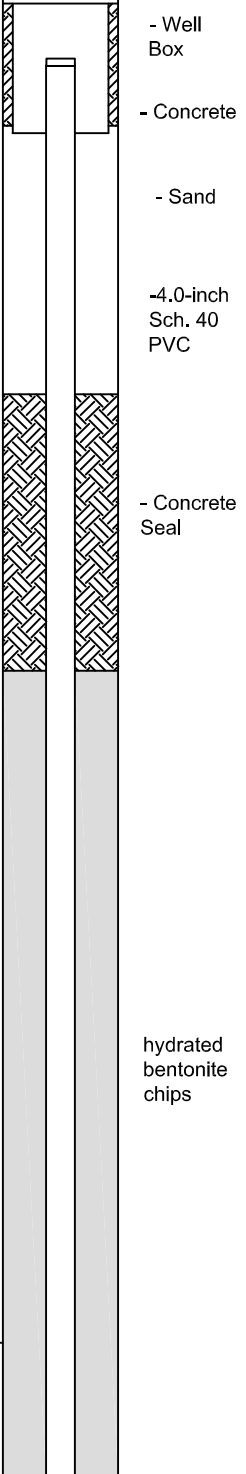
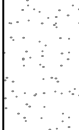
Oxygen Emitter Well: OE-9

Project: Chelan WA-02
Client: RELLC
Location: 221 E. Woodin Ave,
Chelan, WA
Logged By: RS/CW/TD

Date Started: 3/23/2024
Date Completed: 4/8/2024
Driller: Leidos/AEC
Drill Method: Hand Auger/Sonic

Total Boring Depth: 40.0 ft
Hole Diameter: 11.0 in
Well Depth: 40.0 ft
Well Diameter: 4.0 in

Well Screen: 0.010 in slot; 20-40ft
Filter Pack: 10/20 Silica Sand
Well Casing: PVC Sch. 40

MOISTURE CONTENT	ORGANIC VAPOR (PPM)	SAMP. INTERVAL	ANALYTICAL SAMPLE	ANALYTICAL RESULTS (mg/kg)	U.S.C.S SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION	WELL DIAGRAM
moist	4.4				ML		1	Asphalt at surface to 4 inches	
moist	1.3				ML		2	2 - 2.5 ft: medium brown SILT, no odor, no sheen	
moist	0.5				ML		3	4 - 4.5 ft: medium light brown SILT, no odor, no sheen	
moist					ML		4	6 - 6.5 ft: medium light brown fine sandy SILT, no odor, no sheen	
moist					ML		5	8 - 8.5 ft: light brown fine sandy SILT w/ 30% coarse sand, no odor, no sheen	
					SW		6		

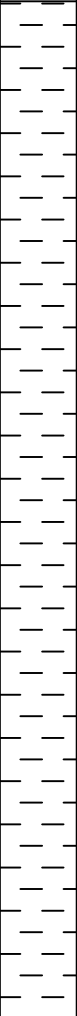
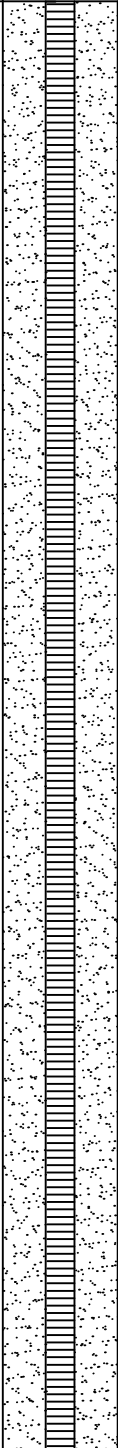
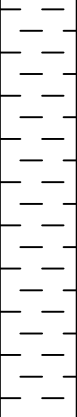


Well Screen: 0.010 in slot; 20-40ft
Filter Pack: 10/20 Silica Sand
Well Casing: PVC Sch. 40

MOISTURE CONTENT	ORGANIC VAPOR (PPM)	SAMP. INTERVAL	ANALYTICAL SAMPLE	ANALYTICAL RESULTS (mg/kg)	U.S.C.S SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION	WELL DIAGRAM
moist	0.5		OE-9-S-13-240408		SW		12		
							13	10 - 15 ft: yellow brown SAND w/ 15% gravel up to 4 inches, dense, no odor, no sheen	
							14		
							15	(approximate depth)	
moist	1.9		OE-9-S-17-240408		ML		16	15 - 20 ft: brownish gray SILT w/ minor clay, no odor, no sheen (thin zone of greenish gray @ 16.5 ft)	
	27						17		
							18		
							19		
moist	0.9				ML/CL		20		
							21	20 - 30 ft: brownish gray SILT w/ some clay, firm, no odor, no sheen	
	2.1						22		



Well Screen: 0.010 in slot; 20-40ft
Filter Pack: 10/20 Silica Sand
Well Casing: PVC Sch. 40

MOISTURE CONTENT	ORGANIC VAPOR (PPM)	SAMP. INTERVAL	ANALYTICAL SAMPLE	ANALYTICAL RESULTS (mg/kg)	U.S.C.S SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION	WELL DIAGRAM
wet					ML/CL		23 24 25 26 27 28 29	SILT w/ some clay-not retrieved	 -4.0-inch Sch. 40 PVC - Sand
wet	0.5				ML/CL		30 31 32	brownish gray SILT w/ some clay, stiff, no odor, no sheen SILT w/ some clay-not retrieved	



Oxygen Emitter Well: OE-9

Project: Chelan WA-02
Client: RELLC
Location: 221 E. Woodin Ave,
Chelan, WA
Logged By: RS/CW/TD

Date Started: 3/23/2024
Date Completed: 4/8/2024
Driller: Leidos/AEC
Drill Method: Hand Auger/Sonic

Total Boring Depth: 40.0 ft
Hole Diameter: 11.0 in
Well Depth: 40.0 ft
Well Diameter: 4.0 in

Well Screen: 0.010 in slot; 20-40ft
Filter Pack: 10/20 Silica Sand
Well Casing: PVC Sch. 40

MOISTURE CONTENT	ORGANIC VAPOR (PPM)	SAMP. INTERVAL	ANALYTICAL SAMPLE	ANALYTICAL RESULTS (mg/kg)	U.S.C.S SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION	WELL DIAGRAM
wet					ML/CL		34 35 36 37 38 39 40	SILT w/ some clay-not retrieved	4.0-inch Sch. 40 PVC - Sand
wet	7.0				ML/CL		40 41 42 43	brownish gray SILT w/ some clay, stiff, no odor, no sheen Bottom of borehole at 40 feet	



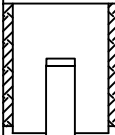
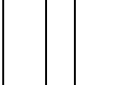
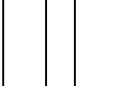
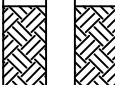
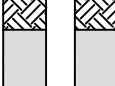
Oxygen Emitter Well: OE-10

Project: Chelan WA-02
Client: RELLC
Location: 221 E. Woodin Ave,
Chelan, WA
Logged By: RS/CW/TD

Date Started: 3/23/2024
Date Completed: 4/8/2024
Driller: Leidos/AEC
Drill Method: Hand Auger/Sonic

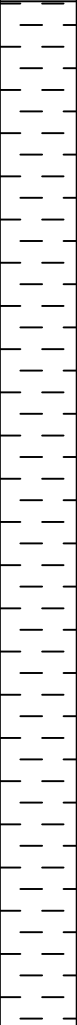
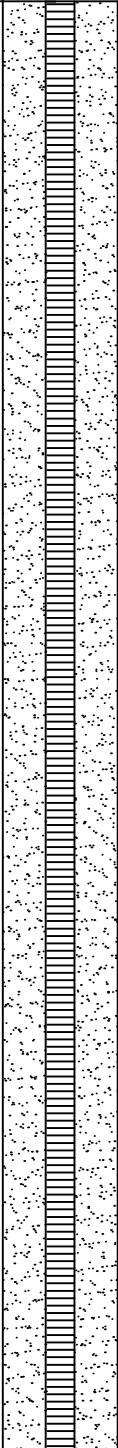
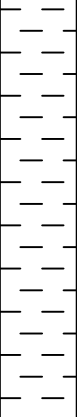
Total Boring Depth: 40.0 ft
Hole Diameter: 11.0 in
Well Depth: 40.0 ft
Well Diameter: 4.0 in

Well Screen: 0.010 in slot; 20-40ft
Filter Pack: 10/20 Silica Sand
Well Casing: PVC Sch. 40

MOISTURE CONTENT	ORGANIC VAPOR (PPM)	SAMP. INTERVAL	ANALYTICAL SAMPLE	ANALYTICAL RESULTS (mg/kg)	U.S.C.S SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION	WELL DIAGRAM
moist	1.9				ML	 	1	Asphalt at surface to 4 inches	 - Well Box
moist	0.2				ML		2	2 - 2.5 ft: medium brown SILT, no odor, no sheen	 - Concrete
moist	0.6				ML		3		 - Sand
moist	1.7				ML		4	4 - 4.5 ft: medium light brown SILT, no odor, no sheen	 -4.0-inch Sch. 40 PVC
					ML		5		 - Concrete Seal
					ML		6	6 - 6.5 ft: medium light brown fine sandy SILT, no odor, no sheen	
					ML		7		
					ML		8	8 - 8.5 ft: light brown fine sandy SILT w/ 30% coarse sand, no odor, no sheen	 hydrated bentonite chips
					SW		9		
					SW		10		
					SW		11		



Well Screen: 0.010 in slot; 20-40ft
Filter Pack: 10/20 Silica Sand
Well Casing: PVC Sch. 40

MOISTURE CONTENT	ORGANIC VAPOR (PPM)	SAMP. INTERVAL	ANALYTICAL SAMPLE	ANALYTICAL RESULTS (mg/kg)	U.S.C.S SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION	WELL DIAGRAM
wet					ML/CL		23 24 25 26 27 28 29	SILT w/ some clay-not retrieved	 -4.0-inch Sch. 40 PVC - Sand
wet	7.8				ML/CL		30 31 32	brownish gray SILT w/ some clay, stiff, no odor, no sheen SILT w/ some clay-not retrieved	



Oxygen Emitter Well: OE-10

Project: Chelan WA-02
Client: RELLC
Location: 221 E. Woodin Ave,
Chelan, WA
Logged By: RS/CW/TD

Date Started: 3/23/2024
Date Completed: 4/8/2024
Driller: Leidos/AEC
Drill Method: Hand Auger/Sonic

Total Boring Depth: 40.0 ft
Hole Diameter: 11.0 in
Well Depth: 40.0 ft
Well Diameter: 4.0 in

Well Screen: 0.010 in slot; 20-40ft
Filter Pack: 10/20 Silica Sand
Well Casing: PVC Sch. 40

MOISTURE CONTENT	ORGANIC VAPOR (PPM)	SAMP. INTERVAL	ANALYTICAL SAMPLE	ANALYTICAL RESULTS (mg/kg)	U.S.C.S SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION	WELL DIAGRAM
wet					ML/CL		34 35 36 37 38 39 40	SILT w/ some clay-not retrieved	-4.0-inch Sch. 40 PVC - Sand
wet	0.9				ML/CL		40 41 42 43	brownish gray SILT w/ some clay, stiff, no odor, no sheen Bottom of borehole at 40 feet	



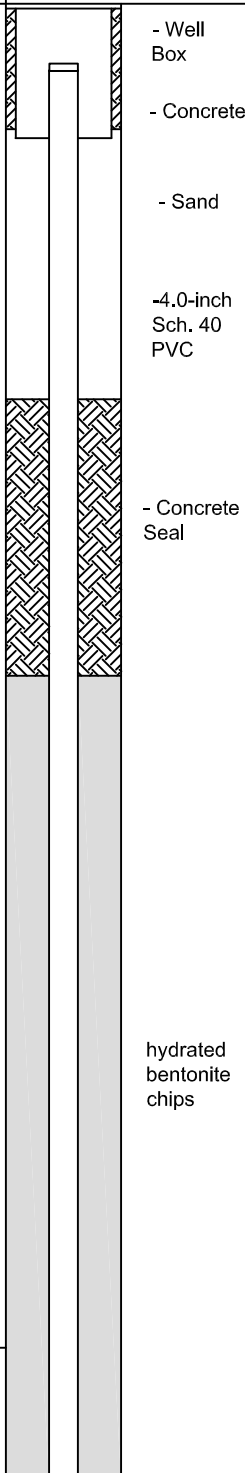
Oxygen Emitter Well: OE-11

Project: Chelan WA-02
Client: RELLC
Location: 221 E. Woodin Ave,
Chelan, WA
Logged By: RS/CW/TD

Date Started: 3/23/2024
Date Completed: 4/7/2024
Driller: Leidos/AEC
Drill Method: Hand Auger/Sonic

Total Boring Depth: 40.0 ft
Hole Diameter: 11.0 in
Well Depth: 40.0 ft
Well Diameter: 4.0 in

Well Screen: 0.010 in slot; 20-40ft
Filter Pack: 10/20 Silica Sand
Well Casing: PVC Sch. 40

MOISTURE CONTENT	ORGANIC VAPOR (PPM)	SAMP. INTERVAL	ANALYTICAL SAMPLE	ANALYTICAL RESULTS (mg/kg)	U.S.C.S SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION	WELL DIAGRAM
moist	8.2				ML		1	Asphalt at surface to 4 inches	 - Well Box - Concrete - Sand - 4.0-inch Sch. 40 PVC - Concrete Seal hydrated bentonite chips
moist	6.9				ML		2	2 - 2.5 ft: medium brown SILT, no odor, no sheen	
moist	3.8				ML		3	4 - 4.5 ft: medium light brown SILT, no odor, no sheen	
moist	4.3				ML		4	6 - 6.5 ft: medium light brown fine sandy SILT, no odor, no sheen	
					SW		5	8 - 8.5 ft: light brown fine sandy SILT w/ 30% coarse sand, no odor, no sheen	



Well Screen: 0.010 in slot; 20-40ft
Filter Pack: 10/20 Silica Sand
Well Casing: PVC Sch. 40

MOISTURE CONTENT	ORGANIC VAPOR (PPM)	SAMP. INTERVAL	ANALYTICAL SAMPLE	ANALYTICAL RESULTS (mg/kg)	U.S.C.S SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION	WELL DIAGRAM
moist					SW		12		
							13		
							14	10 - 17 ft: SAND w/ 10% gravel up to 5 inches, dense, no odor, no sheen	4.0-inch Sch. 40 PVC
							15		hydrated bentonite chips
moist							16		
	0.0				ML		17	(approximate depth)	
	0.0						18	17 - 20 ft: light brown-gray SILT w/ minor tan clay layers, stiff, no odor, no sheen	
							19		
	0.0						20		Sand
moist					ML/CL		21	20-30 ft: SILT w/ some clay-not retrieved	
							22		



Oxygen Emitter Well: OE-11

Project: Chelan WA-02
Client: RELLC
Location: 221 E. Woodin Ave,
Chelan, WA
Logged By: RS/CW/TD

Date Started: 3/23/2024
Date Completed: 4/7/2024
Driller: Leidos/AEC
Drill Method: Hand Auger/Sonic

Total Boring Depth: 40.0 ft
Hole Diameter: 11.0 in
Well Depth: 40.0 ft
Well Diameter: 4.0 in

Well Screen: 0.010 in slot; 20-40ft
Filter Pack: 10/20 Silica Sand
Well Casing: PVC Sch. 40

MOISTURE CONTENT	ORGANIC VAPOR (PPM)	SAMP. INTERVAL	ANALYTICAL SAMPLE	ANALYTICAL RESULTS (mg/kg)	U.S.C.S SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION	WELL DIAGRAM
wet					ML/CL		23		
							24	SILT w/ some clay-not retrieved	
							25		
							26		
							27	SILT w/ some clay-not retrieved	
							28		
							29		
							30	light gray SILT w/ some clay, stiff, no odor, no sheen	
							31		
							32	SILT w/ some clay-not retrieved	
wet	2.1				ML/CL		33		



Oxygen Emitter Well: OE-11

Project: Chelan WA-02
Client: RELLC
Location: 221 E. Woodin Ave,
Chelan, WA
Logged By: RS/CW/TD

Date Started: 3/23/2024
Date Completed: 4/7/2024
Driller: Leidos/AEC
Drill Method: Hand Auger/Sonic

Total Boring Depth: 40.0 ft
Hole Diameter: 11.0 in
Well Depth: 40.0 ft
Well Diameter: 4.0 in

Well Screen: 0.010 in slot; 20-40ft
Filter Pack: 10/20 Silica Sand
Well Casing: PVC Sch. 40

MOISTURE CONTENT	ORGANIC VAPOR (PPM)	SAMP. INTERVAL	ANALYTICAL SAMPLE	ANALYTICAL RESULTS (mg/kg)	U.S.C.S SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION	WELL DIAGRAM
wet					ML/CL		34 35 36 37 38 39	SILT w/ some clay-not retrieved	
wet	12.4				ML/CL		40 41 42 43	medium light gray SILT w/ some clay, stiff, no odor, no sheen Bottom of borehole at 40 feet	-4.0-inch Sch. 40 PVC - Sand



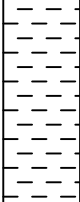
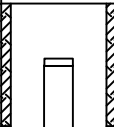
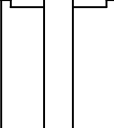
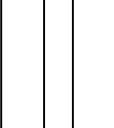
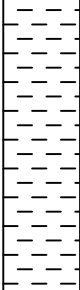
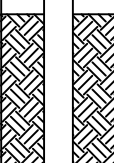
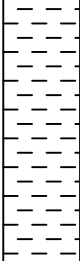
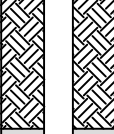
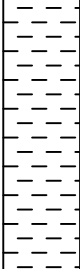
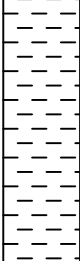
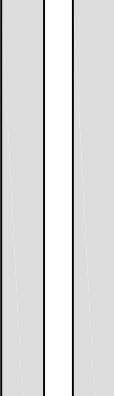
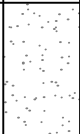
Oxygen Emitter Well: OE-12

Project: Chelan WA-02
Client: RELLC
Location: 221 E. Woodin Ave,
Chelan, WA
Logged By: RS/CW/TD

Date Started: 3/23/2024
Date Completed: 4/7/2024
Driller: Leidos/AEC
Drill Method: Hand Auger/Sonic

Total Boring Depth: 40.0 ft
Hole Diameter: 11.0 in
Well Depth: 40.0 ft
Well Diameter: 4.0 in

Well Screen: 0.010 in slot; 20-40ft
Filter Pack: 10/20 Silica Sand
Well Casing: PVC Sch. 40

MOISTURE CONTENT	ORGANIC VAPOR (PPM)	SAMP. INTERVAL	ANALYTICAL SAMPLE	ANALYTICAL RESULTS (mg/kg)	U.S.C.S SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION	WELL DIAGRAM
moist	4.3				ML	 	1	Asphalt at surface to 4 inches	 - Well Box  - Concrete  - Sand
moist	2.7				ML		2	2 - 2.5 ft: medium dark brown SILT, no odor, no sheen	 -4.0-inch Sch. 40 PVC
moist	2.1				ML		3	4 - 4.5 ft: medium light brown SILT, no odor, no sheen	 - Concrete Seal
moist	9.2				ML		4	6 - 6.5 ft: light brown fine sandy SILT, no odor, no sheen	
moist					ML		5	8 - 8.5 ft: light brown fine sandy SILT, no odor, no sheen	 hydrated bentonite chips
					SW		6		



Oxygen Emitter Well: OE-12

Project: Chelan WA-02
Client: RELLC
Location: 221 E. Woodin Ave,
Chelan, WA
Logged By: RS/CW/TD

Date Started: 3/23/2024
Date Completed: 4/7/2024
Driller: Leidos/AEC
Drill Method: Hand Auger/Sonic

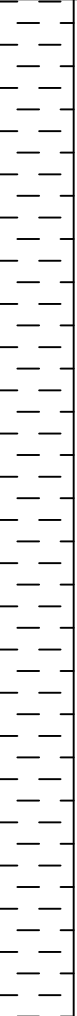
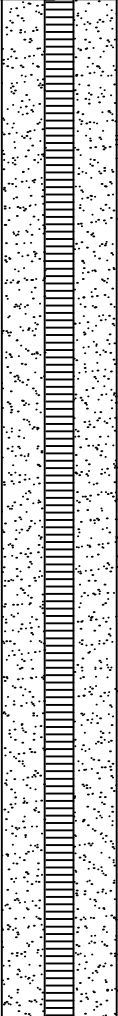
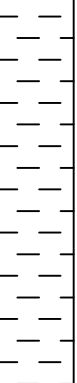
Total Boring Depth: 40.0 ft
Hole Diameter: 11.0 in
Well Depth: 40.0 ft
Well Diameter: 4.0 in

Well Screen: 0.010 in slot; 20-40ft
Filter Pack: 10/20 Silica Sand
Well Casing: PVC Sch. 40

MOISTURE CONTENT	ORGANIC VAPOR (PPM)	SAMP. INTERVAL	ANALYTICAL SAMPLE	ANALYTICAL RESULTS (mg/kg)	U.S.C.S SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION	WELL DIAGRAM
moist					SW		12		
							13		
							14	10 - 15 ft: yellowish brown to brown-gray fine to coarse SAND w/ 15% gravel up to 4 inches, dense, no odor, no sheen	-4.0-inch Sch. 40 PVC
	0.1						15	(approximate depth)	
moist	57						16	15 - 17 ft: slightly greenish-gray SILT w/ minor clay, firm, weak odor, no sheen	hydrated bentonite chips
	41						17		
	39						18	17 - 18.5 ft: brownish-gray SILT w/ little clay (more than above), firm to stiff	
	2990		OE-12-S-17-240407		ML		19	@18.5 - 20 ft: moderate odor, moderate sheen	
							20	@ ≥20 ft: no odor, no sheen	
	69						21	20-30 ft: SILT w/ some clay-not retrieved	
moist					ML/CL		22		



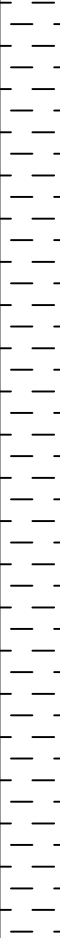
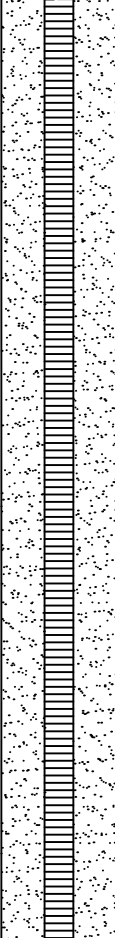
Well Screen: 0.010 in slot; 20-40ft
Filter Pack: 10/20 Silica Sand
Well Casing: PVC Sch. 40

MOISTURE CONTENT	ORGANIC VAPOR (PPM)	SAMP. INTERVAL	ANALYTICAL SAMPLE	ANALYTICAL RESULTS (mg/kg)	U.S.C.S SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION	WELL DIAGRAM
wet					ML/CL		23 24 25 26 27 28 29	SILT w/ some clay-not retrieved	 -4.0-inch Sch. 40 PVC - Sand
wet	20				ML/CL		30 31 32	brownish gray SILT w/ some clay, stiff, no odor, no sheen SILT w/ some clay-not retrieved	



Oxygen Emitter Well: OE-12

Project: Chelan WA-02 Date Started: 3/23/2024 Total Boring Depth: 40.0 ft Well Screen: 0.010 in slot; 20-40ft
Client: RELLC Date Completed: 4/7/2024 Hole Diameter: 11.0 in Filter Pack: 10/20 Silica Sand
Location: 221 E. Woodin Ave, Driller: Leidos/AEC Well Depth: 40.0 ft Well Casing: PVC Sch. 40
Chelan, WA Drill Method: Hand Auger/Sonic Well Diameter: 4.0 in
Logged By: RS/CW/TD

MOISTURE CONTENT	ORGANIC VAPOR (PPM)	SAMP. INTERVAL	ANALYTICAL SAMPLE	ANALYTICAL RESULTS (mg/kg)	U.S.C.S SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION	WELL DIAGRAM
wet					ML/CL		34 35 36 37 38 39	SILT w/ some clay-not retrieved	 -4.0-inch Sch. 40 PVC - Sand
wet	2.0				ML/CL		40	medium light gray SILT w/ some clay, stiff, no odor, no sheen	
							41 42 43	Bottom of borehole at 40 feet	

Appendix C
Geophysical Investigation Report

Geophysical Survey LLC
711 S Tacoma Street
Kennewick, Washington 99336

March 18, 2024

Russell Shropshire
Leidos
11824 North Creek Parkway, Suite 101
Bothell, WA 98011

Re: *Geophysical Investigation
E Woodin Avenue
Chelan, Washington*

Mr. Shropshire:

Geophysical Survey LLC conducted a geophysical location at 125 E Woodin Avenue and 221 E Woodin Avenue in Chelan, Washington on March 8, 2024. The objectives of the survey were to detect and delineate underground storage tanks (USTs) and subsurface utilities.

