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CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY

DRAFT CLEANUP ACTION PLAN

Cowlitz Food & Fuel

101 Mulford Road

Toledo, Washington

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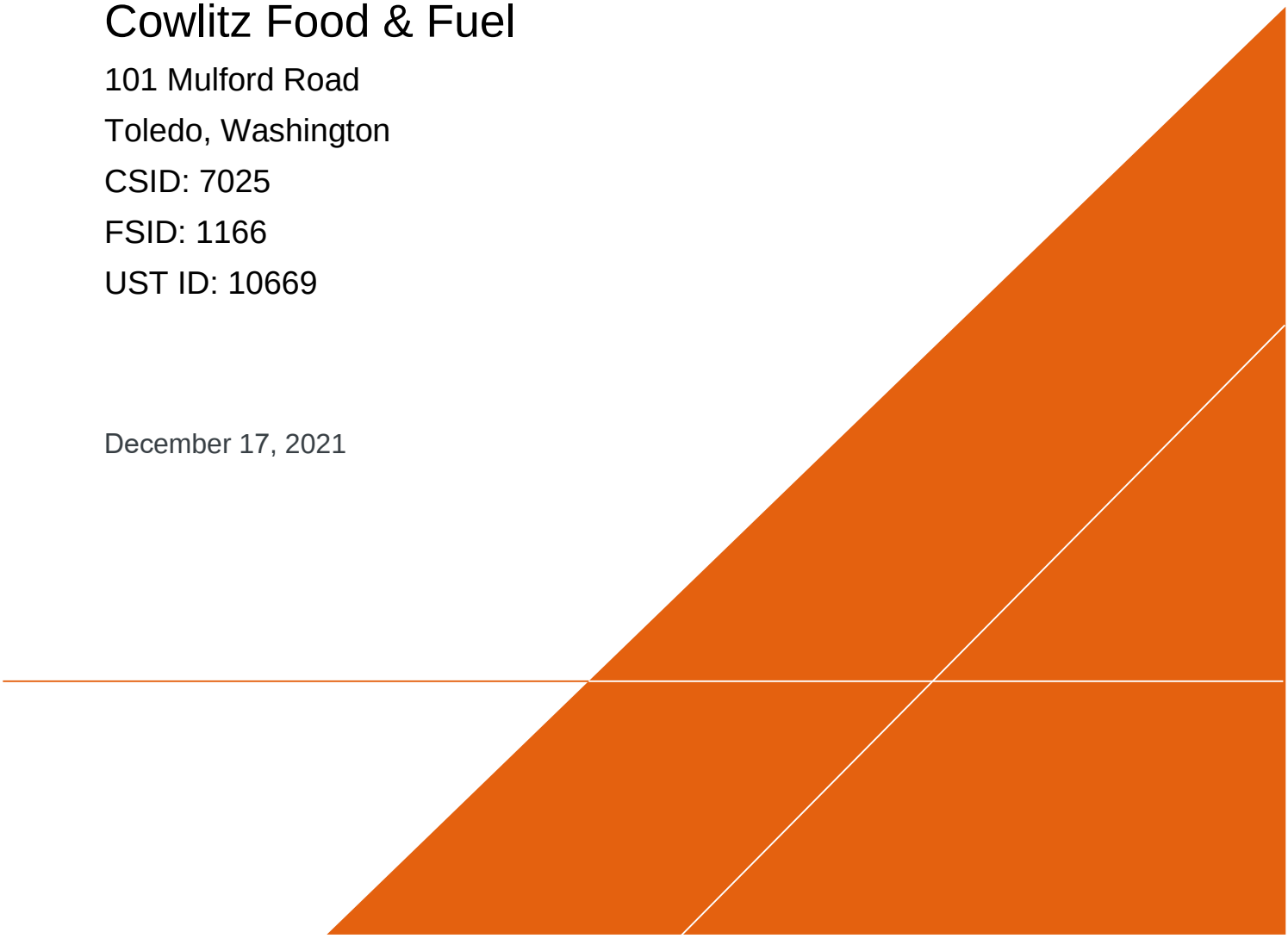
December 17, 2021



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101 Mulford Road

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ACRONYMS AND ABBREVIATIONS

AO	Agreed Order
Arcadis	Arcadis U.S., Inc.
AST	aboveground storage tank
bgs	below ground surface
CEMC	Chevron Environmental Management Company
COC	constituent of concern
cPAH	carcinogenic polycyclic aromatic hydrocarbon
CSID	Cleanup Site Identification Number
CSL	cleanup screening level
CSM	conceptual site model
CUL	cleanup level
DCA	disproportionate cost analysis
DRO	diesel range organics
Ecology	Washington State Department of Ecology
EIMS	Environmental Information Management System
FSID	Facility Site Identification Number
GRO	gasoline range organics
HRO	heavy oil range organics
kg	kilogram
LNAPL	light non-aqueous phase liquid
mg/kg	milligrams per kilogram
MNA	monitored natural attenuation
MTCA	Model Toxics Control Act
PAH	polycyclic aromatic hydrocarbon
PCB	polychlorinated biphenyl
POC	point of compliance
PVC	polyvinyl chloride
REL	remediation level
RIWP	Remedial Investigation Work Plan
ROI	radius of influence
site	Cowlitz Food & Fuel located at 101 Mulford Road in Toledo, WA

SVE	soil vapor extraction
TEE	terrestrial ecological evaluation
TPH	total petroleum hydrocarbons
UST	underground storage tank
VOC	volatile organic compound
WAC	Washington Administrative Code
µg/kg	micrograms per kilogram
µg/L	micrograms per liter

EXECUTIVE SUMMARY

This document presents the Draft Cleanup Action Plan (DCAP) for the Cowlitz Food & Fuel Site located at 101 Mulford Road in Toledo, WA (site). This DCAP has been prepared to meet the requirements of the Model Toxics Control Cleanup Act (MTCA) administered by Ecology under chapter 173-340 of the Washington Administrative Code (WAC). This DCAP describes the proposed cleanup action for the site and sets forth the requirements that the cleanup must meet.

An active gasoline service station has occupied the site since 1955. Soil and groundwater impacts have resulted from releases from underground storage tanks (USTs) and ancillary piping and fuel-distribution systems.

Cleanup levels were established for contaminants present in soil and groundwater. Soil cleanup levels are based on protection of human health from direct contact with soil and protection of ecological receptors. Groundwater cleanup levels are based on the highest beneficial use and reasonable maximum exposure under both current and future land use at the site.

The selected cleanup action includes excavation in conjunction with UST system upgrades, institutional controls, and monitored natural attenuation. Soil excavation will be coordinated with the current property owner to be performed concurrently with their upgrade work. Additional details regarding the excavation will be provided in an Engineering Design Report. Groundwater monitoring will continue on a semi-annual basis, and will increase to a quarterly frequency after the excavation is complete.

1 INTRODUCTION

On behalf of Chevron Environmental Management Company (CEMC), who manages environmental matters on behalf of its affiliate, Texaco Downstream Properties Inc. (TDPI), Arcadis U.S., Inc. (Arcadis) prepared this Draft Cleanup Action Plan (DCAP) for the Cowlitz Food & Fuel Site located at 101 Mulford Road in Toledo, WA (site). Cleanup of the site will be conducted under Agreed Order (AO) No. DE 5236 with the Washington State Department of Ecology (Ecology), effective March 1, 2010. This DCAP was prepared as requested by Ecology in a letter dated November 18, 2021 following review of the September 2, 2021 Revised Feasibility Study Report (Revised FS). The letter is included in Appendix A.

The site is also known as Cowlitz BP, or Former Texaco Service Station No. 211556, and is identified by the Ecology Toxics Cleanup Program as Facility Site ID No. 1166. This DCAP is focused solely on this active service station; the inactive service station located south across Mulford Road is not included. More information on the history of these two stations is presented in Section 2.2.

The purpose of the DCAP is to identify the proposed cleanup action to address residual petroleum hydrocarbon contamination in soil and groundwater at the site, which resulted from the past service station operations.

The DCAP includes the following sections:

Section 2. Background. This section describes the site and provides the site history and a summary of previous environmental investigations.

Section 3. Cleanup Standards – This section describes cleanup standards for each contaminant of concern

Section 4. Nature and Extent of Contamination – This section describes the residual soil and groundwater contamination at the site.

Section 5. Cleanup Action: This section describes the proposed cleanup action

Section 6. Compliance Monitoring: This section describes the proposed soil and groundwater data collection to show compliance with site cleanup standards

Section 7. Proposed Schedule for Implementation – This section proposes a schedule for implementation of the cleanup action and continuing compliance monitoring.

Section 8. Public Participation – This section describes public participation in the cleanup process

2 BACKGROUND

This section describes the site and summarizes historical activities conducted.

2.1 Site Description

The site is located east of Interstate 5, off the Vader-Ryderwood exit, near the intersection of Cowlitz Ridge Road and Mulford Road, in Lewis County, Washington (Figure 1). The site is comprised of three land parcels (Figure 2). An operating gasoline service station with mini-mart (currently branded as “Shell”) and a restaurant (Mrs. Beesley’s) are located on the two parcels north of Mulford Road (Lewis County Assessor Parcel Numbers [APNs] 012429003001 and 012429004000, currently owned by Candid Travel Center Land LLC). This portion of the site will hereafter be referred to as the “active station.” The third parcel (APN 012429002001, currently owned by Mr. Charles Vineyard), which is located south of Mulford Road, was formerly the location of another gasoline service station (hereafter “inactive station”). This portion of the site was generally vacant since approximately 1994. However, a drive-thru espresso stand (Ami Rae’s Espresso & More) has been operating on this portion of the site since approximately 2016.

The presence of petroleum contamination was formerly confirmed at both locations. They were combined into the Cowlitz BP Site by Ecology, in part due to their previously common property ownership.

2.2 Site History

The properties comprising the site were originally purchased by Mr. Frank Vineyard (deceased) as a single tax lot, which was originally used for farming. In 1955, the original lot was subdivided and several of the subdivided lots were leased.

2.2.1 Active Station Operating History

The active station property was initially leased to the Texas Oil Company (Texaco) in 1955. Texaco constructed a service station building and installed the original underground storage tanks (USTs) and piping. A leak in a product delivery line was repaired by Texaco in April 1977. It is estimated that this leak resulted in a loss of approximately 2,296 gallons of gasoline.

The ownership interests in the improvements passed to Olson Brothers Garage, Inc. in 1980 and then to West Coast Oil Company in 1985. Ron and Sheri Smith (the Smiths) purchased the active station property improvements from West Coast Oil in 1986. In March 1990, four USTs and associated piping were removed and replaced with new fiberglass tanks and piping. During this process, petroleum contaminated soil was discovered and reported to Ecology.

In 2004, the active station improvements were sold to Tri-Tex Oil Company of Castle Rock, Washington.

The active station property and improvements were sold to the current owner and operator (Candid Travel Center Land LLC) in 2019.

2.2.2 Inactive Station Operating History

The inactive station property was originally leased to General Petroleum Corporation in May 1955. In 1978, the property was leased by Olson Brothers Garage, Inc. and was occupied until 1984 by a Mobil service station and a small restaurant. After 1984, the station ceased operation and the above-ground infrastructure was subsequently demolished. In 1994, this property was reportedly being used as a sales lot for manufactured homes. The property was vacant since the mid-1990s; however, a drive-thru espresso stand (Ami Rae's Espresso & More) has operated on this property since approximately 2016.

2.3 Site Regulatory History and Environmental Investigations

The presence of petroleum contamination at the site was first documented during UST upgrades performed at the active station in March 1990. Soil samples collected during this event contained gasoline-range organics (GRO) at concentrations up to 6,300 mg/kg. Approximately 1,000 cubic yards of petroleum contaminated soil was reportedly excavated from the UST basin and treated on-site via aeration (Cowlitz Clean Sweep, 1990).

During February 1991, four groundwater monitoring wells (B-1, B-2, B-3, and B-4) were installed at the active station. Soil samples collected from the borings did not contain petroleum constituents at concentrations exceeding MTCA Method A cleanup standards; however, groundwater samples from the wells did contain GRO and benzene, toluene, ethylbenzene and xylenes (BTEX) at concentrations exceeding MTCA Method A cleanup standards (SECOR International Incorporated [SECOR], 1999).

In April 1991, Ecology issued Enforcement Order No. DE 91-S123 to Mr. Frank Vineyard. The Enforcement Order required that a Remedial Investigation/ Feasibility Study (RI/FS) be performed for both the active and inactive station properties, and that the USTs at the inactive station property be removed as part of the RI/FS work activities.

Removal of the inactive station USTs was reportedly performed in January 1992. Two 6,000-gallon gasoline USTs and one 300-gallon used-oil UST were removed. Soil samples collected during the tank removal activities indicated the presence of GRO and diesel-range organics (DRO) at concentrations exceeding MTCA Method A cleanup standards. Approximately 300 cubic yards of petroleum contaminated soil were removed from the UST excavation and stockpiled on the property.

Remedial investigation field activities were performed at the site in February and March 1992. A total of five soil borings were advanced and nine groundwater monitoring wells (MW-101 through MW-109) were installed to assess the extent of soil impacts at the active station, and groundwater impacts throughout the site. None of the soil samples collected contained petroleum constituents at concentrations exceeding MTCA Method A cleanup standards; however, groundwater samples collected indicated the presence of GRO and BTEX in the vicinity of both the active and inactive station portions of the site (SECOR, 1999).

The original RI/FS report was completed in 1993 and a draft Cleanup Action Plan (1994 CAP) was prepared and released for public comment in May 1994. The selected cleanup alternative identified in the 1994 CAP consisted of excavating remaining contaminated soil for treatment on-site using bioremediation, followed by groundwater remediation by a pump and treat system that would re-inject treated groundwater through two infiltration trenches. However, this cleanup action was never

implemented due to unauthorized actions on the inactive station property and a request by Mr. Vineyard that additional potentially liable parties (PLPs) be named by Ecology.

In October 1994, TDPI and the Smiths were named as PLPs. At the request of the PLPs, Ecology allowed additional remedial investigation activities to be performed, and a re-evaluation of the selected cleanup approach that had been presented in the 1994 CAP. This work was performed pursuant to AO Nos. DE S361, S362, and S368, which were issued by Ecology in May 1995.

In August 1995, a supplemental investigation was performed by SECOR, on behalf of TDPI, to further assess the extent of petroleum impacts at the site. The supplemental investigation included the collection of 21 groundwater grab samples, installation of 10 additional groundwater monitoring wells (MW-110 through MW-119), and subsequent monitoring and sampling of all newly installed and existing wells. The conclusions of the supplemental investigation were that the groundwater plume was not as extensive as previously believed, and that groundwater impacts were primarily confined to the areas around the former UST basins at the active and inactive station locations. Furthermore, the groundwater plume did not appear to be migrating or increasing in size (SECOR, 1995).

Following completion of the supplemental investigation, additional investigation was performed to assist in the evaluation of a new cleanup approach for the site. This included vapor extraction pilot testing, which was performed in August 1996 (SECOR, 1996) and intrinsic bioremediation sampling, which was part of the 1996 groundwater monitoring and sampling program at the site (SECOR, 1997). Results of the vapor extraction pilot testing indicated relatively low volatile hydrocarbon removal rates (8 to 18 pounds per day at startup) and suggested additional pilot testing to facilitate design of a full-scale remediation system. Results of the intrinsic bioremediation sampling suggested that intrinsic biodegradation of petroleum hydrocarbons appeared to be occurring at the site, and that the groundwater contaminant plume appeared to be in a relatively steady state, where hydrocarbons provided by the source, dispersed and coalesced into a plume that was then degraded.

In August 1999, an updated CAP (1999 CAP) was submitted for the site. The 1999 CAP identified enhanced in-situ biodegradation as the selected cleanup remedy for petroleum contaminated soil and groundwater at the site (SECOR, 1999). In May 2001, Ecology issued AOs DE00 TCPSR-297, -298, and -299 to implement the 1999 CAP.

In June 2001, a Cleanup Work Plan for the site was submitted, which included introducing oxygen to groundwater by placing oxygen release compound (ORC®) into soil borings, installing a product recovery canister into monitoring well MW-111, and continuing groundwater monitoring. Soil boring installation for ORC® placement was performed in July 2001. Although 50 borings were originally proposed, only 37 borings were reportedly completed due to difficult drilling conditions. The ORC® borings were generally placed in proximity to, or immediately upgradient of, monitoring wells B-3, B-4, MW-101, MW-110, MW-111, and MW-115.

In May 2004, SAIC submitted a report summarizing an evaluation of groundwater data that was performed to determine the effectiveness of the 2001 ORC® application. The evaluation concluded that water-quality improvements had begun prior to the ORC® application, and that the ORC® application did not appear to have been effective, except perhaps very locally. This report further indicated that other remedial strategies were being considered to aid in further reductions of hydrocarbon concentrations at the site (SAIC, 2004a).

In November and December 2004, an additional investigation was performed to further delineate the extent of soil impacts at the site. One soil boring (SB-1) was completed at the inactive station, in the vicinity of MW-101, and seven soil borings (SB-2 through SB-8) were completed at the active station, in the vicinity of MW-111. On the inactive station property, SB-1 was installed to collect additional soil data within the area of the former UST basin. On the active station, borings SB-2 though SB-8 were completed to develop a greater understanding of the soil contaminant distribution in the vicinity of MW-111, which routinely contained petroleum light non-aqueous phase liquid (LNAPL) at that time. Results of this investigation suggested that impacts from the active station did not appear to have migrated onto the inactive station portion of the site (SAIC, 2004b).

In December 2004, SAIC submitted a letter report that presented the preliminary results of the November/December 2004 soil sampling activities and also discussed possible remedial alternatives to achieve the cleanup objectives for the site. The letter concluded that excavation followed by natural attenuation would have the highest likelihood of success and provide the shortest remedial time frame. The letter further specified that a new CAP would be completed for the site (SAIC, 2004b).

In 2006, at the request of Ecology, a revised draft CAP (2006 DCAP) was prepared for the site and submitted to Ecology for review. The 2006 DCAP identified the following cleanup actions, which were selected by Ecology and CEMC, for the site:

- Active station – Institutional controls and surface paving for containment of contaminated soil, monitored natural attenuation of soil and groundwater, and long-term monitoring.
- Inactive station – Excavation, monitored natural attenuation of groundwater, and long-term monitoring.

Comments on the 2006 DCAP were provided by Ecology in a letter dated November 2, 2006. Among the comments, Ecology indicated that an alternative evaluation for the active station property would not be complete without considering two additional options: 1) complete excavation of contaminated soil, and 2) hot-spot excavation and removal. However, the 2006 DCAP was never finalized because on December 29, 2006, Ecology provided notice to SAIC and the PLPs that preparation of the final CAP should be delayed until a new AO could be prepared for the site.

The new AO (No. DE 08 TCPSR-5236) became effective on March 1, 2010 and fully superseded and replaced AOs DE-00TCPSR-297, -298, and -299. The new AO required that TDPI perform the following:

1. Prepare a new FS for the site
2. Continue performing groundwater monitoring at the site
3. Prepare a DCAP according to the requirements of WAC-173-340-380
4. Prepare an Interim Action Work Plan and conduct an Interim Action consisting of the removal of residual contaminated soil associated with the former diesel UST at the active station and the USTs at the inactive station.

SAIC submitted an Interim Remedial Action (IRA) Work Plan for the site, which was approved by Ecology on August 17, 2010. In accordance with the approved IRA Work Plan, SAIC completed the proposed active station diesel UST excavation (Excavation 1) and inactive station excavation (Excavation 2) in October 2010. Confirmation soil sampling results indicated that each of the excavations were successful

in removing soils containing petroleum contaminants above cleanup levels in the vadose zone; however, excavation bottom samples indicated that petroleum contamination in excess of cleanup levels remained in the saturated zone at the base of each excavation. Approximately 700 pounds of ORC® were placed in the bottom of Excavation 1, and approximately 1,300 pounds of ORC® were placed in the bottom of Excavation 2, in order to enhance natural attenuation of the inaccessible petroleum contamination that was left in place. Additional details regarding implementation of the Interim Action were presented in SAIC's Final- Interim Remedial Action Report, dated April 14, 2011.

SAIC submitted a draft FS to Ecology on February 8, 2011. The draft FS identified monitored natural attenuation (MNA) as the proposed cleanup action for the site. Ecology provided comments on the draft FS, by letter dated April 15, 2011, which requested additional details regarding the alternatives proposed and a re-evaluation of the scoring used to rank the alternatives. Ecology also disagreed with the conclusions presented in the draft FS regarding the elimination of a soil and/or groundwater to vapor exposure pathway.

In response to Ecology's comments on the draft FS, SAIC prepared a work plan to perform supplemental assessment at the site, which was approved by Ecology on September 7, 2011. Field activities were performed in October 2011, which included installation of four shallow soil-vapor sampling probes (SVSP-1 through SVSP-4), and installation and sampling of one new monitoring well (MW-120). The soil-vapor sampling probes were installed on the active station portion of the site in order to evaluate the potential of a vapor intrusion risk to the service station building and/or Mrs. Beesley's restaurant. Monitoring well MW-120 was installed on the inactive station property, to replace MW-101, in order to evaluate groundwater conditions in the vicinity of Excavation 2. Soil-vapor samples were collected from the probes in December 2011. Results of the soil-vapor sampling indicated that benzene was present at one of the four sampling locations (SVSP-2) at a concentration exceeding Ecology's then-current draft soil-gas screening level. Subsequent modeling of the sampling results predicted that current conditions at the site would not result in indoor air conditions that would create a health risk based on an adult worker exposure scenario, but that further vapor intrusion assessment may be warranted if site use changed in the future.

Soil sampling results from installation of monitoring well MW-120, and subsequent groundwater sampling results from this well did not detect the presence of petroleum contamination at this location. Additional details regarding these assessment activities were presented in SAIC's Draft – Supplemental Site Assessment Summary Report (SAIC, 2012a), which was approved by Ecology by letter dated September 4, 2012.

Following submittal of the Supplemental Site Assessment Summary Report, SAIC prepared a revised FS for the site, which was submitted to Ecology on October 31, 2012 (2012 Draft FS). The 2012 Draft FS identified Alternative 2 (partial excavation, MNA, and institutional controls) or Alternative 4 (MNA, institutional controls, and future property-wide excavation in conjunction with service station upgrades or redevelopment) as the preferred cleanup action for the site. Ecology provided comments on the 2012 Draft FS by letter dated February 25, 2013. Based on their evaluation of the cleanup alternatives presented, Ecology identified Alternative 3 (partial excavation, air sparge/SVE, MNA, and institutional controls) as the preferred remedial alternative.

In response to Ecology's comments on the 2012 Draft FS, CEMC requested a meeting with Ecology to further discuss the evaluation of cleanup alternatives. Representatives of Ecology, CEMC, and SAIC met

to discuss a path forward strategy for the site on May 22, 2013. The CEMC/SAIC project team suggested that the costs of Alternative 3 were disproportionate to the benefit offered, and that this aggressive remedial action was not warranted due to the limited extent of contamination remaining at the site and the low risk for exposure to human or ecological receptors. Ecology indicated that insufficient data was available to confirm CEMC's position regarding the site but agreed to delay completion of the FS to conduct further assessment of the site, specifically collection of current soil sampling data and performance of an assessment to evaluate natural attenuation processes presumed to be occurring in groundwater.

On July 30, 2013, SAIC submitted a work plan to complete soil sampling and natural attenuation assessment activities at the site (SAIC, 2013). The objectives of the assessment were to evaluate current petroleum hydrocarbon concentrations in soil on the active station portion of the site and underlying the 2010 interim remedial action excavation areas, and to evaluate natural attenuation processes in groundwater that were believed to be responsible for ongoing reductions in dissolved-phase petroleum contamination on the active station property. Following receipt of Ecology comments on the draft work plan, provided by letter dated August 21, 2013, SAIC submitted a final work plan on September 25, 2013. The final work plan was conditionally approved by Ecology by letter dated October 2, 2013.

Field activities associated with the soil sampling portion of the work plan were completed by Leidos in November 2013, and the results were presented in Leidos' Soil Sampling Assessment Summary Report, dated March 28, 2014. Based on the results of the soil sampling assessment, Leidos concluded that the lateral and vertical extent of impacted soil at the site may be decreasing in response to ongoing natural attenuation. However, results of the soil sampling activities also confirmed the presence of shallow soil contamination at the site that was not consistent with a UST release. Based on these data, as well as observations of petroleum sheens in rainwater at the site, Leidos concluded that shallow soil contamination at the site was likely the result of past and on-going surface releases that have occurred in association with the operation of the active service station. In the areas of the former 2010 IRA excavations, confirmation soil sampling results found evidence of GRO at concentrations above the MTCA Method A cleanup level in both of the samples collected at 10.5 feet bgs in the area of Excavation 1. GRO was also detected in the sample collected at 10 feet bgs from the area of Excavation 2; however, at a concentration below the Method A cleanup level.

On October 29, 2015, Leidos submitted a report to Ecology presenting the results of natural attenuation assessment activities for groundwater performed for the site. The report included an evaluation of all available historical groundwater sampling results for the site, as well as an evaluation of geochemical indicator data collected from 11 monitoring wells during quarterly sampling performed from September 2013 through August 2015. Based on this evaluation, Leidos concluded that conditions at the site were appropriate to consider use of natural attenuation as a cleanup alternative for petroleum contaminated groundwater at the site, and that due to a lack of complete exposure pathways from impacted groundwater to human or ecological receptors, there would be little if any benefit realized from a more active cleanup strategy. However, the conclusions drawn by the natural attenuation assessment were based on an assumption that land use at the site would remain unchanged during the estimated restoration timeframe presented in the report (approximately 33 years). Leidos further stated that future land use changes at the site would have the potential to create complete exposure pathways or

opportunities for cost-effective remedial actions that could be implemented during property redevelopment or service station upgrades.