METHODOLOGY

Time Domain Electromagnetic Method (EM61)

Time domain electromagnetic methods involve generating a signal of known frequency and voltage from a transmitter. In the presence of metallic objects an EM signal is induced when the transmitted signal is applied. When the transmitter is turned off the induced signal decays at a rate proportional to the metal mass in which it was induced.

The Geonics EM61MK2 consists of a transmitter (Tx) and receiver (Rx) coil and a coincident receiver coil located 30 cm above the bottom coil. The transmitter coil is energized by a pulse of current and the receiver coils measure the response decay at fixed time intervals. Three time gates of data from the bottom coil and the top coil are recorded, differential data is the top coil minus channel 3 bottom coil data. Differential data is calculated by subtracting the top coil from the bottom coil with a geometric factor. It is useful in differentiating above ground targets from below surface targets. Negative values are indicative of targets above ground. The minimum response for a UST target in differential response would be 150 mV.

Ground-Penetrating Radar

Ground-penetrating radar (GPR) uses a transducer to transmit FM frequency electromagnetic energy into the ground. Interfaces in the subsurface, defined by contrasts in dielectric constants, magnetic susceptibility, and to some extent, electrical conductivity, reflect the transmitted energy. The GPR system then measures the travel time between transmitted pulses and arrival of reflected energy. Buried objects such as pipes, barrels, foundations, and buried wires can cause all or a portion of the transmitted energy to be reflected back towards a receiving antenna. Geologic features such as cross-bedding, lateral and vertical changes in soil properties, and rock interfaces can also cause reflections of a portion of the EM energy.

The dielectric constant and magnetic susceptibility of the medium primarily control the velocity of the EM energy. Values of EM velocities, for depth calculations, are determined by measurement, experience in an area, by ties to known buried reflectors, and from knowledge of the subsurface medium.

The depth of investigation is a function of the transmit power, receiver sensitivity, frequency of the antenna, and attenuation of the transmitted energy due to the geologic medium. The maximum depth of investigation may vary significantly as a result of the changing soil conditions. High attenuation, and consequent smaller penetration depths, of the EM energy typically occurs where the soil conductivity is greater than 25 milli-siemens per meter and/or in areas with numerous reflective interfaces. Depth of investigation is also affected by highly conductive material, such as metal drums and pipes that essentially reflect all the energy. The method cannot “see” directly below areas of highly reflective material because all of the energy is reflected.

Electromagnetic Line Locating

Utility line locating equipment operates through the principles of electromagnetics (EM), designed to detect underground utilities constructed of electrically conductive materials. An active signal is applied to the underground utility by means of a radio frequency (RF) transmitter and then traced with a receiver. With direct coupling, an RF signal is applied to a cable or pipe where there is access to a contact point. With no access to the utility, the indirect mode is used. A transmitter is placed on the ground surface above the conductor and the signal is induced through earth onto the pipe or cable.

The active signal is created from current flowing from the transmitter, along the conductor (utility line), and back to the transmitter thru the ground. The signal can also return thru other utility lines. This type of return can distort the electromagnetic field and cause erroneous locations.

Passive signals include power transmission (60Hz) and radio transmission (15kHz-27kHz). 60Hz signals are present in conductors carrying electric current and from utilities carrying return current (indirect induction). Radio signals are created by high power, low frequency communication transmitters. Conductive utilities re-radiate the signal. A receiver is used to trace power and radio transmissions.

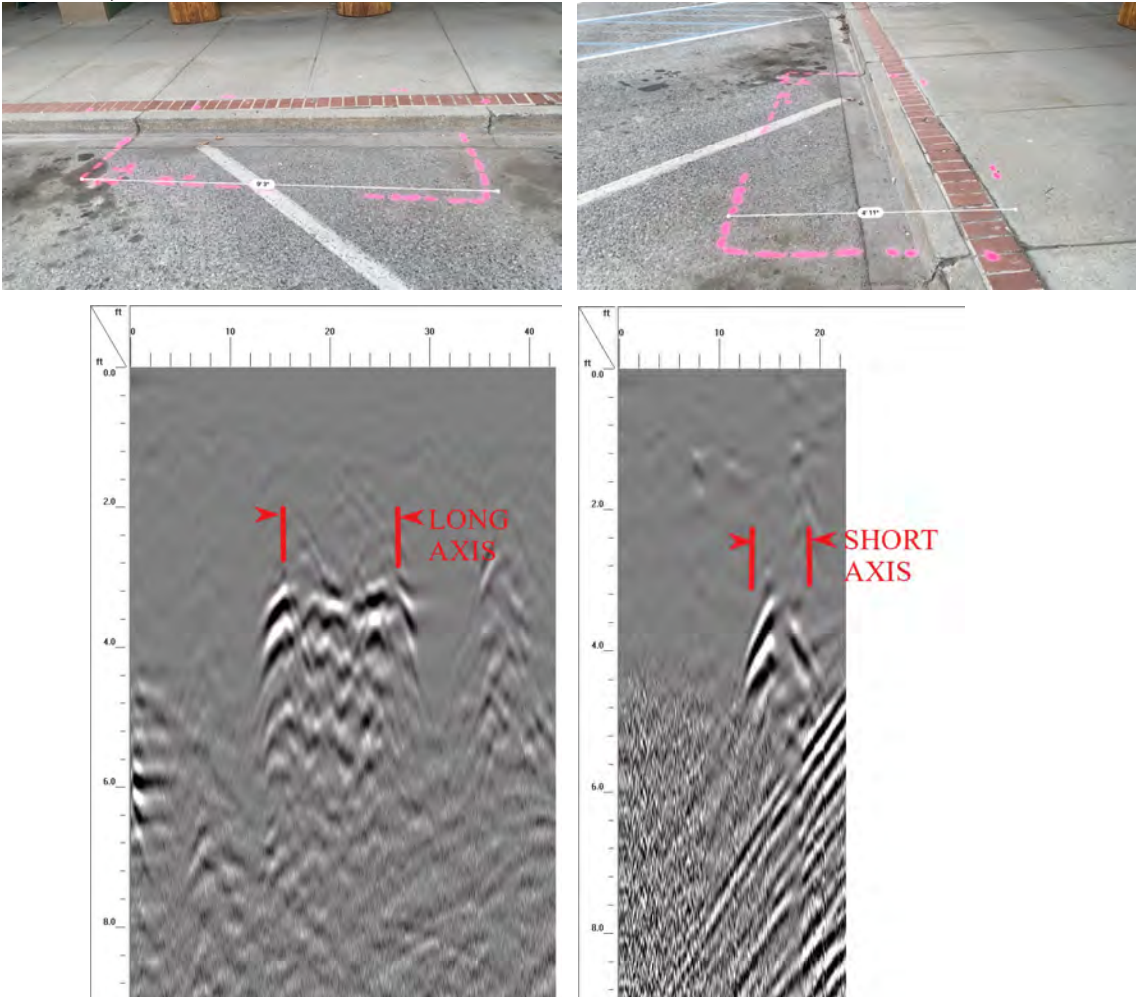
FIELD SURVEY

GPR Data Acquisition

GPR data were acquired with a Geophysical Survey Systems, Inc. (GSSI) SIR G1 control unit and a 350 MHz Hyperstacking antenna. GPR data were collected at 18 scans/foot with a 60 nano-Second window (approximately 9 feet with a dielectric constant of 9).

RESULTS AND INTERPRETATION

At 125 E Woodin Avenue one UST was detected. The UST was approximately 9 by 5 feet. The tank was at a depth of 2.6 feet.



GPR Data 1

No piping associated with the UST was detected. The sidewalk to the north is reinforced with wire mesh, GPR data north of the UST was poor.

Three USTs were marked out at 221 E Woodin Avenue. The USTs were detected in a previous survey on October 23, 2018. The entire parking lot area at 221 E Woodin was searched using ground penetrating radar and EM line locator on March 8 and the USTs and subsurface utilities were marked out.

CLOSURE

Geophysical surveys performed as part of this survey may or may not successfully detect or delineate any or all subsurface objects or features present. Locations, depths and scale of buried objects or subsurface features mapped as a result of this survey are a result of geophysical interpretation, and should be considered as confirmed, actual, or accurate only where recovered by excavation or drilling.

Utility Locate
E Woodin Ave.
March 8, 2024

Page 4

Geophysical Survey LLC performed this work in a manner consistent with the level of skill ordinarily exercised by members of the profession currently practicing under similar conditions. No warranty, express or implied, beyond exercise of reasonable care and professional diligence, is made. This report is intended for use only in accordance with the purposes of the study described within.

Respectfully,

Geophysical Survey LLC

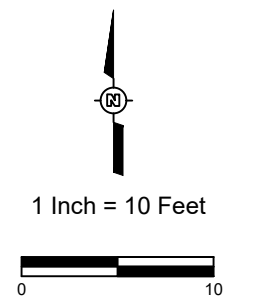
A handwritten signature in black ink, appearing to read "Mark Villa L.G.", is written over a light pink rectangular background.

Mark Villa L.G.

**Geophysical Investigation
E Woodin Avenue
Chelan, Washington**

LIST OF FIGURES

Figure 1	125 E Woodin Avenue Geophysical Interpretation
Figure 2	125 E Woodin Avenue EM Data Contours
Figure 3	221 E Woodin Avenue Geophysical Interpretation



Legend

- 2.0 Depth to top in feet
- Unknown utility
- Electric line
- Water line
- Telcom line
- Storm sewer
- UST

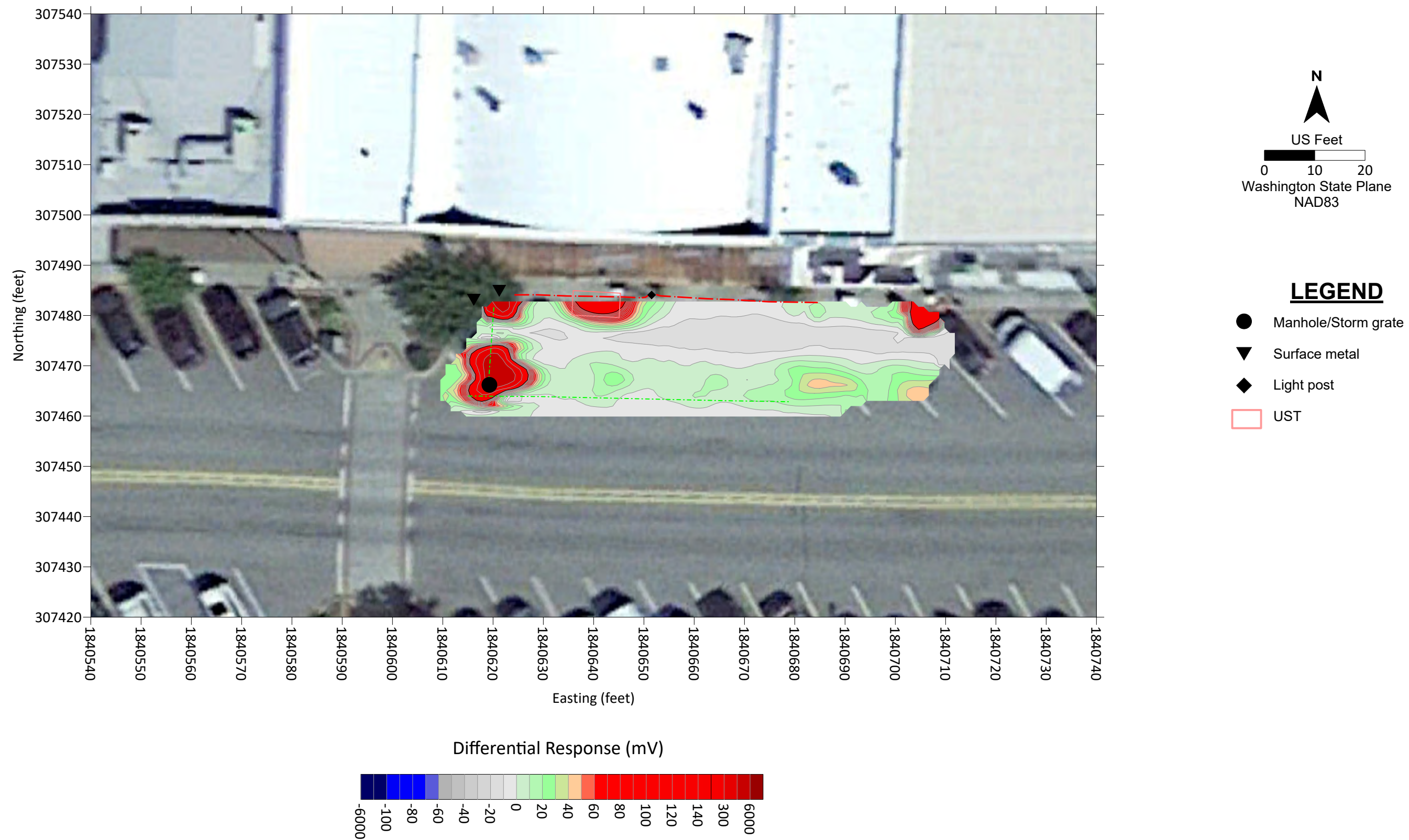
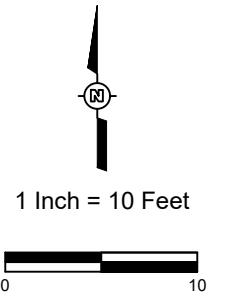
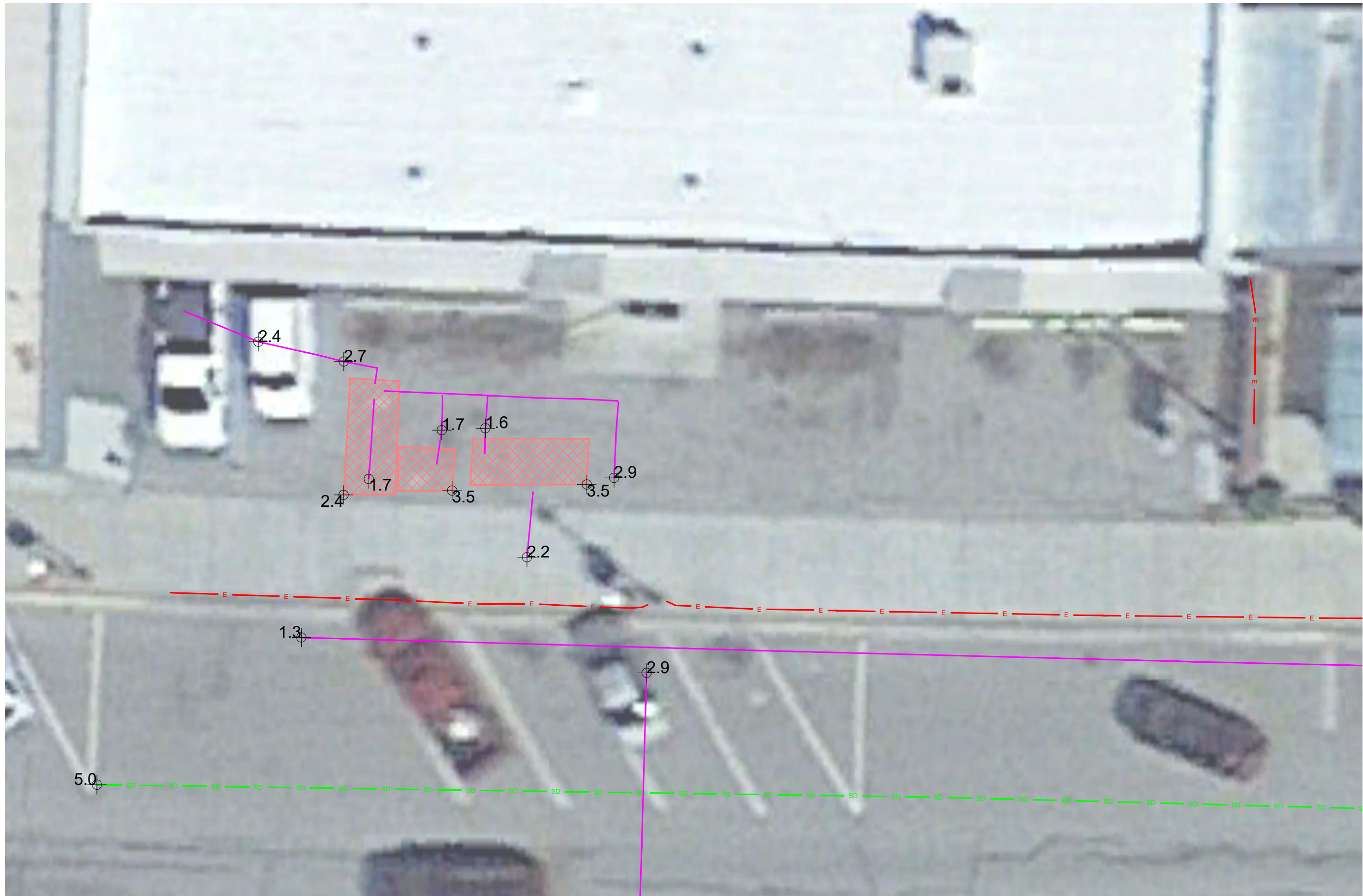


FIGURE 2
EM Data Contours
125 E Woddin Avenue
Chelan, WA



Legend

- 2.0 Depth to top in feet
- Unknown utility
- Electric line
- Water line
- Storm sewer
- Telcom line
- UST

Appendix D
Laboratory Analytical Reports

April 19, 2024

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

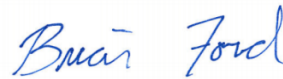
⁸ Al

⁹ Sc

Leidos Inc.- Bothell, WA

Sample Delivery Group: L1724133
Samples Received: 04/10/2024
Project Number: 348752
Description: Chevron #9-6590
Site: 232 EAST WOODIN AVE CHELAN WA
Report To: Russ Shropshire
11824 North Creek Parkway N
Suite 101
Bothell, WA 98011

Entire Report Reviewed By:



Brian Ford
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

TABLE OF CONTENTS

Cp: Cover Page	1
Tc: Table of Contents	2
Ss: Sample Summary	3
Cn: Case Narrative	8
Sr: Sample Results	9
OE-1-S-15-240405 L1724133-01	9
OE-1-S-30-240405 L1724133-02	10
OE-1-S-40-240405 L1724133-03	11
OE-2-S-16-240405 L1724133-04	12
OE-4-S-18-240406 L1724133-05	13
OE-4-S-40-240406 L1724133-06	14
OE-5-S-16-240406 L1724133-07	15
OE-5-S-30-240406 L1724133-08	16
OE-6-S-17-240406 L1724133-09	17
OE-6-S-20-240406 L1724133-10	18
OE-6-S-30-240406 L1724133-11	19
OE-12-S-17-240407 L1724133-12	20
OE-10-S-16-240408 L1724133-13	21
OE-9-S-17-240408 L1724133-14	22
OE-8-S-18-240408 L1724133-15	23
OE-8-S-13-240408 L1724133-16	24
OE-7-S-15-240408 L1724133-17	25
DUP-1-S--240408 L1724133-18	26
OE-7-S-14-240408 L1724133-19	27
OE-7-S-17-240408 L1724133-20	28
TB-1-240405 L1724133-21	29
TB-2-240405 L1724133-22	30
Qc: Quality Control Summary	31
Total Solids by Method 2540 G-2011	31
Metals (ICPMS) by Method 6020B	34
Volatile Organic Compounds (GC) by Method NWTPHGX	37
Volatile Organic Compounds (GC/MS) by Method 8260D	41
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	45
Gl: Glossary of Terms	47
Al: Accreditations & Locations	48
Sc: Sample Chain of Custody	49

¹ Cp
² Tc
³ Ss
⁴ Cn
⁵ Sr
⁶ Qc
⁷ Gl
⁸ Al
⁹ Sc

SAMPLE SUMMARY

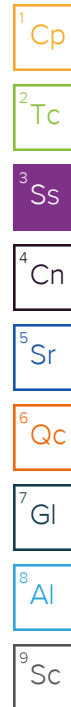
OE-1-S-15-240405 L1724133-01 Solid

Collected by
CW/TD

Collected date/time
04/05/24 09:00

Received date/time
04/10/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2264584	1	04/11/24 08:16	04/11/24 08:23	KDW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2264706	5	04/11/24 11:50	04/18/24 12:42	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2269068	2500	04/05/24 09:00	04/17/24 21:09	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2265091	20	04/05/24 09:00	04/11/24 19:10	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2269609	2000	04/05/24 09:00	04/18/24 16:47	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2266809	10	04/15/24 17:06	04/16/24 03:29	JAS	Mt. Juliet, TN



OE-1-S-30-240405 L1724133-02 Solid

Collected by
CW/TD

Collected date/time
04/05/24 10:00

Received date/time
04/10/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2264584	1	04/11/24 08:16	04/11/24 08:23	KDW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2264706	5	04/11/24 11:50	04/18/24 12:45	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2265336	25	04/05/24 10:00	04/16/24 01:18	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2265091	1	04/05/24 10:00	04/11/24 14:45	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2269128	10	04/05/24 10:00	04/17/24 23:19	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2266809	1	04/15/24 17:06	04/16/24 01:02	JAS	Mt. Juliet, TN

OE-1-S-40-240405 L1724133-03 Solid

Collected by
CW/TD

Collected date/time
04/05/24 10:20

Received date/time
04/10/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2264584	1	04/11/24 08:16	04/11/24 08:23	KDW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2264706	5	04/11/24 11:50	04/18/24 12:48	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2265336	25	04/05/24 10:20	04/16/24 01:37	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2265091	1	04/05/24 10:20	04/11/24 15:04	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2266809	1	04/15/24 17:06	04/16/24 01:14	JAS	Mt. Juliet, TN

OE-2-S-16-240405 L1724133-04 Solid

Collected by
CW/TD

Collected date/time
04/05/24 13:00

Received date/time
04/10/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2264584	1	04/11/24 08:16	04/11/24 08:23	KDW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2264706	5	04/11/24 11:50	04/18/24 12:51	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2265336	500	04/05/24 13:00	04/16/24 08:42	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2265091	40	04/05/24 13:00	04/11/24 19:29	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2266809	10	04/15/24 17:06	04/16/24 03:41	JAS	Mt. Juliet, TN

OE-4-S-18-240406 L1724133-05 Solid

Collected by
CW/TD

Collected date/time
04/06/24 08:45

Received date/time
04/10/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2264584	1	04/11/24 08:16	04/11/24 08:23	KDW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2264706	5	04/11/24 11:50	04/18/24 13:19	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2265336	1000	04/06/24 08:45	04/16/24 09:40	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2265091	80	04/06/24 08:45	04/11/24 19:48	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2269128	1020	04/06/24 08:45	04/18/24 00:54	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2266809	5	04/15/24 17:06	04/16/24 02:52	JAS	Mt. Juliet, TN

SAMPLE SUMMARY

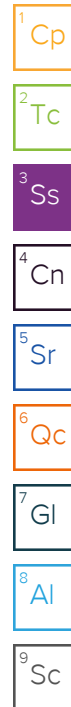
OE-4-S-40-240406 L1724133-06 Solid

Collected by
CW/TD

Collected date/time
04/06/24 09:20

Received date/time
04/10/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2264584	1	04/11/24 08:16	04/11/24 08:23	KDW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2264706	5	04/11/24 11:50	04/18/24 13:22	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2265336	25	04/06/24 09:20	04/16/24 02:54	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2265091	1	04/06/24 09:20	04/11/24 15:23	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2269128	10	04/06/24 09:20	04/17/24 23:38	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2266809	1	04/15/24 17:06	04/16/24 00:12	JAS	Mt. Juliet, TN



OE-5-S-16-240406 L1724133-07 Solid

Collected by
CW/TD

Collected date/time
04/06/24 10:45

Received date/time
04/10/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2264584	1	04/11/24 08:16	04/11/24 08:23	KDW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2264706	5	04/11/24 11:50	04/18/24 11:39	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2269068	5000	04/06/24 10:45	04/17/24 21:32	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2265091	40	04/06/24 10:45	04/11/24 20:07	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2269128	1000	04/06/24 10:45	04/18/24 01:14	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2266809	5	04/15/24 17:06	04/16/24 02:40	JAS	Mt. Juliet, TN

OE-5-S-30-240406 L1724133-08 Solid

Collected by
CW/TD

Collected date/time
04/06/24 11:00

Received date/time
04/10/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2264584	1	04/11/24 08:16	04/11/24 08:23	KDW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2264706	5	04/11/24 11:50	04/18/24 13:25	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2265336	25	04/06/24 11:00	04/16/24 03:13	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2265091	1	04/06/24 11:00	04/11/24 15:42	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2269609	13.7	04/06/24 11:00	04/18/24 17:06	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2266809	1	04/15/24 17:06	04/16/24 00:25	JAS	Mt. Juliet, TN

OE-6-S-17-240406 L1724133-09 Solid

Collected by
CW/TD

Collected date/time
04/06/24 13:30

Received date/time
04/10/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2264584	1	04/11/24 08:16	04/11/24 08:23	KDW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2264706	5	04/11/24 11:50	04/18/24 13:28	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2269068	5000	04/06/24 13:30	04/17/24 21:56	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2265091	40	04/06/24 13:30	04/11/24 20:26	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2269128	1080	04/06/24 13:30	04/18/24 01:52	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2266809	10	04/15/24 17:06	04/16/24 03:04	JAS	Mt. Juliet, TN

OE-6-S-20-240406 L1724133-10 Solid

Collected by
CW/TD

Collected date/time
04/06/24 13:40

Received date/time
04/10/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2264586	1	04/11/24 08:04	04/11/24 08:13	KDW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2264706	5	04/11/24 11:50	04/18/24 13:32	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2269068	390	04/06/24 13:40	04/17/24 22:22	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2265091	1.56	04/06/24 13:40	04/11/24 16:01	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2266809	5	04/15/24 17:06	04/16/24 01:51	JAS	Mt. Juliet, TN

SAMPLE SUMMARY

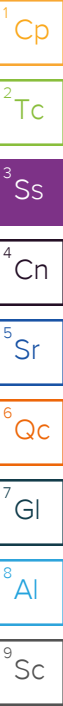
OE-6-S-30-240406 L1724133-11 Solid

Collected by
CW/TD

Collected date/time
04/06/24 13:50

Received date/time
04/10/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2264586	1	04/11/24 08:04	04/11/24 08:13	KDW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2264697	5	04/11/24 12:38	04/12/24 18:45	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2269068	25	04/06/24 13:50	04/17/24 20:22	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2265091	1	04/06/24 13:50	04/11/24 16:20	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2266809	1	04/15/24 17:06	04/16/24 00:00	JAS	Mt. Juliet, TN



OE-12-S-17-240407 L1724133-12 Solid

Collected by
CW/TD

Collected date/time
04/07/24 08:30

Received date/time
04/10/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2264586	1	04/11/24 08:04	04/11/24 08:13	KDW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2264697	5	04/11/24 12:38	04/12/24 18:49	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2269068	1000	04/07/24 08:30	04/17/24 22:45	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2265091	8	04/07/24 08:30	04/11/24 20:45	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2269609	1000	04/07/24 08:30	04/18/24 17:25	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2266809	1	04/15/24 17:06	04/16/24 01:26	JAS	Mt. Juliet, TN

OE-10-S-16-240408 L1724133-13 Solid

Collected by
CW/TD

Collected date/time
04/08/24 08:00

Received date/time
04/10/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2264586	1	04/11/24 08:04	04/11/24 08:13	KDW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2264697	5	04/11/24 12:38	04/12/24 18:52	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2269068	25	04/08/24 08:00	04/17/24 20:46	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2265091	1	04/08/24 08:00	04/11/24 16:39	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2266809	1	04/15/24 17:06	04/15/24 23:48	JAS	Mt. Juliet, TN

OE-9-S-17-240408 L1724133-14 Solid

Collected by
CW/TD

Collected date/time
04/08/24 09:40

Received date/time
04/10/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2264586	1	04/11/24 08:04	04/11/24 08:13	KDW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2264697	5	04/11/24 12:38	04/12/24 19:12	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2268060	25	04/08/24 09:40	04/16/24 19:31	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2265091	1	04/08/24 09:40	04/11/24 16:58	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2266809	1	04/15/24 17:06	04/16/24 00:37	JAS	Mt. Juliet, TN

OE-8-S-18-240408 L1724133-15 Solid

Collected by
CW/TD

Collected date/time
04/08/24 11:00

Received date/time
04/10/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2264586	1	04/11/24 08:04	04/11/24 08:13	KDW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2264697	5	04/11/24 12:38	04/12/24 19:15	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2268060	25	04/08/24 11:00	04/16/24 19:54	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2265091	1	04/08/24 11:00	04/11/24 17:17	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2266809	1	04/15/24 17:06	04/16/24 00:49	JAS	Mt. Juliet, TN

SAMPLE SUMMARY

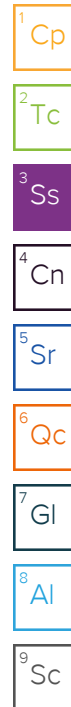
OE-8-S-13-240408 L1724133-16 Solid

Collected by
CW/TD

Collected date/time
04/08/24 11:15

Received date/time
04/10/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2264586	1	04/11/24 08:04	04/11/24 08:13	KDW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2264697	5	04/11/24 12:38	04/12/24 19:18	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2265336	25	04/08/24 11:15	04/16/24 05:09	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2265091	1	04/08/24 11:15	04/11/24 17:36	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2267675	1	04/16/24 16:29	04/16/24 23:19	JAS	Mt. Juliet, TN



OE-7-S-15-240408 L1724133-17 Solid

Collected by
CW/TD

Collected date/time
04/08/24 14:40

Received date/time
04/10/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2264586	1	04/11/24 08:04	04/11/24 08:13	KDW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2264697	5	04/11/24 12:38	04/12/24 19:22	JPD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2265336	25	04/08/24 14:40	04/16/24 05:29	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2265091	1	04/08/24 14:40	04/11/24 17:55	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2267675	1	04/16/24 16:29	04/17/24 01:29	JAS	Mt. Juliet, TN

DUP-1-S--240408 L1724133-18 Solid

Collected by
CW/TD

Collected date/time
04/08/24 14:45

Received date/time
04/10/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2264586	1	04/11/24 08:04	04/11/24 08:13	KDW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2264700	5	04/11/24 14:13	04/16/24 18:13	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2269068	250	04/08/24 14:45	04/17/24 23:10	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2265091	1	04/08/24 14:45	04/11/24 18:14	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2269128	10	04/08/24 14:45	04/17/24 23:57	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2267675	1	04/16/24 16:29	04/16/24 23:58	JAS	Mt. Juliet, TN

OE-7-S-14-240408 L1724133-19 Solid

Collected by
CW/TD

Collected date/time
04/08/24 14:50

Received date/time
04/10/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2264586	1	04/11/24 08:04	04/11/24 08:13	KDW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2264700	5	04/11/24 14:13	04/16/24 18:16	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2265336	25	04/08/24 14:50	04/16/24 07:25	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2265091	1	04/08/24 14:50	04/11/24 18:33	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2269128	10	04/08/24 14:50	04/18/24 00:16	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2267675	1	04/16/24 16:29	04/17/24 01:03	JAS	Mt. Juliet, TN

OE-7-S-17-240408 L1724133-20 Solid

Collected by
CW/TD

Collected date/time
04/08/24 15:00

Received date/time
04/10/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG2264588	1	04/11/24 07:56	04/11/24 08:03	KDW	Mt. Juliet, TN
Metals (ICPMS) by Method 6020B	WG2264700	5	04/11/24 14:13	04/16/24 18:20	LD	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2265336	25	04/08/24 15:00	04/16/24 07:44	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2265091	1	04/08/24 15:00	04/11/24 18:51	JAH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2269128	1	04/08/24 15:00	04/17/24 23:00	JHH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2267675	1	04/16/24 16:29	04/16/24 23:45	JAS	Mt. Juliet, TN

SAMPLE SUMMARY

TB-1-240405 L1724133-21 GW

Collected by
CW/TD

Collected date/time
04/05/24 08:00

Received date/time
04/10/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2267048	1	04/15/24 02:12	04/15/24 02:12	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2265301	1	04/11/24 23:11	04/11/24 23:11	ACG	Mt. Juliet, TN

TB-2-240405 L1724133-22 GW

Collected by
CW/TD

Collected date/time
04/05/24 08:15

Received date/time
04/10/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2267048	1	04/15/24 02:34	04/15/24 02:34	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2265301	1	04/11/24 23:30	04/11/24 23:30	ACG	Mt. Juliet, TN

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Brian Ford
Project Manager

- ¹ Cp
- ² Tc
- ³ Ss
- ⁴ Cn
- ⁵ Sr
- ⁶ Qc
- ⁷ Gl
- ⁸ Al
- ⁹ Sc

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	78.2		1	04/11/2024 08:23	WG2264584

Metals (ICPMS) by Method 6020B

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Lead	25.4		0.127	2.56	5	04/18/2024 12:42	WG2264706

Volatile Organic Compounds (GC) by Method NWTPHGX

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	7710		137	403	2500	04/17/2024 21:09	WG2269068
(S) a,a,a-Trifluorotoluene(FID)	95.4			77.0-120		04/17/2024 21:09	WG2269068

Volatile Organic Compounds (GC/MS) by Method 8260D

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Benzene	2.71		0.0151	0.0322	20	04/11/2024 19:10	WG2265091
1,2-Dibromoethane	U		0.0210	0.0806	20	04/11/2024 19:10	WG2265091
1,2-Dichloroethane	U		0.0210	0.0806	20	04/11/2024 19:10	WG2265091
Ethylbenzene	28.5		0.0237	0.0806	20	04/11/2024 19:10	WG2265091
Methyl tert-butyl ether	U		0.0113	0.0322	20	04/11/2024 19:10	WG2265091
Tetrachloroethene	U		0.0289	0.0806	20	04/11/2024 19:10	WG2265091
Toluene	31.8		0.0419	0.161	20	04/11/2024 19:10	WG2265091
Xylenes, Total	179		2.86	21.2	2000	04/18/2024 16:47	WG2269609
(S) Toluene-d8	100			75.0-131		04/11/2024 19:10	WG2265091
(S) Toluene-d8	94.3			75.0-131		04/18/2024 16:47	WG2269609
(S) 4-Bromofluorobenzene	78.2			67.0-138		04/11/2024 19:10	WG2265091
(S) 4-Bromofluorobenzene	102			67.0-138		04/18/2024 16:47	WG2269609
(S) 1,2-Dichloroethane-d4	103			70.0-130		04/11/2024 19:10	WG2265091
(S) 1,2-Dichloroethane-d4	93.2			70.0-130		04/18/2024 16:47	WG2269609

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	880		17.0	51.2	10	04/16/2024 03:29	WG2266809
Residual Range Organics (RRO)	U		42.6	128	10	04/16/2024 03:29	WG2266809
(S) o-Terphenyl	64.3			18.0-148		04/16/2024 03:29	WG2266809

Sample Narrative:

L1724133-01 WG2266809: Sample resembles laboratory standard for Mineral Spirits

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	66.2		1	04/11/2024 08:23	WG2264584

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Lead	8.60		0.150	3.02	5	04/18/2024 12:45	WG2264706

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	40.3		1.77	5.23	25	04/16/2024 01:18	WG2265336
(S) a,a,a-Trifluorotoluene(FID)	94.2			77.0-120		04/16/2024 01:18	WG2265336

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	2.32		0.000976	0.00209	1	04/11/2024 14:45	WG2265091
1,2-Dibromoethane	0.0106		0.00135	0.00523	1	04/11/2024 14:45	WG2265091
1,2-Dichloroethane	U		0.00136	0.00523	1	04/11/2024 14:45	WG2265091
Ethylbenzene	0.966		0.00154	0.00523	1	04/11/2024 14:45	WG2265091
Methyl tert-butyl ether	U		0.000732	0.00209	1	04/11/2024 14:45	WG2265091
Tetrachloroethene	U		0.00187	0.00523	1	04/11/2024 14:45	WG2265091
Toluene	8.80		0.0264	0.102	10	04/17/2024 23:19	WG2269128
Xylenes, Total	5.14		0.00184	0.0136	1	04/11/2024 14:45	WG2265091
(S) Toluene-d8	95.8			75.0-131		04/11/2024 14:45	WG2265091
(S) Toluene-d8	108			75.0-131		04/17/2024 23:19	WG2269128
(S) 4-Bromofluorobenzene	102			67.0-138		04/11/2024 14:45	WG2265091
(S) 4-Bromofluorobenzene	102			67.0-138		04/17/2024 23:19	WG2269128
(S) 1,2-Dichloroethane-d4	98.8			70.0-130		04/11/2024 14:45	WG2265091
(S) 1,2-Dichloroethane-d4	87.1			70.0-130		04/17/2024 23:19	WG2269128

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	U		2.01	6.04	1	04/16/2024 01:02	WG2266809
Residual Range Organics (RRO)	U		5.03	15.1	1	04/16/2024 01:02	WG2266809
(S) o-Terphenyl	63.5			18.0-148		04/16/2024 01:02	WG2266809

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	72.9		1	04/11/2024 08:23	WG2264584

1
Cp

2
Tc

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Lead	7.17		0.136	2.74	5	04/18/2024 12:48	WG2264706

3
Ss

4
Cn

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	56.0		1.53	4.51	25	04/16/2024 01:37	WG2265336
(S) a,a,a-Trifluorotoluene(FID)	101			77.0-120		04/16/2024 01:37	WG2265336

5
Sr

6
Qc

7
Gl

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.375		0.000843	0.00181	1	04/11/2024 15:04	WG2265091
1,2-Dibromoethane	U		0.00117	0.00451	1	04/11/2024 15:04	WG2265091
1,2-Dichloroethane	U		0.00117	0.00451	1	04/11/2024 15:04	WG2265091
Ethylbenzene	1.16		0.00133	0.00451	1	04/11/2024 15:04	WG2265091
Methyl tert-butyl ether	U		0.000632	0.00181	1	04/11/2024 15:04	WG2265091
Tetrachloroethene	U		0.00162	0.00451	1	04/11/2024 15:04	WG2265091
Toluene	2.08		0.00235	0.00903	1	04/11/2024 15:04	WG2265091
Xylenes, Total	7.44		0.00159	0.0117	1	04/11/2024 15:04	WG2265091
(S) Toluene-d8	99.1			75.0-131		04/11/2024 15:04	WG2265091
(S) 4-Bromofluorobenzene	103			67.0-138		04/11/2024 15:04	WG2265091
(S) 1,2-Dichloroethane-d4	99.3			70.0-130		04/11/2024 15:04	WG2265091

8
Al

9
Sc

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	U		1.82	5.48	1	04/16/2024 01:14	WG2266809
Residual Range Organics (RRO)	U		4.57	13.7	1	04/16/2024 01:14	WG2266809
(S) o-Terphenyl	51.7			18.0-148		04/16/2024 01:14	WG2266809

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	75.2		1	04/11/2024 08:23	WG2264584

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Lead	37.7		0.132	2.66	5	04/18/2024 12:51	WG2264706

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	7620		28.4	84.1	500	04/16/2024 08:42	WG2265336
(S) a,a,a-Trifluorotoluene(FID)	117			77.0-120		04/16/2024 08:42	WG2265336

Volatile Organic Compounds (GC/MS) by Method 8260D

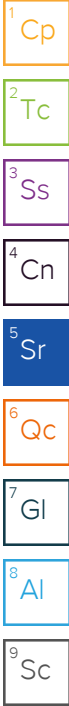
Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	6.61		0.0314	0.0673	40	04/11/2024 19:29	WG2265091
1,2-Dibromoethane	U		0.0436	0.168	40	04/11/2024 19:29	WG2265091
1,2-Dichloroethane	U		0.0437	0.168	40	04/11/2024 19:29	WG2265091
Ethylbenzene	52.8		0.0496	0.168	40	04/11/2024 19:29	WG2265091
Methyl tert-butyl ether	U		0.0235	0.0673	40	04/11/2024 19:29	WG2265091
Tetrachloroethene	U		0.0602	0.168	40	04/11/2024 19:29	WG2265091
Toluene	69.0		0.0875	0.336	40	04/11/2024 19:29	WG2265091
Xylenes, Total	331		0.0592	0.437	40	04/11/2024 19:29	WG2265091
(S) Toluene-d8	99.2			75.0-131		04/11/2024 19:29	WG2265091
(S) 4-Bromofluorobenzene	118			67.0-138		04/11/2024 19:29	WG2265091
(S) 1,2-Dichloroethane-d4	104			70.0-130		04/11/2024 19:29	WG2265091

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	703		17.7	53.2	10	04/16/2024 03:41	WG2266809
Residual Range Organics (RRO)	U		44.3	133	10	04/16/2024 03:41	WG2266809
(S) o-Terphenyl	62.8			18.0-148		04/16/2024 03:41	WG2266809

Sample Narrative:

L1724133-04 WG2266809: Sample resembles laboratory standard for Mineral Spirits



Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	71.6		1	04/11/2024 08:23	WG2264584

Metals (ICPMS) by Method 6020B

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Lead	53.4		0.138	2.79	5	04/18/2024 13:19	WG2264706

Volatile Organic Compounds (GC) by Method NWTPHGX

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	10600		63.0	186	1000	04/16/2024 09:40	WG2265336
(S) a,a,a-Trifluorotoluene(FID)	117			77.0-120		04/16/2024 09:40	WG2265336

Volatile Organic Compounds (GC/MS) by Method 8260D

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Benzene	111		0.0695	0.149	80	04/11/2024 19:48	WG2265091
1,2-Dibromoethane	6.15		0.0962	0.372	80	04/11/2024 19:48	WG2265091
1,2-Dichloroethane	U		0.0964	0.372	80	04/11/2024 19:48	WG2265091
Ethylbenzene	277		0.110	0.372	80	04/11/2024 19:48	WG2265091
Methyl tert-butyl ether	U		0.0520	0.149	80	04/11/2024 19:48	WG2265091
Tetrachloroethene	U		0.133	0.372	80	04/11/2024 19:48	WG2265091
Toluene	465		2.38	9.11	1020	04/18/2024 00:54	WG2269128
Xylenes, Total	613		1.60	11.8	1020	04/18/2024 00:54	WG2269128
(S) Toluene-d8	104			75.0-131		04/11/2024 19:48	WG2265091
(S) Toluene-d8	112			75.0-131		04/18/2024 00:54	WG2269128
(S) 4-Bromofluorobenzene	127			67.0-138		04/11/2024 19:48	WG2265091
(S) 4-Bromofluorobenzene	106			67.0-138		04/18/2024 00:54	WG2269128
(S) 1,2-Dichloroethane-d4	104			70.0-130		04/11/2024 19:48	WG2265091
(S) 1,2-Dichloroethane-d4	82.3			70.0-130		04/18/2024 00:54	WG2269128

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	450		9.29	27.9	5	04/16/2024 02:52	WG2266809
Residual Range Organics (RRO)	U		23.2	69.9	5	04/16/2024 02:52	WG2266809
(S) o-Terphenyl	66.0			18.0-148		04/16/2024 02:52	WG2266809

Sample Narrative:

L1724133-05 WG2266809: Sample resembles laboratory standard for Mineral Spirits

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	76.2		1	04/11/2024 08:23	WG2264584

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Lead	7.34		0.130	2.62	5	04/18/2024 13:22	WG2264706

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	124		1.43	4.22	25	04/16/2024 02:54	WG2265336
(S) a,a,a-Trifluorotoluene(FID)	108			77.0-120		04/16/2024 02:54	WG2265336

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	1.47		0.000789	0.00169	1	04/11/2024 15:23	WG2265091
1,2-Dibromoethane	0.0208		0.00110	0.00422	1	04/11/2024 15:23	WG2265091
1,2-Dichloroethane	U		0.00110	0.00422	1	04/11/2024 15:23	WG2265091
Ethylbenzene	1.86		0.00125	0.00422	1	04/11/2024 15:23	WG2265091
Methyl tert-butyl ether	U		0.000591	0.00169	1	04/11/2024 15:23	WG2265091
Tetrachloroethene	U		0.00151	0.00422	1	04/11/2024 15:23	WG2265091
Toluene	7.11		0.0217	0.0835	10	04/17/2024 23:38	WG2269128
Xylenes, Total	10.1		0.00149	0.0110	1	04/11/2024 15:23	WG2265091
(S) Toluene-d8	97.1			75.0-131		04/11/2024 15:23	WG2265091
(S) Toluene-d8	107			75.0-131		04/17/2024 23:38	WG2269128
(S) 4-Bromofluorobenzene	105			67.0-138		04/11/2024 15:23	WG2265091
(S) 4-Bromofluorobenzene	109			67.0-138		04/17/2024 23:38	WG2269128
(S) 1,2-Dichloroethane-d4	100			70.0-130		04/11/2024 15:23	WG2265091
(S) 1,2-Dichloroethane-d4	83.3			70.0-130		04/17/2024 23:38	WG2269128