Ecology accepted the Natural Attenuation Assessment for Groundwater report as the Draft Final version (pending eventual public comment) by letter dated March 1, 2017. The letter also stated that by accepting the report, Ecology was concluding completion of the additional assessment work proposed by CEMC in June 2013. Therefore, preparation and submittal of a revised draft FS by CEMC to Ecology was the next step required under the terms of the AO for the site.

On April 28, 2017, Leidos submitted the Revised Agency Review Draft Feasibility Study Report (draft FS) for Ecology review. The draft FS included an evaluation of available historical groundwater sampling results collected from the 11 monitoring wells during quarterly sampling performed from September 2013 through August 2015 as well as additional assessment work performed during this time period. Based on the evaluation, Leidos concluded that conditions at the site were appropriate to consider use of natural attenuation as a cleanup alternative for petroleum contaminated groundwater at the site (Leidos 2017).

On April 3, 2019, Ecology, CEMC, Arcadis, Leidos, and the property owner at that time, Mr. Charles Vineyard, met to discuss the current site status and the path forward for the site. As discussed during this meeting, routine semi-annual groundwater monitoring and sampling activities were continued as planned. The active station property and improvements were sold to the current owner and operator (Candid Travel Center Land LLC) in December 2019.

On August 20, 2020, Ecology provided comments on the draft FS. A revised draft FS was submitted on November 16, 2020, and following Ecology comments the Revised FS was submitted on September 2, 2021. Ecology approved the Revised FS and the selection of Alternative 4, which includes excavation in conjunction with station upgrade work, institutional controls, and MNA, as described in Section 6 of this DCAP. In a letter dated November 18, 2021, Ecology accepted the Revised FS as the public review draft version and requested a DCAP within 30 days.

2.4 Site Geology and Hydrogeology

Geologic interpretations of the site vicinity developed by the United States Geological Survey (USGS) indicate that Quaternary alluvial deposits of silt, sand, and gravel associated with the Cowlitz River are characteristic of the area. The alluvial deposits are bounded by outwash deposits of sand and gravel interbedded with silt and clay associated with the Fraser glaciation of the Cascade Mountains. Shallow groundwater within these deposits generally discharges into the Cowlitz River (SECOR, 1999).

Data collected during subsequent site investigation and cleanup actions has been consistent with the USGS interpretation of the regional geology. Generally, the site exhibits the characteristics of gravelly alluvial material with interbedded layers of sand and silt. Site data collected during drilling activities, and during the IRA excavations, indicated that the site is underlain by sandy gravel and gravelly sand with cobbles, with varying percentages of silt. This upper stratum varies in thickness from approximately 10 feet to at least 18.5 feet and serves as a shallow aquifer in the vicinity of the site. A clay layer of undetermined thickness has been identified beneath the sand and gravels in many of the soil borings completed at the site, and it is believed to act as a confining bed to the overlying shallow aquifer.

Depth to water measurements collected at the site indicate the water table is approximately 7 to 8 feet bgs, with a 2-foot seasonal fluctuation across the site.

Groundwater has been observed to flow in the southeast direction, toward the Cowlitz River. A river terrace, 15 feet lower than the site elevation, is located approximately 500 feet southeast of the site. Shallow groundwater has been observed discharging through springs and seeps along the bank above this terrace. A groundwater potentiometric map, based on groundwater elevation data collected during the November 2016 groundwater monitoring event, is included as Figure 3.

3 SITE CLEANUP STANDARDS

3.1 Contaminants of Concern

MTCA defines a contaminant as “any hazardous substance that does not occur naturally or occurs at greater than natural background levels.” Contaminants of concern (COCs) include those hazardous substances that are known to be present at a site, or which are suspected to be present based on information regarding the nature of a known release or past operations at a site. Sampling data from past environmental investigations and cleanup actions have confirmed the presence of the following COCs for each of the impacted media at the site:

Contaminants of Concern	Soil	Groundwater
Gasoline Range Organics (GRO)	X	X
Diesel Range Organics (DRO)	X	X
Heavy Oils (HRO)	X	X
Benzene	X	X
Toluene	X	X
Ethylbenzene	X	X
Xylenes (Total)	X	X
Lead	X	X
Carcinogenic polycyclic aromatic hydrocarbons (cPAHs)	X	

3.2 Potential Exposure Pathways and Receptors

MTCA [WAC 173-340-200] defines an exposure pathway as “the path a hazardous substance takes or could take from a source to an exposed organism. An exposure pathway describes the mechanism by which an individual or population is exposed or has the potential to be exposed to hazardous substances at or originating from a site.”

Potential sources of hazardous substances at the site are petroleum contaminated soil and groundwater.

3.2.1 Soil

Contaminated soil has the potential to serve as a source of hazardous substance exposure through the following exposure pathways:

Potential Exposure Pathways – Contaminated Soil	
Potential Soil Exposure Pathway/Scenario	**Applicability**
Ingestion of, or dermal contact with, contaminated soil	**Risk to future workers -** The area of soil impacted by COCs at the site is covered by pavement or service station infrastructure on the active station property, or is located at a depth of approximately 10 – 12 feet bgs in the area of Excavation 1. Therefore, the current potential for ingestion or dermal contact is significantly limited. However, potential ingestion or direct contact exposures are possible for future workers performing excavation, site assessment, or subsurface utility work at the site.
Inhalation of hazardous vapors and/or airborne particulates (i.e., dust) in outdoor air	**Potential risk to future workers –** Volatilization of hazard substances or dust from contaminated soil may create an inhalation exposure pathway for future workers performing excavation, site assessment, or subsurface utility work at the site.
Inhalation of hazardous substances that have volatilized from contaminated soil and migrated to indoor air	**Potential risk to future residents or future workers –** Results of 2011 supplemental site assessment activities indicated that current conditions at the site did not pose a vapor intrusion risk, based on an adult worker exposure scenario. However, there is potential for a complete vapor intrusion exposure pathway if land use changes at the site in the future.
Contamination of groundwater by hazardous substances leaching from soil	**Risk to future residents or future workers -** Soil contamination in contact with groundwater has resulted in concentrations of dissolved-phase petroleum contamination in groundwater (see section 3.2.2).

3.2.2 Groundwater

Contaminated groundwater has the potential to serve as a source of hazardous substance exposure through the following exposure pathways:

Potential Exposure Pathways – Contaminated Groundwater	
Potential Groundwater Exposure Pathway/Scenario	**Applicability**
Ingestion of contaminated groundwater	**Risk to current and future residents and workers –** Three drinking-water wells are currently located within ¼ mile of the site, with the closest well located approximately 500 feet northwest across Interstate 5. None of the wells are located down-gradient of the site. Potential future residential development could include the installation of drinking-water wells on the site or at down-gradient locations. Potential exposures could also occur during future site redevelopment construction or during underground utility work.
Dermal contact with contaminated groundwater	**Risk to future workers -** Groundwater is typically located at a depth of approximately 6 to 10 feet bgs. Therefore, the current potential for dermal contact is significantly limited. However, dermal contact exposures are possible for workers during future site redevelopment or utility work.
Contamination of surface water by hazardous substance	**Eliminated -** Groundwater from the site is believed to eventually discharge to the Cowlitz River (approximately ¼ mile south of the site). However,

migration through groundwater	groundwater data from the site indicate that the dissolved-phase petroleum contaminant plume is contained onsite, is not migrating, and appears to be attenuating by naturally occurring degradation processes. Therefore, surface water is not considered to be a receptor of concern.
Inhalation of hazardous vapors in outdoor air	**Potential risk to future workers –** Volatilization of hazard substances from contaminated groundwater may create an inhalation exposure pathway for future workers performing excavation, site assessment, or subsurface utility work at the site.
Inhalation of hazardous substances that have volatilized from contaminated groundwater and migrated to indoor air	**Potential risk to future residents or future workers –** Results of 2011 supplemental site assessment activities indicated that current site conditions did not pose a vapor intrusion risk, based on an adult worker exposure scenario. However, there is potential for a complete vapor intrusion exposure pathway if land use changes at the site in the future.

3.2.3 Soil Vapor

An operating gasoline service station with mini-mart and a restaurant are currently located on the site. Based on the 2011 soil vapor sampling and modeling, conditions at the site would not result in indoor air health risk based on an adult worker exposure scenario. Further vapor intrusion assessment may be warranted if site use changed in the future.

3.3 Terrestrial Ecological Evaluation

In addition to an evaluation of potential human health risks, MTCA [WAC 173-340-7490] requires that a Terrestrial Ecological Evaluation (TEE) be completed to determine whether a release of hazardous substances to soil may pose a threat to the terrestrial environment, and if so, to establish site-specific cleanup standards for the protection of terrestrial plants and animals.

Conditions at and adjacent to the site are not such that require performance of a site-specific TEE. Therefore, a simplified TEE was conducted, as set forth in WAC 173-340-7492. Due to the area of contiguous undeveloped land within 500 feet of any area of the site (greater than 4 acres), it was determined that conditions at the site had the potential to pose a threat of significant adverse effects to terrestrial ecological receptors. Therefore, cleanup levels based on the protection of ecological receptors, as listed in MTCA Table 749-2, must be considered in development of the site cleanup standards.

3.4 Soil Cleanup Levels and Points of Compliance

MTCA states that cleanup levels shall be based on the reasonable maximum exposure expected to occur during both current and future land use. By default, MTCA further states that residential land use represents the reasonable maximum exposure. Therefore, cleanup levels must be protective of residential or unrestricted land use. On sites where the cleanup action is routine or may involve relatively few hazardous substances, MTCA allows the use of Method A cleanup levels.

The Method A cleanup levels for soil presented in Table 740-1 (Soil Cleanup Levels for Unrestricted Land Use) of the MTCA Cleanup Regulation (WAC 173-340) are generally applicable to this site; however, as discussed in section 3.3, soil cleanup levels for this site must also consider the potential threat of significant adverse effects to terrestrial ecological receptors. Therefore, the values in Table 749-2 of WAC 173-340 must also be considered when developing soil cleanup levels. For the COCs identified for this

site, only DRO has a Method A cleanup level that must be revised to meet the more stringent cleanup level presented in Table 749-2.

The soil cleanup levels combined with the point of compliance determines the cleanup standard for the site. Under MTCA, the point of compliance is pathway dependent. Potential pathways for exposure to contaminants in the soil are discussed below.

- **Protection of Human Exposure via Direct Contact/Incidental Ingestion**: The point of compliance is in the soils throughout the site to a reasonable estimate of the depth of soil that could be excavated and distributed at the soil surface during site development activities (i.e., ground surface to 15 feet bgs).
- **Protection of Ecological Receptors:** The standard point of compliance is in the soils throughout the site from ground surface to 15 feet bgs (the reasonable depth of soil that could be encountered). MTCA allows the use of a conditional point of compliance set in the soils throughout the site at a depth of 6 feet bgs.
- **Protection of Groundwater:** The point of compliance is throughout the site.

3.5 Groundwater Cleanup Levels and Points of Compliance

MTCA requires that groundwater cleanup levels be based on the highest beneficial use and reasonable maximum exposure under both current and future land use at the site. For groundwater, MTCA specifies that drinking water is the highest beneficial use and that ingestion of drinking water represents the reasonable maximum exposure [WAC 173-340-720]. The Method A cleanup levels for groundwater presented in Table 720-1 (Method A Cleanup Levels for Groundwater) are applicable to this site.

MTCA states that groundwater cleanup levels shall be attained in all groundwater from the point of compliance to the outer boundary of the hazardous substance plume. The standard point of compliance as defined by MTCA is throughout the site from the uppermost level of the saturated zone extending vertically to the lowest depth that could potentially be affected by the site. Therefore, the point of compliance is throughout the site.

3.6 Summary of Proposed Cleanup Standards

Per MTCA, cleanup standards establish the concentrations of hazardous substances that are protective of human health and the environment (cleanup levels), and the location on the site where those cleanup levels must be attained (points of compliance). The following table presents the proposed cleanup standards that have been developed for the site.

Media	Point of Compliance	GRO	DRO	HRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	Lead	Benzo(a) pyrene (cPAHs)
Soil (mg/kg) (0 – 6 ft bgs)	Entire Site	30	460	2,000	0.03	7	6	9	220	0.1
Soil (mg/kg)	Entire Site	30	2,000	2,000	0.03	7	6	9	220	0.1

(6 – 15 ft bgs)										
Groundwater (micrograms per liter)	Entire Site	800	500	500	5	1,000	700	1,000	15	N/A

Notes: 1. Cleanup levels are a conditional point of compliance subject to the requirements in WAC 173-340-7490(4).
2. cPAHs are not considered COCs for groundwater at the site.

The cleanup levels presented above are derived from:

- MTCA Table 740-1, Method A soil cleanup levels for unrestricted land use
- MTCA Table 749-2, priority contaminants of ecological concern for sites that qualify for simplified terrestrial ecological evaluation procedure
- MTCA Table 720-1, Method A cleanup levels for groundwater.

Under WAC 173-340-7492(2)(c), MTCA states that no hazardous substance listed in Table 749-2 is, or will be, present in the soil within 6 feet of the ground surface at concentrations higher than the values provided in Table 749-2. The cleanup levels for the COCs in soil between the ground surface and 6 feet bgs were selected using the most stringent criteria in either MTCA Table 740-1 or Table 749-2. For soils deeper than 6 feet bgs, MTCA Method A CULs as listed in MTCA Table 740-1 will be used.

4 NATURE AND EXTENT OF CONTAMINATION

Existing contaminant impacts at the site can be attributed to two discrete source areas. On the active station portion of the site, soil and groundwater impacts have resulted from known releases from the gasoline USTs and ancillary piping and fuel-distribution systems located in the southern portion of that area of the site. An additional source area is also associated with the former location of a diesel-fuel UST that was located east of the active station. The former diesel-fuel UST source area was the focus of Excavation 1, which was performed as part of the 2010 IRA at the site.

Formerly, a third discrete source area for petroleum hydrocarbon contamination in soil and groundwater was present in the vicinity of the former UST basin on the inactive station portion of the site. This source area was the focus of Excavation 2, which was also performed as part of the 2010 IRA. However, confirmation soil sampling results from the 2010 IRA, November 2013 soil sampling assessment, and groundwater sampling results for monitoring well MW-120 indicate that petroleum hydrocarbon impacts are no longer present in this area at concentrations above the proposed cleanup standards for the site.

4.1 Soil

In the southern portion of the active station area, GRO and BTEX have been detected in soil at concentrations above the proposed cleanup levels for the site. Soil impacts in this area have generally been found at depths of 2 to 15 feet bgs and are most predominant within a narrow smear zone near the water table. Horizontal delineation of the extent of soil impacts in this area has been somewhat limited by the active station infrastructure (i.e., USTs, pump islands, and piping) and the proximity of this area to Mulford and Cowlitz Ridge roads. However, soil data from borings installed adjacent to Mulford Road (e.g., SB-18, SB-20 and SB-21) suggest that soil impacts likely extend beneath the roadway.

In the eastern portion of the active station area, soil contamination related to the former diesel UST that was located in this area was partially addressed by the IRA excavation performed in October 2010. Within the vadose zone, soil impacts above the proposed site cleanup levels were removed by excavation (COCs in all sidewall samples were non-detect or less than MTCA Method A CULs). However, samples collected in 2013 from boring locations within the boundary of Excavation 1 (SB-12 and SB-13) contained GRO at concentrations in excess of the proposed cleanup levels for the site.

On the inactive station portion of the site, previous soil impacts related to the former service station UST basin appear to have been addressed by the IRA excavation that was performed in this area in October 2010. Results for soil samples collected in 2013 from soil boring SB-11 were in compliance with the proposed cleanup standards for all COCs for the site. A summary of historical soil analytical data is provided in Table 1, and Figure 4 presents the approximate areal extent of petroleum contaminated soil that is believed to be remaining at the site, and the relevant data used for horizontal delineation. Cross-sections showing both the estimated vertical and horizontal extent of petroleum contaminated soil on the active station property are also included as Figures 5 through 7.

Based on these data, a rough (i.e., “order of magnitude”) approximation of the amount of petroleum contaminated soil remaining in the southern portion of the active station property was developed by assuming that within the estimated area of contaminant impact (approximately 13,500 square feet) that contaminated soil would be present from 5 to 15 feet bgs. The resulting volume of petroleum contaminated soil is estimated to be approximately 5,000 cubic yards.

4.2 Groundwater

As previously presented in the Natural Attenuation Assessment for Groundwater (Leidos 2015) completed by Leidos in October 2015, long-term groundwater sampling results indicate that groundwater conditions throughout much of the site are in compliance with drinking water quality standards. Remaining dissolved-phase petroleum impacts exceeding the proposed site cleanup standards are confined to a small area of the site located immediately downgradient of the active station UST basin and pump islands, which includes the locations of monitoring wells B-3, B-4, and MW-111 (see Figure 8). Within this area, results of the natural attenuation assessment indicated that the dissolved-phase plume was shrinking due to microbial degradation that is occurring in this residual secondary source area.

In monitoring wells B-3, B-4, and MW-111, GRO and DRO have been detected above their proposed site cleanup standards, and HRO is occasionally detected at concentrations in excess of the proposed cleanup standard. Benzene has been in compliance with the proposed cleanup standard at B-3 and B-4 since at least 2009.

A summary of historical groundwater monitoring data from 1991 through 2021 is provided in Table 2.

Groundwater monitoring was conducted semi-annually from 2018 through 2021. The groundwater flow direction has continued to be primarily toward the southeast. In monitoring wells MW-111 and B-4, GRO, DRO and HRO concentrations have exceeded MTCA Method A cleanup levels. Concentrations of GRO and DRO have exceeded MTCA Method A cleanup levels in monitoring well B-3. In monitoring well B-2, the concentration of DRO during the most recent event exceeded the cleanup level; DRO had been primarily non-detect in this well for the previous several years. The reported DRO concentration following

silica gel cleanup was significantly less, and below the cleanup level, indicating that the reported DRO is due, at least partially, to the presence of natural organic material.

5 CLEANUP ACTION

Cleanup action alternatives were evaluated in the Revised FS submitted to Ecology on September 2, 2021. The cleanup action selected (Alternative 4) includes the following components:

- Excavation – an excavation in conjunction with service station upgrades to remove impacted soil
- Institutional Controls – contamination remaining in place will be capped with asphalt
- Monitored natural attenuation – following excavation to remove residual secondary source material, cleanup of site groundwater would be achieved through naturally occurring degradation of the contaminants remaining at the site

5.1 Excavation

Residual petroleum contaminated soil will be permanently addressed by physically removing the impacted soil mass and replacing this material with clean backfill. Contaminated soil will then be transported from the site for disposal at a regulated waste disposal facility.

Excavation will be coordinated with the property owner's planned station upgrades, which we understand includes removal and replacement of the USTs, which would allow an extensive excavation to be performed to remove the majority of the petroleum contamination remaining at the site. An Engineering Design Report (EDR) will be prepared with details regarding the planned excavation work.

Figure 9 shows a preliminary estimate of the area (approximately 11,500 square feet) that would be available for excavation, based on the current understanding of station infrastructure and utilities in this area. It is anticipated that the maximum depth of the excavation would be approximately 12 feet bgs, which would equate to a depth of approximately 2 feet below the seasonal-low water table elevation. Assuming this entire area could be excavated to a depth of 12 feet bgs, and that all soil between 5 and 12 feet bgs was contaminated, it is estimated that approximately 3,000 cubic yards of petroleum contaminated soil could be removed. This would be approximately 60 percent of the total volume of contaminated soil (5,000 cubic yards) that is estimated to be present in this portion of the site (assuming the depth of impacts extends to 15 feet bgs). Cross-sectional views of the anticipated excavation area are included as Figures 10 and 11.

It is anticipated that contaminated soil will remain in saturated soils below approximately 12 feet bgs, or in the vicinity of utilities along the adjacent rights-of-way. Therefore, similar to the previous interim actions, this cleanup action would also include the addition of ORC® or an equivalent product to the bottom of the excavation, to enhance in-situ remediation of impacted groundwater and saturated zone soils remaining after the excavation.

Cleanup Action Conceptual Design Summary

- The property-wide excavation would remove an estimated 3,000 cubic yards (60 percent) of contaminated soil, assuming a best-case excavation scenario.

- An estimated 2,000 cubic yards of contaminated soil would remain following the excavation.
- ORC® or an equivalent product would be used to assist in additional contaminant mass reductions through hydrocarbon destruction in saturated soils that would remain in place below 12 feet bgs.
- The estimated restoration time frame (including post-excavation monitoring) to attain site cleanup levels is 5 to 10 years.

5.2 Institutional Engineering Controls

Institutional controls are measures undertaken to limit or prohibit activities that may interfere with the integrity of a cleanup action, or may result in exposure to hazardous substances at a site.

It is anticipated that contaminated soil would still likely remain in place below the proposed depth of excavation (12 feet bgs) and in the vicinity of existing utilities and adjacent roadways. Potential exposure pathways to any residual impacted soil would be limited by being capped with asphalt or concrete, and restrictions to limit the use of the property.

5.3 Monitored Natural Attenuation (MNA)

Any contamination in groundwater remaining subsequent to the excavation will continue to undergo naturally occurring degradation due to the removal of a significant amount of secondary source material. Following completion of the excavation, groundwater samples would be collected from monitoring wells on-site on a quarterly basis to document trends in groundwater quality post-excavation, and reports would be submitted to Ecology.

6 COMPLIANCE MONITORING

Compliance monitoring requirements associated with cleanup actions consist of performance monitoring to ensure the cleanup action is performed in accordance with the cleanup action objectives, and confirmation monitoring following cleanup action completion to confirm the long-term effectiveness of the cleanup action.

6.1 Excavation Performance/Confirmation Monitoring

Performance monitoring will be conducted during the excavation, and confirmation monitoring will be conducted prior to backfilling the excavation.

Soil will be screened in the field during excavation to note any odors, visual sheens, or elevated photoionization detector (PID) readings indicative of petroleum hydrocarbon contamination. Soil stockpiles will be sampled to adequately characterize soil for offsite disposal. Confirmation soil samples will be collected from the bottom and sidewalls of the excavation to ensure impacted soil has been effectively removed to the extent practicable or to document areas of remaining soil contamination.

Details regarding soil sampling will be provided in the EDR.

6.2 Groundwater Confirmation Monitoring

As mentioned above, groundwater samples will be collected from monitoring wells quarterly following completion of the excavation in order to demonstrate compliance and to document MNA. Confirmation monitoring will be conducted until groundwater meets CULs throughout the site over four consecutive monitoring events. Groundwater monitoring wells that remain post-excavation will be sampled on a quarterly schedule.

7 SCHEDULE FOR IMPLEMENTATION

The current property owner has indicated that upgrades to the service station are currently planned, pending the schedule and implementation of the cleanup activities.

However, the implementation timeframe for this cleanup action is highly dependent on the timing of station upgrades. CEMC will work with the property owner to coordinate excavation activities in conjunction with service station upgrades; with the excavation activities planned for completion within 3 years. The schedule is also dependent on the public participation process and execution of a new AO.

The estimated restoration time frame (including post-excavation monitoring) to attain site cleanup levels is 5 to 10 years.

8 PUBLIC PARTCIPATION

Ecology prepared a Public Participation Plan for the site in December 2009 that described the process to involve and inform the public during the cleanup process. In the November 18, 2021 letter, Ecology indicated that the Revised FS, this DCAP, and a new AO to implement the cleanup will go through a combined public comment period. During cleanup action implementation, public participation will be accomplished in accordance with WAC 173-340-600. Notice in the *Site Register*, public notice, and an opportunity to comment will be provided on any plans prepared under WAC 173-340-400 that represent a substantial change from this draft CAP.