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	4.49	<u>J</u>	1.75	5.25	1	04/16/2024 00:12	WG2266809
Residual Range Organics (RRO)	U		4.37	13.1	1	04/16/2024 00:12	WG2266809
(S) o-Terphenyl	61.9			18.0-148		04/16/2024 00:12	WG2266809

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	78.1		1	04/11/2024 08:23	WG2264584

Metals (ICPMS) by Method 6020B

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Lead	37.7		0.127	2.56	5	04/18/2024 11:39	WG2264706

Volatile Organic Compounds (GC) by Method NWTPHGX

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	13200		274	810	5000	04/17/2024 21:32	WG2269068
(S) a,a,a-Trifluorotoluene(FID)	94.0			77.0-120		04/17/2024 21:32	WG2269068

Volatile Organic Compounds (GC/MS) by Method 8260D

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Benzene	8.55		0.0303	0.0648	40	04/11/2024 20:07	WG2265091
1,2-Dibromoethane	U		0.0420	0.162	40	04/11/2024 20:07	WG2265091
1,2-Dichloroethane	U		0.0421	0.162	40	04/11/2024 20:07	WG2265091
Ethylbenzene	167		1.17	3.97	1000	04/18/2024 01:14	WG2269128
Methyl tert-butyl ether	U		0.0227	0.0648	40	04/11/2024 20:07	WG2265091
Tetrachloroethene	U		0.0580	0.162	40	04/11/2024 20:07	WG2265091
Toluene	176		2.06	7.93	1000	04/18/2024 01:14	WG2269128
Xylenes, Total	980		1.40	10.3	1000	04/18/2024 01:14	WG2269128
(S) Toluene-d8	89.4			75.0-131		04/11/2024 20:07	WG2265091
(S) Toluene-d8	110			75.0-131		04/18/2024 01:14	WG2269128
(S) 4-Bromofluorobenzene	104			67.0-138		04/11/2024 20:07	WG2265091
(S) 4-Bromofluorobenzene	101			67.0-138		04/18/2024 01:14	WG2269128
(S) 1,2-Dichloroethane-d4	103			70.0-130		04/11/2024 20:07	WG2265091
(S) 1,2-Dichloroethane-d4	79.9			70.0-130		04/18/2024 01:14	WG2269128

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	204		8.51	25.6	5	04/16/2024 02:40	WG2266809
Residual Range Organics (RRO)	U		21.3	64.0	5	04/16/2024 02:40	WG2266809
(S) o-Terphenyl	62.3			18.0-148		04/16/2024 02:40	WG2266809

Sample Narrative:

L1724133-07 WG2266809: Sample resembles laboratory standard for Mineral Spirits

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	75.1		1	04/11/2024 08:23	WG2264584

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Lead	4.46		0.132	2.66	5	04/18/2024 13:25	WG2264706

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	38.7		1.47	4.34	25	04/16/2024 03:13	WG2265336
(S) a,a,a-Trifluorotoluene(FID)	98.4			77.0-120		04/16/2024 03:13	WG2265336

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	2.98		0.000810	0.00174	1	04/11/2024 15:42	WG2265091
1,2-Dibromoethane	0.0227		0.00112	0.00434	1	04/11/2024 15:42	WG2265091
1,2-Dichloroethane	U		0.00113	0.00434	1	04/11/2024 15:42	WG2265091
Ethylbenzene	0.868		0.00128	0.00434	1	04/11/2024 15:42	WG2265091
Methyl tert-butyl ether	U		0.000607	0.00174	1	04/11/2024 15:42	WG2265091
Tetrachloroethene	U		0.00155	0.00434	1	04/11/2024 15:42	WG2265091
Toluene	5.55		0.0280	0.108	13.7	04/18/2024 17:06	WG2269609
Xylenes, Total	4.69		0.00153	0.0113	1	04/11/2024 15:42	WG2265091
(S) Toluene-d8	98.3			75.0-131		04/11/2024 15:42	WG2265091
(S) Toluene-d8	82.9			75.0-131		04/18/2024 17:06	WG2269609
(S) 4-Bromofluorobenzene	102			67.0-138		04/11/2024 15:42	WG2265091
(S) 4-Bromofluorobenzene	102			67.0-138		04/18/2024 17:06	WG2269609
(S) 1,2-Dichloroethane-d4	101			70.0-130		04/11/2024 15:42	WG2265091
(S) 1,2-Dichloroethane-d4	94.8			70.0-130		04/18/2024 17:06	WG2269609

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	U		1.77	5.33	1	04/16/2024 00:25	WG2266809
Residual Range Organics (RRO)	U		4.44	13.3	1	04/16/2024 00:25	WG2266809
(S) o-Terphenyl	50.5			18.0-148		04/16/2024 00:25	WG2266809

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	77.4		1	04/11/2024 08:23	WG2264584

Metals (ICPMS) by Method 6020B

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Lead	65.3		0.128	2.58	5	04/18/2024 13:28	WG2264706

Volatile Organic Compounds (GC) by Method NWTPHGX

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	13100		270	800	5000	04/17/2024 21:56	WG2269068
(S) a,a,a-Trifluorotoluene(FID)	93.1			77.0-120		04/17/2024 21:56	WG2269068

Volatile Organic Compounds (GC/MS) by Method 8260D

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Benzene	6.34		0.0299	0.0640	40	04/11/2024 20:26	WG2265091
1,2-Dibromoethane	U		0.0414	0.160	40	04/11/2024 20:26	WG2265091
1,2-Dichloroethane	U		0.0416	0.160	40	04/11/2024 20:26	WG2265091
Ethylbenzene	229		1.24	4.21	1080	04/18/2024 01:52	WG2269128
Methyl tert-butyl ether	U		0.0224	0.0640	40	04/11/2024 20:26	WG2265091
Tetrachloroethene	U		0.0573	0.160	40	04/11/2024 20:26	WG2265091
Toluene	275		2.18	8.43	1080	04/18/2024 01:52	WG2269128
Xylenes, Total	1400		1.48	11.0	1080	04/18/2024 01:52	WG2269128
(S) Toluene-d8	91.5			75.0-131		04/11/2024 20:26	WG2265091
(S) Toluene-d8	109			75.0-131		04/18/2024 01:52	WG2269128
(S) 4-Bromofluorobenzene	111			67.0-138		04/11/2024 20:26	WG2265091
(S) 4-Bromofluorobenzene	100			67.0-138		04/18/2024 01:52	WG2269128
(S) 1,2-Dichloroethane-d4	113			70.0-130		04/11/2024 20:26	WG2265091
(S) 1,2-Dichloroethane-d4	85.3			70.0-130		04/18/2024 01:52	WG2269128

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	434		17.2	51.7	10	04/16/2024 03:04	WG2266809
Residual Range Organics (RRO)	U		43.0	129	10	04/16/2024 03:04	WG2266809
(S) o-Terphenyl	57.9			18.0-148		04/16/2024 03:04	WG2266809

Sample Narrative:

L1724133-09 WG2266809: Sample resembles laboratory standard for Mineral Spirits

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	84.5		1	04/11/2024 08:13	WG2264586

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Lead	17.1		0.117	2.37	5	04/18/2024 13:32	WG2264706

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	768		17.2	50.7	390	04/17/2024 22:22	WG2269068
(S) a,a,a-Trifluorotoluene(FID)	89.3			77.0-120		04/17/2024 22:22	WG2269068

Volatile Organic Compounds (GC/MS) by Method 8260D

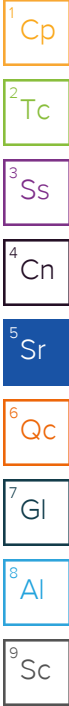
Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.258		0.000949	0.00203	1.56	04/11/2024 16:01	WG2265091
1,2-Dibromoethane	U		0.00131	0.00507	1.56	04/11/2024 16:01	WG2265091
1,2-Dichloroethane	U		0.00131	0.00507	1.56	04/11/2024 16:01	WG2265091
Ethylbenzene	2.84		0.00150	0.00507	1.56	04/11/2024 16:01	WG2265091
Methyl tert-butyl ether	U		0.000710	0.00203	1.56	04/11/2024 16:01	WG2265091
Tetrachloroethene	U		0.00182	0.00507	1.56	04/11/2024 16:01	WG2265091
Toluene	4.02		0.00264	0.0101	1.56	04/11/2024 16:01	WG2265091
Xylenes, Total	13.8		0.00178	0.0131	1.56	04/11/2024 16:01	WG2265091
(S) Toluene-d8	100			75.0-131		04/11/2024 16:01	WG2265091
(S) 4-Bromofluorobenzene	71.4			67.0-138		04/11/2024 16:01	WG2265091
(S) 1,2-Dichloroethane-d4	96.7			70.0-130		04/11/2024 16:01	WG2265091

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	98.7	J6	7.87	23.7	5	04/16/2024 01:51	WG2266809
Residual Range Organics (RRO)	U		19.6	59.2	5	04/16/2024 01:51	WG2266809
(S) o-Terphenyl	60.2			18.0-148		04/16/2024 01:51	WG2266809

Sample Narrative:

L1724133-10 WG2266809: Sample resembles laboratory standard for Mineral Spirits



Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	76.4		1	04/11/2024 08:13	WG2264586

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Lead	6.35		0.130	2.62	5	04/12/2024 18:45	WG2264697

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	14.9	B	1.43	4.22	25	04/17/2024 20:22	WG2269068
(S) a,a,a-Trifluorotoluene(FID)	88.5			77.0-120		04/17/2024 20:22	WG2269068

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.00349		0.000788	0.00169	1	04/11/2024 16:20	WG2265091
1,2-Dibromoethane	U		0.00109	0.00422	1	04/11/2024 16:20	WG2265091
1,2-Dichloroethane	U		0.00109	0.00422	1	04/11/2024 16:20	WG2265091
Ethylbenzene	0.0324		0.00124	0.00422	1	04/11/2024 16:20	WG2265091
Methyl tert-butyl ether	U		0.000590	0.00169	1	04/11/2024 16:20	WG2265091
Tetrachloroethene	U		0.00151	0.00422	1	04/11/2024 16:20	WG2265091
Toluene	0.0189		0.00219	0.00843	1	04/11/2024 16:20	WG2265091
Xylenes, Total	0.228		0.00148	0.0110	1	04/11/2024 16:20	WG2265091
(S) Toluene-d8	96.9			75.0-131		04/11/2024 16:20	WG2265091
(S) 4-Bromofluorobenzene	102			67.0-138		04/11/2024 16:20	WG2265091
(S) 1,2-Dichloroethane-d4	95.0			70.0-130		04/11/2024 16:20	WG2265091

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	U		1.74	5.24	1	04/16/2024 00:00	WG2266809
Residual Range Organics (RRO)	U		4.36	13.1	1	04/16/2024 00:00	WG2266809
(S) o-Terphenyl	70.1			18.0-148		04/16/2024 00:00	WG2266809

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	77.4		1	04/11/2024 08:13	WG2264586

Metals (ICPMS) by Method 6020B

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Lead	5.31		0.128	2.58	5	04/12/2024 18:49	WG2264697

Volatile Organic Compounds (GC) by Method NWTPHGX

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	1710		56.2	166	1000	04/17/2024 22:45	WG2269068
(S) a,a,a-Trifluorotoluene(FID)	90.1			77.0-120		04/17/2024 22:45	WG2269068

Volatile Organic Compounds (GC/MS) by Method 8260D

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.00620	0.0133	8	04/11/2024 20:45	WG2265091
1,2-Dibromoethane	U		0.00859	0.0332	8	04/11/2024 20:45	WG2265091
1,2-Dichloroethane	U		0.00861	0.0332	8	04/11/2024 20:45	WG2265091
Ethylbenzene	28.7		1.22	4.15	1000	04/18/2024 17:25	WG2269609
Methyl tert-butyl ether	U		0.00464	0.0133	8	04/11/2024 20:45	WG2265091
Tetrachloroethene	U		0.0119	0.0332	8	04/11/2024 20:45	WG2265091
Toluene	11.9		0.0172	0.0663	8	04/11/2024 20:45	WG2265091
Xylenes, Total	163		1.46	10.8	1000	04/18/2024 17:25	WG2269609
(S) Toluene-d8	87.7			75.0-131		04/11/2024 20:45	WG2265091
(S) Toluene-d8	94.6			75.0-131		04/18/2024 17:25	WG2269609
(S) 4-Bromofluorobenzene	118			67.0-138		04/11/2024 20:45	WG2265091
(S) 4-Bromofluorobenzene	100			67.0-138		04/18/2024 17:25	WG2269609
(S) 1,2-Dichloroethane-d4	104			70.0-130		04/11/2024 20:45	WG2265091
(S) 1,2-Dichloroethane-d4	95.9			70.0-130		04/18/2024 17:25	WG2269609

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	27.7		1.72	5.17	1	04/16/2024 01:26	WG2266809
Residual Range Organics (RRO)	U		4.30	12.9	1	04/16/2024 01:26	WG2266809
(S) o-Terphenyl	74.2			18.0-148		04/16/2024 01:26	WG2266809

Sample Narrative:

L1724133-12 WG2266809: Sample resembles laboratory standard for Mineral Spirits

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	76.1		1	04/11/2024 08:13	WG2264586

1
Cp

2
Tc

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Lead	5.06		0.130	2.63	5	04/12/2024 18:52	WG2264697

3
Ss

4
Cn

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	12.9	B	1.46	4.29	25	04/17/2024 20:46	WG2269068
(S) a,a,a-Trifluorotoluene(FID)	88.3			77.0-120		04/17/2024 20:46	WG2269068

5
Sr

6
Qc

7
Gl

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000802	0.00172	1	04/11/2024 16:39	WG2265091
1,2-Dibromoethane	U		0.00111	0.00429	1	04/11/2024 16:39	WG2265091
1,2-Dichloroethane	U		0.00111	0.00429	1	04/11/2024 16:39	WG2265091
Ethylbenzene	0.312		0.00126	0.00429	1	04/11/2024 16:39	WG2265091
Methyl tert-butyl ether	U		0.000601	0.00172	1	04/11/2024 16:39	WG2265091
Tetrachloroethene	U		0.00154	0.00429	1	04/11/2024 16:39	WG2265091
Toluene	0.00860		0.00223	0.00858	1	04/11/2024 16:39	WG2265091
Xylenes, Total	1.04		0.00151	0.0112	1	04/11/2024 16:39	WG2265091
(S) Toluene-d8	96.3			75.0-131		04/11/2024 16:39	WG2265091
(S) 4-Bromofluorobenzene	98.9			67.0-138		04/11/2024 16:39	WG2265091
(S) 1,2-Dichloroethane-d4	98.2			70.0-130		04/11/2024 16:39	WG2265091

8
Al

9
Sc

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	U		1.75	5.26	1	04/15/2024 23:48	WG2266809
Residual Range Organics (RRO)	U		4.38	13.1	1	04/15/2024 23:48	WG2266809
(S) o-Terphenyl	48.0			18.0-148		04/15/2024 23:48	WG2266809

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	75.2		1	04/11/2024 08:13	WG2264586

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Lead	4.94		0.132	2.66	5	04/12/2024 19:12	WG2264697

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	1.60	B J	1.49	4.39	25	04/16/2024 19:31	WG2268060
(S) a,a,a-Trifluorotoluene(FID)	94.8			77.0-120		04/16/2024 19:31	WG2268060

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.000925	J	0.000820	0.00176	1	04/11/2024 16:58	WG2265091
1,2-Dibromoethane	U		0.00114	0.00439	1	04/11/2024 16:58	WG2265091
1,2-Dichloroethane	U		0.00114	0.00439	1	04/11/2024 16:58	WG2265091
Ethylbenzene	0.00181	J	0.00129	0.00439	1	04/11/2024 16:58	WG2265091
Methyl tert-butyl ether	U		0.000615	0.00176	1	04/11/2024 16:58	WG2265091
Tetrachloroethene	U		0.00157	0.00439	1	04/11/2024 16:58	WG2265091
Toluene	U		0.00228	0.00878	1	04/11/2024 16:58	WG2265091
Xylenes, Total	0.00325	J	0.00155	0.0114	1	04/11/2024 16:58	WG2265091
(S) Toluene-d8	96.3			75.0-131		04/11/2024 16:58	WG2265091
(S) 4-Bromofluorobenzene	97.9			67.0-138		04/11/2024 16:58	WG2265091
(S) 1,2-Dichloroethane-d4	93.6			70.0-130		04/11/2024 16:58	WG2265091

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	U		1.77	5.32	1	04/16/2024 00:37	WG2266809
Residual Range Organics (RRO)	U		4.43	13.3	1	04/16/2024 00:37	WG2266809
(S) o-Terphenyl	66.3			18.0-148		04/16/2024 00:37	WG2266809

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	75.1		1	04/11/2024 08:13	WG2264586

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Lead	5.51		0.132	2.66	5	04/12/2024 19:15	WG2264697

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	1.76	B J	1.47	4.32	25	04/16/2024 19:54	WG2268060
(S) a,a,a-Trifluorotoluene(FID)	94.0			77.0-120		04/16/2024 19:54	WG2268060

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.000807	0.00173	1	04/11/2024 17:17	WG2265091
1,2-Dibromoethane	U		0.00112	0.00432	1	04/11/2024 17:17	WG2265091
1,2-Dichloroethane	U		0.00112	0.00432	1	04/11/2024 17:17	WG2265091
Ethylbenzene	U		0.00127	0.00432	1	04/11/2024 17:17	WG2265091
Methyl tert-butyl ether	U		0.000605	0.00173	1	04/11/2024 17:17	WG2265091
Tetrachloroethene	U		0.00155	0.00432	1	04/11/2024 17:17	WG2265091
Toluene	U		0.00225	0.00865	1	04/11/2024 17:17	WG2265091
Xylenes, Total	0.00230	J	0.00152	0.0112	1	04/11/2024 17:17	WG2265091
(S) Toluene-d8	98.4			75.0-131		04/11/2024 17:17	WG2265091
(S) 4-Bromofluorobenzene	100			67.0-138		04/11/2024 17:17	WG2265091
(S) 1,2-Dichloroethane-d4	95.8			70.0-130		04/11/2024 17:17	WG2265091

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	U		1.77	5.33	1	04/16/2024 00:49	WG2266809
Residual Range Organics (RRO)	U		4.43	13.3	1	04/16/2024 00:49	WG2266809
(S) o-Terphenyl	64.1			18.0-148		04/16/2024 00:49	WG2266809

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	80.7		1	04/11/2024 08:13	WG2264586

1
Cp

2
Tc

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Lead	6.71		0.123	2.48	5	04/12/2024 19:18	WG2264697

3
Ss

4
Cn

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	24.1		1.26	3.70	25	04/16/2024 05:09	WG2265336
(S) a,a,a-Trifluorotoluene(FID)	96.3			77.0-120		04/16/2024 05:09	WG2265336

5
Sr

6
Qc

7
Gl

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.00318		0.000692	0.00148	1	04/11/2024 17:36	WG2265091
1,2-Dibromoethane	U		0.000960	0.00370	1	04/11/2024 17:36	WG2265091
1,2-Dichloroethane	U		0.000961	0.00370	1	04/11/2024 17:36	WG2265091
Ethylbenzene	0.0311		0.00109	0.00370	1	04/11/2024 17:36	WG2265091
Methyl tert-butyl ether	U		0.000518	0.00148	1	04/11/2024 17:36	WG2265091
Tetrachloroethene	U		0.00133	0.00370	1	04/11/2024 17:36	WG2265091
Toluene	0.00835		0.00193	0.00741	1	04/11/2024 17:36	WG2265091
Xylenes, Total	0.176		0.00130	0.00963	1	04/11/2024 17:36	WG2265091
(S) Toluene-d8	98.3			75.0-131		04/11/2024 17:36	WG2265091
(S) 4-Bromofluorobenzene	99.2			67.0-138		04/11/2024 17:36	WG2265091
(S) 1,2-Dichloroethane-d4	96.4			70.0-130		04/11/2024 17:36	WG2265091

8
Al

9
Sc

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	3.01	<u>J</u>	1.65	4.96	1	04/16/2024 23:19	WG2267675
Residual Range Organics (RRO)	U		4.13	12.4	1	04/16/2024 23:19	WG2267675
(S) o-Terphenyl	35.0			18.0-148		04/16/2024 23:19	WG2267675

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	77.1		1	04/11/2024 08:13	WG2264586

1
Cp

2
Tc

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Lead	4.57		0.128	2.59	5	04/12/2024 19:22	WG2264697

3
Ss

4
Cn

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	183		1.41	4.16	25	04/16/2024 05:29	WG2265336
(S) a,a,a-Trifluorotoluene(FID)	110			77.0-120		04/16/2024 05:29	WG2265336

5
Sr

6
Qc

7
Gl

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.0371		0.000776	0.00166	1	04/11/2024 17:55	WG2265091
1,2-Dibromoethane	U		0.00108	0.00416	1	04/11/2024 17:55	WG2265091
1,2-Dichloroethane	U		0.00108	0.00416	1	04/11/2024 17:55	WG2265091
Ethylbenzene	1.21		0.00122	0.00416	1	04/11/2024 17:55	WG2265091
Methyl tert-butyl ether	U		0.000582	0.00166	1	04/11/2024 17:55	WG2265091
Tetrachloroethene	U		0.00149	0.00416	1	04/11/2024 17:55	WG2265091
Toluene	0.590		0.00216	0.00831	1	04/11/2024 17:55	WG2265091
Xylenes, Total	6.73		0.00146	0.0108	1	04/11/2024 17:55	WG2265091
(S) Toluene-d8	97.2			75.0-131		04/11/2024 17:55	WG2265091
(S) 4-Bromofluorobenzene	137			67.0-138		04/11/2024 17:55	WG2265091
(S) 1,2-Dichloroethane-d4	94.0			70.0-130		04/11/2024 17:55	WG2265091

8
Al

9
Sc

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	19.1		1.72	5.19	1	04/17/2024 01:29	WG2267675
Residual Range Organics (RRO)	U		4.32	13.0	1	04/17/2024 01:29	WG2267675
(S) o-Terphenyl	37.0			18.0-148		04/17/2024 01:29	WG2267675

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	77.0		1	04/11/2024 08:13	WG2264586

Metals (ICPMS) by Method 6020B

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Lead	6.63		0.129	2.60	5	04/16/2024 18:13	WG2264700

Volatile Organic Compounds (GC) by Method NWTPHGX

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	342		14.3	42.1	250	04/17/2024 23:10	WG2269068
(S) a,a,a-Trifluorotoluene(FID)	91.0			77.0-120		04/17/2024 23:10	WG2269068