9 REFERENCES

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TABLES

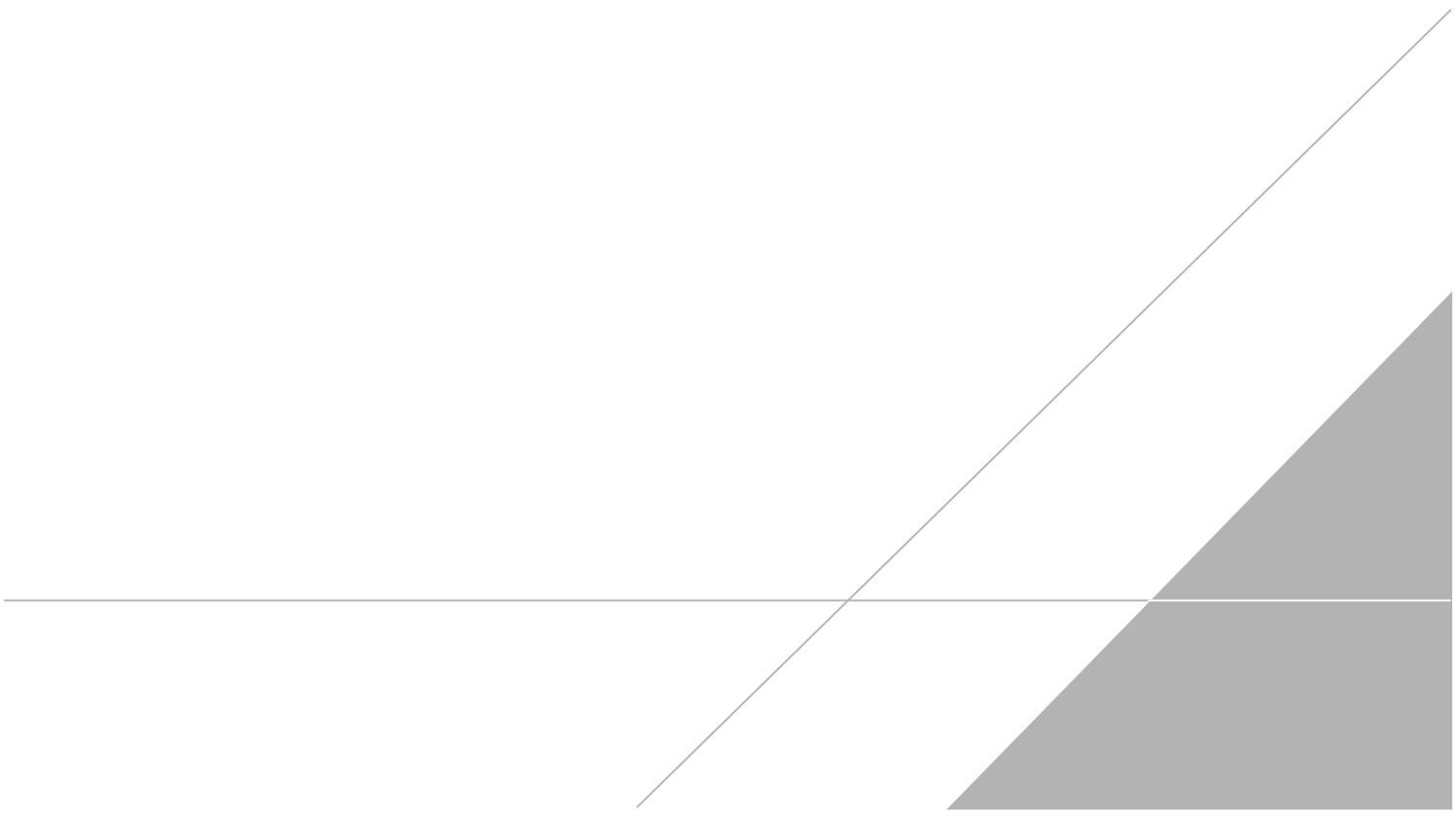

TABLE 1
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA
COWLITZ BP / COWLITZ FOOD AND FUEL / FORMER TEXACO SERVICE STATION NO. 211556
101 Mulford Road
Toledo, Washington

SAMPLE ID	DEPTH (ft.)	DATE SAMPLED	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)	TPH-HRO (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-Benzene (mg/kg)	Total Xylenes (mg/kg)	Benzo(a) anthracene[1] (mg/kg)	Benzo(a) pyrene[1] (mg/kg)	Benzo(b) fluoranthene[1] (mg/kg)	Benzo(k) fluoranthene[1] (mg/kg)	Chrysene[1] (mg/kg)	Dibenz(a,h) anthracene[1] (mg/kg)	Indeno (1,2,3-cd) pyrene[1] (mg/kg)	Total Toxicity of Benzo(a) pyrene[2] (mg/kg)	Total Lead (mg/kg)
B-201-80	UNK	pre 2004	<1.0	--	--	<0.05	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	--
B-202-80	UNK	pre 2004	<1.0	--	--	<0.05	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	--
B-203-65	UNK	pre 2004	<1.0	--	--	<0.05	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	--
B-204-75	UNK	pre 2004	**55**	--	--	<0.05	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	--
B-204-125	UNK	pre 2004	14	--	--	<0.05	<0.1	<0.1	<0.1	--	--	--	--	--	--	--	--	--
SB-2	8	12/1/2004	<1.0	<3	<10	<0.005	<0.005	<0.005	<0.02	--	--	--	--	--	--	--	--	--
SB-3-4	4	12/1/2004	**260**	62	37	<0.02	<0.02	0.1	0.3	--	--	--	--	--	--	--	--	8.76
SB-3-10	10	12/1/2004	**840**	34	14	**2.4**	0.7	4.9	**9.7**	--	--	--	--	--	--	--	--	5.50
SB-3-13	13	12/1/2004	**200**	--	--	<0.08	<0.1	0.4	0.9	--	--	--	--	--	--	--	--	3.05
SB-4-5	5	12/1/2004	**140**	63	75	**0.03**	<0.02	0.07	<0.2	--	--	--	--	--	--	--	--	21.1
SB-4-9	9	12/1/2004	**2500**	130	<100	**9.1**	2.9	**7.5**	<8	--	--	--	--	--	--	--	--	5.90
SB-4-12	12	12/1/2004	**250**	--	--	<0.2	<0.2	0.6	0.8	--	--	--	--	--	--	--	--	2.93
SB-4-17.5	17.5	12/1/2004	7.0	<3.0	21	<0.005	<0.005	0.01	<0.02	--	--	--	--	--	--	--	--	8.09
SB-5-8	8	12/2/2004	3.4	--	--	<0.005	<0.005	0.006	<0.02	--	--	--	--	--	--	--	--	4.94
SB-5-13	13	12/2/2004	**170**	3.4	<10	**0.6**	<0.2	0.7	0.8	--	--	--	--	--	--	--	--	4.13
SB-5-15	15	12/2/2004	20	--	--	**0.03**	<0.005	0.1	0.1	--	--	--	--	--	--	--	--	4.89
SB-6-9	9	12/2/2004	**410**	--	--	**2.6**	0.8	3.4	4.5	--	--	--	--	--	--	--	--	6.82
SB-6-11	11	12/2/2004	**810**	--	--	**3.2**	0.8	4.7	6.3	--	--	--	--	--	--	--	--	3.4
SB-7-4	4	12/2/2004	8	<3.0	<10	0.02	<0.005	0.02	<0.02	--	--	--	--	--	--	--	--	4.89
D-120204-1	4	12/2/2004	7.6	<3.0	<10	0.02	<0.02	0.01	<0.02	--	--	--	--	--	--	--	--	4.76
SB-7-7.5	8	12/2/2004	**750**	--	--	**1.1**	<0.4	3.1	3	--	--	--	--	--	--	--	--	5.05
SB-7-12	12	12/2/2004	27	<3.0	<10	0.07	<0.02	0.05	0.1	--	--	--	--	--	--	--	--	2.77
SB-7-15	15	12/2/2004	**130**	--	--	**0.6**	<0.2	0.4	0.7	--	--	--	--	--	--	--	--	3.02
D-120204-2	15	12/2/2004	**210**	--	--	**0.5**	<0.08	0.6	1	--	--	--	--	--	--	--	--	2.45
SB-8-4	4	12/2/2004	6.9	<3.0	<10	<0.005	<0.005	0.008	<0.02	--	--	--	--	--	--	--	--	4.91
SB-8-4 Matrix Spike	4	12/2/2004	3.5	<3.0	<10	<0.005	<0.005	<0.005	<0.02	--	--	--	--	--	--	--	--	7.02
SB-8-4 Matrix Dup	4	12/2/2004	8.9	<3.0	<10	<0.005	<0.005	0.01	0.02	--	--	--	--	--	--	--	--	7.45
SB-8-8	8	12/2/2004	**2500**	130	<20	**6.3**	<4	**6.1**	**11**	--	--	--	--	--	--	--	--	6.52
SB-8-13	13	12/2/2004	11	<3.0	14	**0.1**	0.01	0.01	0.04	--	--	--	--	--	--	--	--	7.87
EX1-10-5	5	10/6/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX1-11-5	5	10/6/2010	16	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX1-12-3	3	10/6/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX1-13-3	3	10/6/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX1-14-9.5	9.5	10/6/2010	<10	140	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX1-15-5	5	10/6/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX1-16-3	3	10/6/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX1-23-5	5	10/6/2010	22	160	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX1-24-3	3	10/6/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX1-25-9.5	9.5	10/6/2010	28	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX1-26-5	5	10/6/2010	24	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX1-27-3	5	10/6/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX1-28-9.5	9.5	10/7/2010	12	<50	<100	<0.02	<0.05	<0.05	<0.15	0.0010	<0.00084	0.0016	<0.00084	0.0026	<0.00084	<0.00084	0.001	7.91
EX1-29-9.5	9.5	10/7/2010	25	<50	<100	<0.02	<0.05	<0.05	<0.15	0.00091	0.0011	0.0017	<0.00081	0.0014	<0.00081	0.00088	0.002	11.4
EX1-31-5	5	10/7/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX1-32-3	3	10/7/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX1-35-5	5	10/7/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX1-36-3	3	10/7/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX1-37-6	6	10/7/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--

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101 Mulford Road
Toledo, Washington

SAMPLE ID	DEPTH (ft.)	DATE SAMPLED	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)	TPH-HRO (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-Benzene (mg/kg)	Total Xylenes (mg/kg)	Benzo(a) anthracene[1] (mg/kg)	Benzo(a) pyrene[1] (mg/kg)	Benzo(b) fluoranthene[1] (mg/kg)	Benzo(k) fluoranthene[1] (mg/kg)	Chrysene[1] (mg/kg)	Dibenz(a,h) anthracene[1] (mg/kg)	Indeno (1,2,3-cd) pyrene[1] (mg/kg)	Total Toxicity of Benzo(a) pyrene[2] (mg/kg)	Total Lead (mg/kg)
EX1-38-9	9	10/7/2010	22	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX1-39-3	3	10/7/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX1-40-10	10	10/7/2010	20	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX1-41-5	5	10/7/2010	10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX1-42-3	3	10/7/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX1-49-9	9	10/8/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX1-50-9	9	10/8/2010	19	120	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX1-52-9.5	9.5	10/8/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX1-52-9.5 Dup	9.5	10/8/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX1-53-10	10	10/11/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX1-53-10 Dup	10	10/11/2010	<10	--	--	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX1-54-10	10	10/11/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX1-54-10 Dup	10	10/11/2010	--	<50	<100	--	--	--	<0.15	--	--	--	--	--	--	--	--	--
EX1-56-10	10	10/12/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX1-56-10 Dup	10	10/12/2010	<10	--	--	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX1-57-10	10	10/12/2010	26	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX1-57-10 Dup	10	10/12/2010	--	<50	<100	--	--	--	--	--	--	--	--	--	--	--	--	--
EX1-58-10	10	10/12/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX1-59-5	5	10/12/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX1-60-10	10	10/12/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX1-61-12	12	10/12/2010	**260**	105	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX1-62-12	12	10/12/2010	**50**	<50	<100	<0.02	<0.05	<0.05	<0.15	0.00089	0.0011	0.0014	0.00089	0.0034	0.00089	0.00089	0.002	9.50
EX1-63-12	12	10/12/2010	**750**	<50	<100	<0.02	<0.05	<0.05	<0.15	0.00074	0.00074	0.00074	0.00074	0.0016	0.00074	0.00074	0.001	6.16
EX1-64-12	12	10/12/2010	**71**	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX1-65-12	12	10/12/2010	**65**	65	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX2-1-8.5	8.5	10/13/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX2-2-8.5	8.5	10/14/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX2-3-5	5	10/14/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX2-4-3	3	10/14/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX2-5-8.5	8.5	10/14/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX2-5-8.5 Dup	8.5	10/14/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX2-6-5	5	10/14/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX2-7-3	3	10/14/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX2-8-8.5	8.5	10/14/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX2-9-5	5	10/14/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX2-10-3	3	10/14/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX2-11-8.5	8.5	10/14/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX2-12-5	5	10/14/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX2-13-3	3	10/14/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX2-13-3 Dup	3	10/14/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX2-15-3	3	10/18/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX2-15-3 Dup	3	10/18/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX2-16-5	5	10/18/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX2-17-8.5	8.5	10/18/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX2-18-3	3	10/18/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX2-19-5	5	10/18/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX2-20-8.5	8.5	10/18/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX2-21-3	3	10/18/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--

TABLE 1
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA
COWLITZ BP / COWLITZ FOOD AND FUEL / FORMER TEXACO SERVICE STATION NO. 211556
101 Mulford Road
Toledo, Washington

SAMPLE ID	DEPTH (ft.)	DATE SAMPLED	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)	TPH-HRO (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-Benzene (mg/kg)	Total Xylenes (mg/kg)	Benzo(a) anthracene[1] (mg/kg)	Benzo(a) pyrene[1] (mg/kg)	Benzo(b) fluoranthene[1] (mg/kg)	Benzo(k) fluoranthene[1] (mg/kg)	Chrysene[1] (mg/kg)	Dibenz(a,h) anthracene[1] (mg/kg)	Indeno (1,2,3-cd) pyrene[1] (mg/kg)	Total Toxicity of Benzo(a) pyrene[2] (mg/kg)	Total Lead (mg/kg)
EX2-22-5	5	10/18/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX2-23-3	3	10/18/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX2-24-5	5	10/18/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX2-25-8.5	8.5	10/18/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX2-26-8.5	8.5	10/19/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX2-27-3	3	10/19/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX2-28-5	5	10/19/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX2-29-8.5	8.5	10/19/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX2-30-3	3	10/19/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX2-30-3 Dup	3	10/19/2010	--	<50	<100	--	--	--	--	--	--	--	--	--	--	--	--	--
EX2-31-5	5	10/19/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX2-32-8.5	8.5	10/19/2010	<10	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX2-33-10.5	10.5	10/20/2010	29	<50	<100	<0.02	0.06	<0.05	0.18	--	--	--	--	--	--	--	--	--
EX2-34-10.5	10.5	10/20/2010	29	<50	<100	<0.02	<0.05	<0.05	0.11	--	--	--	--	--	--	--	--	--
EX2-35-10.5	10.5	10/20/2010	**980**	<50	<100	<0.02	0.08	1.1	4.40	--	--	--	--	--	--	--	--	--
EX2-36-10.5	10.5	10/20/2010	22	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX2-37-10.5	10.5	10/20/2010	22	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
EX2-37-10.5 Dup	10.5	10/20/2010	27	<50	<100	<0.02	<0.05	<0.05	<0.15	--	--	--	--	--	--	--	--	--
SB-9-4	4	11/4/2013	5.0	<3.7	<12	<0.0065	<0.0065	0.0072	<0.019	<0.00082	<0.00082	<0.00082	<0.00082	<0.00041	<0.00082	<0.00082	0.001	8.80
SB-9-9	9	11/8/2013	**2,400**	52	<11	**0.56**	4.5	<2.7	5.0	0.0053	0.0020	0.0020	0.00082	0.0050	<0.00073	<0.00073	0.003	4.63
SB-9-11	11	11/8/2013	<0.9	<3.3	<11	<0.0046	<0.0046	<0.0046	<0.014	<0.00074	<0.00074	<0.00074	<0.00074	<0.00037	<0.00074	<0.00074	0.001	3.40
DUP-3-110813	11	11/8/2013	<0.9	<3.2	<11	<0.0043	0.0051	<0.0043	<0.013	<0.00072	<0.00072	<0.00072	<0.00072	<0.00036	<0.00072	<0.00072	0.001	2.64
SB-10-2	2	11/4/2013	2.5	<3.9	<13	<0.0075	0.013	0.023	0.11	<0.00085	<0.00085	<0.00085	<0.00085	0.0013	<0.00085	<0.00085	0.001	7.57
SB-10-6	6	11/6/2013	**1,800**	96	<12	**<0.27**	0.35	1.0	1.9	0.0070	0.0037	0.0036	0.0019	0.0080	<0.00082	<0.00082	0.005	10.7
SB-10-9	9	11/7/2013	**5,900**	160	<11	**0.65**	4.2	**7.5**	**15**	0.012	0.0046	0.0041	0.0014	0.011	<0.00075	0.0012	0.007	7.13
SB-10-13	13	11/7/2013	<1	<3.3	<11	<0.0048	<0.0048	<0.0048	<0.15	<0.00073	<0.00073	<0.00073	<0.00073	0.00080	<0.00073	<0.00073	0.001	2.53
SB-11-10	10	11/6/2013	19	<3.3	<11	<0.0048	0.0049	0.024	0.046	0.00075	<0.00073	0.0017	0.00097	0.0024	<0.00073	<0.00073	0.001	5.79
SB-11-12.5	12.5	11/6/2013	<1	<3.3	<11	<0.0048	<0.0048	<0.0048	<0.014	<0.00073	<0.00073	<0.00073	<0.00073	<0.00037	<0.00073	<0.00073	0.001	6.79
SB-12-9.5	9.5	11/6/2013	1.5	<3.3	15	<0.0055	<0.0055	<0.0055	<0.016	0.0015	0.0021	0.0032	0.0011	0.0026	<0.00074	0.0011	0.003	6.34
SB-12-10.5	10.5	11/6/2013	**1,600**	**2,500**	<110	**<0.19**	2.2	<1.5	3.4	<0.0072	<0.0072	<0.0072	<0.0072	0.017	<0.0072	<0.0072	0.011	11.0
SB-12-12	12	11/6/2013	2.6	<3.3	<11	<0.0046	<0.0046	<0.0046	<0.014	<0.00073	<0.00073	<0.00073	<0.00073	<0.00037	<0.00073	<0.00073	0.001	5.70
SB-12-13.5	13.5	11/6/2013	<1.0	<3.3	<11	<0.0051	0.017	<0.0051	<0.015	<0.00073	<0.00073	<0.00073	<0.00073	<0.00036	<0.00073	<0.00073	0.001	7.21
SB-13-10.5	10.5	11/7/2013	**150**	82	14	**0.085**	0.32	0.17	0.88	<0.00074	<0.00074	0.0011	<0.00074	0.0014	<0.00074	<0.00074	0.001	7.34
SB-13-12.5	12.5	11/7/2013	>1.0	<3.4	<11	<0.0052	<0.0052	<0.0052	<0.015	<0.00075	<0.00075	<0.00075	<0.00075	<0.00037	<0.00075	<0.00075	0.001	6.78
SB-14-7	7	11/5/2013	<1.1	<3.5	<12	<0.0056	<0.0056	<0.0056	<0.017	0.0039	0.0055	0.0098	0.0042	0.018	0.0027	0.0017	0.008	8.67
SB-14-9.5	9.5	11/7/2013	**4,500**	190	<11	**1.7**	**8.2**	<5.3	**9.7**	0.027	0.012	0.011	0.0037	0.026	0.0011	0.0022	0.017	7.24
DUP-1-110713	9.5	11/7/2013	**2,200**	150	<11	**<0.45**	<2.6	1.6	4.2	0.014	0.0060	0.0053	0.0021	0.013	<0.00073	0.0012	0.008	6.21
SB-14-12.5	12.5	11/7/2013	28	<3.3	<11	0.013	0.032	0.054	0.059	<0.00074	<0.00074	<0.00074	<0.00074	<0.00037	<0.00074	<0.00074	0.001	3.60
SB-14-14	14	11/7/2013	4.1	<3.2	<11	<0.0053	0.0065	0.0059	<0.016	<0.00072	<0.00072	<0.00072	<0.00072	<0.00036	<0.00072	<0.00072	0.001	1.85
SB-15-2	2	11/5/2013	**74**	36	83	**0.032**	0.086	0.22	0.65	<0.00092	0.00093	0.0019	<0.00092	0.0034	<0.00092	<0.00092	0.002	11.5
SB-15-6	6	11/6/2013	**3,300**	160	<11	**<0.57**	1.4	3.8	5.7	0.015	0.0079	0.0074	0.0037	0.016	0.00079	0.0013	0.011	12.5
SB-15-9	9	11/7/2013	**1,100**	69	<11	**0.38**	1.4	**6.8**	7.2	0.0051	0.0021	0.0021	0.00081	0.0048	<0.00071	<0.00071	0.003	4.24
SB-15-13	13	11/7/2013	3.6	<3.4	<11	<0.0048	<0.0048	0.041	<0.014	<0.00076	<0.00076	<0.00076	<0.00076	<0.00038	<0.00076	<0.00076	0.001	1.78
SB-16-2	2	11/6/2013	**210**	7.2	<14	**<0.036**	<0.15	0.15	0.24	<0.00091	<0.00091	<0.00091	<0.00091	<0.00045	<0.00091	<0.00091	0.001	11.4
SB-16-6	6	11/6/2013	**77**	4.1	<11	<0.0055	0.034	0.012	0.096	0.0029	0.0018	0.0016	0.00081	0.0025	<0.00073	<0.00073	0.003	13.4
SB-16-8	8	11/7/2013	**540**	17	12	**<0.040**	0.17	0.42	0.67	0.0070	0.0029	0.0024	0.00093	0.0055	<0.00074	<0.00074	0.004	5.05
SB-16-10	10	11/7/2013	**99**	<3.4	12	**0.054**	0.097	0.22	0.20	<0.00075	<0.00075	0.0018	<0.00075	0.0011	<0.00075	<0.00075	0.001	6.84
SB-17-2	2	11/6/2013	**2,800**	62	33	**<0.36**	1.1	**7.9**	**65**	0.0018	<0.00086	0.0020	<0.00086	0.0026	<0.00086	<0.00086	0.002	19.3

TABLE 1
SUMMARY OF HISTORICAL SOIL ANALYTICAL DATA
COWLITZ BP / COWLITZ FOOD AND FUEL / FORMER TEXACO SERVICE STATION NO. 211556
101 Mulford Road
Toledo, Washington

SAMPLE ID	DEPTH (ft.)	DATE SAMPLED	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)	TPH-HRO (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-Benzene (mg/kg)	Total Xylenes (mg/kg)	Benzo(a) anthracene[1] (mg/kg)	Benzo(a) pyrene[1] (mg/kg)	Benzo(b) fluoranthene[1] (mg/kg)	Benzo(k) fluoranthene[1] (mg/kg)	Chrysene[1] (mg/kg)	Dibenz(a,h) anthracene[1] (mg/kg)	Indeno (1,2,3-cd) pyrene[1] (mg/kg)	Total Toxicity of Benzo(a) pyrene[2] (mg/kg)	Total Lead (mg/kg)
SB-17-8	8	11/8/2013	**1,300**	25	<11	**1.4**	1.7	**10**	**20**	0.0027	0.0011	0.0013	<0.00074	0.0032	<0.00074	<0.0074	0.002	3.64
SB-17-11	11	11/8/2013	<0.9	<3.3	<11	<0.0046	<0.0046	<0.0046	<0.014	<0.00075	<0.00075	<0.00075	<0.00075	<0.00037	<0.00075	<0.000075	0.001	2.67
SB-18-8	8	11/7/2013	**580**	<3.4	<11	**0.43**	1.2	1.4	0.84	<0.00074	<0.00074	<0.00074	<0.00074	0.00055	<0.00074	<0.00074	0.001	4.55
DUP-2-110713	8	11/7/2013	**620**	7.8	<11	**0.46**	1.3	1.5	0.92	<0.00074	<0.00074	<0.00074	<0.00074	0.00044	<0.00074	<0.00074	0.001	4.09
SB-18-12	12	11/7/2013	<1	<3.5	<12	<0.0050	<0.0050	<0.0050	<0.015	<0.00077	<0.00077	<0.00077	<0.00077	<0.00038	<0.00077	<0.00077	0.001	3.00
SB-19-9	9	11/8/2013	5.7	<3.2	<11	<0.0048	0.014	0.014	0.042	<0.00072	<0.0072	<0.00072	<0.00072	0.00062	<0.00072	<0.00072	0.008	3.55
SB-19-11	11	11/8/2013	<1	<3.2	<11	<0.0050	<0.0050	<0.0050	<0.015	<0.00072	<0.00072	<0.00072	<0.00072	<0.00036	<0.00072	<0.00072	0.001	2.97
SB-20-2	2	11/8/2013	5.6	19	16	<0.0068	0.0068	<0.0091	<0.020	<0.00087	<0.00087	<0.00087	<0.00087	0.00098	<0.00087	<0.00087	0.001	5.29
SB-20-10	10	11/8/2013	**730**	65	<11	**0.26**	0.96	2.1	1.1	0.0054	0.0023	0.0021	0.00072	0.0050	<0.00071	<0.00071	0.003	5.80
SB-20-12	12	11/8/2013	2.1	<3.3	<11	<0.0048	<0.0048	0.0077	<0.014	<0.00073	<0.00073	<0.00073	<0.00073	<0.00036	<0.00073	<0.00073	0.001	6.07
SB-20-14	14	11/8/2013	<1.0	<3.4	<11	<0.0050	<0.0050	<0.0050	<0.015	<0.00075	<0.00075	<0.00075	<0.00075	<0.00037	<0.00075	<0.00075	0.001	3.94
SB-21-6	6	11/8/2013	<1.6	<3.7	<12	<0.0082	<0.0082	<0.0082	<0.025	<0.00082	<0.00082	<0.00082	<0.00082	<0.00041	<0.00082	<0.00082	0.001	3.83
SB-21-9	9	11/8/2013	**61**	3.3	<11	**<0.020**	<0.069	0.049	0.12	<0.00072	<0.00072	<0.00072	<0.00072	0.00061	<0.00072	<0.00072	0.001	4.42
SB-21-12	12	11/8/2013	<1.2	<3.3	<11	<0.0059	<0.0059	<0.0059	<0.018	<0.00073	<0.00073	<0.00073	<0.00073	<0.00037	<0.00073	<0.00073	0.001	4.62
Proposed Site Cleanup Standards			**30**	**460[3]/2,000[4]**	**2,000**	**0.03**	**7.0**	**6.0**	**9.0**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**0.1**	**250**

ABBREVIATIONS:
DRO = Diesel Range Organics
HRO = Oil Range Organics
GRO = Gasoline Range Organics
B = Benzene
T = Toluene
E = Ethylbenzene
X = Xylenes
T. LEAD = Total Lead
CULs = Cleanup levels
Dup = Duplicate
Ecology = Washington State Department of Ecology
EPA = United States Environmental Protection Agency
mg/kg = Milligrams per kilogram
MTCA = Model Toxics Control Act
UNK = Unknown

NOTES:
1 Carcinogenic polycyclic aromatic hydrocarbons (cPAHs).
2 Total toxicity of benzo(a)pyrene calculated using Toxicity Equivalency Factors provided in Table 708-2 of WAC 173-340-900. In cases where the analytical result was less than the reporting limit, the reporting limit value was used as the concentration to calculate total toxicity.
3 Proposed Cleanup Standard for TPH-DRO in soil from ground surface to 6 feet below ground surface.
4 Proposed Cleanup Standard for TPH-DRO in soil from 6 to 15 feet below ground surface.
Results in bold indicate analyte reported in concentration exceeding proposed site cleanup standards.
-- = Not Analyzed

ANALYTICAL METHODS:
Gasoline Range Organics Analyzed by Ecology Method NWTPH-Gx.
Diesel Range Organics Analyzed by Ecology Method NWTPH-Dx with silica-gel cleanup.
Heavy Oils Analyzed by Ecology Method NWTPH-Dx with silica-gel cleanup.
Benzene, Toluene, Ethylbenzene, and Total Xylenes Analyzed by EPA Method 8021B (2004 and older) and EPA Method 8260B (2010)
cPAHs analyzed by EPA Method 8270C SIM.
Total Lead analyzed by EPA Method 6020.