Volatile Organic Compounds (GC/MS) by Method 8260D

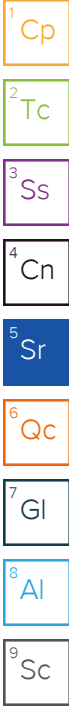
	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.0819		0.000787	0.00168	1	04/11/2024 18:14	WG2265091
1,2-Dibromoethane	U		0.00109	0.00421	1	04/11/2024 18:14	WG2265091
1,2-Dichloroethane	U		0.00109	0.00421	1	04/11/2024 18:14	WG2265091
Ethylbenzene	3.05		0.00124	0.00421	1	04/11/2024 18:14	WG2265091
Methyl tert-butyl ether	U		0.000590	0.00168	1	04/11/2024 18:14	WG2265091
Tetrachloroethene	U		0.00151	0.00421	1	04/11/2024 18:14	WG2265091
Toluene	1.44		0.00219	0.00842	1	04/11/2024 18:14	WG2265091
Xylenes, Total	21.7		0.0148	0.110	10	04/17/2024 23:57	WG2269128
(S) Toluene-d8	96.5			75.0-131		04/11/2024 18:14	WG2265091
(S) Toluene-d8	107			75.0-131		04/17/2024 23:57	WG2269128
(S) 4-Bromofluorobenzene	135			67.0-138		04/11/2024 18:14	WG2265091
(S) 4-Bromofluorobenzene	116			67.0-138		04/17/2024 23:57	WG2269128
(S) 1,2-Dichloroethane-d4	102			70.0-130		04/11/2024 18:14	WG2265091
(S) 1,2-Dichloroethane-d4	85.3			70.0-130		04/17/2024 23:57	WG2269128

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	9.88		1.73	5.19	1	04/16/2024 23:58	WG2267675
Residual Range Organics (RRO)	U		4.32	13.0	1	04/16/2024 23:58	WG2267675
(S) o-Terphenyl	38.8			18.0-148		04/16/2024 23:58	WG2267675

Sample Narrative:

L1724133-18 WG2267675: Sample resembles laboratory standard for Mineral Spirits



Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch
Analyte	%			date / time	
Total Solids	81.1		1	04/11/2024 08:13	WG2264586

Metals (ICPMS) by Method 6020B

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Lead	6.40		0.122	2.46	5	04/16/2024 18:16	WG2264700

Volatile Organic Compounds (GC) by Method NWTPHGX

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	258		1.29	3.82	25	04/16/2024 07:25	WG2265336
(S) a,a,a-Trifluorotoluene(FID)	117			77.0-120		04/16/2024 07:25	WG2265336

Volatile Organic Compounds (GC/MS) by Method 8260D

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.0615		0.000713	0.00153	1	04/11/2024 18:33	WG2265091
1,2-Dibromoethane	U		0.000989	0.00382	1	04/11/2024 18:33	WG2265091
1,2-Dichloroethane	U		0.000990	0.00382	1	04/11/2024 18:33	WG2265091
Ethylbenzene	2.11		0.00112	0.00382	1	04/11/2024 18:33	WG2265091
Methyl tert-butyl ether	U		0.000534	0.00153	1	04/11/2024 18:33	WG2265091
Tetrachloroethene	U		0.00137	0.00382	1	04/11/2024 18:33	WG2265091
Toluene	1.00		0.00198	0.00763	1	04/11/2024 18:33	WG2265091
Xylenes, Total	15.7		0.0134	0.0992	10	04/18/2024 00:16	WG2269128
(S) Toluene-d8	96.5			75.0-131		04/11/2024 18:33	WG2265091
(S) Toluene-d8	108			75.0-131		04/18/2024 00:16	WG2269128
(S) 4-Bromofluorobenzene	124			67.0-138		04/11/2024 18:33	WG2265091
(S) 4-Bromofluorobenzene	116			67.0-138		04/18/2024 00:16	WG2269128
(S) 1,2-Dichloroethane-d4	98.5			70.0-130		04/11/2024 18:33	WG2265091
(S) 1,2-Dichloroethane-d4	82.4			70.0-130		04/18/2024 00:16	WG2269128

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
Analyte	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	27.5		1.64	4.93	1	04/17/2024 01:03	WG2267675
Residual Range Organics (RRO)	U		4.10	12.3	1	04/17/2024 01:03	WG2267675
(S) o-Terphenyl	37.0			18.0-148		04/17/2024 01:03	WG2267675

Sample Narrative:

L1724133-19 WG2267675: Sample resembles laboratory standard for Mineral Spirits

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	75.1		1	04/11/2024 08:03	WG2264588

Metals (ICPMS) by Method 6020B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Lead	6.47		0.132	2.66	5	04/16/2024 18:20	WG2264700

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Gasoline Range Organics-NWTPH	7.42		1.48	4.35	25	04/16/2024 07:44	WG2265336
(S) a,a,a-Trifluorotoluene(FID)	97.2			77.0-120		04/16/2024 07:44	WG2265336

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.00148	J	0.000813	0.00174	1	04/11/2024 18:51	WG2265091
1,2-Dibromoethane	U		0.00113	0.00435	1	04/11/2024 18:51	WG2265091
1,2-Dichloroethane	U		0.00113	0.00435	1	04/11/2024 18:51	WG2265091
Ethylbenzene	0.0458		0.00128	0.00435	1	04/11/2024 18:51	WG2265091
Methyl tert-butyl ether	U		0.000609	0.00174	1	04/11/2024 18:51	WG2265091
Tetrachloroethene	U		0.00156	0.00435	1	04/11/2024 18:51	WG2265091
Toluene	0.0181		0.00226	0.00870	1	04/11/2024 18:51	WG2265091
Xylenes, Total	0.198		0.00153	0.0113	1	04/17/2024 23:00	WG2269128
(S) Toluene-d8	98.8			75.0-131		04/11/2024 18:51	WG2265091
(S) Toluene-d8	106			75.0-131		04/17/2024 23:00	WG2269128
(S) 4-Bromofluorobenzene	103			67.0-138		04/11/2024 18:51	WG2265091
(S) 4-Bromofluorobenzene	104			67.0-138		04/17/2024 23:00	WG2269128
(S) 1,2-Dichloroethane-d4	97.3			70.0-130		04/11/2024 18:51	WG2265091
(S) 1,2-Dichloroethane-d4	86.8			70.0-130		04/17/2024 23:00	WG2269128

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Diesel Range Organics (DRO)	U		1.77	5.33	1	04/16/2024 23:45	WG2267675
Residual Range Organics (RRO)	U		4.44	13.3	1	04/16/2024 23:45	WG2267675
(S) o-Terphenyl	37.1			18.0-148		04/16/2024 23:45	WG2267675

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	U		31.6	100	1	04/15/2024 02:12	WG2267048
(S) a,a,a-Trifluorotoluene(FID)	102			78.0-120		04/15/2024 02:12	WG2267048

1
Cp

2
Tc

3
Ss

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0941	1.00	1	04/11/2024 23:11	WG2265301
1,2-Dibromoethane	U		0.126	1.00	1	04/11/2024 23:11	WG2265301
1,2-Dichloroethane	U		0.0819	1.00	1	04/11/2024 23:11	WG2265301
Ethylbenzene	U		0.137	1.00	1	04/11/2024 23:11	WG2265301
Methyl tert-butyl ether	U		0.101	1.00	1	04/11/2024 23:11	WG2265301
Tetrachloroethene	U		0.300	1.00	1	04/11/2024 23:11	WG2265301
Toluene	U		0.278	1.00	1	04/11/2024 23:11	WG2265301
Xylenes, Total	U		0.174	3.00	1	04/11/2024 23:11	WG2265301
(S) Toluene-d8	94.8			80.0-120		04/11/2024 23:11	WG2265301
(S) 4-Bromofluorobenzene	98.1			77.0-126		04/11/2024 23:11	WG2265301
(S) 1,2-Dichloroethane-d4	96.8			70.0-130		04/11/2024 23:11	WG2265301

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	U		31.6	100	1	04/15/2024 02:34	WG2267048
(S) a,a,a-Trifluorotoluene(FID)	102			78.0-120		04/15/2024 02:34	WG2267048

1
Cp

2
Tc

3
Ss

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0941	1.00	1	04/11/2024 23:30	WG2265301
1,2-Dibromoethane	U		0.126	1.00	1	04/11/2024 23:30	WG2265301
1,2-Dichloroethane	U		0.0819	1.00	1	04/11/2024 23:30	WG2265301
Ethylbenzene	U		0.137	1.00	1	04/11/2024 23:30	WG2265301
Methyl tert-butyl ether	U		0.101	1.00	1	04/11/2024 23:30	WG2265301
Tetrachloroethene	U		0.300	1.00	1	04/11/2024 23:30	WG2265301
Toluene	U		0.278	1.00	1	04/11/2024 23:30	WG2265301
Xylenes, Total	U		0.174	3.00	1	04/11/2024 23:30	WG2265301
(S) Toluene-d8	95.3			80.0-120		04/11/2024 23:30	WG2265301
(S) 4-Bromofluorobenzene	101			77.0-126		04/11/2024 23:30	WG2265301
(S) 1,2-Dichloroethane-d4	97.5			70.0-130		04/11/2024 23:30	WG2265301

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

Method Blank (MB)

(MB) R4056819-1 04/11/24 08:23

	MB Result	<u>MB Qualifier</u>	MB MDL	MB RDL
Analyte	%		%	%
Total Solids	0.00100			

L1724117-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1724117-01 04/11/24 08:23 • (DUP) R4056819-3 04/11/24 08:23

	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
Analyte	%	%		%		%
Total Solids	98.7	98.9	1	0.229		10

Laboratory Control Sample (LCS)

(LCS) R4056819-2 04/11/24 08:23

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	<u>LCS Qualifier</u>
Analyte	%	%	%	%	
Total Solids	50.0	50.0	100	90.0-110	

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4056818-1 04/11/24 08:13

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	%		%	%
Total Solids	0.000			

L1724133-19 Original Sample (OS) • Duplicate (DUP)

(OS) L1724133-19 04/11/24 08:13 • (DUP) R4056818-3 04/11/24 08:13

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	%	%		%		%
Total Solids	81.1	80.3	1	1.10		10

Laboratory Control Sample (LCS)

(LCS) R4056818-2 04/11/24 08:13

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	%	%	%	%	
Total Solids	50.0	50.0	99.9	90.0-110	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4056817-1 04/11/24 08:03

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	%		%	%
Total Solids	0.00100			

L1724153-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1724153-02 04/11/24 08:03 • (DUP) R4056817-3 04/11/24 08:03

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	%	%		%		%
Total Solids	89.9	90.0	1	0.0626		10

Laboratory Control Sample (LCS)

(LCS) R4056817-2 04/11/24 08:03

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
Analyte	%	%	%	%	
Total Solids	50.0	50.0	100	90.0-110	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4057194-1 04/12/24 18:22

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Lead	U		0.0990	2.00

Laboratory Control Sample (LCS)

(LCS) R4057194-2 04/12/24 18:25

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Lead	100	108	108	80.0-120	

L1724173-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1724173-01 04/12/24 18:29 • (MS) R4057194-5 04/12/24 18:39 • (MSD) R4057194-6 04/12/24 18:42

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Lead	121	8.87	127	154	97.6	120	5	75.0-125			19.3	20

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4058427-1 04/16/24 16:36

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Lead	U		0.0990	2.00

Laboratory Control Sample (LCS)

(LCS) R4058427-2 04/16/24 16:40

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Lead	100	92.2	92.2	80.0-120	

L1724224-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1724224-02 04/16/24 16:43 • (MS) R4058427-5 04/16/24 16:53 • (MSD) R4058427-6 04/16/24 16:57

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Lead	100	47.7	118	134	69.8	86.3	5	75.0-125	J6		13.1	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4059190-1 04/18/24 11:33

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Lead	U		0.0990	2.00

Laboratory Control Sample (LCS)

(LCS) R4059190-2 04/18/24 11:36

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Lead	100	106	106	80.0-120	

L1724133-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1724133-07 04/18/24 11:39 • (MS) R4059190-5 04/18/24 11:49 • (MSD) R4059190-6 04/18/24 11:52

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Lead	128	37.7	170	214	104	138	5	75.0-125		J3 J5	22.8	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4058218-3 04/15/24 22:13

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Gasoline Range Organics-NWTPH	U		0.848	2.50
(S) a,a,a-Trifluorotoluene(FID)	99.7			77.0-120

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4058218-1 04/15/24 20:56 • (LCSD) R4058218-2 04/15/24 21:15

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Gasoline Range Organics-NWTPH	5.00	4.69	4.27	93.8	85.4	71.0-124			9.38	20
(S) a,a,a-Trifluorotoluene(FID)				101	100	77.0-120				

L1724133-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1724133-02 04/16/24 01:18 • (MS) R4058218-4 04/16/24 10:00 • (MSD) R4058218-5 04/16/24 10:19

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Gasoline Range Organics-NWTPH	230	40.3	282	265	105	97.9	25	50.0-150			6.11	27
(S) a,a,a-Trifluorotoluene(FID)					105	104		77.0-120				

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

Method Blank (MB)

(MB) R4058755-3 04/16/24 17:21

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Gasoline Range Organics-NWTPH	1.17	J	0.848	2.50
(S) a,a,a-Trifluorotoluene(FID)	94.7			77.0-120

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4058755-1 04/16/24 14:48 • (LCSD) R4058755-2 04/16/24 16:13

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Gasoline Range Organics-NWTPH	5.00	4.37	4.80	87.4	96.0	71.0-124			9.38	20
(S) a,a,a-Trifluorotoluene(FID)				117	121	77.0-120		J1		

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4059282-2 04/17/24 19:49

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Gasoline Range Organics-NWTPH	1.68	J	0.848	2.50
(S) a,a,a-Trifluorotoluene(FID)	87.8			77.0-120

Laboratory Control Sample (LCS)

(LCS) R4059282-1 04/17/24 17:35

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Gasoline Range Organics-NWTPH	5.00	4.88	97.6	71.0-124	
(S) a,a,a-Trifluorotoluene(FID)			99.2	77.0-120	

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

Method Blank (MB)

(MB) R4058233-2 04/15/24 00:31

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Gasoline Range Organics-NWTPH	36.7	J	31.6	100
(S) a,a,a-Trifluorotoluene(FID)	101			78.0-120

Laboratory Control Sample (LCS)

(LCS) R4058233-1 04/14/24 23:48

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Gasoline Range Organics-NWTPH	5000	5060	101	70.0-124	
(S) a,a,a-Trifluorotoluene(FID)			100	78.0-120	

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

Method Blank (MB)

(MB) R4058780-3 04/11/24 11:17

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.000467	0.00100
1,2-Dibromoethane	U		0.000648	0.00250
1,2-Dichloroethane	U		0.000649	0.00250
Ethylbenzene	U		0.000737	0.00250
Methyl tert-butyl ether	U		0.000350	0.00100
Tetrachloroethene	U		0.000896	0.00250
Toluene	U		0.00130	0.00500
Xylenes, Total	U		0.000880	0.00650
(S) Toluene-d8	98.2			75.0-131
(S) 4-Bromofluorobenzene	98.1			67.0-138
(S) 1,2-Dichloroethane-d4	102			70.0-130

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4058780-1 04/11/24 09:41 • (LCSD) R4058780-2 04/11/24 10:01

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.125	0.123	0.128	98.4	102	70.0-123			3.98	20
1,2-Dibromoethane	0.125	0.110	0.119	88.0	95.2	74.0-128			7.86	20
1,2-Dichloroethane	0.125	0.123	0.133	98.4	106	65.0-131			7.81	20
Ethylbenzene	0.125	0.112	0.114	89.6	91.2	74.0-126			1.77	20
Methyl tert-butyl ether	0.125	0.132	0.140	106	112	66.0-132			5.88	20
Tetrachloroethene	0.125	0.109	0.117	87.2	93.6	70.0-136			7.08	20
Toluene	0.125	0.108	0.116	86.4	92.8	75.0-121			7.14	20
Xylenes, Total	0.375	0.336	0.351	89.6	93.6	72.0-127			4.37	20
(S) Toluene-d8				92.4	94.3	75.0-131				
(S) 4-Bromofluorobenzene				98.9	101	67.0-138				
(S) 1,2-Dichloroethane-d4				103	101	70.0-130				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4059066-3 04/17/24 21:49

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Ethylbenzene	U		0.000737	0.00250
Toluene	U		0.00130	0.00500
Xylenes, Total	U		0.000880	0.00650
(S) Toluene-d8	110			75.0-131
(S) 4-Bromofluorobenzene	102			67.0-138
(S) 1,2-Dichloroethane-d4	94.2			70.0-130

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4059066-1 04/17/24 20:14 • (LCSD) R4059066-2 04/17/24 21:11

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Ethylbenzene	0.125	0.125	0.137	100	110	74.0-126			9.16	20
Toluene	0.125	0.120	0.126	96.0	101	75.0-121			4.88	20
Xylenes, Total	0.375	0.356	0.382	94.9	102	72.0-127			7.05	20
(S) Toluene-d8				111	108	75.0-131				
(S) 4-Bromofluorobenzene				101	102	67.0-138				
(S) 1,2-Dichloroethane-d4				85.1	89.1	70.0-130				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4059220-3 04/18/24 10:24

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Ethylbenzene	U		0.000737	0.00250
Toluene	U		0.00130	0.00500
Xylenes, Total	U		0.000880	0.00650
(S) Toluene-d8	95.8			75.0-131
(S) 4-Bromofluorobenzene	102			67.0-138
(S) 1,2-Dichloroethane-d4	92.6			70.0-130

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4059220-1 04/18/24 08:49 • (LCSD) R4059220-2 04/18/24 09:08

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Ethylbenzene	0.125	0.118	0.125	94.4	100	74.0-126			5.76	20
Toluene	0.125	0.112	0.123	89.6	98.4	75.0-121			9.36	20
Xylenes, Total	0.375	0.352	0.379	93.9	101	72.0-127			7.39	20
(S) Toluene-d8				93.0	92.1	75.0-131				
(S) 4-Bromofluorobenzene				104	99.2	67.0-138				
(S) 1,2-Dichloroethane-d4				95.7	97.0	70.0-130				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4058129-3 04/11/24 22:20

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.0941	1.00
1,2-Dibromoethane	U		0.126	1.00
1,2-Dichloroethane	U		0.0819	1.00
Ethylbenzene	U		0.137	1.00
Methyl tert-butyl ether	U		0.101	1.00
Tetrachloroethene	U		0.300	1.00
Toluene	U		0.278	1.00
Xylenes, Total	U		0.174	3.00
(S) Toluene-d8	94.3			80.0-120
(S) 4-Bromofluorobenzene	99.0			77.0-126
(S) 1,2-Dichloroethane-d4	98.4			70.0-130

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4058129-1 04/11/24 21:23 • (LCSD) R4058129-2 04/11/24 21:42

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	5.00	5.52	5.52	110	110	70.0-123			0.000	20
1,2-Dibromoethane	5.00	5.04	5.10	101	102	80.0-122			1.18	20
1,2-Dichloroethane	5.00	5.16	5.31	103	106	70.0-128			2.87	20
Ethylbenzene	5.00	5.05	4.84	101	96.8	79.0-123			4.25	20
Methyl tert-butyl ether	5.00	5.93	5.72	119	114	68.0-125			3.61	20
Tetrachloroethene	5.00	4.99	4.90	99.8	98.0	72.0-132			1.82	20
Toluene	5.00	5.01	4.92	100	98.4	79.0-120			1.81	20
Xylenes, Total	15.0	15.5	15.1	103	101	79.0-123			2.61	20
(S) Toluene-d8				94.3	96.4	80.0-120				
(S) 4-Bromofluorobenzene				101	99.7	77.0-126				
(S) 1,2-Dichloroethane-d4				99.8	99.9	70.0-130				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4058154-1 04/15/24 23:23

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Diesel Range Organics (DRO)	U		1.33	4.00
Residual Range Organics (RRO)	U		3.33	10.0
(S) o-Terphenyl	58.3			18.0-148

Laboratory Control Sample (LCS)

(LCS) R4058154-2 04/15/24 23:35

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Diesel Range Organics (DRO)	50.0	33.0	66.0	50.0-150	
(S) o-Terphenyl			79.1	18.0-148	

L1724133-10 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1724133-10 04/16/24 01:51 • (MS) R4058154-3 04/16/24 02:03 • (MSD) R4058154-4 04/16/24 02:15

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Diesel Range Organics (DRO)	57.7	98.7	123	118	42.2	33.9	5	50.0-150	J6	J6	3.92	20
(S) o-Terphenyl					68.0	60.1		18.0-148				

Sample Narrative:

OS: Sample resembles laboratory standard for Mineral Spirits

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

Method Blank (MB)

(MB) R4058640-1 04/16/24 22:40

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Diesel Range Organics (DRO)	U		1.33	4.00
Residual Range Organics (RRO)	U		3.33	10.0
(S) o-Terphenyl	38.0			18.0-148

Laboratory Control Sample (LCS)

(LCS) R4058640-2 04/16/24 22:53

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Diesel Range Organics (DRO)	50.0	27.5	55.0	50.0-150	
(S) o-Terphenyl			47.6	18.0-148	

L1724160-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1724160-01 04/17/24 11:19 • (MS) R4058704-1 04/17/24 11:33 • (MSD) R4058704-2 04/17/24 11:47

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Diesel Range Organics (DRO)	62.7	2.96	41.3	38.9	61.1	57.3	1	50.0-150			5.95	20
(S) o-Terphenyl					47.3	58.3		18.0-148				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

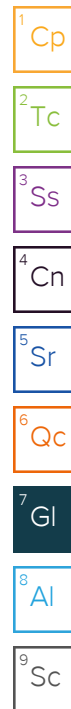
Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
MDL (dry)	Method Detection Limit.
RDL	Reported Detection Limit.
RDL (dry)	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier Description

B	The same analyte is found in the associated blank.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits.
J3	The associated batch QC was outside the established quality control range for precision.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.



ACCREDITATIONS & LOCATIONS

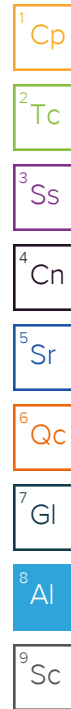
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey--NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio--VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1 6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1 4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA -- ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA -- ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA--Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.