Table 2. Summary of Groundwater Monitoring Data
COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
101 Mulford Road
Toledo, Washington

Well	Date	Purge Method	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	LNAPLT (ft.)	GWE[3] (ft.)	TPH-DRO[4]	TPH-DRO w/Si gel	TPH-HRO[4]	TPH-HRO w/Si gel	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	D. Lead
						MTCA Method A CULs		500	500	500	500	800/1,000	5	1,000	700	1,000	20	15
MW-103	2/14/91		107.81		8.08		99.73											
MW-103	2/18/92		107.81	--	8.08	--	99.73	--		--		--	--	--	--	--	--	--
MW-103	3/9/92		107.81	--	7.80	--	100.01	--		<50		--	--	--	--	--	--	--
MW-103	3/13/92		107.81	--	8.08	--	99.73	<250		<250		<50	--	--	--	--	--	--
MW-103	4/21/92		107.81	--	7.78	--	100.03	--		--		<50	--	--	--	--	--	--
MW-103	3/3/94		107.81	--	--	--	--	<250		<250		<50	<13	--	--	--	--	--
MW-103	6/13/95		107.81	--	8.55	--	99.26	<250		<250		<50	--	--	Table 2A:	--	--	<3.0
MW-103	8/22/95		107.81	--	--	--	--	<250		<250		<50	--	--	--	--	--	<2.0
MW-103	8/23/95		107.81		8.91		98.90	<250		<250		<50						<2.0
MW-103	11/28/95		107.81	--	7.30	--	100.51	<250		<250		<50	--	--	--	--	--	<2.0
MW-103	3/12/96		107.81		8.03		99.78	<250		<250		<50						<2.0
MW-103	6/26/96		107.81	--	8.67	--	99.14	<250		<250		<50	--	--	--	--	--	<2.0
MW-103	10/9/96		107.81		8.82		98.99	<250		<250		<50						<2.0
MW-103	2/12/97		107.81	--	7.81	--	100.00	<250		<250		<50	--	--	--	--	--	<2.0
MW-103	4/22/97		107.81	--	7.42	--	100.39	<250		<250		<50	--	--	--	--	--	<2.0
MW-103	8/5/97		107.81	--	8.83	--	98.98	257		110		257	--	--	--	--	--	<2.0
MW-103	11/11/97		107.81	--	9.01	--	98.80	<250		<250		<50	--	--	--	--	--	<2.0
MW-103	2/11/98		107.81	--	8.03	--	99.78	<250		<250		<50	--	--	--	--	--	<2.0
MW-103	5/28/98		107.81	--	8.17	--	99.64	<250		<250		<50	--	--	--	--	--	2.84
MW-103	8/20/98		107.81	--	9.21	--	98.60	<250		<250		<50	--	--	--	--	--	<1.0
MW-103	11/19/98		107.81		9.03		98.78	<250		<250		<50						<1.0
MW-103	3/11/99		107.81	--	7.51	--	100.30	<250		<250		<50	--	--	--	--	--	<1.0
MW-103	5/25/99		107.81		8.51		99.30	<250		<250		<50						
MW-103	8/17/99		107.81	--	8.93	--	98.88	<250		<250		<50	--	--	--	--	--	<1.0
MW-103	11/19/99		107.81		7.18		100.63	<250		<250		<80						<1.0
MW-103	3/9/00		107.81	--	7.48	--	100.33	<250		<250		<80	--	--	--	--	--	<1.0
MW-103	6/13/00		107.81		8.29		99.52	<250		<250		<80						<1.0
MW-103	9/26/00		107.81	--	9.05	--	98.76	<250		<250		--	--	--	--	--	--	<1.0
MW-103	12/13/00		107.81	--	8.65	--	99.16	<250		<250		--	--	--	--	--	--	<1.0
MW-103	2/28/01		107.81	--	8.34	--	99.47	<250		<250		89	--	--	--	--	--	<1.0
MW-103	5/2/01		107.81	--	8.12	--	99.69	<250		<250		214	--	--	--	--	--	<1.0
MW-103	10/30/02		107.81	UNABLE TO LOCATE			--	--		--		--	--	--	--	--	--	--
MW-103	1/23/03		107.81	UNABLE TO LOCATE			--	--		--		--	--	--	--	--	--	--
MW-103	4/18/03		107.81	UNABLE TO LOCATE			--	--		--		--	--	--	--	--	--	--
MW-103	7/11/03		107.81	UNABLE TO LOCATE														
MW-103	10/31/03		107.81	UNABLE TO LOCATE - COVERED BY SOIL						--		--	--	--	--	--	--	--
MW-103	12/30/03		107.81	--	7.32	0.00	100.49	<50		<85		<110	<0.5	<0.5	<0.5	<1.5	--	<1.2
MW-103	5/3/04		107.81	UNABLE TO LOCATE - COVERED BY SOIL						--		--	--	--	--	--	--	--
MW-103	7/20/04		107.81	--	9.09	0.00	98.72	<250		<500		<50.0	<0.500	<0.500	<0.500	<1.00	--	--
MW-103	10/7/04		107.81	--	8.66	0.00	99.15	<160		<50		--	--	--	--	--	--	--
MW-103	1/27/05		107.81	--	7.95	0.00	99.86	<83		<83		<48	--	--	--	--	--	--
MW-103	4/12/05		107.81	--	7.65	0.00	100.16	<78		<78		<48	--	--	--	--	--	--
MW-103	7/18/05		107.81	--	8.76	0.00	99.05	<79		<79		<48	--	--	--	--	--	--
MW-103	10/21/05		107.81	--	8.87	0.00	98.94	<79		<79		<48	--	--	--	--	--	--
MW-103	9/5/07		107.81	UNABLE TO LOCATE														
MW-103	5/27-28/08		107.81	UNABLE TO LOCATE			--	--		--		--	--	--	--	--	--	--
MW-103	8/27-29/08		107.81	UNABLE TO LOCATE														
MW-103	11/17-19/08		107.81	UNABLE TO LOCATE			--	--		--		--	--	--	--	--	--	--
MW-103	2/16-18/09		107.81	UNABLE TO LOCATE														
MW-103	5/4-6/09		107.81	UNABLE TO LOCATE			--	--		--		--	--	--	--	--	--	--
MW-103	8/19-21/09		107.81	UNABLE TO LOCATE			--	--		--		--	--	--	--	--	--	--
MW-103	11/18-20/09		107.81	UNABLE TO LOCATE			--	--		--		--	--	--	--	--	--	--
MW-103	2/8-10/10		107.81	UNABLE TO LOCATE			--	--		--		--	--	--	--	--	--	--
MW-103	5/12-13/10		107.81	UNABLE TO LOCATE			--	--		--		--	--	--	--	--	--	--
MW-103	8/12/10	LFP	107.81	--	8.90	0.00	98.91	30		120		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.11
MW-103	11/3-4/10		107.81	--	7.69	0.00	100.12	<29		91		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.17
MW-103	2/3-4/11	LFP	107.81		7.99	0.00	99.82	<29		<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.22
MW-103	5/24/11	LFP	107.81	--	8.25	0.00	99.56	30		340		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.13
MW-103	8/23-24/11	LFP	107.81	UNABLE TO LOCATE														
MW-103	11/7-9/11	LFP	107.81	--	8.90	0.00	98.91	<29		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.12
MW-103	2/6-8/12	LFP	107.81		7.80	0.00	100.01	<30		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080
MW-103	5/2-4/12	LFP	107.81	--	8.05	0.00	99.76	<30		<70		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.083

Table 2. Summary of Groundwater Monitoring Data
COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
101 Mulford Road
Toledo, Washington

Well	Date	Purge Method	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	LNAPLT (ft.)	GWE[3] (ft.)	TPH-DRO[4]	TPH-DRO w/Si gel	TPH-HRO[4]	TPH-HRO w/Si gel	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	D. Lead
MW-103	8/1-3/12	LFP	107.81		8.95	0.00	98.86	<30		<70		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.088
MW-103	11/26-28/12	LFP	107.81	--	7.36	0.00	100.45	<29		<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.047
MW-103	02/4-6/13	LFP	107.81	--	7.85	0.00	99.96	<28		<66		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.087
MW-103	5/6-8/713	LFP	107.81	--	8.60	0.00	99.21	<29		<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.13
MW-103	9/9-13/13	LFP	107.81	--	8.55	0.00	99.26	<29/<29		<67/<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.11
MW-103	11/18-21/13	LFP	107.81	--	7.62	0.00	100.19	<29/<29		<67/<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.21
MW-103	2/4-11/14	LFP	107.81	--	8.36	0.00	99.45	<29/<29		<67/<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.11
MW-103	6/12-14/14	LFP	107.81	INACCESSIBLE			--	--		--		--	--	--	--	--	--	--
MW-103	8/18-21/14	LFP	107.81		6.81	0.00	101.00	<29/<29		<68/<68		62	<0.5	<0.5	<0.5	<0.5	<0.5	0.18
MW-103	11/19-20/14	LFP	107.81	--	8.41	0.00	99.40	<29/<29		<67/<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082
MW-103	2/17-20/15	LFP	107.81	--	7.83	0.00	99.98	<29/<29		<69/<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082
MW-103	5/11-15/15	LFP	107.81	--	8.77	0.00	99.04	<28/<28		<66/<66		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.12
MW-103	8/10-11/15	LFP	107.81	--	9.35	0.00	98.46	<28/<28		<66/<66		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.13
MW-103	11/16-18/15	LFP	107.81	--	6.67	0.00	101.14	<28/<28		<66/<66		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.00
MW-103	05/13-14/16	LFP	107.81	--	8.60	0.00	99.21	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY										
MW-103	11/14/16	LFP	107.81	--	7.83	0.00	99.98	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY										
MW-103	5/11/18		107.81	--	8.56	0.00	99.25											
MW-103	11/11-12/2018		107.81	--	8.91	0.00	98.90											
MW-103	4/27/19		107.81	--	8.29	0.00	99.52											
MW-103	11/3/19		107.81	--	8.55	0.00	99.26											
MW-103	11/3/19		107.81	--	--	--	--	WELL ABANDONED										
MW-109	3/13/92		107.35	--	7.72	0.00	99.63	--		--		<50	--	--	--	--	--	--
MW-109	4/21/92		107.35		7.42	0.00	99.93											
MW-109	3/3/94		107.35	--	--	0.00	--	**900**		**1,500**		**4,900**	--	--	--	--	--	--
MW-109	8/22/95		107.35		8.57	0.00	98.78	**2,900**		**2,400**		<50						
MW-109	11/28/95		107.35	--	5.87	0.00	101.48	480		**1,900**		72	--	--	--	--	--	<2.0
MW-109	3/12/96		107.35	--	7.16	0.00	100.19	<250		<750		<50	--	--	--	--	--	<2.0
MW-109	6/26/96		107.35	--	8.24	0.00	99.11	**554**		<750		<50	--	--	--	--	--	<2.0
MW-109	10/9/96		107.35	--	8.54	0.00	98.81	405		<750		<50	--	--	--	--	--	<2.0
MW-109	2/12/97		107.35	--	5.82	0.00	101.53	393		**1,290**		<50	--	--	--	--	--	<2.0
MW-109	4/22/97		107.35	--	7.10	0.00	100.25	356		**1,270**		<50	--	--	--	--	--	<2.0
MW-109	8/5/97		107.35	--	8.81	0.00	98.54	**560**		**1,690**		<50	--	--	--	--	--	<2.0
MW-109	11/11/97		107.35		7.57	0.00	99.78	269		**780**		<50						<2.0
MW-109	2/11/98		107.35	--	6.20	0.00	101.15	387		**1,700**		<50	--	--	--	--	--	<2.0
MW-109	5/28/98		107.35		7.62	0.00	99.73	332		**920**		<50						2.25
MW-109	8/20/98		107.35	--	9.00	0.00	98.35	**520**		**1,450**		<50	--	--	--	--	--	<1.0
MW-109	11/19/98		107.35		8.21	0.00	99.14	409		**1,130**		<50						<1.3
MW-109	3/11/99		107.35	--	6.94	0.00	100.41	**539**		**2,000**		<80	--	--	--	--	--	<1.0
MW-109	5/25/99		107.35		8.13	0.00	99.22	**916**				<80						
MW-109	8/17/99		107.35	--	8.66	0.00	98.69	**1,520**		**7,770**		<80	--	--	--	--	--	<1.0
MW-109	11/19/99		107.35	--	6.65	0.00	100.70	<250		--		<80	--	--	--	--	--	<1.0
MW-109	3/9/00		107.35	--	5.67	0.00	101.68	<250		<500		<80	--	--	--	--	--	<1.0
MW-109	6/13/00		107.35	--	6.65	0.00	100.70	<250		<500		<80	--	--	--	--	--	<1.0
MW-109	9/26/00		107.35	--	8.36	0.00	98.99	<250		<500		--	--	--	--	--	--	<1.0
MW-109	12/13/00		107.35	--	7.72	0.00	99.63	<250		<500		--	--	--	--	--	--	<1.0
MW-109	2/28/01		107.35	--	7.44	0.00	99.91	<250		<500		<80	--	--	--	--	--	<1.0
MW-109	5/2/01		107.35		9.50	0.00	97.85	<250		<500		<80						<1.0
MW-109	10/30/02		107.35	--	8.69	0.00	98.66	<250		<500		<80	<0.500	<0.500	<0.500	<1.0	--	6.44
MW-109	1/23/03		107.35	MONITORED/SAMPLED ANNUALLY														
MW-109	4/18/03		107.35	MONITORED/SAMPLED ANNUALLY						--		--	--	--	--	--	--	--
MW-109	7/11/03		107.35	MONITORED/SAMPLED ANNUALLY						--		--	--	--	--	--	--	--
MW-109	10/31/03		107.35	--	7.63	0.00	99.72	<250		<500		<50	<0.500	<0.500	<0.500	<1.0	--	<1.0[1]
MW-109	12/31/03		107.35	--	6.42	0.00	100.93	<50		440		**2,300**	<0.5	<0.5	<0.5	<1.5	--	<1.2
MW-109	5/3/04		107.35	MONITORED/SAMPLED ANNUALLY						--		--	--	--	--	--	--	--
MW-109	7/20/04		107.35	MONITORED/SAMPLED ANNUALLY						--		--	--	--	--	--	--	--
MW-109	10/6/04		107.35	--	7.71	0.00	99.64	<81		110		<50	--	--	--	--	--	--
MW-109	10/24/05		107.35		7.93	0.00	99.42	<81		<100		<48						
MW-109	9/5/07		107.35	--	8.45	0.00	98.90	<79		240		91	--	--	--	--	--	0.15
MW-109	5/27-28/08		107.35		7.86	0.00	99.49	<79		<98		<50	<0.5	0.6	<0.5	<0.5	<0.5	<0.050
MW-109	8/27-29/08	LFP	107.35	--	7.92	0.00	99.43	<79		<99		<50	<5	<5	<5	<5	<5	<0.050

Table 2. Summary of Groundwater Monitoring Data
COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
101 Mulford Road
Toledo, Washington

Well	Date	Purge Method	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	LNAPLT (ft.)	GWE[3] (ft.)	TPH-DRO[4]	TPH-DRO w/Si gel	TPH-HRO[4]	TPH-HRO w/Si gel	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	D. Lead
MW-109	11/17-19/08	LFP	107.35		6.60	0.00	100.75	35		110		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-109	2/16-18/09	LFP	107.35	--	7.59	0.00	99.76	53		130		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.093
MW-109	5/4-6/09	LFP	107.35	--	7.09	0.00	100.26	<30		<70		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-109	8/19-21/09	LFP	107.35	--	8.35	0.00	99.00	49		290		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.15
MW-109	11/18-20/09	LFP	107.35	--	5.74	0.00	101.61	98		340		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.15
MW-109	2/8-10/10	LFP	107.35	--	7.04	0.00	100.31	31		<72		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-109	5/12-13/10	LFP	107.35	--	7.41	0.00	99.94	60		270		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-109	8/11/10	LFP	107.35	--	8.90	0.00	98.45	34		300		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.1
MW-109	11/3-4/10	LFP	107.35		6.37	0.00	100.98	65		430		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052
MW-109	2/3-4/11	LFP	107.35	--	7.12	0.00	100.23	<30		<70		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052
MW-109	5/23/11	LFP	107.35		7.26	0.00	100.09	47		**520**		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052
MW-109	8/23-24/11	LFP	107.35	--	8.35	0.00	99.00	<30		<70		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.12
MW-109	11/7-9/11	LFP	107.35		8.00	0.00	99.35	<300		**890**		84	<0.5	<0.5	0.6	<0.5	<0.5	0.19
MW-109	2/6-8/12	LFP	107.35	--	6.85	0.00	100.50	<30		<70		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080
MW-109	5/2-4/12	LFP	107.35		6.90	0.00	100.45	<29		<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080
MW-109	8/1-3/12	LFP	107.35	--	8.13	0.00	99.22	<30		<71		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.034
MW-109	11/26-28/12	LFP	107.35	--	6.42	0.00	100.93	<30		<70		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.047
MW-109	02/4-6/13	LFP	107.35	--	6.95	0.00	100.40	<28		<66		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073
MW-109	05/6-8/13	LFP	107.35	--	7.35	0.00	100.00	<29		<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073
MW-109	9/9-13/13	LFP	107.35	--	7.34	0.00	100.01	<31/<31		<72/<72		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.62
MW-109	11/18-22/13	LFP	107.35	--	8.12	0.00	99.23	<29/68		<67/170		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085
MW-109	02/4-11/14	LFP	107.35	--	7.33	0.00	100.02	<30/<30		<70/<70		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.20
MW-109	6/12-14/14	LFP	107.35		7.31	0.00	100.04	<28/<28		<66/<66		<50	<0.5	<0.5	<0.5	<0.5	<0.5	
MW-109	8/18-21/14	LFP	107.35	--	9.93	0.00	97.42	INSUFFICIENT WATER										
MW-109	11/19-20/14	LFP	107.35		7.38	0.00	99.97	<29/<29		<67/<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082
MW-109	2/17-20/15	LFP	107.35	--	6.91	0.00	100.44	<30/<30		<69/<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082
MW-109	5/11-15/15	LFP	107.35	--	7.29	0.00	100.06	<29/<29		<67/<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.12
MW-109	8/10-11/15	LFP	107.35	--	8.62	0.00	98.73	<29/130		210/640		<50	<0.5	<0.5	<0.5	<0.5	<0.5	**136**
MW-109	11/16-18/15	LFP	107.35	--	5.34	0.00	102.01	<28/36		<66/97		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.0028
MW-109	5/13-14/16	LFP	107.35	--	7.76	0.00	99.59	<28/<28		<66/<66		<50	<0.5	<0.5	<0.5	<0.5	--	<0.13
MW-109	11/14/16	LFP	107.35	--	6.40	0.00	100.95	<28/77		<65/65		<50	<0.5	<0.5	<0.5	<0.5	--	0.55
MW-109	5/11/18		107.35	--	7.38	0.00	99.97	<28	31	<66	<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.11
MW-109	11/11-12/18		107.35	--	7.47	0.00	99.88	40	<28	260	96	<19	<0.2	<0.2	<0.4	<1	--	<1.1
MW-109	4/27/19		107.35	--	7.28	0.00	100.07	97	<30	<67	<67	<19	<0.2	<0.2	<0.4	<1	--	<1.1
MW-109	11/3/19		107.35	--	7.49	0.00	99.86	41 J	<30	95 J	<68	<19	<0.2	<0.2	<0.4	<1	--	**29.4**
MW-109	5/6/20		107.35	--	7.50	0.00	99.85	<200	<200	<250	<250	51.3 B J	<1.00	<1.00	<1.00	<3.00	--	<5.00
MW-109	11/7/20		107.35	--	6.62	0.00	100.73	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY										
MW-109	05/24/2021		107.35	--	7.94	0.00	99.41	<200	<200	<250	<250	35.0 BJ	<1.00	<1.00	<1.00	<3.00	--	<6.00
MW-110	8/22/95		108.89		9.62	0.00	99.27	400		<750		**11,000**						
MW-110	11/28/95		108.89	--	8.08	0.00	100.81	**540**		<750		**6,000**	--	--	--	--	--	14
MW-110	3/12/96		108.89		8.74	0.00	100.15	340		<750		**3,600**						14
MW-110	6/26/96		108.89	--	9.41	0.00	99.48	274		<750		**2,750**	--	--	--	--	--	8.14
MW-110	10/9/96		108.89		9.67	0.00	99.22	<250		<750		**1,160**						5.96
MW-110	2/12/97		108.89	--	8.42	0.00	100.47	393		<750		**1,830**	--	--	--	--	--	11.7
MW-110	4/22/97		108.89	--	8.18	0.00	100.71	371		<750		**1,950**	--	--	--	--	--	7.27
MW-110	8/5/97		108.89	--	9.80	0.00	99.09	282		<750		**1,480**	--	--	--	--	--	3.16
MW-110	11/11/97		108.89	--	8.57	0.00	100.32	**659**		<750		**2,330**	--	--	--	--	--	**22.9**
MW-110	2/11/98		108.89	--	8.54	0.00	100.35	390		<750		**2,040**	--	--	--	--	--	**15.3**
MW-110	5/28/98		108.89	--	8.69	0.00	100.20	324		<750		**1,350**	--	--	--	--	--	**15.5**
MW-110	8/20/98		108.89	--	10.91	0.00	97.98	<250		<750		**812**	--	--	--	--	--	1.55
MW-110	11/19/98		108.89		9.51	0.00	99.38	258		<750		637						7.27
MW-110	3/11/99		108.89	--	8.09	0.00	100.80	486		<500		**2,350**	--	--	--	--	--	11
MW-110	5/25/99		108.89		9.28	0.00	99.61	<250				**2,950**						
MW-110	8/17/99		108.89	--	9.81	0.00	99.08	<250		<500		749	--	--	--	--	--	2.2
MW-110	11/19/99		108.89		7.77	0.00	101.12	453				**2,030**						**32.4**
MW-110	3/9/00		108.89	--	8.15	0.00	100.74	<250		<500		**3,780**	--	--	--	--	--	9.59
MW-110	6/13/00		108.89		8.81	0.00	100.08	<250		<500		**2,330**						5.45
MW-110	9/26/00		108.89	--	9.98	0.00	98.91	<250		<500		--	--	--	--	--	--	2.83
MW-110	12/13/00		108.89	--	9.37	0.00	99.52	<250		<500		**1,340**	--	--	--	--	--	4.15
MW-110	2/28/01		108.89	--	9.07	0.00	99.82	<250		<500		**1,800**	--	--	--	--	--	6.32

Table 2. Summary of Groundwater Monitoring Data
COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
101 Mulford Road
Toledo, Washington