Leidos Inc.- Bothell, WA

11824 North Creek Parkway N
Suite 101
Bothell, WA 98011Report to:
Russ ShropshireProject Description:
Chevron #9-6590

Phone: 425-482-3323

Client Project #

348752

Lab Project #

LEIDOSBWA-CHELAN

Collected by (print):

Chris Willett, Tom Duke

Collected by (signature):

Thomas Duke

Immediately

Packed on Ice N ☒ Y ☒City/State
Collected:

Chelan, WA

Please Circle:
PT MT CT ET

PT

MT

CT

ET

Email To: russell.s.shropshire@leidos.com

Accounts Payable

11824 North Creek Parkway N

Suite 101

Bothell, WA 98011

Pres
Chk

Analysis / Container / Preservative

Chain of Custody Page 1 of 3


PEOPLE ADVANCING SCIENCE

MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody
constitutes acknowledgment and acceptance of the
Pace Terms and Conditions found at:
<https://info.pacelabs.com/hubs/pas-standard-terms.pdf>

SDG # L1724133

Table # H106

Acctnum: LEIDOSBWA

Template: T250089

Preligin: P1066433

PM: 110 - Brian Ford

PB: LM 3/30/24

Shipped Via: FedEx Saver

Remarks Sample # (lab only)

two	-01
pails	-02
of	-03
containers	-04
per	-05
sample	-06
	-07
	-08
	-09
	-10

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs
OE-1-S-15-240405	G	SS	15	4.5.24	0900	4
OE-1-S-30-240405	G	SS	30	4.5.24	1000	4
OE-1-S-40-240405	G	SS	40	4.5.24	1020	4
OE-2-S-16-240405	G	SS	16	4.5.24	1300	4
OE-4-S-18-240406	G	SS	18	4.6.24	0845	4
OE-4-S-40-240406	G	SS	40	4.6.24	0920	4
OE-5-S-16-240406	G	SS	16	4.6.24	1045	4
OE-5-S-30-240406	G	SS	30	4.6.24	1100	4
OE-6-S-17-240406	G	SS	17	4.6.24	1320	4
OE-6-S-20-240406	G	SS	20	4.6.24	1340	4

* Matrix:

SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks: *VOCs 8260=BTEX/MTBE/EDB/EDC/PCE.

Samples returned via:

UPS FedEx Courier

Tracking # 7359 4593 0479

pH Temp

Flow Other

Sample Receipt Checklist

COC Seal Present/Intact:	Y	N
COC Signed/Accurate:	Y	N
Bottles arrive intact:	Y	N
Correct bottles used:	Y	N
Sufficient volume sent:	Y	N
If Applicable		
VOA Zero Headspace:	Y	N
Preservation Correct/Checked:	Y	N
RAD Screen <0.5 mR/hr:	Y	N

Relinquished by: (Signature)

Thomas Duke

Date:

4-9-24

Time:

1400

Received by: (Signature)

Trip Blank Received: Yes/No

HCL/MeOH
TBR 4

Temp: 19.7 °C Bottles Received:

5.0+0.1=5.1 62

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Sutton Organs

Date:

4/10/24

Time:

0900

Hold:

Condition:

NCF / CR

Leidos Inc.- Bothell, WA

11824 North Creek Parkway N
Suite 101
Bothell, WA 98011Report to:
Russ ShropshireProject Description:
Chevron #9-6590City/State
Collected: Chelan, WAPlease Circle:
PT MT CT ET

Phone: 425-482-3323

Client Project #

348752

Lab Project #

LEIDOSBWA-CHELAN

Collected by (print):

Chris W. Dule, Tom Dule

Site/Facility ID #

232 EAST WOODIN AVE

P.O. #

P010308312
P010240476

Collected by (signature):

Thomas Dule

Rush? (Lab MUST Be Notified)

☐ Same Day ☐ Five Day
☐ Next Day ☐ 5 Day (Rad Only)
☐ Two Day ☐ 10 Day (Rad Only)
☐ Three Day

Quote #

Date Results Needed

Immediately

Packed on Ice N ☐ Y ☒

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	NWTPHDX no SGT 8ozClr-NoPres	NWTPHGX 40mlAmb/MeOH10ml/Syr	Total Lead 6020 8ozClr-NoPres	VOCs 8260* 40mlAmb/MeOH10ml/Syr								
OE-8-S-30-240408	G	SS	30	4-8-24	1350	2	X	X	X	X								
OE-12-S-17-240408	G	SS	17	4-7-24	0830	2	X	X	X	X								
OE-10-S-16-240408	G	SS	16	4-8-24	0800	2	X	X	X	X								
OE-9-S-17-240408	G	SS	17	4-8-24	0940	2	X	X	X	X								
OE-8-S-18-240408	G	SS	18	4-8-24	1100	2	X	X	X	X								
OE-8-S-13-240408	G	SS	13	4-8-24	1115	2	X	X	X	X								
OE-7-S-15-240408	G	SS	15	4-8-24	1440	2	X	X	X	X								
DUP-1-S-240408	G	SS	-	4-8-24	1445	2	X	X	X	X								
OE-7-S-14-240408	G	SS	14	4-8-24	1450	2	X	X	X	X								
OE-7-S-17-240408	G	SS	17	4-8-24	1500	2	X	X	X	X								

* Matrix:

SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other

Remarks: *VOCs 8260=BTEX/MTBE/EDB/EDC/PCE.

Samples returned via:

☐ UPS ☐ FedEx ☐ Courier

Tracking #

73594593 0479

Relinquished by: (Signature)

Thomas Dule

Date:

4-9-24

Time:

1400

Received by: (Signature)

Trip Blank Received: Yes / No

NCL / MeOH
 TBR 4

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Temp: 17.7 °C

5.0 ± 0.1 = 5.1 62

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Easton Orym

Date:

4/10/24

Time:

0900

Hold:

Condition:

NCF / OK

pH _____ Temp _____

Flow _____ Other _____

Sample Receipt Checklist

COC Seal Present/Intact: ☒ Y ☐ N
 COC Signed/Accurate: ☒ Y ☐ N
 Bottles arrive intact: ☒ Y ☐ N
 Correct bottles used: ☒ Y ☐ N
 Sufficient volume sent: ☒ Y ☐ N
 If Applicable
 VOA Zero Headspace: ☒ Y ☐ N
 Preservation Correct/Checked: ☒ Y ☐ N
 RAD Screen <0.5 mR/hr: ☒ Y ☐ N

If preservation required by Login: Date/Time



MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
 Submitting a sample via this chain of custody
 constitutes acknowledgment and acceptance of the
 Pace Terms and Conditions found at:
<https://info.pacelabs.com/hubs/pas-standard-terms.pdf>

SDG #

L1724133

Table #

Acctnum: LEIDOSBWA

Template: T250089

Prelogin: P1066433

PM: 110 - Brian Ford

PB: LM 3/30/24

Shipped Via: FedEx Saver

Remarks

Sample # (lab only)

one -11
 pair of -12
 containers -13
 per -14
 sample -15
 -16
 -17
 -18
 -19
 -20

Leidos Inc.- Bothell, WA

11824 North Creek Parkway N
Suite 101
Bothell, WA 98011

Report to:

Russ Shropshire

Project Description:

Chevron #9-6590

Phone: 425-482-3323

Client Project #

348752

Lab Project #

LEIDOSBWA-CHELAN

Collected by (print):

Chris Willet, Tom Dube

Collected by (signature):

Thomas Dube

Immediately

Packed on Ice N Y

City/State

Collected: Chelan, WA

Please Circle:

PT MT CT ET

Quote #

Date Results Needed

Pres
Chk

Analysis / Container / Preservative

Chain of Custody Page 5 of 3



MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody
constitutes acknowledgment and acceptance of the
Pace Terms and Conditions found at:
<https://info.pacelabs.com/hubfs/pas-standard-terms.pdf>

SDG # C1724133

Table #

Acctnum: LEIDOSBWA

Template: T250089

Prelogin: P1066433

PM: 110 - Brian Ford

PB: LU 3/30/24

Shipped Via: FedEx Saver

Remarks

Sample # (lab only)

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs
TB-1-240405	Trip	OTSS	-	4-5-24	0800	2
TB-2-240405	Trip	OTSS	-	4-5-24	0815	2
~~TB-3-240405~~	~~Trip~~	~~OTSS~~	~~-~~	~~4-5-24~~	~~0830~~	~~2~~
		SS				
		SS				
		SS				
		SS				
		SS				
		SS				
		SS				

NWTPhDX no SGT 8ozClr-NoPres

NWTPhGX 40mlAmb/MeOH10ml/Syr WATER

Total Lead 6020 8ozClr-NoPres

VOCs 8260* 40mlAmb/MeOH10ml/Syr WATER

* Matrix:

SS - Soil AIR - Air F - Filter

GW - Groundwater B - Bioassay

WW - WasteWater

DW - Drinking Water

OT - Other Trip Blank Water

Remarks: *VOCs 8260=BTEX/MTBE/EDB/EDC/PCE.

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:

UPS FedEx Courier

Tracking #

7359 4593 0479

Relinquished by: (Signature)

Thomas Dube

Date:

4-9-24

Time:

1400

Received by: (Signature)

Trip Blank Received: Yes / No

HCL / MeOH
TBR

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Temp: DEN °C

Bottles Received:

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date:

Time:

Hold:

Condition:

NCF / OK

Sample Receipt Checklist

COC Seal Present/Intact: NP Y NCOC Signed/Accurate: Y NBottles arrive intact: Y NCorrect bottles used: Y NSufficient volume sent: Y N

If Applicable

VOA Zero Headspace: Y NPreservation Correct/Checked: Y NRAD Screen <0.5 mR/hr: Y N

1172d133

[illegible]

~~✓~~

Name

62101/h

Date

June 03, 2024

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

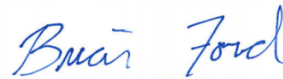
⁸ Al

⁹ Sc

Leidos Inc.- Bothell, WA

Sample Delivery Group: L1736695
Samples Received: 05/15/2024
Project Number: WA-02
Description: Chevron #9-6590
Site: 232 EAST WOODIN AVE CHELAN WA
Report To: Russ Shropshire
11824 North Creek Parkway N
Suite 101
Bothell, WA 98011

Entire Report Reviewed By:



Brian Ford
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

TABLE OF CONTENTS

Cp: Cover Page	1
Tc: Table of Contents	2
Ss: Sample Summary	3
Cn: Case Narrative	5
Sr: Sample Results	6
OE-1-W-240511 L1736695-01	6
OE-5-W-240511 L1736695-02	7
OE-6-W-240511 L1736695-03	8
OE-7-W-240510 L1736695-04	9
OE-8-W-240510 L1736695-05	10
OE-9-W-240510 L1736695-06	11
OE-10-W-240510 L1736695-07	12
OE-11-W-240510 L1736695-08	13
OE-12-W-240510 L1736695-09	14
TB-03-W-240510 L1736695-10	15
Qc: Quality Control Summary	16
Metals (ICP) by Method 6010D	16
Volatile Organic Compounds (GC) by Method NWTPHGX	17
Volatile Organic Compounds (GC/MS) by Method 8260D	18
EDB / DBCP by Method 8011	20
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	22
Gl: Glossary of Terms	24
Al: Accreditations & Locations	25
Sc: Sample Chain of Custody	26

¹ Cp
² Tc
³ Ss
⁴ Cn
⁵ Sr
⁶ Qc
⁷ Gl
⁸ Al
⁹ Sc

SAMPLE SUMMARY

OE-1-W-240511 L1736695-01 GW

				Collected by R. Shropshire	Collected date/time 05/11/24 05:30	Received date/time 05/15/24 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2289914	1	05/22/24 12:53	05/22/24 17:56	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2289145	10	05/19/24 18:36	05/19/24 18:36	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2288387	10	05/17/24 16:25	05/17/24 16:25	TJJ	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2289130	100	05/18/24 21:51	05/18/24 21:51	DYW	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG2288184	21.4	05/17/24 11:33	05/22/24 19:50	LJD	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2290492	1	05/22/24 09:25	05/22/24 21:35	DMG	Mt. Juliet, TN

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

OE-5-W-240511 L1736695-02 GW

				Collected by R. Shropshire	Collected date/time 05/11/24 05:00	Received date/time 05/15/24 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2289914	1	05/22/24 12:53	05/22/24 17:58	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2289145	10	05/19/24 18:58	05/19/24 18:58	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2288387	10	05/17/24 16:47	05/17/24 16:47	TJJ	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2289130	100	05/18/24 22:11	05/18/24 22:11	DYW	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG2288184	52	05/17/24 11:33	05/22/24 20:09	LJD	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2290492	1	05/22/24 09:25	05/22/24 21:56	DMG	Mt. Juliet, TN

OE-6-W-240511 L1736695-03 GW

				Collected by R. Shropshire	Collected date/time 05/11/24 04:30	Received date/time 05/15/24 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2289914	1	05/22/24 12:53	05/22/24 18:00	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2289145	1	05/19/24 15:10	05/19/24 15:10	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2288387	1	05/17/24 13:52	05/17/24 13:52	TJJ	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG2288184	1.06	05/17/24 11:33	05/21/24 23:40	RDH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2290492	1	05/22/24 09:25	05/23/24 06:41	DMG	Mt. Juliet, TN

OE-7-W-240510 L1736695-04 GW

				Collected by R. Shropshire	Collected date/time 05/10/24 07:30	Received date/time 05/15/24 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2289914	1	05/22/24 12:53	05/22/24 18:05	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2289145	1	05/19/24 15:33	05/19/24 15:33	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2288387	1	05/17/24 14:14	05/17/24 14:14	TJJ	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG2288184	1.02	05/17/24 11:33	05/19/24 02:25	LTB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2290492	1	05/22/24 09:25	05/23/24 07:02	DMG	Mt. Juliet, TN

OE-8-W-240510 L1736695-05 GW

				Collected by R. Shropshire	Collected date/time 05/10/24 06:45	Received date/time 05/15/24 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2289914	1	05/22/24 12:53	05/22/24 17:27	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2289145	1	05/19/24 15:56	05/19/24 15:56	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2288387	1	05/17/24 14:35	05/17/24 14:35	TJJ	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG2288184	1	05/17/24 11:33	05/19/24 02:43	LTB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2290492	1	05/22/24 09:25	05/24/24 18:56	KAP	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2293173	1	05/25/24 10:35	05/25/24 20:28	KAP	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2293173	1	05/25/24 10:35	05/26/24 11:53	KAP	Mt. Juliet, TN

SAMPLE SUMMARY

OE-9-W-240510 L1736695-06 GW

Collected by
R. Shropshire

Collected date/time
05/10/24 06:30

Received date/time
05/15/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2289914	1	05/22/24 12:53	05/22/24 18:06	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2289145	1	05/19/24 16:19	05/19/24 16:19	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2288387	1	05/17/24 14:58	05/17/24 14:58	TJJ	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG2289110	1	05/18/24 17:35	05/19/24 17:56	RDH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2290492	1	05/22/24 09:25	05/24/24 19:18	AUU	Mt. Juliet, TN

¹ Cp

² Tc

³ Ss

⁴ Cn

OE-10-W-240510 L1736695-07 GW

Collected by
R. Shropshire

Collected date/time
05/10/24 06:10

Received date/time
05/15/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2289914	1	05/22/24 12:53	05/22/24 18:08	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2289145	1	05/19/24 16:42	05/19/24 16:42	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2288387	1	05/17/24 15:19	05/17/24 15:19	TJJ	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG2289110	1.02	05/18/24 17:35	05/19/24 15:43	RDH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2290492	1	05/22/24 09:25	05/24/24 19:46	AUU	Mt. Juliet, TN

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

OE-11-W-240510 L1736695-08 GW

Collected by
R. Shropshire

Collected date/time
05/10/24 05:44

Received date/time
05/15/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2289914	1	05/22/24 12:53	05/22/24 18:10	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2289145	1	05/19/24 17:04	05/19/24 17:04	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2288387	1	05/17/24 15:41	05/17/24 15:41	TJJ	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG2289110	1	05/18/24 17:35	05/19/24 19:12	RDH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2290492	1	05/22/24 09:25	05/24/24 20:07	AUU	Mt. Juliet, TN

⁹ Sc

OE-12-W-240510 L1736695-09 GW

Collected by
R. Shropshire

Collected date/time
05/10/24 05:30

Received date/time
05/15/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010D	WG2289914	1	05/22/24 12:53	05/22/24 18:11	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2289145	1	05/19/24 17:27	05/19/24 17:27	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2288387	1	05/17/24 16:03	05/17/24 16:03	TJJ	Mt. Juliet, TN
EDB / DBCP by Method 8011	WG2289110	1	05/18/24 17:35	05/19/24 19:31	RDH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT	WG2290492	1	05/22/24 09:25	05/24/24 20:28	AUU	Mt. Juliet, TN

TB-03-W-240510 L1736695-10 GW

Collected by
R. Shropshire

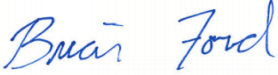
Collected date/time
05/10/24 00:00

Received date/time
05/15/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2289145	1	05/19/24 12:08	05/19/24 12:08	CDD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2288387	1	05/17/24 13:30	05/17/24 13:30	TJJ	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Brian Ford
Project Manager

Sample Delivery Group (SDG) Narrative

pH outside of method requirement.

Lab Sample ID	Project Sample ID	Method
L1736695-02	OE-5-W-240511	NWTPHDX-NO SGT
L1736695-05	OE-8-W-240510	NWTPHDX-NO SGT
L1736695-06	OE-9-W-240510	NWTPHDX-NO SGT
L1736695-07	OE-10-W-240510	NWTPHDX-NO SGT



Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Lead	U		2.99	6.00	1	05/22/2024 17:56	WG2289914

1
Cp

2
Tc

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	26100		316	1000	10	05/19/2024 18:36	WG2289145
(S) a,a,a-Trifluorotoluene(FID)	93.5			78.0-120		05/19/2024 18:36	WG2289145

3
Ss

4
Cn

5
Sr

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	855		0.941	10.0	10	05/17/2024 16:25	WG2288387
Toluene	2840		27.8	100	100	05/18/2024 21:51	WG2289130
Ethylbenzene	683		1.37	10.0	10	05/17/2024 16:25	WG2288387
Total Xylenes	5500		1.74	30.0	10	05/17/2024 16:25	WG2288387
1,2-Dichloroethane	U		0.819	10.0	10	05/17/2024 16:25	WG2288387
(S) Toluene-d8	101			80.0-120		05/17/2024 16:25	WG2288387
(S) Toluene-d8	110			80.0-120		05/18/2024 21:51	WG2289130
(S) 4-Bromofluorobenzene	99.7			77.0-126		05/17/2024 16:25	WG2288387
(S) 4-Bromofluorobenzene	101			77.0-126		05/18/2024 21:51	WG2289130
(S) 1,2-Dichloroethane-d4	91.1			70.0-130		05/17/2024 16:25	WG2288387
(S) 1,2-Dichloroethane-d4	95.4			70.0-130		05/18/2024 21:51	WG2289130

6
Qc

7
Gl

8
Al

9
Sc

EDB / DBCP by Method 8011

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Ethylene Dibromide	5.68		0.115	0.428	21.4	05/22/2024 19:50	WG2288184

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	1190		66.7	200	1	05/22/2024 21:35	WG2290492
Residual Range Organics (RRO)	U		83.3	250	1	05/22/2024 21:35	WG2290492
(S) o-Terphenyl	77.9			52.0-156		05/22/2024 21:35	WG2290492

Sample Narrative:

L1736695-01 WG2290492: Sample resembles laboratory standard for Gasoline.

Metals (ICP) by Method 6010D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Lead	9.46		2.99	6.00	1	05/22/2024 17:58	WG2289914

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	27100		316	1000	10	05/19/2024 18:58	WG2289145
(S) a,a,a-Trifluorotoluene(FID)	93.5			78.0-120		05/19/2024 18:58	WG2289145

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Benzene	1650		0.941	10.0	10	05/17/2024 16:47	WG2288387
Toluene	4290		27.8	100	100	05/18/2024 22:11	WG2289130
Ethylbenzene	556		1.37	10.0	10	05/17/2024 16:47	WG2288387
Total Xylenes	4370		1.74	30.0	10	05/17/2024 16:47	WG2288387
1,2-Dichloroethane	U		0.819	10.0	10	05/17/2024 16:47	WG2288387
(S) Toluene-d8	97.9			80.0-120		05/17/2024 16:47	WG2288387
(S) Toluene-d8	109			80.0-120		05/18/2024 22:11	WG2289130
(S) 4-Bromofluorobenzene	102			77.0-126		05/17/2024 16:47	WG2288387
(S) 4-Bromofluorobenzene	103			77.0-126		05/18/2024 22:11	WG2289130
(S) 1,2-Dichloroethane-d4	88.4			70.0-130		05/17/2024 16:47	WG2288387
(S) 1,2-Dichloroethane-d4	96.0			70.0-130		05/18/2024 22:11	WG2289130

EDB / DBCP by Method 8011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Ethylene Dibromide	15.2		0.279	1.04	52	05/22/2024 20:09	WG2288184

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	1370		66.7	200	1	05/22/2024 21:56	WG2290492
Residual Range Organics (RRO)	U		83.3	250	1	05/22/2024 21:56	WG2290492
(S) o-Terphenyl	71.1			52.0-156		05/22/2024 21:56	WG2290492

Sample Narrative:

L1736695-02 WG2290492: Sample resembles laboratory standard for Gasoline.

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Lead	U		2.99	6.00	1	05/22/2024 18:00	WG2289914

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	1850		31.6	100	1	05/19/2024 15:10	WG2289145
(S) a,a,a-Trifluorotoluene(FID)	99.1			78.0-120		05/19/2024 15:10	WG2289145

6
Qc

7
Gl

8
Al

9
Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	4.36		0.0941	1.00	1	05/17/2024 13:52	WG2288387
Toluene	15.8		0.278	1.00	1	05/17/2024 13:52	WG2288387
Ethylbenzene	7.74		0.137	1.00	1	05/17/2024 13:52	WG2288387
Total Xylenes	30.9		0.174	3.00	1	05/17/2024 13:52	WG2288387
1,2-Dichloroethane	U		0.0819	1.00	1	05/17/2024 13:52	WG2288387
(S) Toluene-d8	95.9			80.0-120		05/17/2024 13:52	WG2288387
(S) 4-Bromofluorobenzene	94.4			77.0-126		05/17/2024 13:52	WG2288387
(S) 1,2-Dichloroethane-d4	101			70.0-130		05/17/2024 13:52	WG2288387

EDB / DBCP by Method 8011

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Ethylene Dibromide	0.129		0.00568	0.0212	1.06	05/21/2024 23:40	WG2288184

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	503		66.7	200	1	05/23/2024 06:41	WG2290492
Residual Range Organics (RRO)	U		83.3	250	1	05/23/2024 06:41	WG2290492
(S) o-Terphenyl	70.0			52.0-156		05/23/2024 06:41	WG2290492

Sample Narrative:

L1736695-03 WG2290492: Sample resembles laboratory standard for Gasoline.

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Lead	U		2.99	6.00	1	05/22/2024 18:05	WG2289914

1

Cp

2

Tc

3

Ss

4

Cn

5

Sr

6

Qc

7

Gl

8

Al

9

Sc

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	145	B	31.6	100	1	05/19/2024 15:33	WG2289145
(S) a,a,a-Trifluorotoluene(FID)	96.4			78.0-120		05/19/2024 15:33	WG2289145

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	0.757	J	0.0941	1.00	1	05/17/2024 14:14	WG2288387
Toluene	0.467	J	0.278	1.00	1	05/17/2024 14:14	WG2288387
Ethylbenzene	U		0.137	1.00	1	05/17/2024 14:14	WG2288387
Total Xylenes	U		0.174	3.00	1	05/17/2024 14:14	WG2288387
1,2-Dichloroethane	U		0.0819	1.00	1	05/17/2024 14:14	WG2288387
(S) Toluene-d8	103			80.0-120		05/17/2024 14:14	WG2288387
(S) 4-Bromofluorobenzene	98.4			77.0-126		05/17/2024 14:14	WG2288387
(S) 1,2-Dichloroethane-d4	93.9			70.0-130		05/17/2024 14:14	WG2288387

EDB / DBCP by Method 8011

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Ethylene Dibromide	U		0.00547	0.0204	1.02	05/19/2024 02:25	WG2288184

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	232		66.7	200	1	05/23/2024 07:02	WG2290492
Residual Range Organics (RRO)	122	J	83.3	250	1	05/23/2024 07:02	WG2290492
(S) o-Terphenyl	67.4			52.0-156		05/23/2024 07:02	WG2290492

Sample Narrative:

L1736695-04 WG2290492: Sample does not resemble laboratory standards.