Well	Date	Purge Method	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	LNAPLT (ft.)	GWE[3] (ft.)	TPH-DRO[4]	TPH-DRO w/Si gel	TPH-HRO[4]	TPH-HRO w/Si gel	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	D. Lead
MW-110	5/2/01		108.89	--	8.62	0.00	100.27	<250		<500		**905**	--	--	--	--	--	4.23
MW-110	10/30/02		108.89	--	10.28	0.00	98.61	<250		<500		**3,880**	<2.50	<2.50	22.5	108	--	6.36
MW-110	1/23/03		108.89	--	8.74	0.00	100.15	<250		<500		**1,190**	0.902	0.585	9.83	13.9	--	**26.55**
MW-110	4/18/03		108.89	--	8.40	0.00	100.49	<250		<500		499	1.94	<0.500	0.799	1.65	--	**16.8'**
MW-110	7/11/03		108.89		9.99	0.00	98.90	<250		<500		586	1.76	<0.500	1.08	1.11		2.115
MW-110	10/31/03		108.89	--	9.25	0.00	99.64	<250		<500		184	0.529	<0.500	<0.500	<1.0	--	<1.0'
MW-110	12/31/03		108.89		7.94	0.00	100.95	**1,800**		410		<99	<10	<2.0	23	25		**17.3**
MW-110	5/3/04		108.89	--	9.56	0.00	99.33	<250		<500		454	1.8	<0.500	<0.500	<1.0	--	3.865
MW-110	7/20/04		108.89	--	10.03	0.00	98.86	<250		<500		308	0.893	<0.500	<0.500	<1.0	--	<1.0[5]
MW-110	10/6/04		108.89	--	9.38	0.00	99.51	<79		<99		160	--	--	--	--	--	--
MW-110	1/27/05		108.89	--	8.65	0.00	100.24	<81		<100		150	--	--	--	--	--	--
MW-110	4/12/05		108.89	--	8.22	0.00	100.67	370		<100		290	--	--	--	--	--	--
MW-110	7/18/05		108.89	--	9.50	0.00	99.39	<79		<99		100	--	--	--	--	--	--
MW-110	7/18/05 (D)		108.89	--	9.50	0.00	99.39	<79		<99		100	--	--	--	--	--	--
MW-110	10/20/05		108.89		9.62	0.00	99.27	82		100		110						
MW-110	9/4/07		108.89	--	10.08	0.00	98.81	<150		220		290	--	--	--	--	--	5
MW-110	5/27-28/08	LFP	108.89		9.52	0.00	99.37	<76		<96		210	<0.5	<0.5	9	0.7	<0.5	9.1
MW-110	8/27-29/08	LFP	108.89	--	9.60	0.00	99.29	120		<100		240	<5	<5	<5	<5	<5	1.5
MW-110	11/17-19/08	LFP	108.89		8.17	0.00	100.72	410		<68		150	<0.5	<0.5	<0.5	<0.5	<0.5	**34.1**
MW-110	2/16-18/09	LFP	108.89	--	9.23	0.00	99.66	58		170		<50	<0.5	<0.5	<0.5	<0.5	<0.5	**27.7**
MW-110	5/4-6/09	LFP	108.89	--	8.60	0.00	100.29	380		**670**		96	<0.5	<0.5	<0.5	<0.5	<0.5	5.4
MW-110	8/19-21/09	LFP	108.89	--	9.98	0.00	98.91	<30		76		69	<0.5	<0.5	<0.5	<0.5	<0.5	0.63
MW-110	11/18-20/09	LFP	108.89	--	6.97	0.00	101.92	200		<67		670	<0.5	<0.5	2	<0.5	<0.5	5
MW-110	2/8-10/10	LFP	108.89	--	8.64	0.00	100.25	51		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	12.5
MW-110	5/12-13/10	LFP	108.89	--	9.08	0.00	99.81	39		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	4.2
MW-110	8/11/10	LFP	108.89	--	9.75	0.00	99.14	<29		<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.4
MW-110	11/3-4/10	LFP	108.89		8.15	0.00	100.74	49		98		<50	<0.5	<0.5	<0.5	<0.5	<0.5	2.5
MW-110	2/3-4/11	LFP	108.89	--	8.77	0.00	100.12	<30		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.72
MW-110	5/24/11	LFP	108.89		8.90	0.00	99.99	<29		180		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.43
MW-110	8/23-24/11	LFP	108.89	--	9.96	0.00	98.93	<30		<70		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.62
MW-110	11/7-9/11	LFP	108.89		9.30	0.00	99.59	<31		<72		95	<0.5	<0.5	<0.5	<0.5	<0.5	0.22
MW-110	2/6-8/12	LFP	108.89	--	8.40	0.00	100.49	<30		<70		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.22
MW-110	5/2-4/12	LFP	108.89		8.40	0.00	100.49	<31		<72		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.23
MW-110	8/1-3/12	LFP	108.89	--	8.46	0.00	100.43	50		<66		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.093
MW-110	11/26-28/12	LFP	108.89	--	7.95	0.00	100.94	<29		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.30
MW-110	02/4-6/13	LFP	108.89	--	8.38	0.00	100.51	<30		<70		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073
MW-110	05/6-8/13	LFP	108.89	--	9.52	0.00	99.37	<29		<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.23
MW-110	9/9-13/13	LFP	108.89	--	9.03	0.00	99.86	<28/<28		<66/<66		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.39
MW-110	11/18-21/13	LFP	108.89	--	8.22	0.00	100.67	<29/<29		<67/<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.33
MW-110	02/4-11/14	LFP	108.89	--	8.98	0.00	99.91	<29/<29		<67/<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.16
MW-110	6/12-14/14	LFP	108.89		9.50	0.00	99.39	<29/<29		<67/<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.22
MW-110	8/18-21/14	LFP	108.89	--	8.53	0.00	100.36	<28/<28		<66/<66		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.10
MW-110	11/19-20/14	LFP	108.89		9.08	0.00	99.81	<29/<29		<67/<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.94
MW-110	2/17-20/15	LFP	108.89	--	8.39	0.00	100.50	<30/<30		<70/<70		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082
MW-110	5/11-15/15	LFP	108.89	--	9.51	0.00	99.38	<28/<28		<66/<66		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.46
MW-110	8/10-11/15	LFP	108.89	--	10.23	0.00	98.66	<28/<28		<66/<66		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.88
MW-110	11/16-18/15	LFP	108.89	--	6.54	0.00	102.35	<29/<29		<67/<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.00
MW-110	5/13-14/16	LFP	108.89	--	9.04	0.00	99.85	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY										
MW-110	11/14/16	LFP	108.89	--	8.21	0.00	100.68	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY										
MW-110	5/11/18		108.89	--	9.12	0.00	99.77	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY										
MW-110	11/11-12/2018		108.89	--	9.30	0.00	99.59	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY										
MW-110	4/27/19		108.89	--	8.93	0.00	99.96	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY										
MW-110	11/3/19		108.89	--	9.15	0.00	99.74	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY										
MW-110	5/5/20		108.89	--	9.15	0.00	99.74	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY										
MW-110	11/7/20		108.89	--	8.27	0	100.62	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY										
MW-110	5/24/21		108.89	--	9.61	0	99.28	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY										
MW-111	8/22/95		107.12	--	7.86	0.00	99.26	360		<750		**33,000**						
MW-111	11/28/95		107.12	--	6.14	0.00	100.98	**640**		<750		**17,000**	--	--	--	--	--	10
MW-111	3/12/96		107.12		6.84	0.00	100.28	290		<750		**11,000**						7.6
MW-111	6/26/96		107.12	--	7.55	0.00	99.57	479		<750		**7,690**	--	--	--	--	--	4.8

Table 2. Summary of Groundwater Monitoring Data
COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
101 Mulford Road
Toledo, Washington

Well	Date	Purge Method	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	LNAPLT (ft.)	GWE[3] (ft.)	TPH-DRO[4]	TPH-DRO w/Si gel	TPH-HRO[4]	TPH-HRO w/Si gel	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	D. Lead
MW-111	10/9/96		107.12		7.81	0.00	99.31	256		<750		3,560						4.7
MW-111	2/12/97		107.12	--	6.52	0.00	100.60	631		<750		17,200	--	--	--	--	--	8.7
MW-111	4/22/97		107.12	--	6.31	0.00	100.81	920		<750		13,800	--	--	--	--	--	5.3
MW-111	8/5/97		107.12	--	7.90	0.00	99.22	444		<750		4,290	--	--	--	--	--	3.5
MW-111	11/11/97		107.12	--	6.70	0.00	100.42	770		<750		14,300	--	--	--	--	--	12.4
MW-111	2/11/98		107.12	--	6.65	0.00	100.47	587		<750		13,600	--	--	--	--	--	8.3
MW-111	5/28/98		107.12	--	6.89	0.00	100.23	526		<750		11,200	--	--	--	--	--	16.6
MW-111	8/20/98		107.12	--	9.08	0.00	98.04	637		<750		5,950	--	--	--	--	--	1.7
MW-111	11/19/98		107.12		7.60	0.00	99.52	3,890		<750		10,500,000						2.2
MW-111	1/22/99		107.12	--	5.36	0.00	101.76	--		--		19,000	--	--	--	--	--	--
MW-111	3/11/99		107.12		6.19	0.00	100.93	611		<500		6,910						6.3
MW-111	5/25/99		107.12	--	7.43	0.00	99.69	388		--		8,500	--	--	--	--	--	4.2
MW-111	8/17/99		107.12		7.98	0.00	99.14	547		<500		17,600						3
MW-111	11/19/99		107.12	--	5.87	0.00	101.25	547		--		27,900	--	--	--	--	--	14.4
MW-111	3/9/00		107.12		6.27	0.00	100.85	12,400		646		20,800						11.8
MW-111	6/13/00		107.12	--	6.91	0.00	100.21	7,670		<500		29,600	--	--	--	--	--	12.8
MW-111	9/26/00		107.12	--	8.37	0.00	98.75	--		--		--	--	--	--	--	--	--
MW-111	12/13/00		107.12	--	7.65	0.00	99.47	13,800		<500		23,100	--	--	--	--	--	4.1
MW-111	2/28/01		107.12	--	7.26	0.00	99.86	3,740		<500		16,400	--	--	--	--	--	5.6
MW-111	5/2/01		107.12	--	6.89	0.00	100.23	7,530		<500		17,700	--	--	--	--	--	10.7
MW-111	10/30/02		107.12	8.42	8.70	0.28	98.64	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL							--	--	--	--
MW-111	1/23/03		107.12	6.95	6.99	0.04	100.16	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL							--	--	--	--
MW-111	4/18/03		107.12	6.83	6.89	0.06	100.28	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL										--
MW-111	7/11/03		107.12	8.18	8.25	0.07	98.93	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL							--	--	--	--
MW-111	10/31/03		107.12	7.45	7.48	0.03	99.66	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL										--
MW-111	12/31/03		107.12	--	6.40	0.00	100.72					50,000 I 2,800 I 300 I 8.3 6.5			1,100	3,300	--	15.2
MW-111	5/3/04		107.12	7.76	7.79	0.03	99.35	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL							--	--	--	--
MW-111	7/20/04		107.12	8.10	8.16	0.06	99.01	NOT SAMPLED DUE TO THE PRESENCE OF LNAPL							--	--	--	--
MW-111	10/6/04		107.12	--	7.54	0.00	99.58	240		<100		5,700	--	--	--	--	--	--
MW-111	1/27/05		107.12	--	6.79	0.00	100.33	310		<98		8,800	--	--	--	--	--	--
MW-111	1/27/05(D)		107.12	--	6.79	0.00	100.33	310		<98		9,100	--	--	--	--	--	--
MW-111	4/12/05		107.12	--	6.32	0.00	100.80	820		<100		10,000	--	--	--	--	--	--
MW-111	4/12/05(D)		107.12		6.32	0.00	100.80	850		<110		10,000						
MW-111	7/18/05		107.12	--	7.75	0.00	99.37	460		<96		6,300	--	--	--	--	--	--
MW-111	10/20/05		107.12		7.84	0.00	99.28											
MW-111	9/4/07		107.12	--	8.26	0.00	98.86	1,100		<220		6,800	--	--	--	--	--	2.8
MW-111	9/4/07		107.12			0.00		<81		<100		<50						<0.047
MW-111	5/27-28/08		107.12	--	7.64	0.00	99.48	NOT SAMPLED DUE TO OBSTRUCTION IN WELL @ 7 FEET								--	--	--
MW-111	8/27-29/08		107.12	--	7.71	0.00	99.41	NOT SAMPLED DUE TO OBSTRUCTION IN WELL @ 8 FEET								--	--	--
MW-111	11/17-19/08	LFP	107.12	--	6.27	0.00	100.85	2,300		<1,400		18,000	3	<1	300	220	<1	36.8
MW-111	2/16-18/09	LFP	107.12	--	7.36	0.00	99.76	350		74		20,000	4	2	190	110	<1	8.5
MW-111	5/4-6/09	LFP	107.12	--	6.62	0.00	100.50	1,200		<70		13,000	8	2	220	120	<0.5	20.1
MW-111	8/19-21/09	LFP	107.12	--	8.12	0.00	99.00	780		<70		11,000	4	0.6	180	130	<0.5	5.3
MW-111	11/18-20/09	LFP	107.12	--	5.42	0.00	101.70	400		<68		4,700	5	0.7	53	21	<0.5	6.3
MW-111	2/08-10/10	LFP	107.12		6.79	0.00	100.33	2,700		<140		19,000	16	1	270	110	<0.5	18.8
MW-111	5/11-13/10	LFP	107.12	--	7.25	0.00	99.87	3,400		380		21,000	10	1	300	110	<1	22.6
MW-111	8/11/10	LFP	107.12		7.92	0.00	99.20	1,300		<700		9,200	4	<1	220	55	<1	20.2
MW-111	11/3-4/10	LFP	107.12	--	6.12	0.00	101.00	1,700		640		7,000	4	<1	160	68	<1	29.5
MW-111	2/3-4/11	LFP	107.12		6.91	0.00	100.21	2,800		<340		14,000	10	0.9	250	72	<0.5	19.9
MW-111	5/24/11	LFP	107.12	--	7.03	0.00	100.09	500		130		2,700	<0.5	<0.5	65	15	<0.5	2.8
MW-111	8/23-24/11	LFP	107.12		9.16	0.00	97.96	1,600		<69		6,900	3	<0.5	130	11	<0.5	12.2
MW-111	11/7-9/11	LFP	107.12	--	7.85	0.00	99.27	4,700		<730		20,000	1	<1	140	26	<1	45.8
MW-111	2/6-8/12	LFP	107.12	--	6.55	0.00	100.57	690		110		5,100	5	<0.5	140	<0.5	<0.5	22.1
MW-111	5/2-4/12	LFP	107.12	--	6.50	0.00	100.62	420		<68		4,400	5	0.7	170	23	<0.5	8.9
MW-111	8/1-3/12	LFP	107.12	--	7.93	0.00	99.19	620		140		6,900	0.6	<0.5	<0.5	12	<0.5	22.9
MW-111	11/26-28/12	LFP	107.12	--	6.07	0.00	101.05	15,000		<3,500		5,200	4	<0.5	140	32	<0.5	36.1
MW-111	02/4-6/13	LFP	107.12	--	6.53	0.00	100.59	2,300		710		7,500	<3	<3	120	24	<0.5	17.8
MW-111	05/6-8/13	LFP	107.12	--	7.46	0.00	99.66	300		<67		5,500	2	<0.5	100	13	<0.5	16.6
MW-111	9/9-13/13	LFP	107.12		7.15	0.00	99.97	330/3,600		<66/89		5,500	1	<0.5	110	39	<0.5	59.4
MW-111	11/18-22/13	LFP	107.12	--	6.42	0.00	100.70	370/1,000		<66/<66		3,300	0.9	<0.5	77	13	<0.5	17.8
MW-111	2/4-11/14	LFP	107.12		7.11	0.00	100.01	410/1,000		<68/<68		4,800	1	<0.5	75	7	<0.5	27.3

Table 2. Summary of Groundwater Monitoring Data
COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
101 Mulford Road
Toledo, Washington

Well	Date	Purge Method	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	LNAPLT (ft.)	GWE[3] (ft.)	TPH-DRO[4]	TPH-DRO w/Si gel	TPH-HRO[4]	TPH-HRO w/Si gel	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	D. Lead
MW-111	6/12-14/14	LFP	107.12	--	7.70	0.00	99.42	**380/1,200**		<67/83		**4,200**	2	<0.5	130	14	<0.5	**16.1**
MW-111	8/18-21/14	LFP	107.12	--	8.07	0.00	99.05	**310/1,400**		<67/100		**4,700**	1	<0.5	49	1	<0.5	1.09
MW-111	11/19-20/14	LFP	107.12	--	6.47	0.00	100.65	**430/1,800**		<69/320		**6,000**	2	<0.5	120	11	<0.5	**45.3**
MW-111	2/17-20/15	LFP	107.12	--	6.57	0.00	100.55	230/730		<68/180		**3,600**	1	<0.5	44	3	<0.5	14.3
MW-111	5/11-15/15	LFP	107.12	--	9.02	0.00	98.10	**320/1,000**		<66/<66		**4,400**	**1**	<0.5	71	5	<0.5	0.0202
MW-111	8/10-11/15	LFP	107.12	--	8.43	0.00	98.69	**470/2,700**		<67/93		**4,500**	**<3**	**<3**	**31**	**6**	<3	12.5
MW-111	11/16-18/15	LFP	107.12	--	4.59	0.00	102.53	150/450		<67/270		**1,900**	<0.5	<0.5	9	1	<0.5	0.0078
MW-111	5/13-14/16	LFP	107.12		8.95	0.00	98.17	**350/1,200**		**680/1,600**		**4,200**	<0.5	<0.5	19	2		7.8
MW-111	11/14/16	LFP	107.12	--	--	--	--	WELL FLOODED-UNABLE TO ACCESS										
MW-111	5/11/18		107.12	--	7.57	0	99.55	**1,400**	440	**970**	400	**6,600**	**14**	2	45	3	<0.5	13.8
MW-111	11/11-12/2018		107.12	--	7.31	0	99.81	**3,300**	300	320	<68	**4,000**	3	0.6	33	3	--	**92.8**
MW-111	4/27/19		107.12	--	7.11	0	100.01	**1,800**	**900**	**1,900**	**1,100**	**5,800**	3	0.6 J	29	2 J	--	**17.8**
MW-111	11/3/19		107.12	--	7.31	0	99.81	**2,100**	250	**970**	400	**4,500**	1	0.3 J	20	2 J	--	**49.4**
MW-111	5/6/20		107.12	--	7.6	0	99.52	**1,530**	**739**	**1,670**	**1,050**	37.8 B J	0.824 J	0.394 J	14	1.53 J	--	10.2
MW-111	11/7/20		107.12	--	6.45	0	100.67	**1,300**	144 B J	**2,980**	494 B	511	<1.00	1.15	0.415 J	<3.00	--	1.84 J
MW-111	5/24/21		107.12	--	--	--	--	WELL FLOODED-UNABLE TO ACCESS										
MW-112	8/22/95		107.58	--	8.42	0.00	99.16	<250		<750		480	--	--	--	--	--	--
MW-112	11/28/95		107.58		6.73	0.00	100.85	<250		<750		150						5.8
MW-112	3/12/96		107.58	--	7.43	0.00	100.15	<250		<750		250	--	--	--	--	--	<2.0
MW-112	6/26/96		107.58	--	8.12	0.00	99.46	<250		<750		63.8	--	--	--	--	--	<2.0
MW-112	10/9/96		107.58	--	8.36	0.00	99.22	<250		<750		93.1	--	--	--	--	--	2.62
MW-112	2/12/97		107.58	--	7.11	0.00	100.47	322		<750		**1,250**	--	--	--	--	--	2.99
MW-112	4/22/97		107.58	--	6.85	0.00	100.73	<250		<750		323	--	--	--	--	--	<2.0
MW-112	8/5/97		107.58	--	8.45	0.00	99.13	<250		<750		124	--	--	--	--	--	<2.0
MW-112	11/11/97		107.58	--	7.26	0.00	100.32	<250		<750		112	--	--	--	--	--	<2.0
MW-112	2/11/98		107.58		7.25	0.00	100.33	<250		<750		658						<2.0
MW-112	5/28/98		107.58	--	7.46	0.00	100.12	315		<750		713	--	--	--	--	--	10.4
MW-112	8/20/98		107.58		9.64	0.00	97.94	<250		<750		<50						<1.0
MW-112	11/19/98		107.58	--	8.20	0.00	99.38	<250		<750		367	--	--	--	--	--	<1.0
MW-112	3/11/99		107.58		6.79	0.00	100.79	<250		<500		**1,370**						1.42
MW-112	5/25/99		107.58	--	7.97	0.00	99.61	<250		--		<80	--	--	--	--	--	--
MW-112	8/17/99		107.58		8.51	0.00	99.07	<250		<500		106						<1.6
MW-112	11/19/99		107.58	--	6.46	0.00	101.12	<250		--		<80	--	--	--	--	--	<1.0
MW-112	3/9/00		107.58	--	6.85	0.00	100.73	<250		<500		<80	--	--	--	--	--	<1.0
MW-112	6/13/00		107.58	--	7.48	0.00	100.10	<250		<500		**824**	--	--	--	--	--	2.14
MW-112	9/26/00		107.58	--	8.66	0.00	98.92	<250		<500		--	--	--	--	--	--	<1.0
MW-112	12/13/00		107.58	--	8.07	0.00	99.51	<250		<500		<80	--	--	--	--	--	<1.0
MW-112	2/28/01		107.58	--	7.77	0.00	99.81	<250		<500		<80	--	--	--	--	--	<1.0
MW-112	5/2/01		107.58	--	7.31	0.00	100.27	<250		<500		710	--	--	--	--	--	1.44
MW-112	10/30/02		107.58		8.95	0.00	98.63	<250		<500		95.7	<0.500	<0.500	<0.500	<1.00		2.63
MW-112	1/23/03		107.58	--	7.39	0.00	100.19	<250		<500		178	<0.500	<0.500	0.730	<1.00	--	<1.0'
MW-112	4/18/03		107.58		7.28	0.00	100.30	<250		<500		93.4	<0.500	<0.500	<0.500	<1.00		<1.0[5]
MW-112	7/11/03		107.58	--	8.68	0.00	98.90	--		--		<50.0	<0.500	<0.500	<0.500	<1.00	--	<1.0[5]
MW-112	10/31/03		107.58	--	8.04	0.00	99.54	<250		<500		<50.0	<0.500	<0.500	<0.500	<1.00	--	<1.0[5]
MW-112	12/30/03		107.58	--	6.62	0.00	100.96	<50		<77		<97	<0.5	<0.5	<0.5	<1.5	--	<1.2
MW-112	5/3/04		107.58	--	8.22	0.00	99.36	<250		<500		<50.0	<0.500	<0.500	<0.500	<1.00	--	<1.0[5]
MW-112	7/20/04		107.58	--	8.69	0.00	98.89	<250		<500		<50.0	<0.500	<0.500	<0.500	<1.00	--	--
MW-112	10/7/04		107.58	--	8.06	0.00	99.52	<82		<100		<50	--	--	--	--	--	--
MW-112	7/18/05		107.58	--	8.26	0.00	99.32	<77		<96		<48	--	--	--	--	--	--
MW-112	10/21/05		107.58		8.25	0.00	99.33	<82		<100		48						
MW-112	9/5/07		107.58	--	8.79	0.00	98.79	<79		<99		<50	--	--	--	--	--	0.52
MW-112	5/27-28/08	LFP	107.58		8.22	0.00	99.36	<80		<100		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.24
MW-112	8/27-29/08	LFP	107.58	--	8.26	0.00	99.32	<79		<99		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.92
MW-112	11/17-19/08	LFP	107.58		6.87	0.00	100.71	<30		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.057
MW-112	2/16-18/09	LFP	107.58	--	7.92	0.00	99.66	<30		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.51
MW-112	5/4-06/09	LFP	107.58	--	7.26	0.00	100.32	120		<69		380	2	<0.5	<0.5	<0.5	<0.5	2.1
MW-112	8/19-21/09	LFP	107.58	--	8.67	0.00	98.91	<30		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.27
MW-112	11/18-20/09	LFP	107.58	--	5.58	0.00	102.00	<29		<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.36
MW-112	2/8-10/10	LFP	107.58	--	7.35	0.00	100.23	<29		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.46
MW-112	5/12-13/10	LFP	107.58	--	7.77	0.00	99.81	<29		<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.58

Table 2. Summary of Groundwater Monitoring Data
COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
101 Mulford Road
Toledo, Washington