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Lead	U		2.99	6.00	1	05/22/2024 17:27	WG2289914

1

Cp

2

Tc

3

Ss

4

Cn

5

Sr

6

Qc

7

Gl

8

Al

9

Sc

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	111	B	31.6	100	1	05/19/2024 15:56	WG2289145
(S) a,a,a-Trifluorotoluene(FID)	96.8			78.0-120		05/19/2024 15:56	WG2289145

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	0.181	J	0.0941	1.00	1	05/17/2024 14:35	WG2288387
Toluene	U		0.278	1.00	1	05/17/2024 14:35	WG2288387
Ethylbenzene	U		0.137	1.00	1	05/17/2024 14:35	WG2288387
Total Xylenes	U		0.174	3.00	1	05/17/2024 14:35	WG2288387
1,2-Dichloroethane	U		0.0819	1.00	1	05/17/2024 14:35	WG2288387
(S) Toluene-d8	103			80.0-120		05/17/2024 14:35	WG2288387
(S) 4-Bromofluorobenzene	94.9			77.0-126		05/17/2024 14:35	WG2288387
(S) 1,2-Dichloroethane-d4	95.4			70.0-130		05/17/2024 14:35	WG2288387

EDB / DBCP by Method 8011

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Ethylene Dibromide	U		0.00536	0.0200	1	05/19/2024 02:43	WG2288184

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	296		66.7	200	1	05/24/2024 18:56	WG2290492
Diesel Range Organics (DRO)	277	Q	66.7	200	1	05/25/2024 20:28	WG2293173
Residual Range Organics (RRO)	613		83.3	250	1	05/24/2024 18:56	WG2290492
Residual Range Organics (RRO)	302	Q	83.3	250	1	05/26/2024 11:53	WG2293173
(S) o-Terphenyl	72.1			52.0-156		05/24/2024 18:56	WG2290492
(S) o-Terphenyl	128			52.0-156		05/25/2024 20:28	WG2293173
(S) o-Terphenyl	70.5			52.0-156		05/26/2024 11:53	WG2293173

Sample Narrative:

L1736695-05 WG2290492, WG2293173: Duplicate analysis performed due to lab contamination pattern present in WG2290492.

L1736695-05 WG2290492, WG2293173: Reporting both sets of data. Sample resembles laboratory standard for Motor Oil.

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Lead	4.58	J	2.99	6.00	1	05/22/2024 18:06	WG2289914

1

Cp

2

Tc

3

Ss

4

Cn

5

Sr

6

Qc

7

Gl

8

Al

9

Sc

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	55.9	B_J	31.6	100	1	05/19/2024 16:19	WG2289145
(S) a,a,a-Trifluorotoluene(FID)	94.5			78.0-120		05/19/2024 16:19	WG2289145

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	0.503	J	0.0941	1.00	1	05/17/2024 14:58	WG2288387
Toluene	U		0.278	1.00	1	05/17/2024 14:58	WG2288387
Ethylbenzene	0.405	J	0.137	1.00	1	05/17/2024 14:58	WG2288387
Total Xylenes	0.774	J	0.174	3.00	1	05/17/2024 14:58	WG2288387
1,2-Dichloroethane	0.164	J	0.0819	1.00	1	05/17/2024 14:58	WG2288387
(S) Toluene-d8	104			80.0-120		05/17/2024 14:58	WG2288387
(S) 4-Bromofluorobenzene	98.6			77.0-126		05/17/2024 14:58	WG2288387
(S) 1,2-Dichloroethane-d4	93.8			70.0-130		05/17/2024 14:58	WG2288387

EDB / DBCP by Method 8011

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Ethylene Dibromide	U		0.00536	0.0200	1	05/19/2024 17:56	WG2289110

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	416		66.7	200	1	05/24/2024 19:18	WG2290492
Residual Range Organics (RRO)	632		83.3	250	1	05/24/2024 19:18	WG2290492
(S) o-Terphenyl	61.6			52.0-156		05/24/2024 19:18	WG2290492

Sample Narrative:

L1736695-06 WG2290492: Sample resembles laboratory standards for Diesel and Hydraulic Oil.

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Lead	U		2.99	6.00	1	05/22/2024 18:08	WG2289914

1

Cp

2

Tc

3

Ss

4

Cn

5

Sr

6

Qc

7

Gl

8

Al

9

Sc

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	284	<u>B</u>	31.6	100	1	05/19/2024 16:42	WG2289145
(S) a,a,a-Trifluorotoluene(FID)	94.8			78.0-120		05/19/2024 16:42	WG2289145

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	0.416	<u>J</u>	0.0941	1.00	1	05/17/2024 15:19	WG2288387
Toluene	U		0.278	1.00	1	05/17/2024 15:19	WG2288387
Ethylbenzene	U		0.137	1.00	1	05/17/2024 15:19	WG2288387
Total Xylenes	0.850	<u>J</u>	0.174	3.00	1	05/17/2024 15:19	WG2288387
1,2-Dichloroethane	U		0.0819	1.00	1	05/17/2024 15:19	WG2288387
(S) Toluene-d8	97.6			80.0-120		05/17/2024 15:19	WG2288387
(S) 4-Bromofluorobenzene	98.0			77.0-126		05/17/2024 15:19	WG2288387
(S) 1,2-Dichloroethane-d4	91.6			70.0-130		05/17/2024 15:19	WG2288387

EDB / DBCP by Method 8011

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Ethylene Dibromide	U		0.00547	0.0204	1.02	05/19/2024 15:43	WG2289110

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	611		66.7	200	1	05/24/2024 19:46	WG2290492
Residual Range Organics (RRO)	671		83.3	250	1	05/24/2024 19:46	WG2290492
(S) o-Terphenyl	73.2			52.0-156		05/24/2024 19:46	WG2290492

Sample Narrative:

L1736695-07 WG2290492: Sample resembles laboratory standards for Diesel and Hydraulic Oil.

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Lead	U		2.99	6.00	1	05/22/2024 18:10	WG2289914

1

Cp

2

Tc

3

Ss

4

Cn

5

Sr

6

Qc

7

Gl

8

Al

9

Sc

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	2340		31.6	100	1	05/19/2024 17:04	WG2289145
(S) a,a,a-Trifluorotoluene(FID)	101			78.0-120		05/19/2024 17:04	WG2289145

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	0.760	J	0.0941	1.00	1	05/17/2024 15:41	WG2288387
Toluene	8.63		0.278	1.00	1	05/17/2024 15:41	WG2288387
Ethylbenzene	32.6		0.137	1.00	1	05/17/2024 15:41	WG2288387
Total Xylenes	332		0.174	3.00	1	05/17/2024 15:41	WG2288387
1,2-Dichloroethane	U		0.0819	1.00	1	05/17/2024 15:41	WG2288387
(S) Toluene-d8	99.9			80.0-120		05/17/2024 15:41	WG2288387
(S) 4-Bromofluorobenzene	105			77.0-126		05/17/2024 15:41	WG2288387
(S) 1,2-Dichloroethane-d4	93.1			70.0-130		05/17/2024 15:41	WG2288387

EDB / DBCP by Method 8011

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Ethylene Dibromide	U		0.00536	0.0200	1	05/19/2024 19:12	WG2289110

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	683		66.7	200	1	05/24/2024 20:07	WG2290492
Residual Range Organics (RRO)	410		83.3	250	1	05/24/2024 20:07	WG2290492
(S) o-Terphenyl	72.1			52.0-156		05/24/2024 20:07	WG2290492

Sample Narrative:
L1736695-08 WG2290492: Sample resembles laboratory standards for Gasoline, Kerosene, and Hydraulic Oil.

Metals (ICP) by Method 6010D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Lead	U		2.99	6.00	1	05/22/2024 18:11	WG2289914

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	1500		31.6	100	1	05/19/2024 17:27	WG2289145
(S) a,a,a-Trifluorotoluene(FID)	91.0			78.0-120		05/19/2024 17:27	WG2289145

6
Qc

7
Gl

8
Al

9
Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	0.516	J	0.0941	1.00	1	05/17/2024 16:03	WG2288387
Toluene	29.0		0.278	1.00	1	05/17/2024 16:03	WG2288387
Ethylbenzene	69.0		0.137	1.00	1	05/17/2024 16:03	WG2288387
Total Xylenes	159		0.174	3.00	1	05/17/2024 16:03	WG2288387
1,2-Dichloroethane	U		0.0819	1.00	1	05/17/2024 16:03	WG2288387
(S) Toluene-d8	95.1			80.0-120		05/17/2024 16:03	WG2288387
(S) 4-Bromofluorobenzene	96.9			77.0-126		05/17/2024 16:03	WG2288387
(S) 1,2-Dichloroethane-d4	89.3			70.0-130		05/17/2024 16:03	WG2288387

EDB / DBCP by Method 8011

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Ethylene Dibromide	U		0.00536	0.0200	1	05/19/2024 19:31	WG2289110

Semi-Volatile Organic Compounds (GC) by Method NWTPHDX-NO SGT

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Diesel Range Organics (DRO)	421		66.7	200	1	05/24/2024 20:28	WG2290492
Residual Range Organics (RRO)	310		83.3	250	1	05/24/2024 20:28	WG2290492
(S) o-Terphenyl	71.1			52.0-156		05/24/2024 20:28	WG2290492

Sample Narrative:
L1736695-09 WG2290492: Sample resembles laboratory standards for Gasoline, Kerosene, and Hydraulic Oil.

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	34.2	B J	31.6	100	1	05/19/2024 12:08	WG2289145
(S) a,a,a-Trifluorotoluene(FID)	97.4			78.0-120		05/19/2024 12:08	WG2289145

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0941	1.00	1	05/17/2024 13:30	WG2288387
Toluene	U		0.278	1.00	1	05/17/2024 13:30	WG2288387
Ethylbenzene	U		0.137	1.00	1	05/17/2024 13:30	WG2288387
Total Xylenes	U		0.174	3.00	1	05/17/2024 13:30	WG2288387
1,2-Dichloroethane	U		0.0819	1.00	1	05/17/2024 13:30	WG2288387
(S) Toluene-d8	101			80.0-120		05/17/2024 13:30	WG2288387
(S) 4-Bromofluorobenzene	94.7			77.0-126		05/17/2024 13:30	WG2288387
(S) 1,2-Dichloroethane-d4	98.4			70.0-130		05/17/2024 13:30	WG2288387

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4072937-1 05/22/24 17:24

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Lead	U		2.99	6.00

Laboratory Control Sample (LCS)

(LCS) R4072937-2 05/22/24 17:26

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Lead	1000	968	96.8	80.0-120	

L1736695-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1736695-05 05/22/24 17:27 • (MS) R4072937-4 05/22/24 17:31 • (MSD) R4072937-5 05/22/24 17:32

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Lead	1000	U	964	984	96.4	98.4	1	75.0-125			2.08	20

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4072614-2 05/19/24 11:02

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Gasoline Range Organics-NWTPH	58.1	J	31.6	100
(S) a,a,a-Trifluorotoluene(FID)	99.4			78.0-120

Laboratory Control Sample (LCS)

(LCS) R4072614-1 05/19/24 09:59

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Gasoline Range Organics-NWTPH	5000	4510	90.2	70.0-124	
(S) a,a,a-Trifluorotoluene(FID)			105	78.0-120	

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

Method Blank (MB)

(MB) R4071311-3 05/17/24 06:53

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.0941	1.00
Toluene	U		0.278	1.00
Ethylbenzene	U		0.137	1.00
Total Xylenes	U		0.174	3.00
1,2-Dichloroethane	U		0.0819	1.00
(S) Toluene-d8	102			80.0-120
(S) 4-Bromofluorobenzene	97.0			77.0-126
(S) 1,2-Dichloroethane-d4	94.7			70.0-130

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4071311-1 05/17/24 05:48 • (LCSD) R4071311-2 05/17/24 06:09

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	5.00	5.67	5.56	113	111	70.0-123			1.96	20
Toluene	5.00	5.40	5.39	108	108	79.0-120			0.185	20
Ethylbenzene	5.00	5.12	5.19	102	104	79.0-123			1.36	20
Total Xylenes	15.0	14.9	15.2	99.3	101	79.0-123			1.99	20
1,2-Dichloroethane	5.00	5.63	5.61	113	112	70.0-128			0.356	20
(S) Toluene-d8				101	100	80.0-120				
(S) 4-Bromofluorobenzene				102	100	77.0-126				
(S) 1,2-Dichloroethane-d4				92.6	89.8	70.0-130				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4071679-3 05/18/24 20:21

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Toluene	U		0.278	1.00
(S) Toluene-d8	111			80.0-120
(S) 4-Bromofluorobenzene	100			77.0-126
(S) 1,2-Dichloroethane-d4	92.6			70.0-130

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4071679-1 05/18/24 19:20 • (LCSD) R4071679-2 05/18/24 19:40

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Toluene	5.00	4.51	4.47	90.2	89.4	79.0-120			0.891	20
(S) Toluene-d8				109	108	80.0-120				
(S) 4-Bromofluorobenzene				102	102	77.0-126				
(S) 1,2-Dichloroethane-d4				95.7	96.9	70.0-130				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4071420-1 05/18/24 19:16

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
Ethylene Dibromide	U		0.00541	0.0202

L1736058-09 Original Sample (OS) • Duplicate (DUP)

(OS) L1736058-09 05/18/24 20:31 • (DUP) R4071420-3 05/18/24 20:12

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Ethylene Dibromide	U	U	1.02	0.000		20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4071420-4 05/18/24 23:38 • (LCSD) R4071420-5 05/19/24 03:19

	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	%	%	%			%	%
Ethylene Dibromide	0.255	0.228	0.224	89.4	88.5	60.0-140			1.77	20

L1736058-08 Original Sample (OS) • Matrix Spike (MS)

(OS) L1736058-08 05/18/24 19:53 • (MS) R4071420-2 05/18/24 19:35

	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Analyte	ug/l	ug/l	ug/l	%		%	
Ethylene Dibromide	0.101	U	0.119	118	1.01	64.0-159	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4071506-1 05/19/24 13:48

	MB Result	MB Qualifier	MB MDL	MB RDL
Analyte	ug/l		ug/l	ug/l
Ethylene Dibromide	U		0.00536	0.0200

L1736695-07 Original Sample (OS) • Duplicate (DUP)

(OS) L1736695-07 05/19/24 15:43 • (DUP) R4071506-4 05/19/24 15:24

	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
Analyte	ug/l	ug/l		%		%
Ethylene Dibromide	U	U	1.09	0.000		20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4071506-5 05/19/24 18:34 • (LCSD) R4071506-6 05/19/24 22:35

	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
Analyte	ug/l	ug/l	ug/l	%	%	%			%	%
Ethylene Dibromide	0.250	0.210	0.211	84.0	84.4	60.0-140			0.475	20

L1736984-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1736984-01 05/19/24 14:26 • (MS) R4071506-2 05/19/24 14:07

	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Analyte	ug/l	ug/l	ug/l	%		%	
Ethylene Dibromide	0.106	U	0.0971	91.6	1.06	64.0-159	

L1737628-03 Original Sample (OS) • Matrix Spike (MS)

(OS) L1737628-03 05/19/24 15:05 • (MS) R4071506-3 05/19/24 14:46

	Spike Amount	Original Result	MS Result	MS Rec.	Dilution	Rec. Limits	MS Qualifier
Analyte	ug/l	ug/l	ug/l	%		%	
Ethylene Dibromide	0.102	U	0.0839	82.3	1.02	64.0-159	

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4072893-1 05/22/24 12:26

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Diesel Range Organics (DRO)	U		66.7	200
Residual Range Organics (RRO)	U		83.3	250
(S) o-Terphenyl	60.5			52.0-156

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4072893-2 05/22/24 12:47 • (LCSD) R4072893-3 05/22/24 13:08

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Diesel Range Organics (DRO)	1500	1270	1320	84.7	88.0	50.0-150			3.86	20
(S) o-Terphenyl				71.5	75.0	52.0-156				

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

Method Blank (MB)

(MB) R4074229-1 05/25/24 19:27

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Diesel Range Organics (DRO)	U		66.7	200
Residual Range Organics (RRO)	U		83.3	250
(S) o-Terphenyl	115			52.0-156

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4074229-2 05/25/24 19:48 • (LCSD) R4074229-3 05/25/24 20:08

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Diesel Range Organics (DRO)	1500	1430	1440	95.3	96.0	50.0-150			0.697	20
(S) o-Terphenyl				117	117	52.0-156				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier Description

B	The same analyte is found in the associated blank.
J	The identification of the analyte is acceptable; the reported value is an estimate.
Q	Sample was prepared and/or analyzed past holding time as defined in the method. Concentrations should be considered minimum values.

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

ACCREDITATIONS & LOCATIONS

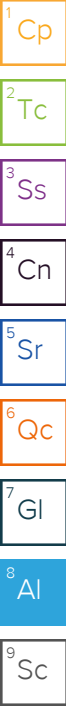
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey--NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio--VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1 6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1 4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA -- ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA -- ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA--Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.



Leidos Inc.- Bothell, WA

11824 North Creek Parkway N
Suite 101
Bothell, WA 98011

Report to:

Russ Shropshire

Project Description:
Chevron #9-6590

Phone: 425-482-3323

Client Project #

WA-02

Lab Project #

LEIDOSBWA-CHELAN

Collected by (print):

R. Shropshire

Site/Facility ID #

232 EAST WOODIN AVE

P.O. #

P010308312
P010246476

Collected by (signature):



Rush? (Lab MUST Be Notified)

Same Day Five Day
Next Day 5 Day (Rad Only)
Two Day 10 Day (Rad Only)
Three Day

Quote #

Date Results Needed

No.
of
Cnts

Sample ID

Comp/Grab

Matrix *

Depth

Date

Time

OE-1-W-240511

Grab

GW

NA

5-11-24

0530

12

OE-5-W-240511

GW

5-11-24

0530

12

OE-6-W-240511

GW

5-11-24

0430

12

OE-7-W-240510

GW

5-10-24

0730

12

OE-8-W-240510

GW

5-10-24

0645

12

OE-9-W-240510

GW

5-10-24

0630

12

OE-10-W-240510

GW

5-10-24

0610

12

OE-11-W-240510

GW

5-10-24

0544

12

OE-12-W-240510

GW

5-10-24

0530

12

TB-03-W-240510

V

GW

5-10-24

NA

6

* Matrix:

SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - Waste Water
DW - Drinking Water
OT - Other

Remarks: Repress

Samples returned via:

UPS FedEx Courier

Tracking #

4517 1150

Relinquished by: (Signature)



Date:

5-13-24

Time:

1400

Received by: (Signature)



Trip Blank Received: Yes/No

G (HCL/MeOH TBR)

Relinquished by: (Signature)



Date:

5-15-24

Time:

0900

Received by: (Signature)



Temp: 21.6°C Bottles Received: 5.610.1-5.7 121

Relinquished by: (Signature)



Date:

5/15/24

Time:

0900

Received for lab by: (Signature)



Date:

5/15/24

Time:

0900

Hold:

Condition: NCF / OK

Analysis / Container / Preservative

Chain of Custody Page 1 of 1



MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody
constitutes acknowledgment and acceptance of the
Pace Terms and Conditions found at:
<https://info.pacelabs.com/hubfs/pas-standard-terms.pdf>

SDG #

C193

Acctnum: LEIDOSBWA

Template: T239673

Prelogin: P1072657

PM: 110 - Brian Ford

PB:

Shipped Via: FedEx Ground

Remarks

Sample # (lab only)

Sample Receipt Checklist

COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N
RAD Screen <0.5 mR/hr: Y N

PH-10BDH-6021 TRC-2350-2F2
CR6-20221V

November 25, 2024

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

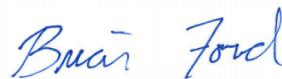
⁸ Al

⁹ Sc

Leidos Inc.- Bothell, WA

Sample Delivery Group: L1798588
Samples Received: 11/12/2024
Project Number: CHELAN
Description: Chevron #9-6590
Site: 232 EAST WOODIN AVE CHELAN WA
Report To: Russ Shropshire
11824 North Creek Parkway N
Suite 101
Bothell, WA 98011

Entire Report Reviewed By:



Brian Ford
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

TABLE OF CONTENTS

Cp: Cover Page	1
Tc: Table of Contents	2
Ss: Sample Summary	3
Cn: Case Narrative	5
Sr: Sample Results	6
OE-5-W-241110 L1798588-01	6
OE-6-W-241110 L1798588-02	7
OE-7-W-241110 L1798588-03	8
OE-8-W-241110 L1798588-04	9
OE-9-W-241110 L1798588-05	10
OE-10-W-241110 L1798588-06	11
OE-11-W-241110 L1798588-07	12
OE-12-W-241110 L1798588-08	13
Qc: Quality Control Summary	14
Volatile Organic Compounds (GC) by Method NWTPHGX	14
Volatile Organic Compounds (GC/MS) by Method 8260D	16
Gl: Glossary of Terms	21
Al: Accreditations & Locations	22
Sc: Sample Chain of Custody	23

¹ Cp
² Tc
³ Ss
⁴ Cn
⁵ Sr
⁶ Qc
⁷ Gl
⁸ Al
⁹ Sc

SAMPLE SUMMARY

OE-5-W-241110 L1798588-01 GW

				Collected by R. Shropshire	Collected date/time 11/10/24 12:40	Received date/time 11/12/24 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2403252	20	11/18/24 01:49	11/18/24 01:49	KST	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2403299	1	11/18/24 00:22	11/18/24 00:22	JBE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2405937	25	11/21/24 15:47	11/21/24 15:47	ACG	Mt. Juliet, TN

OE-6-W-241110 L1798588-02 GW

				Collected by R. Shropshire	Collected date/time 11/10/24 13:40	Received date/time 11/12/24 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2402817	1	11/16/24 02:57	11/16/24 02:57	KST	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2403299	1	11/18/24 00:41	11/18/24 00:41	JBE	Mt. Juliet, TN

OE-7-W-241110 L1798588-03 GW

				Collected by R. Shropshire	Collected date/time 11/10/24 12:30	Received date/time 11/12/24 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2402817	1	11/16/24 03:19	11/16/24 03:19	KST	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2403314	1	11/17/24 19:54	11/17/24 19:54	ACG	Mt. Juliet, TN

OE-8-W-241110 L1798588-04 GW

				Collected by R. Shropshire	Collected date/time 11/10/24 13:00	Received date/time 11/12/24 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2402817	1	11/16/24 03:42	11/16/24 03:42	KST	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2403330	1	11/17/24 23:03	11/17/24 23:03	DYW	Mt. Juliet, TN