Well	Date	Purge Method	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	LNAPLT (ft.)	GWE[3] (ft.)	TPH-DRO[4]	TPH-DRO w/Si gel	TPH-HRO[4]	TPH-HRO w/Si gel	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	D. Lead
MW-112	8/12/10	LFP	107.58	--	8.45	0.00	99.13	<29		<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.29
MW-112	11/3-4/10	LFP	107.58		6.85	0.00	100.73	<29		<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.19
MW-112	2/3-4/11	LFP	107.58	--	8.21	0.00	99.37	49		89		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.56
MW-112	5/24/11	LFP	107.58		7.58	0.00	100.00	<29		270		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.49
MW-112	8/23-24/11	LFP	107.58	--	8.52	0.00	99.06	**860**		<66		72	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080
MW-112	11/7-9/11	LFP	107.58		8.35	0.00	99.23	<30		<70		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.24
MW-112	2/6-8/12	LFP	107.58	--	7.10	0.00	100.48	<29		<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.22
MW-112	5/2-4/12	LFP	107.58		7.20	0.00	100.38	<30		<69		68	<0.5	<0.5	<0.5	<0.5	<0.5	1.5
MW-112	8/1-3/12	LFP	107.58	--	8.45	0.00	99.13	<31		<72		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.39
MW-112	11/26-28/12	LFP	107.58	--	6.67	0.00	100.91	<30		<71		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.14
MW-112	02/4-6/13	LFP	107.58	--	7.22	0.00	100.36	<28		<66		50	<0.5	<0.5	<0.5	<0.5	<0.5	0.64
MW-112	5/6-8/13	LFP	107.58	--	8.00	0.00	99.58	<29		<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.47
MW-112	9/9-13/13	LFP	107.58	--	7.71	0.00	99.87	<29/32		<67/<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.85
MW-112	11/18-22/13	LFP	107.58	--	6.76	0.00	100.82	<29/33		<67/<67		68	<0.5	<0.5	<0.5	<0.5	<0.5	0.58
MW-112	2/4-11/2014	LFP	107.58	--	7.67	0.00	99.91	<29/<29		<68/<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.38
MW-112	6/12-14/14	LFP	107.58	INACCESSIBLE														
MW-112	8/18-21/14	LFP	107.58		-- I	8.63	0.00	98.95	<29/<29		<68/<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.36
MW-112	5/11/18		107.58		7.82	0.00	99.76	--	59	--	<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.2
MW-112	11/11-12/2018		107.58		7.81	0.00	99.77	--	<28	--	<66	<19	<0.2	<0.2	<0.4	<1	--	<1.1
MW-112	4/27/19		107.58		7.62	0.00	99.96	--	130	--	98 J	38 J	<0.2	<0.2	<0.4	<1	--	<1.1
MW-112	11/3/19		107.58		7.82	0.00	99.76	--	60 J	--	<68	38 J	<0.2	<0.2	<0.4	<1	--	0.25 J
MW-112	5/6/20		107.58		7.83	0.00	99.75	<200	--	<250	--	42.6 B J	<1.00	<1.00	<1.00	<3.00	--	<5.00
MW-112	11/7/20		107.58		6.94	0.00	100.64	<200	<200	131 J	<250	183 B	<1.00	<1.00	<1.00	<3.00	--	<5.00
MW-112	05/24/2021		107.58		8.21	0.00	99.37	72.0 J	72.0 J	<250	<250	61.1 BJ	<1.00	<1.00	<1.00	<3.00	--	<6.00
MW-113	8/22/95		108.44		9.26	0.00	99.18	320		<750		**3,100**						
MW-113	11/28/95		108.44	--	7.55	0.00	100.89	<250		<750		180	--	--	--	--	--	<2.0
MW-113	3/12/96		108.44		8.26	0.00	100.18	<250		<750		750						<2.0
MW-113	6/26/96		108.44	--	8.95	0.00	99.49	<250		<750		**809**	--	--	--	--	--	2.43
MW-113	10/9/96		108.44		9.21	0.00	99.23	<250		<750		494						2.95
MW-113	2/12/97		108.44	--	7.93	0.00	100.51	<250		<750		**1,600**	--	--	--	--	--	<2.0
MW-113	4/22/97		108.44	--	7.71	0.00	100.73	291		<750		748	--	--	--	--	--	<2.0
MW-113	8/5/97		108.44	--	9.37	0.00	99.07	<250		<750		**876**	--	--	--	--	--	<2.0
MW-113	11/11/97		108.44	--	8.04	0.00	100.40	<250		<750		<50	--	--	--	--	--	<2.0
MW-113	2/11/98		108.44	--	8.02	0.00	100.42	<250		<750		76.10	--	--	--	--	--	<2.0
MW-113	5/28/98		108.44	--	8.31	0.00	100.13	<250		<750		116	--	--	--	--	--	6.26
MW-113	8/20/98		108.44	--	10.48	0.00	97.96	<250		<750		235	--	--	--	--	--	<1.0
MW-113	11/19/98		108.44		9.02	0.00	99.42	<250		<750		<50						<1.0
MW-113	3/11/99		108.44	--	7.59	0.00	100.85	<250		<750		162	--	--	--	--	--	<1.0
MW-113	5/25/99		108.44		8.83	0.00	99.61	<250				321						
MW-113	8/17/99		108.44	--	9.34	0.00	99.10	<250		<500		265	--	--	--	--	--	1.2
MW-113	11/19/99		108.44		7.27	0.00	101.17	<250				<80						<1.0
MW-113	3/9/00		108.44	--	7.66	0.00	100.78	<250		<500		96.70	--	--	--	--	--	<1.0
MW-113	6/13/00		108.44		8.29	0.00	100.15	<250		<500		154						<1.0
MW-113	9/26/00		108.44	--	9.51	0.00	98.93	<250		<500		--	--	--	--	--	--	<1.0
MW-113	12/13/00		108.44	--	8.91	0.00	99.53	<250		**588**		<80	--	--	--	--	--	<1.0
MW-113	2/28/01		108.44	--	8.60	0.00	99.84	<250		<500		<80	--	--	--	--	--	<1.0
MW-113	5/2/01		108.44	--	8.14	0.00	100.30	<250		<500		<80	--	--	--	--	--	<1.0
MW-113	10/30/02		108.44	--	9.85	0.00	98.59	<250		<500		<80	<0.500	<0.500	<0.500	<1.0	--	1.55
MW-113	1/23/03		108.44	--	8.29	0.00	100.15	<250		<500		<80	<0.500	<0.500	<0.500	<1.0	--	<1.0[5]
MW-113	4/18/03		108.44	--	8.09	0.00	100.35	<250		<500		<50	<0.500	<0.500	<0.500	<1.0	--	<1.0[j]
MW-113	7/11/03		108.44		9.51	0.00	98.93	<250		<500		<50	<0.500	<0.500	<0.500	<1.0		<1.0[5]
MW-113	10/31/03		108.44	--	8.80	0.00	99.64	<250		<500		<50	<0.500	<0.500	<0.500	<1.0	--	<1.0'
MW-113	12/31/03		108.44		7.44	0.00	101.00	<50		<77		<97	<0.5	<0.5	<0.5	<1.5		<1.2
MW-113	5/3/04		108.44	--	9.14	0.00	99.30	<250		<500		<50	<0.500	<0.500	<0.500	<1.0	--	<1.0[5]
MW-113	7/20/04		108.44	--	9.58	0.00	98.86	<250		<500		<50	<0.500	<0.500	<0.500	<1.0	--	--
MW-113	10/6/04		108.44	--	8.92	DRY	--	--		--		--	--	--	--	--	--	--
MW-113	1/27/05		108.44	--	8.15	0.00	--	<84		<110		<48	--	--	--	--	--	--
MW-113	4/12/05		108.44	--	7.76	0.00	--	<88		<110		<48	--	--	--	--	--	--
MW-113	7/18/05		108.44	--	9.11	0.00	--	<79		<98		<48	--	--	--	--	--	--
MW-113	10/26/05		108.44	--	9.10	0.00	--	<82		<100		<48	--	--	--	--	--	--

Table 2. Summary of Groundwater Monitoring Data
COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
101 Mulford Road
Toledo, Washington

Well	Date	Purge Method	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	LNAPLT (ft.)	GWE[3] (ft.)	TPH-DRO[4]	TPH-DRO w/Si gel	TPH-HRO[4]	TPH-HRO w/Si gel	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	D. Lead
MW-113	9/5/07		108.44		9.59	0.00	98.85	<82		<100		<50						0.32
MW-113	9/5/07 (D)		108.44	--	9.59	0.00	98.85	<82		<100		<50	--	--	--	--	--	0.32
MW-113	5/27-28/08	LFP	108.44		9.02	0.00	99.42	<82		<100		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.16
MW-113	8/27-29/08	LFP	108.44	--	9.10	0.00	99.34	<81		<100		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.19
MW-113	11/17-19/08	LFP	108.44		7.68	0.00	100.76	<30		<70		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-113	2/16-18/09	LFP	108.44	--	8.75	0.00	99.69	<29		<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.087
MW-113	5/4-6/09	LFP	108.44	--	8.28	0.00	100.16	<30		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-113	8/19-21/09	LFP	108.44	--	9.50	0.00	98.94	<31		<71		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.14
MW-113	11/18-20/09	LFP	108.44	--	6.39	0.00	102.05	<29		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.16
MW-113	2/8-10/10	LFP	108.44	--	8.15	0.00	100.29	<29		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-113	5/12-13/10	LFP	108.44	--	8.60	0.00	99.84	<29		<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.093
MW-113	8/12/10	LFP	108.44	--	9.29	0.00	99.15	<29		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.077
MW-113	11/3-4/10	LFP	108.44		7.65	0.00	100.79	<29		<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052
MW-113	2/3-4/11	LFP	108.44	--	8.26	0.00	100.18	<30		<71		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052
MW-113	5/24/11	LFP	108.44		8.42	0.00	100.02	<30		330		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052
MW-113	8/23-24/11	LFP	108.44	--	9.32	0.00	99.12	<30		<70		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.096
MW-113	11/7-9/11	LFP	108.44		9.20	0.00	99.24	<29		<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.12
MW-113	2/6-8/12	LFP	108.44	--	7.95	0.00	100.49	<30		<70		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080
MW-113	5/2-4/12	LFP	108.44		8.00	0.00	100.44	<30		<70		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080
MW-113	8/1-3/12	LFP	108.44	--	9.30	0.00	99.14	<31		<72		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.048
MW-113	11/26-28/12	LFP	108.44	--	7.49	0.00	100.95	<30		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.047
MW-113	02/4-6/13	LFP	108.44	--	8.06	0.00	100.38	30		<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073
MW-113	05/6-8/13	LFP	108.44	--	8.83	0.00	99.61	<29		<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073
MW-113	9/9-13/13	LFP	108.44	--	8.56	0.00	99.88	<28/<28		<66/<66		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.12
MW-113	11/18-21/13	LFP	108.44	--	7.74	0.00	100.70	<29/<29		<67/<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.11
MW-113	2/4-11/14	LFP	108.44	--	6.56	0.00	101.88	<29/<29		<69/<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085
MW-113	6/12-14/14	LFP	108.44		8.79	0.00	99.65	<29/<29		<67/<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085
MW-113	8/18-21/14	LFP	108.44	--	9.39	0.00	99.05	<30/<30		<71/<71		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.35
MW-113	11/19-20/14	LFP	108.44		8.59	0.00	99.85	<29/<29		<67/<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082
MW-113	2/17-20/15	LFP	108.44	--	8.01	0.00	100.43	<30/<30		<70/<70		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082
MW-113	5/11-15/15	LFP	108.44	--	9.08	0.00	99.36	<29/<29		<671<67		75	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082
MW-113	8/10-11/15	LFP	108.44	--	9.28	0.00	99.16	<28/<28		<66/<66		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.13
MW-113	11/16-18/15	LFP	108.44	--	5.99	0.00	102.45	<29/<29		<68/<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.00019
MW-113	5/13-14/16	LFP	108.44	--	8.95	0.00	99.49	<29		<67		<50	<0.5	<0.5	<0.5	<0.5	--	<0.13
MW-113	11/14/16	LFP	108.44	--	7.73	0.00	100.71	57		<66		<50	<0.5	<0.5	<0.5	<0.5	--	<0.090
MW-113	5/11/18		108.44		8.65	0.00	99.79	--	<28	--	<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.11
MW-113	11/11-12/2018		108.44		8.68	0.00	99.76	--	<28	--	<65	<19	<0.2	<0.2	<0.4	<1	--	<1.1
MW-113	4/27/19		108.44		8.11	0.00	100.33	--	81 J	--	130 J	<19	<0.2	<0.2	<0.4	<1	--	<1.1
MW-113	11/3/19		108.44		8.65	0.00	99.79	--	100	--	<66	<19	<0.2	<0.2	<0.4	<1	--	0.25 J
MW-113	5/6/20		108.44		8.67	0.00	99.77	<200	--	<250	--	<100	<1.00	<1.00	<1.00	<3.00	--	<5.00
MW-113	11/7/20		108.44		7.77	0	100.67	<200	<200	<250	<250	44.4 B J	<1.00	<1.00	<1.00	<3.00	--	0.888 J
MW-113	05/24/2021		108.44		9.11	0	99.33	<200	<200	<250	<250	<100	<1.00	<1.00	<1.00	<3.00	--	<6.00
MW-114	8/22/95		106.89		7.47	0.00	99.42	<250		<750		<50						
MW-114	11/28/95		106.89	--	5.83	0.00	101.06	<250		<750		<50	--	--	--	--	--	<2.0
MW-114	3/12/96		106.89		6.39	0.00	100.50	<250		<750		<50						<2.0
MW-114	6/26/96		106.89	--	7.11	0.00	99.78	<250		<750		<50	--	--	--	--	--	<2.0
MW-114	10/9/96		106.89		7.42	0.00	99.47	<250		<750		<50						<2.0
MW-114	2/12/97		106.89	--	5.47	0.00	101.42	<250		<750		<50	--	--	--	--	--	<2.0
MW-114	4/22/97		106.89	--	14.30	0.00	92.59	<250		<750		<50	--	--	--	--	--	<2.0
MW-114	8/5/97		106.89	--	7.65	0.00	99.24	<250		**1,410**		<50	--	--	--	--	--	<2.0
MW-114	11/11/97		106.89	--	6.45	0.00	100.44	<250		<750		<50	--	--	--	--	--	<2.0
MW-114	2/11/98		106.89	--	6.23	0.00	100.66	<250		<750		<50	--	--	--	--	--	<2.0
MW-114	5/28/98		106.89	--	6.44	0.00	100.45	<250		<750		<50	--	--	--	--	--	5.91
MW-114	8/20/98		106.89	--	8.75	0.00	98.14	<250		<750		<50	--	--	--	--	--	<1.0
MW-114	11/19/98		106.89		7.05	0.00	99.84	<250		<750		<50						<1.0
MW-114	3/11/99		106.89	--	5.90	0.00	100.99	<250		<500		<80	--	--	--	--	--	<1.0
MW-114	5/25/99		106.89		7.10	0.00	99.79	<250				<80						
MW-114	8/17/99		106.89	--	7.59	0.00	99.30	<250		**607**		<80	--	--	--	--	--	<1.0
MW-114	11/19/99		106.89		5.59	0.00	101.30	<250				<80						<1.0
MW-114	3/9/00		106.89	--	5.98	0.00	100.91	<250		<500		<80	--	--	--	--	--	<1.0

Table 2. Summary of Groundwater Monitoring Data
COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
101 Mulford Road
Toledo, Washington

Well	Date	Purge Method	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	LNAPLT (ft.)	GWE[3] (ft.)	TPH-DRO[4]	TPH-DRO w/Si gel	TPH-HRO[4]	TPH-HRO w/Si gel	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	D. Lead
MW-114	6/13/00		106.89		6.04	0.00	100.85	<250		<500		<80						<1.0
MW-114	9/26/00		106.89	--	7.81	0.00	99.08	<250		<500		--	--	--	--	--	--	<1.0
MW-114	12/13/00		106.89	--	7.06	0.00	99.83	<250		<500		--	--	--	--	--	--	<1.0
MW-114	2/28/01		106.89	--	6.79	0.00	100.10	<250		<500		<80	--	--	--	--	--	<1.0
MW-114	5/2/01		106.89	--	8.84	0.00	98.05	<250		**1,880**		<80	--	--	--	--	--	<1.0
MW-114	10/30/02		106.89	--	8.32	0.00	98.57	<250		**1,090**		115	<0.500	<0.500	1.17	5.18	--	1.01
MW-114	1/23/03		106.89	MONITORED/SAMPLED ANNUALLY						--		--	--	--	--	--	--	--
MW-114	4/18/03		106.89	MONITORED/SAMPLED ANNUALLY						--		--	--	--	--	--	--	--
MW-114	7/11/03		106.89	MONITORED/SAMPLED ANNUALLY														
MW-114	10/31/03		106.89			-- I	6.61	0.00 I 100.28 I <250		<500		<50.0	<0.500	<0.500	<0.500	<1.0	--	<1.0'
MW-114	12/30/03		106.89			I	5.81	0.00 101.08 <50		480		**3,600**	<0.5	<0.5	<0.5	<1.5		<1.2
MW-114	5/3/04		106.89	MONITORED/SAMPLED ANNUALLY						--		--	--	--	--	--	--	--
MW-114	7/20/04		106.89	MONITORED/SAMPLED ANNUALLY						--		--	--	--	--	--	--	--
MW-114	10/6/04		106.89	--	6.98	0.00	99.91	<76		<95		<50	--	--	--	--	--	--
MW-114	10/24/05		106.89	--	7.28	0.00	99.61	<79		<99		<48	--	--	--	--	--	--
MW-114	9/5/07		106.89	--	7.87	0.00	99.02	94		**810**		<50	--	--	--	--	--	0.38
MW-114	5/27-28/08	LFP	106.89	--	7.19	0.00	99.70	<1,600		**15,000**		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.14
MW-114	8/27-29/08	LFP	106.89	--	7.30	0.00	99.59	270		**2,200**		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.25
MW-114	11/17-19/08	LFP	106.89		6.01	0.00	100.88	330		**4,600**		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.13
MW-114	2/16-18/09	LFP	106.89	--	6.91	0.00	99.98	210		**1,900**		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.22
MW-114	5/4-6/09	LFP	106.89		6.42	0.00	100.47	180		**1,400**		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.43
MW-114	8/19-21/09	LFP	106.89	--	7.78	0.00	99.11	<30		<71		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.79
MW-114	11/18-20/09	LFP	106.89		5.10	0.00	101.79	<30		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.34
MW-114	2/8-10/10	LFP	106.89	--	6.38	0.00	100.51	110		**790**		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.19
MW-114	5/12-13/10	LFP	106.89	--	6.71	0.00	100.18	<30		80		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.23
MW-114	8/11/10	LFP	106.89	--	7.45	0.00	99.44	<29		220		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.15
MW-114	11/3-4/10	LFP	106.89	--	5.88	0.00	101.01	<29		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.24
MW-114	2/3-4/11	LFP	106.89	--	6.48	0.00	100.41	60		460		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.10
MW-114	5/23/11	LFP	106.89	--	6.55	0.00	100.34	55		380		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.36
MW-114	8/23-24/11	LFP	106.89	--	7.70	0.00	99.19	130		**1,500**		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.41
MW-114	11/7-9/11	LFP	106.89		7.35	0.00	99.54	120		**950**		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.19
MW-114	2/6-8/12	LFP	106.89	--	6.25	0.00	100.64	<29		180		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.088
MW-114	5/2-4/12	LFP	106.89		5.95	0.00	100.94	<30		140		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.72
MW-114	8/1-3/12	LFP	106.89	--	7.50	0.00	99.39	140		**910**		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.084
MW-114	11/26-28/12	LFP	106.89		5.88	0.00	101.01	<31		<72		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.19
MW-114	02/4-6/13	LFP	106.89	--	6.27	0.00	100.62	<29		<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.13
MW-114	05/6-8/13	LFP	106.89		6.97	0.00	99.92	<29		<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.20
MW-114	9/9-13/13	LFP	106.89	--	6.96	0.00	99.93	<29/60		<67/260		<50	<0.5	<0.5	<0.5	<0.5	<0.5	2.3
MW-114	11/18-22/13	LFP	106.89	--	8.36	0.00	98.53	200/99		<68/340		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.10
MW-114	02/4-11/14	LFP	106.89	--	6.56	0.00	100.33	<29/<29		<67/71		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.12
MW-114	6/12-14/14	LFP	106.89	--	6.96	0.00	99.93	38/94		340/820		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.18
MW-114	8/18-21/14	LFP	106.89	--	7.57	0.00	99.32	<29/<29		<67/<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.10
MW-114	11/19-20/14	LFP	106.89	--	6.75	0.00	100.14	<28/<28		<66/140		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.20
MW-114	2/17-20/15	LFP	106.89	--	6.31	0.00	100.58	<30/<30		<69/<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082
MW-114	5/11-15/15	LFP	106.89		6.89	0.00	100.00	<29/<29		<67/<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.55
MW-114	8/10-11/15	LFP	106.89	--	8.03	0.00	98.86	<29/130		170/570		<50	<0.5	<0.5	<0.5	<0.5	<0.5	39.2
MW-114	11/16-18/15	LFP	106.89		4.54	0.00	102.35	<29/49		<67/280		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.0145
MW-114	5/13-14/16	LFP	106.89	--	7.97	0.00	98.92	35/67		260/490		<50	<0.5	<0.5	<0.5	<0.5	--	<0.13
MW-114	11/14/16	LFP	106.89	--	5.40	0.00	101.49	36/220		280/790		<50	<0.5	<0.5	<0.5	<0.5	--	2.5000
MW-114	5/11/18		106.89		6.70	0.00	100.19	29	<28	230	98	<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.4
MW-114	11/11-12/2018		106.89		--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-114	4/27/19		106.89		6.60	0.00	100.29	99	<29	300	<66	<19	<0.2	<0.2	<0.4	<1	--	5
MW-114	11/3/19		106.89		6.80	0.00	100.09	110	<30	670	310	<19	<0.2	<0.2	<0.4	<1	--	0.21 J
MW-114	5/6/20		106.89		6.77	0.00	100.12	<200	--	<250	--	38.2 B J	<1.00	<1.00	<1.00	<3.00	--	<5.00
MW-114	11/7/20		106.89		5.95	0.00	100.94	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY										
MW-114	05/24/2021		106.89		7.26	0.00	99.63	<200	<200	83.9 J	83.9 J	<100	<1.00	<1.00	<1.00	<3.00	--	<6.00
MW-115	8/22/95		107.94	--	8.79	0.00	99.15	<250		<750		**1,800**	--	--	--	--	--	--
MW-115	11/28/95		107.94	--	7.05	0.00	100.89	<250		<750		460	--	--	--	--	--	<2.0
MW-115	3/12/96		107.94	--	7.76	0.00	100.18	<250		<750		630	--	--	--	--	--	<2.0
MW-115	6/26/96		107.94	--	8.45	0.00	99.49	<250		<750		706	--	--	--	--	--	<2.0

Table 2. Summary of Groundwater Monitoring Data
COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
101 Mulford Road
Toledo, Washington

Well	Date	Purge Method	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	LNAPLT (ft.)	GWE[3] (ft.)	TPH-DRO[4]	TPH-DRO w/Si gel	TPH-HRO[4]	TPH-HRO w/Si gel	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	D. Lead
MW-115	10/9/96		107.94		8.71	0.00	99.23	<250		<750		722						2.54
MW-115	2/12/97		107.94	--	7.48	0.00	100.46	<250		<750		58	--	--	--	--	--	<2.0
MW-115	4/22/97		107.94		7.25	0.00	100.69	<250		<750		<50						<2.0
MW-115	8/5/97		107.94	--	8.77	0.00	99.17	<250		<750		611	--	--	--	--	--	2.0
MW-115	11/11/97		107.94		7.71	0.00	100.23	<250		<750		57						<2.0
MW-115	2/11/98		107.94	--	7.72	0.00	100.22	<250		<750		89.5	--	--	--	--	--	<2.0
MW-115	5/28/98		107.94	--	7.92	0.00	100.02	<250		<750		<50	--	--	--	--	--	8.08
MW-115	8/20/98		107.94	--	9.18	0.00	98.76	<250		<750		155	--	--	--	--	--	<1.0
MW-115	11/19/98		107.94	--	8.58	0.00	99.36	<250		<750		<50	--	--	--	--	--	<1.0
MW-115	3/11/99		107.94	--	7.12	0.00	100.82	<250		<750		<80	--	--	--	--	--	<1.0
MW-115	5/25/99		107.94	--	8.33	0.00	99.61	<250		--		<80	--	--	--	--	--	--
MW-115	8/17/99		107.94	--	8.87	0.00	99.07	<250		<500		163	--	--	--	--	--	1.4
MW-115	11/19/99		107.94		6.82	0.00	101.12	<250				<80						<1.0
MW-115	3/9/00		107.94	--	7.20	0.00	100.74	<250		<500		103	--	--	--	--	--	<1.0
MW-115	6/13/00		107.94		7.82	0.00	100.12					<80						<1.0
MW-115	9/26/00		107.94	--	9.02	0.00	98.92	<250		<500		--	--	--	--	--	--	1.02
MW-115	12/13/00		107.94		8.43	0.00	99.51	<250		<500		313						<1.0
MW-115	2/28/01		107.94	--	8.13	0.00	99.81	<250		<500		177	--	--	--	--	--	<1.0
MW-115	5/2/01		107.94		10.37	0.00	97.57	<250		<500		162						<1.0
MW-115	10/30/02		107.94	--	9.33	0.00	98.61	<250		<500		175	<0.500	<0.500	<0.500	<1.0	--	4.36
MW-115	1/23/03		107.94	MONITORED/SAMPLED ANNUALLY						--		--	--	--	--	--	--	--
MW-115	4/18/03		107.94	MONITORED/SAMPLED ANNUALLY						--		--	--	--	--	--	--	--
MW-115	7/11/03		107.94	MONITORED/SAMPLED ANNUALLY						--		--	--	--	--	--	--	--
MW-115	10/31/03		107.94	--	8.30	0.00	99.64	<250		<500		78.9	<0.500	<0.500	<0.500	<1.0	--	<1.0'
MW-115	12/31/03		107.94	--	6.98	0.00	100.96	<50		<79		<99	<0.5	<0.5	<0.5	<1.5	--	<1.2
MW-115	5/3/04		107.94	MONITORED/SAMPLED ANNUALLY						--		--	--	--	--	--	--	--
MW-115	7/20/04		107.94	MONITORED/SAMPLED ANNUALLY														
MW-115	10/6/04		107.94			-- I 8.43	0.00 I	99.51 I	<160	<200		<50	--	--	--	--	--	--
MW-115	10/21/05		107.94		8.67	0.00	99.27	<81		<100		<48						
MW-115	10/21/05(D)		107.94	--	8.67	0.00	99.27	<82		<100		<48	--	--	--	--	--	--
MW-115	9/5/07		107.94	--	9.11	0.00	98.83	<76		<95		<50	--	--	--	--	--	0.37
MW-115	5/27-28/08		107.94	UNABLE TO LOCATE			--	--		--		--	--	--	--	--	--	--
MW-115	8/27-29/08	LFP	107.94	--	8.63	0.00	99.31	<82		<100		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.35
MW-115	11/17-19/08	LFP	107.94	--	7.25	0.00	100.69	<30		<70		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.097
MW-115	2/16-18/09	LFP	107.94	--	8.31	0.00	99.63	<31		<71		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.17
MW-115	5/4-6/09	LFP	107.94	--	7.66	0.00	100.28	42		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.36
MW-115	8/19-21/09	LFP	107.94		9.04	0.00	98.90	320		**2,700**		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.64
MW-115	10/19/09	LFP	107.94	--	8.70	0.00	99.24	<29		<68		--	--	--	--	--	--	--
MW-115	11/18-20/09	LFP	107.94		5.85	0.00	102.09	<29		<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.92
MW-115	2/8-10/10	LFP	107.94	--	7.69	0.00	100.25	<29		<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.17
MW-115	5/12-13/10	LFP	107.94		8.14	0.00	99.80	30		<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.20
MW-115	8/12/10	LFP	107.94	--	8.81	0.00	99.13	<29		<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.92
MW-115	11/3-4/10	LFP	107.94	--	7.07	0.00	100.87	<30		<70		70	<0.5	<0.5	<0.5	<0.5	<0.5	0.83
MW-115	2/3-4/11	LFP	107.94	--	7.81	0.00	100.13	33		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.11
MW-115	5/24/11	LFP	107.94	--	7.95	0.00	99.99	42		220		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.53
MW-115	8/23-24/11	LFP	107.94	--	9.05	0.00	98.89	68		74		73	<0.5	<0.5	<0.5	<0.5	<0.5	1.2
MW-115	11/7-9/11	LFP	107.94	--	8.70	0.00	99.24	<29		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.60
MW-115	2/6-8/12	LFP	107.94	--	7.55	0.00	100.39	<29		<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080
MW-115	5/2-4/12	LFP	107.94		7.55	0.00	100.39	<29		<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080
MW-115	8/1-3/12	LFP	107.94	--	8.82	0.00	99.12	<30		<70		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.63
MW-115	11/26-28/12	LFP	107.94		7.04	0.00	100.90	<29		<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.052
MW-115	02/4-6/13	LFP	107.94	--	7.58	0.00	100.36	<29		<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073
MW-115	05/6-8/13	LFP	107.94		8.34	0.00	99.60	<29		<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.41
MW-115	9/9-13/13	LFP	107.94	--	8.09	0.00	99.85	<28/31		<66/<66		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.89
MW-115	11/18-21/13	LFP	107.94		7.45	0.00	100.49	<29/<29		<67/<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.45
MW-115	2/4-11/14	LFP	107.94	--	8.05	0.00	99.89	<28/<28		<66/<66		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.43
MW-115	6/12-14/14	LFP	107.94	INACCESSIBLE			--	--		--		--	--	--	--	--	--	--
MW-115	8/18-21/14	LFP	107.94	--	8.88	0.00	99.06	<29/36		<68/<68		66	<0.5	<0.5	<0.5	<0.5	<0.5	0.82
MW-115	11/19-20/14	LFP	107.94	--	8.07	0.00	99.87	<28/<28		<66/<66		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.28
MW-115	2/17-20/15	LFP	107.94	--	7.57	0.00	100.37	<29/<29		<67/<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082
MW-115	5/11-15/15	LFP	107.94	--	8.33	0.00	99.61	<29/<29		<68/<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.60

Table 2. Summary of Groundwater Monitoring Data
COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
101 Mulford Road
Toledo, Washington

Well	Date	Purge Method	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	LNAPLT (ft.)	GWE[3] (ft.)	TPH-DRO[4]	TPH-DRO w/Si gel	TPH-HRO[4]	TPH-HRO w/Si gel	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	D. Lead
MW-115	8/10-11/15	LFP	107.94	--	9.28	0.00	98.66	<28/33		<66/<66		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.71
MW-115	11/16-18/15	LFP	107.94		6.53	0.00	101.41	<29/<29		<67/<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.00
MW-115	5/13-14/16	LFP	107.94	--	8.48	0.00	99.46	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY										
MW-115	11/14/2016	LFP	107.94	--	7.32	0.00	100.59	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY										
MW-115	5/11/18		107.94		8.2	0	99.74	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY										
MW-115	11/11-12/2018		107.94		8.31	0	99.63	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY										
MW-115	4/27/19		107.94		7.49	0	100.45	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY										
MW-115	11/3/19		107.94		8.2	0	99.74	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY										
MW-115	Nov 2019		107.94		--	--	--	WELL ABANDONED										
MW-116	8/22/95		107.56	--	8.82	0.00	98.74	<250		<750		<50	--	--	--	--	--	--
MW-116	3/12/96		107.56	--	8.08	0.00	99.48	<250		<750		<50	--	--	--	--	--	<2.0
MW-116	10/9/96		107.56	--	8.69	0.00	98.87	<250		<750		<50	--	--	--	--	--	<2.0
MW-116	2/12/97		107.56	--	7.86	0.00	99.70	<250		<750		<50	--	--	--	--	--	<2.0
MW-116	4/22/97		107.56	--	7.65	0.00	99.91	<250		<750		<50	--	--	--	--	--	<2.0
MW-116	8/5/97		107.56	--	8.71	0.00	98.85	<250		<750		<50	--	--	--	--	--	<2.0
MW-116	11/11/97		107.56		8.07	0.00	99.49	<250		<750		<50						<2.0
MW-116	2/11/98		107.56	--	8.06	0.00	99.50	<250		<750		<50	--	--	--	--	--	<2.0
MW-116	5/28/98		107.56		8.25	0.00	99.31	<250		<750		<50						4.66
MW-116	8/20/98		107.56	--	9.05	0.00	98.51	<250		<750		<50	--	--	--	--	--	<1.0
MW-116	11/19/98		107.56		9.16	0.00	98.40	<250		<750		<50						<1.0
MW-116	3/11/99		107.56	--	7.64	0.00	99.92	<250		<750		<80	--	--	--	--	--	<1.0
MW-116	5/25/99		107.56	--	8.40	0.00	99.16	<250		--		<80	--	--	--	--	--	--
MW-116	8/17/99		107.56	--	8.78	0.00	98.78	<250		<500		<80	--	--	--	--	--	<1.0
MW-116	11/19/99		107.56	--	7.60	0.00	99.96	<250		--		<80	--	--	--	--	--	<1.0
MW-116	3/9/00		107.56	--	7.70	0.00	99.86	<250		<500		<80	--	--	--	--	--	<1.0
MW-116	6/13/00		107.56	--	8.37	0.00	99.19	--		--		<80	--	--	--	--	--	<1.0
MW-116	9/26/00		107.56	--	8.88	0.00	98.68	<250		<500		--	--	--	--	--	--	<1.0
MW-116	12/13/00		107.56		8.52	0.00	99.04	<250		<500								<1.0
MW-116	2/28/01		107.56	--	8.25	0.00	99.31	<250		<500		<80	--	--	--	--	--	<1.0
MW-116	5/2/01		107.56		10.84	0.00	96.72	<250		<500		<80						<1.0
MW-116	10/30/02		107.56	UNABLE TO LOCATE			--	--		--		--	--	--	--	--	--	--
MW-116	1/23/03		107.56	UNABLE TO LOCATE														
MW-116	4/18/03		107.56	UNABLE TO LOCATE			--	--		--		--	--	--	--	--	--	--
MW-116	7/11/03		107.56	UNABLE TO LOCATE														
MW-116	10/31/03		107.56	UNABLE TO LOCATE			--	--		--		--	--	--	--	--	--	--
MW-116	12/30/03		107.56		-- I	7.54	0.00	100.02	<50		<79		<99	<0.5	<0.5	<0.5	<1.5	--	<1.2
MW-116	5/3/04		107.56	UNABLE TO LOCATE			--	--		--		--	--	--	--	--	--	--
MW-116	7/20/04		107.56	--	8.92	0.00	98.64	<284		<568		<50	<0.500	<0.500	<0.500	<1.00	--	--
MW-116	10/7/04		107.56	--	7.54	0.00	100.02	<75		<94		<50	--	--	--	--	--	--
MW-116	10/20/05		107.56	--	8.73	0.00	98.83	<81		<100		<48	--	--	--	--	--	--
MW-116	9/6/07		107.56	--	9.00	0.00	98.56	<76		<95		<50	--	--	--	--	--	0.15
MW-116	5/27-28/08		107.56	INACCESSIBLE														
MW-116	8/27-29/08	LFP	107.56		-- I	8.68	0.00	98.88	89		<100		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-116	11/17-19/08	LFP	107.56		7.93	0.00	99.63	<30		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-116	2/16-18/09	LFP	107.56	--	8.45	0.00	99.11	**590**		350		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.11
MW-116	5/4-6/09	LFP	107.56	--	8.20	0.00	99.36	<30		<70		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-116	8/19-21/09	LFP	107.56	--	8.91	0.00	98.65	34		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-116	11/18-20/09	LFP	107.56	--	6.85	0.00	100.71	<29		<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.11
MW-116	2/8-10/10	LFP	107.56	--	8.07	0.00	99.49	<28		<66		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.10
MW-116	8/12/10	LFP	107.56	--	8.78	0.00	98.78	<30		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.15
MW-116	11/3-4/10	LFP	107.56	--	8.04	0.00	99.52	<29		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052
MW-116	2/3-4/11	LFP	107.56		8.16	0.00	99.40	<29		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052
MW-116	5/24/11		107.56	UNABLE TO LOCATE				--		--		--	--	--	--	--	--	--
MW-116	8/23-24/11	LFP	107.56		9.00	0.00	98.56	<31		<71		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080
MW-116	11/7-9/11	LFP	107.56	--	8.75	0.00	98.81	<30		<70		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080
MW-116	2/6-8/12	LFP	107.56		8.05	0.00	99.51	<29		<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080
MW-116	5/2-4/12	LFP	107.56	--	8.10	0.00	99.46	<30		<70		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080
MW-116	8/1-3/12	LFP	107.56	--	8.80	0.00	98.76	<30		<71		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.034
MW-116	11/26-28/12	LFP	107.56	--	7.84	0.00	99.72	<30		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.047

Table 2. Summary of Groundwater Monitoring Data
COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
101 Mulford Road
Toledo, Washington

Well	Date	Purge Method	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	LNAPLT (ft.)	GWE[3] (ft.)	TPH-DRO[4]	TPH-DRO w/Si gel	TPH-HRO[4]	TPH-HRO w/Si gel	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	D. Lead
MW-116	02/4-6/13	LFP	107.56	--	8.04	0.00	99.52	<29		<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073
MW-116	05/6-8/13	LFP	107.56	--	8.51	0.00	99.05	<29		<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073
MW-116	9/9-13/13	LFP	107.56	--	8.61	0.00	98.95	<28/<28		<66/<66		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085
MW-116	11/18-21/13	LFP	107.56	--	8.15	0.00	99.41	<29/<29		<67/<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.10
MW-116	2/4-11/14	LFP	107.56		8.28	0.00	99.28	<29/<29		<68/<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085
MW-116	6/12-14/14	LFP	107.56	INACCESSIBLE			--	--		--		--	--	--	--	--	--	--
MW-116	8/18-21/14	LFP	107.56		8.83	0.00	98.73	<29/38		<67/<67		68	<0.5	<0.5	<0.5	<0.5	<0.5	0.78
MW-116	11/19-20/14	LFP	107.56	--	8.38	0.00	99.18	<28/<28		<66/<66		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082
MW-116	2/17-20/15	LFP	107.56		8.08	0.00	99.48	<30/<30		<69/<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.17
MW-116	5/11-15/15	LFP	107.56	--	8.71	0.00	98.85	<29/<29		<68/<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082
MW-116	8/10-11/15	LFP	107.56		9.17	0.00	98.39	<28/<28		<66/<66		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.42
MW-116	11/16-18/15	LFP	107.56	--	7.37	0.00	100.19	<29/<29		<67/<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.0062
MW-116	5/13-14/16	LFP	107.56	--	8.59	0.00	98.97	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY										
MW-116	11/14/16	LFP	107.56	--	8.06	0.00	99.50	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY										
MW-116	5/11/18		107.56		8.43	0.00	-8.43	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY										
MW-116	11/11-12/2018		107.56		9.04	0.00	-9.04	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY										
MW-116	4/27/19		107.56		8.30	0.00	-8.30	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY										
MW-116	11/3/19		107.56		8.48	0.00	-8.48	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY										
MW-116	Nov 2019		107.56		--	--	--	WELL ABANDONED										
MW-117	8/22/95		106.57	--	7.45	0.00	99.12	<250		<750		<50	--	--	--	--	--	--
MW-117	11/28/95		106.57	--	5.45	0.00	101.12	<250		<750		<50	--	--	--	--	--	<2.0
MW-117	3/12/96		106.57	--	6.32	0.00	100.25	<250		<750		<50	--	--	--	--	--	<2.0
MW-117	6/26/96		106.57		7.18	0.00	99.39	<250		<750		<50						<2.0
MW-117	10/9/96		106.57	--	7.42	0.00	99.15	<250		<750		<50	--	--	--	--	--	7.1
MW-117	2/12/97		106.57		5.93	0.00	100.64	<250		<750		<50						<2.0
MW-117	4/22/97		106.57	--	5.78	0.00	100.79	<250		<750		<50	--	--	--	--	--	<2.0
MW-117	8/5/97		106.57	--	7.58	0.00	98.99	<250		<750		<50	--	--	--	--	--	<2.0
MW-117	11/11/97		106.57	--	6.21	0.00	100.36	<250		<750		<50	--	--	--	--	--	<2.0
MW-117	2/11/98		106.57	--	6.21	0.00	100.36	<250		<750		<50	--	--	--	--	--	<2.0
MW-117	5/28/98		106.57	--	6.44	0.00	100.13	<250		<750		<50	--	--	--	--	--	2.68
MW-117	8/20/98		106.57	--	7.90	0.00	98.67	<250		<750		<50	--	--	--	--	--	<1.0
MW-117	11/19/98		106.57	--	7.18	0.00	99.39	<250		<750		<50	--	--	--	--	--	<1.0
MW-117	3/11/99		106.57		5.51	0.00	101.06	<250		<500		<80						<1.0
MW-117	5/25/99		106.57	--	7.00	0.00	99.57	<250		--		<80	--	--	--	--	--	--
MW-117	8/17/99		106.57		7.56	0.00	99.01	<250		<500		<80						<1.0
MW-117	11/19/99		106.57	--	5.11	0.00	101.46	<250		--		<80	--	--	--	--	--	<1.0
MW-117	3/9/00		106.57		5.65	0.00	100.92	<250		<500		<80						<1.0
MW-117	6/13/00		106.57	--	6.25	0.00	100.32	<250		<500		<80	--	--	--	--	--	<1.0
MW-117	9/26/00		106.57	--	7.70	0.00	98.87	<250		<500		--	--	--	--	--	--	<1.0
MW-117	12/13/00		106.57	--	7.11	0.00	99.46	<250		<500		--	--	--	--	--	--	<1.0
MW-117	2/28/01		106.57	--	6.78	0.00	99.79	<250		<500		<80	--	--	--	--	--	<1.0
MW-117	5/2/01		106.57	--	8.90	0.00	97.67	<250		<500		<80	--	--	--	--	--	<1.0
MW-117	10/30/02		106.57	UNABLE TO LOCATE			--	--		--		--	--	--	--	--	--	--
MW-117	1/23/03		106.57	MONITORED/SAMPLED ANNUALLY						--		--	--	--	--	--	--	--
MW-117	4/18/03		106.57	MONITORED/SAMPLED ANNUALLY														
MW-117	7/11/03		106.57	MONITORED/SAMPLED ANNUALLY						--		--	--	--	--	--	--	--
MW-117	10/31/03		106.57	UNABLE TO LOCATE - POSSIBLY PAVED OVER														
MW-117	12/30/03		106.57	-- I 5.46 0.00 I 101.11 I <50						<80		<100	<0.5	<0.5	<0.5	<1.5	--	<1.2
MW-117	5/3/04		106.57	MONITORED/SAMPLED ANNUALLY														
MW-117	7/20/04		106.57	MONITORED/SAMPLED ANNUALLY						--		--	--	--	--	--	--	--
MW-117	10/6/04		106.57		7.07	0.00	99.50	<79		<98		<50						
MW-117	10/21/05		106.57	--	7.33	0.00	99.24	<81		<100		<48	--	--	--	--	--	--
MW-117	9/5/07		106.57	--	7.92	0.00	98.65	<82		<100		<50	--	--	--	--	--	0.22
MW-117	5/27-28/08	LFP	106.57	--	7.42	0.00	99.15	<80		<100		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.056
MW-117	8/27-29/08	LFP	106.57	--	7.38	0.00	99.19	<82		<100		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-117	11/17-19/08	LFP	106.57	--	5.90	0.00	100.67	55		<72		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-117	2/16-18/09	LFP	106.57	--	7.06	0.00	99.51	<30		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.095
MW-117	5/4-6/09	LFP	106.57	--	6.51	0.00	100.06	38		<70		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-117	8/19-21/09	LFP	106.57		7.82	0.00	98.75	40		<70		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.073
MW-117	11/18-20/09	LFP	106.57	--	3.85	0.00	102.72	<30		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050

Table 2. Summary of Groundwater Monitoring Data
COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
101 Mulford Road
Toledo, Washington

Well	Date	Purge Method	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	LNAPLT (ft.)	GWE[3] (ft.)	TPH-DRO[4]	TPH-DRO w/Si gel	TPH-HRO[4]	TPH-HRO w/Si gel	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	D. Lead
MW-117	2/8-10/10	LFP	106.57	--	6.43	0.00	100.14	<29		<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-117	5/12-13/10	LFP	106.57		6.96	0.00	99.61	36		<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-117	8/12/10	LFP	106.57	--	7.68	0.00	98.89	<29		210		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052
MW-117	11/3-4/10	LFP	106.57	--	5.97	0.00	100.60	<29		<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052
MW-117	2/3-4/11	LFP	106.57	--	6.5	0.00	100.07	<31		<72		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052
MW-117	5/24/11	LFP	106.57	--	6.77	0.00	99.80	<30		150		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052
MW-117	8/23-24/11	LFP	106.57	--	7.85	0.00	98.72	<30		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.15
MW-117	11/7-9/11	LFP	106.57	--	7.55	0.00	99.02	<29		<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080
MW-117	2/6-8/12	LFP	106.57	--	6.20	0.00	100.37	<29		<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080
MW-117	5/2-4/12	LFP	106.57	--	6.00	0.00	100.57	<28		<66		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080
MW-117	8/1-3/12	LFP	106.57	--	7.66	0.00	98.91	<32		<75		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.034
MW-117	11/26-28/12	LFP	106.57	--	5.60	0.00	100.97	<29		<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.047
MW-117	02/4-6/13	LFP	106.57	--	6.29	0.00	100.28	<28		<66		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073
MW-117	05/6-8/13	LFP	106.57	--	7.18	0.00	99.39	<29		<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073
MW-117	9/9-13/13	LFP	106.57	--	8.11	0.00	98.46	<29/<29		<67/<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085
MW-117	11/18-21/13	LFP	106.57		5.99	0.00	100.58	<29/<29		<67/<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085
MW-117	2/4-11/14	LFP	106.57	--	6.85	0.00	99.72	<29/<29		<67/<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085
MW-117	6/12-14/14	LFP	106.57		7.11	0.00	99.46	<28/<28		<66/<66		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085
MW-117	8/18-21/14	LFP	106.57	--	7.71	0.00	98.86	<29/<29		<68/<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.37
MW-117	11/19-20/14	LFP	106.57		6.91	0.00	99.66	<29/<29		<67/<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082
MW-117	2/17-20/15	LFP	106.57	--	6.26	0.00	100.31	<29/<29		<69/<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082
MW-117	5/11-15/15	LFP	106.57		6.91	0.00	99.66	<29/<29		<67/<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082
MW-117	8/10-11/15	LFP	106.57	--	8.10	0.00	98.47	<28/<28		<66/<66		<50	<0.5	<0.5	<0.5	<0.5	<0.5	1.10
MW-117	11/16-18/15	LFP	106.57	--	3.89	0.00	102.68	<28/<28		<66/<66		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.0021
MW-117	5/13-14/16	LFP	106.57	--	7.38	0.00	99.19	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY										
MW-117	11/14/16	LFP	106.57	--	5.60	0.00	100.97	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY										
MW-117	5/11/18		106.57		7.04	0.00	99.53	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY										
MW-117	11/11-12/2018		106.57		6.58	0.00	99.99	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY										
MW-117	4/27/19		106.57		6.82	0.00	99.75	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY										
MW-117	11/3/19		106.57		7.09	0.00	99.48	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY										
MW-117	Nov 2019		106.57		--	--	--	WELL ABANDONED										
MW-118	8/22/95		106.72	--	7.87	0.00	98.85	470		<750		<50	--	--	--	--	--	--
MW-118	11/28/95		106.72	--	5.76	0.00	100.96	<250		<750		<50	--	--	--	--	--	<2.0
MW-118	3/12/96		106.72		6.67	0.00	100.05	<250		<750		<50						<2.0
MW-118	6/26/96		106.72	--	7.51	0.00	99.21	<250		<750		<50	--	--	--	--	--	<2.0
MW-118	10/9/96		106.72		7.78	0.00	98.94	<250		<750		50.1						<2.0
MW-118	2/12/97		106.72	--	6.35	0.00	100.37	<250		<750		<50	--	--	--	--	--	<2.0
MW-118	4/22/97		106.72		5.98	0.00	100.74	<250		<750		<50						<2.0
MW-118	8/5/97		106.72	--	7.85	0.00	98.87	<250		<750		<50	--	--	--	--	--	<2.0
MW-118	11/11/97		106.72	--	6.52	0.00	100.20	<250		<750		<50	--	--	--	--		<2.0
MW-118	2/11/98		106.72		6.56	0.00	100.16	<250		<750		<50						<2.0
MW-118	5/28/98		106.72	--	6.85	0.00	99.87	<250		<750		<50	--	--	--	--	--	2.84
MW-118	8/20/98		106.72	--	7.26	0.00	99.46	<250		<750		<50	--	--	--	--	--	<1.0
MW-118	11/19/98		106.72	--	7.70	0.00	99.02	<250		<750		<50	--	--	--	--	--	<1.0
MW-118	3/11/99		106.72	--	5.81	0.00	100.91	<250		<750		<80	--	--	--	--	--	<1.0
MW-118	5/25/99		106.72	--	7.39	0.00	99.33	<250		--		<80	--	--	--	--	--	--
MW-118	8/17/99		106.72	--	7.95	0.00	98.77	<250		<500		<80	--	--	--	--	--	<1.0
MW-118	11/19/99		106.72	--	5.53	0.00	101.19	<250		--		<80	--	--	--	--	--	<1.0
MW-118	3/9/00		106.72		5.99	0.00	100.73	<250		<500		<80						<1.0
MW-118	6/13/00		106.72	--	7.08	0.00	99.64	<250		<500		<80	--	--	--	--	--	<1.0
MW-118	9/26/00		106.72		8.07	0.00	98.65	<250		<500								<1.0
MW-118	12/13/00		106.72	--	7.53	0.00	99.19	<250		<500		--	--	--	--	--	--	<1.0
MW-118	2/28/01		106.72		7.17	0.00	99.55	<250		<500		<80						<1.0
MW-118	5/2/01		106.72	--	6.81	0.00	99.91	<250		<500		<80	--	--	--	--	--	<1.0
MW-118	10/30/02		106.72	UNABLE TO LOCATE			--	--		--		--	--	--	--	--	--	--
MW-118	1/23/03		106.72	UNABLE TO LOCATE			--	--		--		--	--	--	--	--	--	--
MW-118	4/18/03		106.72	UNABLE TO LOCATE			--	--		--		--	--	--	--	--	--	--
MW-118	7/11/03		106.72	UNABLE TO LOCATE			--	--		--		--	--	--	--	--	--	--
MW-118	10/31/03		106.72	UNABLE TO LOCATE			--	--		--		--	--	--	--	--	--	--
MW-118	12/30/03		106.72		--	I 5.71	0.00	101.01	<50		<400		<500	<0.5	<0.5	<0.5	<1.5	--	<1.2

Table 2. Summary of Groundwater Monitoring Data
COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
101 Mulford Road
Toledo, Washington