OE-9-W-241110 L1798588-05 GW

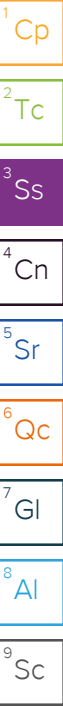
				Collected by R. Shropshire	Collected date/time 11/10/24 12:10	Received date/time 11/12/24 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2402817	1	11/16/24 04:05	11/16/24 04:05	KST	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2403330	1	11/17/24 23:25	11/17/24 23:25	DYW	Mt. Juliet, TN

OE-10-W-241110 L1798588-06 GW

				Collected by R. Shropshire	Collected date/time 11/10/24 13:30	Received date/time 11/12/24 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2402817	1	11/16/24 04:28	11/16/24 04:28	KST	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2403330	1	11/17/24 23:47	11/17/24 23:47	DYW	Mt. Juliet, TN

OE-11-W-241110 L1798588-07 GW

				Collected by R. Shropshire	Collected date/time 11/10/24 11:50	Received date/time 11/12/24 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2402817	1	11/16/24 04:51	11/16/24 04:51	KST	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2405900	20	11/22/24 02:09	11/22/24 02:09	JHH	Mt. Juliet, TN



SAMPLE SUMMARY

OE-12-W-241110 L1798588-08 GW

Collected by
R. Shropshire

Collected date/time
11/10/24 11:15

Received date/time
11/12/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC) by Method NWTPHGX	WG2402817	1	11/16/24 05:25	11/16/24 05:25	KST	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2403330	1	11/18/24 00:31	11/18/24 00:31	DYW	Mt. Juliet, TN

¹Cp

 ${}^2\text{Tc}$ $^3S_1$
$$^4\text{Cn}$$
 ^5Sr ${}^6\text{Qc}$ ${}^7\text{Gf}$ ${}^8\text{Al}$ ${}^9\text{Sc}$

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Brian Ford
Project Manager

- ¹ Cp
- ² Tc
- ³ Ss
- ⁴ Cn
- ⁵ Sr
- ⁶ Qc
- ⁷ Gl
- ⁸ Al
- ⁹ Sc

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	27500		632	2000	20	11/18/2024 01:49	WG2403252
(S) a,a,a-Trifluorotoluene(FID)	93.5			78.0-120		11/18/2024 01:49	WG2403252

1
Cp

2
Tc

3
Ss

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	92.4		0.0941	1.00	1	11/18/2024 00:22	WG2403299
Toluene	2750		6.95	25.0	25	11/21/2024 15:47	WG2405937
Ethylbenzene	402		3.43	25.0	25	11/21/2024 15:47	WG2405937
Total Xylenes	3750		4.35	75.0	25	11/21/2024 15:47	WG2405937
1,2-Dichloroethane	1.11		0.0819	1.00	1	11/18/2024 00:22	WG2403299
(S) Toluene-d8	95.9			80.0-120		11/18/2024 00:22	WG2403299
(S) Toluene-d8	101			80.0-120		11/21/2024 15:47	WG2405937
(S) 4-Bromofluorobenzene	97.4			77.0-126		11/18/2024 00:22	WG2403299
(S) 4-Bromofluorobenzene	95.9			77.0-126		11/21/2024 15:47	WG2405937
(S) 1,2-Dichloroethane-d4	132	J1		70.0-130		11/18/2024 00:22	WG2403299
(S) 1,2-Dichloroethane-d4	86.6			70.0-130		11/21/2024 15:47	WG2405937

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	1590		31.6	100	1	11/16/2024 02:57	WG2402817
(S) a,a,a-Trifluorotoluene(FID)	99.9			78.0-120		11/16/2024 02:57	WG2402817

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	3.76		0.0941	1.00	1	11/18/2024 00:41	WG2403299
Toluene	5.20		0.278	1.00	1	11/18/2024 00:41	WG2403299
Ethylbenzene	1.77		0.137	1.00	1	11/18/2024 00:41	WG2403299
Total Xylenes	12.3		0.174	3.00	1	11/18/2024 00:41	WG2403299
1,2-Dichloroethane	0.274	J	0.0819	1.00	1	11/18/2024 00:41	WG2403299
(S) Toluene-d8	103			80.0-120		11/18/2024 00:41	WG2403299
(S) 4-Bromofluorobenzene	104			77.0-126		11/18/2024 00:41	WG2403299
(S) 1,2-Dichloroethane-d4	97.7			70.0-130		11/18/2024 00:41	WG2403299

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	148	B	31.6	100	1	11/16/2024 03:19	WG2402817
(S) a,a,a-Trifluorotoluene(FID)	95.5			78.0-120		11/16/2024 03:19	WG2402817

1
Cp

2
Tc

3
Ss

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	0.278	J	0.0941	1.00	1	11/17/2024 19:54	WG2403314
Toluene	U		0.278	1.00	1	11/17/2024 19:54	WG2403314
Ethylbenzene	U		0.137	1.00	1	11/17/2024 19:54	WG2403314
Total Xylenes	0.190	J	0.174	3.00	1	11/17/2024 19:54	WG2403314
1,2-Dichloroethane	U		0.0819	1.00	1	11/17/2024 19:54	WG2403314
(S) Toluene-d8	108			80.0-120		11/17/2024 19:54	WG2403314
(S) 4-Bromofluorobenzene	89.6			77.0-126		11/17/2024 19:54	WG2403314
(S) 1,2-Dichloroethane-d4	107			70.0-130		11/17/2024 19:54	WG2403314

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	39.2	B J	31.6	100	1	11/16/2024 03:42	WG2402817
(S) a,a,a-Trifluorotoluene(FID)	95.0			78.0-120		11/16/2024 03:42	WG2402817

1
Cp

2
Tc

3
Ss

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0941	1.00	1	11/17/2024 23:03	WG2403330
Toluene	U		0.278	1.00	1	11/17/2024 23:03	WG2403330
Ethylbenzene	U		0.137	1.00	1	11/17/2024 23:03	WG2403330
Total Xylenes	U		0.174	3.00	1	11/17/2024 23:03	WG2403330
1,2-Dichloroethane	U		0.0819	1.00	1	11/17/2024 23:03	WG2403330
(S) Toluene-d8	98.3			80.0-120		11/17/2024 23:03	WG2403330
(S) 4-Bromofluorobenzene	104			77.0-126		11/17/2024 23:03	WG2403330
(S) 1,2-Dichloroethane-d4	122			70.0-130		11/17/2024 23:03	WG2403330

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	U		31.6	100	1	11/16/2024 04:05	WG2402817
(S) a,a,a-Trifluorotoluene(FID)	96.1			78.0-120		11/16/2024 04:05	WG2402817

1
Cp

2
Tc

3
Ss

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0941	1.00	1	11/17/2024 23:25	WG2403330
Toluene	U		0.278	1.00	1	11/17/2024 23:25	WG2403330
Ethylbenzene	U		0.137	1.00	1	11/17/2024 23:25	WG2403330
Total Xylenes	U		0.174	3.00	1	11/17/2024 23:25	WG2403330
1,2-Dichloroethane	U		0.0819	1.00	1	11/17/2024 23:25	WG2403330
(S) Toluene-d8	99.7			80.0-120		11/17/2024 23:25	WG2403330
(S) 4-Bromofluorobenzene	104			77.0-126		11/17/2024 23:25	WG2403330
(S) 1,2-Dichloroethane-d4	114			70.0-130		11/17/2024 23:25	WG2403330

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	192	B	31.6	100	1	11/16/2024 04:28	WG2402817
(S) a,a,a-Trifluorotoluene(FID)	95.8			78.0-120		11/16/2024 04:28	WG2402817

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	0.624	J	0.0941	1.00	1	11/17/2024 23:47	WG2403330
Toluene	U		0.278	1.00	1	11/17/2024 23:47	WG2403330
Ethylbenzene	U		0.137	1.00	1	11/17/2024 23:47	WG2403330
Total Xylenes	U		0.174	3.00	1	11/17/2024 23:47	WG2403330
1,2-Dichloroethane	U		0.0819	1.00	1	11/17/2024 23:47	WG2403330
(S) Toluene-d8	94.7			80.0-120		11/17/2024 23:47	WG2403330
(S) 4-Bromofluorobenzene	104			77.0-126		11/17/2024 23:47	WG2403330
(S) 1,2-Dichloroethane-d4	120			70.0-130		11/17/2024 23:47	WG2403330

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	7340		31.6	100	1	11/16/2024 04:51	WG2402817
(S) a,a,a-Trifluorotoluene(FID)	114			78.0-120		11/16/2024 04:51	WG2402817

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	U		1.88	20.0	20	11/22/2024 02:09	WG2405900
Toluene	39.3		5.56	20.0	20	11/22/2024 02:09	WG2405900
Ethylbenzene	112		2.74	20.0	20	11/22/2024 02:09	WG2405900
Total Xylenes	1250		3.48	60.0	20	11/22/2024 02:09	WG2405900
1,2-Dichloroethane	U		1.64	20.0	20	11/22/2024 02:09	WG2405900
(S) Toluene-d8	108			80.0-120		11/22/2024 02:09	WG2405900
(S) 4-Bromofluorobenzene	87.1			77.0-126		11/22/2024 02:09	WG2405900
(S) 1,2-Dichloroethane-d4	111			70.0-130		11/22/2024 02:09	WG2405900

Sample Narrative:
L1798588-07 WG2405900: Target compounds too high to run at a lower dilution.

Volatile Organic Compounds (GC) by Method NWTPHGX

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Gasoline Range Organics-NWTPH	1230		31.6	100	1	11/16/2024 05:25	WG2402817
(S) a,a,a-Trifluorotoluene(FID)	91.9			78.0-120		11/16/2024 05:25	WG2402817

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	0.530	J	0.0941	1.00	1	11/18/2024 00:31	WG2403330
Toluene	25.0		0.278	1.00	1	11/18/2024 00:31	WG2403330
Ethylbenzene	45.9		0.137	1.00	1	11/18/2024 00:31	WG2403330
Total Xylenes	216		0.174	3.00	1	11/18/2024 00:31	WG2403330
1,2-Dichloroethane	U		0.0819	1.00	1	11/18/2024 00:31	WG2403330
(S) Toluene-d8	95.3			80.0-120		11/18/2024 00:31	WG2403330
(S) 4-Bromofluorobenzene	108			77.0-126		11/18/2024 00:31	WG2403330
(S) 1,2-Dichloroethane-d4	109			70.0-130		11/18/2024 00:31	WG2403330

Method Blank (MB)

(MB) R4146944-2 11/15/24 18:48

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Gasoline Range Organics-NWTPH	33.1	J	31.6	100
(S) a,a,a-Trifluorotoluene(FID)	97.0			78.0-120

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4146944-1 11/15/24 17:27 • (LCSD) R4146944-3 11/15/24 19:11

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Gasoline Range Organics-NWTPH	5000	5190	5170	104	103	70.0-124			0.386	20
(S) a,a,a-Trifluorotoluene(FID)				101	102	78.0-120				

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

Method Blank (MB)

(MB) R4149486-2 11/18/24 00:55

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Gasoline Range Organics-NWTPH	U		31.6	100
(S) a,a,a-Trifluorotoluene(FID)	96.9			78.0-120

Laboratory Control Sample (LCS)

(LCS) R4149486-1 11/18/24 00:00

Analyte	Spike Amount ug/l	LCS Result ug/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Gasoline Range Organics-NWTPH	5000	5330	107	70.0-124	
(S) a,a,a-Trifluorotoluene(FID)			103	78.0-120	

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

Method Blank (MB)

(MB) R4148845-3 11/17/24 20:11

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.0941	1.00
Toluene	U		0.278	1.00
Ethylbenzene	U		0.137	1.00
Total Xylenes	U		0.174	3.00
1,2-Dichloroethane	U		0.0819	1.00
(S) Toluene-d8	104			80.0-120
(S) 4-Bromofluorobenzene	99.2			77.0-126
(S) 1,2-Dichloroethane-d4	102			70.0-130

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4148845-1 11/17/24 19:15 • (LCSD) R4148845-2 11/17/24 19:33

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	5.00	4.38	4.24	87.6	84.8	70.0-123			3.25	20
Toluene	5.00	4.80	4.74	96.0	94.8	79.0-120			1.26	20
Ethylbenzene	5.00	4.77	4.68	95.4	93.6	79.0-123			1.90	20
Total Xylenes	15.0	14.4	14.5	96.0	96.7	79.0-123			0.692	20
1,2-Dichloroethane	5.00	4.26	4.33	85.2	86.6	70.0-128			1.63	20
(S) Toluene-d8				102	103	80.0-120				
(S) 4-Bromofluorobenzene				100	98.8	77.0-126				
(S) 1,2-Dichloroethane-d4				105	103	70.0-130				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4147241-3 11/17/24 12:34

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.0941	1.00
Toluene	U		0.278	1.00
Ethylbenzene	U		0.137	1.00
Total Xylenes	U		0.174	3.00
1,2-Dichloroethane	U		0.0819	1.00
(S) Toluene-d8	105			80.0-120
(S) 4-Bromofluorobenzene	89.1			77.0-126
(S) 1,2-Dichloroethane-d4	108			70.0-130

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4147241-1 11/17/24 11:30 • (LCSD) R4147241-2 11/17/24 11:51

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	5.00	5.40	5.72	108	114	70.0-123			5.76	20
Toluene	5.00	5.18	5.38	104	108	79.0-120			3.79	20
Ethylbenzene	5.00	4.73	4.90	94.6	98.0	79.0-123			3.53	20
Total Xylenes	15.0	14.1	14.8	94.0	98.7	79.0-123			4.84	20
1,2-Dichloroethane	5.00	5.80	5.76	116	115	70.0-128			0.692	20
(S) Toluene-d8				107	105	80.0-120				
(S) 4-Bromofluorobenzene				91.9	92.9	77.0-126				
(S) 1,2-Dichloroethane-d4				106	105	70.0-130				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4147434-3 11/17/24 19:05

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.0941	1.00
Toluene	U		0.278	1.00
Ethylbenzene	U		0.137	1.00
Total Xylenes	U		0.174	3.00
1,2-Dichloroethane	U		0.0819	1.00
(S) Toluene-d8	96.3			80.0-120
(S) 4-Bromofluorobenzene	103			77.0-126
(S) 1,2-Dichloroethane-d4	123			70.0-130

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4147434-1 11/17/24 18:00 • (LCSD) R4147434-2 11/17/24 18:22

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	5.00	4.62	4.61	92.4	92.2	70.0-123			0.217	20
Toluene	5.00	4.37	4.33	87.4	86.6	79.0-120			0.920	20
Ethylbenzene	5.00	4.79	4.68	95.8	93.6	79.0-123			2.32	20
Total Xylenes	15.0	14.6	14.2	97.3	94.7	79.0-123			2.78	20
1,2-Dichloroethane	5.00	6.17	6.17	123	123	70.0-128			0.000	20
(S) Toluene-d8				97.1	92.4	80.0-120				
(S) 4-Bromofluorobenzene				106	99.5	77.0-126				
(S) 1,2-Dichloroethane-d4				118	119	70.0-130				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4149490-3 11/22/24 00:44

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.0941	1.00
Toluene	U		0.278	1.00
Ethylbenzene	U		0.137	1.00
Total Xylenes	U		0.174	3.00
1,2-Dichloroethane	U		0.0819	1.00
(S) Toluene-d8	110			80.0-120
(S) 4-Bromofluorobenzene	80.7			77.0-126
(S) 1,2-Dichloroethane-d4	110			70.0-130

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4149490-1 11/21/24 23:15 • (LCSD) R4149490-2 11/21/24 23:37

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	5.00	5.48	5.05	110	101	70.0-123			8.17	20
Toluene	5.00	5.32	4.78	106	95.6	79.0-120			10.7	20
Ethylbenzene	5.00	4.88	4.47	97.6	89.4	79.0-123			8.77	20
Total Xylenes	15.0	14.6	13.0	97.3	86.7	79.0-123			11.6	20
1,2-Dichloroethane	5.00	5.96	5.41	119	108	70.0-128			9.67	20
(S) Toluene-d8				107	107	80.0-120				
(S) 4-Bromofluorobenzene				87.6	86.9	77.0-126				
(S) 1,2-Dichloroethane-d4				109	112	70.0-130				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

Method Blank (MB)

(MB) R4149124-6 11/21/24 12:20

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Toluene	U		0.278	1.00
Ethylbenzene	U		0.137	1.00
Total Xylenes	U		0.174	3.00
(S) Toluene-d8	102			80.0-120
(S) 4-Bromofluorobenzene	95.0			77.0-126
(S) 1,2-Dichloroethane-d4	87.2			70.0-130

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4149124-4 11/21/24 11:18 • (LCSD) R4149124-5 11/21/24 11:39

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Toluene	5.00	4.26	4.67	85.2	93.4	79.0-120			9.18	20
Ethylbenzene	5.00	4.50	4.83	90.0	96.6	79.0-123			7.07	20
Total Xylenes	15.0	13.6	14.6	90.7	97.3	79.0-123			7.09	20
(S) Toluene-d8				103	100	80.0-120				
(S) 4-Bromofluorobenzene				96.8	94.5	77.0-126				
(S) 1,2-Dichloroethane-d4				88.1	89.4	70.0-130				

1Cp

2Tc

3Ss

4Cn

5Sr

6Qc

7Gl

8Al

9Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

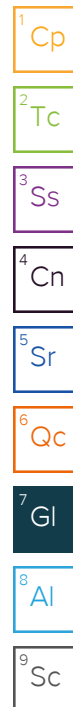
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
B	The same analyte is found in the associated blank.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits.



ACCREDITATIONS & LOCATIONS

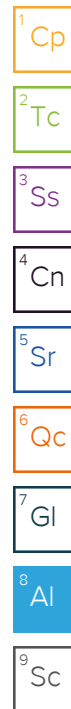
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey--NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio--VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1 6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1 4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA -- ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA -- ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA--Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.



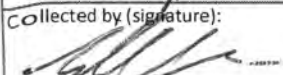
Company Name/Address:
Leidos Inc.- Bothell, WA
11824 North Creek Parkway N
Suite 101
Bothell, WA 98011

Report to:
Russ Shropshire

Project Description:
Chevron #9-6590

Phone: **425-482-3323**

Collected by (print):
R. Shropshire

Collected by (signature):


Immediately Packed on Ice N ☐ Y ☒

Billing Information:
Accounts Payable
11824 North Creek Parkway N
Suite 101
Bothell, WA 98011

Email To: **russell.s.shropshire@leidos.com**

City/State Collected: **Chelan WA**

Please Circle:
PT MT CT ET ☒

Client Project #
Chelan

Site/Facility ID #
232 EAST WOODIN AVE

Rush? (Lab MUST Be Notified)
☐ Same Day ☐ Five Day
☐ Next Day ☐ 5 Day (Rad Only)
☐ Two Day ☐ 10 Day (Rad Only)
☐ Three Day

Lab Project #
LEIDOSBWA-CHELAN

P.O. # **P010326157**
334893 TM.1.000.00.00.000

Quote #

Date Results Needed

No. of Cntrs

Analysis / Container / Preservative

8260 BTEX,EDC 40mlAmb-HCl

8260 PCE,TCE,VC 40mlAmb-HCl

EDB 8011 40mlClr-NaThio

NWTPHDX no silica 40mlAmb-HCl-BT

NWTPHGX 40mlAmb HCl

Total Lead 6010 250mlHDPE-HNO3

Chain of Custody

Page 1 of 1


PEOPLE ADVANCING SCIENCE

MT JULIET, TN
12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at:
<https://info.pacelabs.com/hubfs/pas-standard-terms.pdf>

SDG # **479 8588**
K217

LEIDOSBWA

Template: **T239673**

Prelogin: **P1110503**

PM: **110 - Brian Ford**

PB:

Shipped Via:

Remarks

Sample # (lab only)

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	8260 BTEX,EDC 40mlAmb-HCl	8260 PCE,TCE,VC 40mlAmb-HCl	EDB 8011 40mlClr-NaThio	NWTPHDX no silica 40mlAmb-HCl-BT	NWTPHGX 40mlAmb HCl	Total Lead 6010 250mlHDPE-HNO3
OE-5-W-241110	Grab	GW	NA	11-10-24	1240	6	X				X	
OE-6-W-241110		GW		11-10-24	1340	6	X				X	
OE-7-W-241110		GW		11-10-24	1230	6	X				X	
OE-8-W-241110		GW		11-10-24	1300	6	X				X	
OE-9-W-241110		GW		11-10-24	1210	6	X				X	
OE-10-W-241110		GW		11-10-24	1330	6	X				X	
OE-11-W-241110		GW		11-10-24	1150	6	X				X	
OE-12-W-241110		GW		11-10-24	1115	6	X				X	
11-11-24						3						

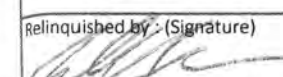
* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:
Fed Ex 4047 5441 6234

Samples returned via:
☐ UPS ☒ FedEx ☐ Courier

Tracking # **4047 5441 6234**

pH Temp
Flow Other

Relinquished by: (Signature)


Date:
11-11-24

Time:
1430

Received by: (Signature)

Trip Blank Received: Yes/No
HCL/MeOH
TBR

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

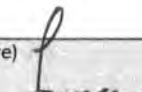
Temp: °C Bottles Received: **MSA 95.0 ± 0.5.0 46**

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)


Date: **10/12/24** Time: **0900**

Hold:

Condition:
NCE / OK

Sample Receipt Checklist

COC Seal Present/Intact: ☒ Y ☐ N

COC Signed/Accurate: ☒ Y ☐ N

Bottles arrive intact: ☒ Y ☐ N

Correct bottles used: ☒ Y ☐ N

Sufficient volume sent: ☒ Y ☐ N

If Applicable

VOA Zero Headspace: ☒ Y ☐ N

Preservation Correct/Checked: ☒ Y ☐ N

RAD Screen <0.5 mR/hr: ☒ Y ☐ N

11/12/24 - NCF L1798588 LEIDOSBWA

R5

Time estimate: oh

Time spent: oh

Members

- MS

Matthew Shacklock (responsible)

BF

Brian Ford

- ☒ Login Clarification needed
- ☐ Chain of custody is incomplete
- ☐ Please specify Metals requested
- ☐ Please specify TCLP requested
- ☐ Received additional samples not listed on COC
- ☐ Sample IDs on containers do not match IDs on COC
- ☐ Client did not "X" analysis
- ☐ Chain of Custody is missing
- ☐ If no COC; Received by: _____
- ☐ If no COC; Date/Time: _____
- ☐ If no COC; Temp./Cont.Rec./pH: _____
- ☐ If no COC; Carrier: _____
- ☐ If no COC; Tracking #: _____
- ☐ Client informed by call
- ☒ Client informed by Email
- ☐ Client informed by Voicemail
- ☐ Date/Time: _____
- ☒ PM initials: _____bjf_____
- ☐ Client Contact: _____

Comments

Matthew Shacklock	12 November 2024 2:32 PM
Received broken vials for the following IDs: OE-9 1 vial. Enough sample volume remains OE-12 3 vials. Enough sample volume remains.	
Brian Ford	12 November 2024 2:43 PM
proceed with remaining containers	
Matthew Shacklock	12 November 2024 3:21 PM
Done	