Well	Date	Purge Method	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	LNAPLT (ft.)	GWE[3] (ft.)	TPH-DRO[4]	TPH-DRO w/Si gel	TPH-HRO[4]	TPH-HRO w/Si gel	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	D. Lead
MW-118	5/3/04		106.72	UNABLE TO LOCATE														
MW-118	7/20/04		106.72	--	8.14	0.00	98.58	<250		<500		<50	<0.500	<0.500	<0.500	<1.00	--	--
MW-118	10/7/04		106.72		7.55	0.00	99.17	<76		<96		<50						
MW-118	10/7/04(D)		106.72	--	7.55	0.00	99.17	<80		160		<50	--	--	--	--	--	--
MW-118	10/20/05		106.72		7.78	0.00	98.94	<83		<100		<48						
MW-118	9/5/07		106.72	--	8.20	0.00	98.52	**980**		**710**		<50	--	--	--	--	--	0.13
MW-118	5/27-28/08		106.72	UNABLE TO LOCATE														
MW-118	8/27-29/08	LFP	106.72	--	7.64	0.00	99.08	260		230		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-118	11/17-19/08	LFP	106.72	--	6.20	0.00	100.52	<30		<70		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-118	2/16-18/09	LFP	106.72	--	7.29	0.00	99.43	<29		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.068
MW-118	5/4-6/09	LFP	106.72	--	6.70	0.00	100.02	<30		<70		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-118	8/19-21/09	LFP	106.72	--	8.04	0.00	98.68	<30		<70		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.23
MW-118	11/18-20/09	LFP	106.72	--	4.45	0.00	102.27	<29		<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-118	2/8-10/10	LFP	106.72	--	6.65	0.00	100.07	<29		<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-118	5/12-13/10	LFP	106.72		7.21	0.00	99.51	<29		<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-118	8/12/10	LFP	106.72	--	7.90	0.00	98.82	<30		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052
MW-118	11/3-4/10	LFP	106.72		6.39	0.00	100.33	<29		160		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052
MW-118	2/3-4/11	LFP	106.72	--	6.77	0.00	99.95	<30		<70		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052
MW-118	5/24/11		106.72	UNABLE TO LOCATE			--	--		--		--	--	--	--	--	--	--
MW-118	8/23-24/11	LFP	106.72	--	8.15	0.00	98.57	<29		<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080
MW-118	11/7-9/11	LFP	106.72	--	7.80	0.00	98.92	<30		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080
MW-118	2/6-8/12	LFP	106.72	--	6.50	0.00	100.22	<28		<66		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080
MW-118	5/2-4/12	LFP	106.72	--	5.85	0.00	100.87	<30		<70		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080
MW-118	8/1-3/12	LFP	106.72	--	7.87	0.00	98.85	97		230		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.042
MW-118	11/26-28/12	LFP	106.72		5.84	0.00	100.88	<30		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.047
MW-118	02/4-6/13	LFP	106.72	--	6.57	0.00	100.15	<29		<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073
MW-118	05/6-8/13	LFP	106.72		7.47	0.00	99.25	<29		<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073
MW-118	9/9-13/13	LFP	106.72	--	7.28	0.00	99.44	<28/<28		<66/<66		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085
MW-118	11/18-21/13	LFP	106.72		6.57	0.00	100.15	<29/<29		<67/<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.15
MW-118	2/4-11/14	LFP	106.72	--	7.02	0.00	99.70	<29/<29		<68/<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085
MW-118	6/12-14/14	LFP	106.72	INACCESSIBLE			--	--		--		--	--	--	--	--	--	--
MW-118	8/18-21/14	LFP	106.72	--	7.92	0.00	98.80	<29/<29		<67/<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.41
MW-118	11/19-20/14	LFP	106.72	--	7.15	0.00	99.57	<29/<29		<68/<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082
MW-118	2/17-20/15	LFP	106.72	--	6.54	0.00	100.18	<29/<29		<67/<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.083
MW-118	5/11-15/15	LFP	106.72	--	8.93	0.00	97.79	75/69		<67/<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.170
MW-118	8/10-11/15	LFP	106.72	--	8.27	0.00	98.45	<28/<28		<66/<66		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.13
MW-118	11/16-18/15	LFP	106.72		4.69	0.00	102.03	<29/<29		<67/<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.00067
MW-118	5/13-14/16	LFP	106.72	--	7.61	0.00	99.11	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY										
MW-118	11/14/16	LFP	106.72		6.36	0.00	100.36	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY										
MW-118	5/11/18		106.72		7.31	0.00	99.41	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY										
MW-118	11/11-12/2018		106.72		7.34	0.00	99.38	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY										
MW-118	4/27/19		106.72		7.05	0.00	99.67	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY										
MW-118	11/3/19		106.72		7.66	0.00	99.06	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY										
MW-118	Nov 2019		106.72		--	--	--	WELL ABANDONED										
MW-119	8/22/95		108.35		9.22	0.00	99.13	<250		<750		<50						
MW-119	11/28/95		108.35	--	7.54	0.00	100.81	<250		<750		100	--	--	--	--	--	<2.0
MW-119	3/12/96		108.35		8.21	0.00	100.14	<250		<750		240						2.2
MW-119	6/26/96		108.35	--	8.91	0.00	99.44	<250		<750		174	--	--	--	--	--	<2.0
MW-119	10/9/96		108.35	--	9.14	0.00	99.21	<250		<750		78	--	--	--	--	--	2.16
MW-119	2/12/97		108.35	--	7.84	0.00	100.51	<250		<750		<50	--	--	--	--	--	<2.0
MW-119	4/22/97		108.35	--	7.67	0.00	100.68	<250		<750		<50	--	--	--	--	--	<2.0
MW-119	8/5/97		108.35	--	9.15	0.00	99.20	<250		<750		53.6	--	--	--	--	--	<2.0
MW-119	11/11/97		108.35	--	8.02	0.00	100.33	264		<750		<50	--	--	--	--	--	<2.0
MW-119	2/11/98		108.35	--	8.02	0.00	100.33	<250		<750		<50	--	--	--	--	--	<2.0
MW-119	5/28/98		108.35		8.20	0.00	100.15	<250		<750		102						3.33
MW-119	8/20/98		108.35	--	10.40	0.00	97.95	<250		<750		<50	--	--	--	--	--	<1.0
MW-119	11/19/98		108.35		8.98	0.00	99.37	<250		<750		78.5						1.82
MW-119	3/11/99		108.35	--	7.61	0.00	100.74	<250		<750		<80	--	--	--	--	--	<1.0
MW-119	5/25/99		108.35	--	8.77	0.00	99.58	<250		--		<80	--	--	--	--	--	--
MW-119	8/17/99		108.35	--	9.29	0.00	99.06	<250		<500		<80	--	--	--	--	--	<1.0

Table 2. Summary of Groundwater Monitoring Data
COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
101 Mulford Road
Toledo, Washington

Well	Date	Purge Method	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	LNAPLT (ft.)	GWE[3] (ft.)	TPH-DRO[4]	TPH-DRO w/Si gel	TPH-HRO[4]	TPH-HRO w/Si gel	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	D. Lead
MW-119	11/19/99		108.35	--	7.25	0.00	101.10	<250		--		<80	--	--	--	--	--	<1.0
MW-119	3/9/00		108.35	--	7.63	0.00	100.72	<250		<500		<80	--	--	--	--	--	<1.0
MW-119	6/13/00		108.35	--	8.28	0.00	100.07	<250		<500		413	--	--	--	--	--	2.64
MW-119	9/26/00		108.35	--	9.44	0.00	98.91	<250		<500		--	--	--	--	--	--	<1.0
MW-119	12/13/00		108.35		8.86	0.00	99.49	<250		<500								1.79
MW-119	2/28/01		108.35	--	8.56	0.00	99.79	<250		<500		227	--	--	--	--	--	2.64
MW-119	5/2/01		108.35		8.10	0.00	100.25	<250		<500		104						1.56
MW-119	10/30/02		108.35	--	9.76	0.00	98.59	<250		<500		<80	<0.500	<0.500	<0.500	<1.00	--	4.2
MW-119	1/23/03		108.35	MONITORED/SAMPLED ANNUALLY														
MW-119	4/18/03		108.35	MONITORED/SAMPLED ANNUALLY						--		--	--	--	--	--	--	--
MW-119	7/11/03		108.35	MONITORED/SAMPLED ANNUALLY						--		--	--	--	--	--	--	--
MW-119	10/31/03		108.35	--	8.62	0.00	99.73	<250		<500		<50	<0.500	<0.500	<0.500	<1.00	--	1.315
MW-119	12/30/03		108.35	--	7.40	0.00	100.95	<50		<77		<96	<0.5	<0.5	<0.5	<1.5	--	<1.2
MW-119	5/3/04		108.35	MONITORED/SAMPLED ANNUALLY						--		--	--	--	--	--	--	--
MW-119	7/20/04		108.35	MONITORED/SAMPLED ANNUALLY						--		--	--	--	--	--	--	--
MW-119	10/7/04		108.35	--	8.85	0.00	99.50	<79		<98		<50	--	--	--	--	--	--
MW-119	10/20/05		108.35		9.08	0.00	99.27	<80		<100		<48						
MW-119	9/5/07		108.35	--	9.53	0.00	98.82	<800		<1,000		<50	--	--	--	--	--	0.57
MW-119	5/27-28/08		108.35	INACCESSIBLE														
MW-119	8/27-29/08	LFP	108.35	--	9.05	0.00	99.30	<79		<99		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.52
MW-119	11/17-19/08	LFP	108.35		7.65	0.00	100.70	<30		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.29
MW-119	2/16-18/09	LFP	108.35	--	8.70	0.00	99.65	45		<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.44
MW-119	5/4-6/09	LFP	108.35		8.06	0.00	100.29	<30		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.74
MW-119	8/19-21/09	LFP	108.35	--	9.45	0.00	98.90	36		<70		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.25
MW-119	11/18-20/09	LFP	108.35	--	6.41	0.00	101.94	32		<68		150	<0.5	<0.5	<0.5	<0.5	<0.5	1
MW-119	2/8-10/10	LFP	108.35	--	8.11	0.00	100.24	<30		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.33
MW-119	5/12-13/10	LFP	108.35	--	8.56	0.00	99.79	<29		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.69
MW-119	8/12/10	LFP	108.35	--	9.22	0.00	99.13	<30		70		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.36
MW-119	11/3-4/10	LFP	108.35	--	7.52	0.00	100.83	38		<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	1.3
MW-119	2/3-4/11	LFP	108.35	--	8.22	0.00	100.13	30		<70		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.30
MW-119	5/24/11	LFP	108.35		8.37	0.00	99.98	<30		210		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.49
MW-119	8/23-24/11	LFP	108.35	UNABLE TO LOCATE			--	--		--		--	--	--	--	--	--	--
MW-119	11/7-9/11	LFP	108.35		9.10	0.00	99.25	<29		<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.34
MW-119	2/6-8/12	LFP	108.35	--	7.90	0.00	100.45	<29		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080
MW-119	5/2-4/12	LFP	108.35	--	8.00	0.00	100.35	<30		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.26
MW-119	8/1-3/12	LFP	108.35	--	9.23	0.00	99.12	<30		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.27
MW-119	11/26-28/12	LFP	108.35	--	7.43	0.00	100.92	<29		<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.10
MW-119	02/4-6/13	LFP	108.35	--	7.99	0.00	100.36	<29		<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.099
MW-119	05/6-8/13	LFP	108.35	--	8.76	0.00	99.59	<28		<66		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.15
MW-119	9/9-13/13	LFP	108.35	--	8.51	0.00	99.84	<28/<28		<66/<66		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.26
MW-119	11/18-21/13	LFP	108.35		7.67	0.00	100.68	<29/<29		<68/<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.80
MW-119	2/4-11/14	LFP	108.35	--	8.47	0.00	99.88	<29/<29		<68/<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.16
MW-119	6/12-14/14	LFP	108.35	INACCESSIBLE														
MW-119	8/18-21/14	LFP	108.35	--	9.23	0.00	99.12	<28/<28		<66/<66		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.17
MW-119	11/19-20/14	LFP	108.35		8.50	0.00	99.85	<29/<29		<67/<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.14
MW-119	2/17-20/15	LFP	108.35	--	7.97	0.00	100.38	<28/<28		<66/<66		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.18
MW-119	5/11-15/15	LFP	108.35	--	8.96	0.00	99.39	<28/<28		<66/<66		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.24
MW-119	8/10-11/15	LFP	108.35	--	9.70	0.00	98.65	<28/<28		<66/<66		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.13
MW-119	11/16-18/15	LFP	108.35	--	6.43	0.00	101.92	<29/<29		<67/<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.0041
MW-119	5/13-14/16	LFP	108.35	--	8.39	0.00	99.96	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY										
MW-119	11/14/16	LFP	108.35	--	7.70	0.00	100.65	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY										
MW-120	11/7-9/11	LFP	107.11		8.00	0.00	99.11	220		160		740	<0.5	<0.5	<0.5	<0.5	<0.5	1.8
MW-120	2/6-8/12	LFP	107.11	--	6.80	0.00	100.31	<30		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080
MW-120	5/2-4/12	LFP	107.11		6.20	0.00	100.91	<29		<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080
MW-120	8/1-3/12	LFP	107.11	--	8.11	0.00	99.00	59		75		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.29
MW-120	11/26-28/12	LFP	107.11		6.21	0.00	100.90	<29		<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.047
MW-120	02/4-6/13	LFP	107.11	--	6.84	0.00	100.27	<29		<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073
MW-120	05/6-8/13	LFP	107.11		7.64	0.00	99.47	<28		<66		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073
MW-120	9/9-13/13	LFP	107.11	--	7.36	0.00	99.75	<28/<28		<66/<66		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.15
MW-120	11/18-21/13	LFP	107.11	--	6.61	0.00	100.50	<29/<29		<67/<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.088
MW-120	2/4-11/14	LFP	107.11	--	7.32	0.00	99.79	<29/<29		<67/<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085

Table 2. Summary of Groundwater Monitoring Data
COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
101 Mulford Road
Toledo, Washington

Well	Date	Purge Method	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	LNAPLT (ft.)	GWE[3] (ft.)	TPH-DRO[4]	TPH-DRO w/Si gel	TPH-HRO[4]	TPH-HRO w/Si gel	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	D. Lead
MW-120	6/12-14/14	LFP	107.11	--	7.70	0.00	99.41	<29/<29		<68/<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082
MW-120	8/18-21/14	LFP	107.11	--	8.13	0.00	98.98	<28/<28		<66/<66		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.32
MW-120	11/19-20/14	LFP	107.11	--	7.37	0.00	99.74	<29/<29		<67/<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082
MW-120	2/17-20/15	LFP	107.11	--	6.83	0.00	100.28	<29/<29		<68/<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.22
MW-120	5/11-15/15	LFP	107.11		7.71	0.00	99.40	<29/<29		<68/<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.10
MW-120	8/10-11/15	LFP	107.11	--	8.53	0.00	98.58	<28/<28		<66/<66		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.13
MW-120	11/16-18/15	LFP	107.11		4.94	0.00	102.17											<28/<28 <66/<66 <50 I <0.5 <0.5 I <0.5 <0.5 <0.5 0.0019
MW-120	5/13-14/16	LFP	107.11	--	7.81	0.00	99.30	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY										
MW-120	11/14/16	LFP	107.11	--	6.47	0.00	100.64	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY										
MW-120	5/11/18		107.11		7.49	0.00	99.62	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY										
MW-120	11/11-12/2018		107.11		7.46	0.00	99.65	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY										
MW-120	4/27/19		107.11		--	--	--	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY										
MW-120	11/3/19		107.11		7.50	0.00	99.61	WELL REMOVED FROM SAMPLING PROGRAM - MONITORING ONLY										
MW-120	Nov 2019		107.11		--	--	--	WELL ABANDONED										
B-1	2/14/91		107.74	--	--	0.00	--	<250		--		**5,100**	--	--	--	--	--	--
B-1	2/14/92		107.74	--	6.90	0.00	100.84	--		--		--	--	--	--	--	--	--
B-1	2/18/92		107.74	--	6.72	0.00	101.02	--		--		--	--	--	--	--	--	--
B-1	3/13/92		107.74	--	6.93	0.00	100.81	--		--		<50	--	--	--	--	--	--
B-1	4/21/92		107.74		6.66	0.00	101.08											
B-1	8/22/95		107.74	--	8.03	0.00	99.71	<250		<750		<50	--	--	--	--	--	--
B-1	11/28/95		107.74		6.13	0.00	101.61	<250		<750		<50						<2
B-1	3/11/96		107.74	--	6.99	0.00	100.75	<250		<750		<50	--	--	--	--	--	7.5
B-1	6/26/96		107.74		7.73	0.00	100.01	<250		<750		<50						<2
B-1	10/9/96		107.74	--	8.05	0.00	99.69	<250		<750		<50	--	--	--	--	--	<2
B-1	2/12/97		107.74	--	6.46	0.00	101.28	<250		<750		<50	--	--	--	--	--	<2
B-1	4/22/97		107.74	--	6.25	0.00	101.49	<250		<750		<50	--	--	--	--	--	<2
B-1	8/5/97		107.74	--	8.20	0.00	99.54	<250		<750		<50	--	--	--	--	--	<2
B-1	11/11/97		107.74	--	6.84	0.00	100.90	300		<750		<50	--	--	--	--	--	<2
B-1	2/11/98		107.74	--	6.70	0.00	101.04	<250		<750		<50	--	--	--	--	--	<2
B-1	5/28/98		107.74	--	6.85	0.00	100.89	<250		<750		<50	--	--	--	--	--	<I
B-1	8/20/98		107.74		9.42	0.00	98.32	<250		<750		<50						<1
B-1	11/19/98		107.74	--	7.43	0.00	100.31	<250		<750		<50	--	--	--	--	--	<I
B-1	3/11/99		107.74		6.34	0.00	101.40	<250		<750		<80						<1
B-1	5/25/99		107.74	--	7.60	0.00	100.14	<1,450		--		<80	--	--	--	--	--	--
B-1	8/17/99		107.74		8.28	0.00	99.46	<250		<500		<80						<I
B-1	11/19/99		107.74	--	5.90	0.00	101.84	<250		--		<80	--	--	--	--	--	<1
B-1	3/9/00		107.74		6.38	0.00	101.36	<250		<500		<80						<1
B-1	6/12/00		107.74	--	6.26	0.00	101.48	<250		<500		<80	--	--	--	--	--	<1
B-1	9/26/00		107.74	--	8.51	0.00	99.23	<250		<500		--	--	--	--	--	--	<1
B-1	12/13/00		107.74	--	7.69	0.00	100.05	<250		<500		--	--	--	--	--	--	<I
B-1	2/28/01		107.74	--	7.37	0.00	100.37	<250		<500		<80	--	--	--	--	--	<1
B-1	5/2/01		107.74	--	6.69	0.00	101.05	<250		<500		109	--	--	--	--	--	<1
B-1	10/30/02		107.74	UNABLE TO LOCATE - PAVED OVER						--		--	--	--	--	--	--	--
B-1	1/23/03		107.74	MONITORED/SAMPLED ANNUALLY						--		--	--	--	--	--	--	--
B-1	4/18/03		107.74	MONITORED/SAMPLED ANNUALLY														
B-1	7/11/03		107.74	MONITORED/SAMPLED ANNUALLY						--		--	--	--	--	--	--	--
B-1	10/31/03		107.74	UNABLE TO LOCATE - PAVED OVER														
B-1	12/30/03		107.74	-- I 6.11 0.00 I 101.63				<50		<78		<98	<0.5	<0.5	<0.5	<1.5	--	<1.2
B-1	5/3/04		107.74	MONITORED/SAMPLED ANNUALLY						--		--	--	--	--	--	--	--
B-1	7/20/04		107.74	MONITORED/SAMPLED ANNUALLY						--		--	--	--	--	--	--	--
B-1	10/6/04		107.74	--	8.87	0.00	98.87	81		100		<50	--	--	--	--	--	--
B-1	10/24/05		107.74	--	7.96	0.00	99.78	<81		<100		<48	--	--	--	--	--	--
B-1	9/5/07		107.74	--	8.60	0.00	99.14	<80		<100		<50	--	--	--	--	--	0.13
B-1	5/27-28/08	LFP	107.74	--	7.85	0.00	99.89	<75		<94		<50	<0.5	0.6	<0.5	<0.5	<0.5	<0.050
B-1	8/27-29/08	LFP	107.74		8.00	0.00	99.74	<82		<100		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
B-1	11/17-19/08	LFP	107.74	--	6.39	0.00	101.35	83		<70		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
B-1	2/16-18/09	LFP	107.74		7.55	0.00	100.19	300		**2,000**		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.098
B-1	5/4-6/09	LFP	107.74	--	6.47	0.00	101.27	39		<70		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
B-1	8/19-21/09	LFP	107.74		8.54	0.00	99.20	<30		<70		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
B-1	11/18-20/09	LFP	107.74	--	5.35	0.00	102.39	60		<69		66	<0.5	<0.5	<0.5	<0.5	<0.5	0.22

Table 2. Summary of Groundwater Monitoring Data
COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
101 Mulford Road
Toledo, Washington

Well	Date	Purge Method	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	LNAPLT (ft.)	GWE[3] (ft.)	TPH-DRO[4]	TPH-DRO w/Si gel	TPH-HRO[4]	TPH-HRO w/Si gel	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	D. Lead
B-1	2/8-10/10	LFP	107.74	--	6.89	0.00	100.85	<30		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
B-1	5/12-13/10	LFP	107.74	--	7.34	0.00	100.40	70		82		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
B-1	8/11/10	LFP	107.74	--	8.16	0.00	99.58	<30		83		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052
B-1	11/3-4/10	LFP	107.74	--	6.02	0.00	101.72	<30		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052
B-1	2/3-4/11	LFP	107.74	--	7.03	0.00	100.71	<30		<70		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052
B-1	5/24/11	LFP	107.74	--	7.10	0.00	100.64	<29		<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052
B-1	8/23-24/11	LFP	107.74		8.46	0.00	99.28	<30		<71		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080
B-1	11/7-9/11	LFP	107.74	--	8.10	0.00	99.64	<28		<66		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080
B-1	2/6-8/12	LFP	107.74		6.75	0.00	100.99	<30		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.11
B-1	5/2-4/12	LFP	107.74	--	6.45	0.00	101.29	<30		<70		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080
B-1	8/1-3/12	LFP	107.74		8.23	0.00	99.51	<30		<71		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.034
B-1	11/26-28/12	LFP	107.74	--	6.29	0.00	101.45	<29		<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.047
B-1	02/4-6/13	LFP	107.74		6.81	0.00	100.93	<29		<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073
B-1	05/6-8/13	LFP	107.74	--	8.66	0.00	99.08	<28		<66		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073
B-1	9/9-13/13	LFP	107.74	--	7.18	0.00	100.56	<29/<29		<67/<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085
B-1	11/18-22/13	LFP	107.74	--	6.64	0.00	101.10	<29/<29		<67/<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085
B-1	2/4-11/14	LFP	107.74	--	7.25	0.00	100.49	<29/<29		<68/<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085
B-1	6/12-14/14	LFP	107.74	--	7.87	0.00	99.87	<28/<28		<66/<66		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085
B-1	8/18-21/14	LFP	107.74	--	8.40	0.00	99.34	<28/<28		<66/<66		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082
B-1	11/19-20/14	LFP	107.74	--	7.43	0.00	100.31	<29/<29		<68/<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082
B-1	2/17-20/15	LFP	107.74		6.79	0.00	100.95	<28/<28		<66/<66		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082
B-1	5/11-15/15	LFP	107.74	--	8.77	0.00	98.97	<28/<28		<66/<66		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082
B-1	8/10-11/15	LFP	107.74		8.80	0.00	98.94	<28/89		<66/74		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.13
B-1	11/16-18/15	LFP	107.74	--	4.69	0.00	103.05	<28/<28		<66/<66		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.00063
B-1	5/13-14/16	LFP	107.74	--	7.80	0.00	99.94	<29		<67		<50	<0.5	<0.5	<0.5	<0.5	--	<0.13
B-1	11/14/16	LFP	107.74	--	6.15	0.00	101.59	51		<67		<50	<0.5	<0.5	<0.5	<0.5	--	<0.090
B-1	5/11/18	LFP	107.74	--	7.31	0.00	100.43	--	<29	--	<67	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.11
B-1	11/11-12/2018	LFP	107.74	--	7.48	0.00	100.26	--	30	--	<67	<19	<0.2	<0.2	<0.4	<1	--	<1.1
B-1	4/27/19	LFP	107.74	--	7.23	0.00	100.51	--	32 J	--	<66	<19	<0.2	<0.2	<0.4	<1	--	<1.1
B-1	11/3/19	LFP	107.74	--	7.45	0.00	100.29	--	<29	--	<66	<19	<0.2	<0.2	<0.4	<1	--	0.30 J
B-1	5/6/20	LFP	107.74	--	7.46	0.00	100.28	<200	--	--	<250	32.9 B J	<1.00	<1.00	<1.00	<3.00	--	<5.00
B-1	11/7/20	LFP	107.74	--	6.6	0	101.14	--	--	--	--	--	--	--	--	--	--	--
B-1	05/24/2021	LFP	107.74	--	7.92	0	99.82	137 J	137 J	<250	<250	462 B	<1.00	<1.00	<1.00	<3.00	--	<6.00
B-1 DUP	05/24/2021	LFP	107.74	--	--	--	--	<200	<200	<250	<250	<100	<1.00	<1.00	<1.00	<3.00	--	<6.00
B-2	2/14/91		108.99	--	--	0.00	--	<250		--		180	--	--	--	--	--	--
B-2	2/14/92		108.99	--	8.08	0.00	100.91	--		--		--	--	--	--	--	--	--
B-2	2/18/92		108.99	--	7.97	0.00	101.02	--		--		--	--	--	--	--	--	--
B-2	3/9/92		108.99		7.88	0.00	101.11											
B-2	3/13/92		108.99	--	8.12	0.00	100.87	--		--		--	--	--	--	--	--	--
B-2	4/21/92		108.99		7.82	0.00	101.17											
B-2	8/22/95		108.99	--	9.30	0.00	99.69	<250		<750		<50	--	--	--	--	--	--
B-2	11/27/95		108.99		7.33	0.00	101.66	<250		<750		<50						<2
B-2	3/12/96		108.99	--	8.20	0.00	100.79	<250		<750		<50	--	--	--	--	--	<2
B-2	6/27/96		108.99	--	8.95	0.00	100.04	<250		<750		<50	--	--	--	--	--	<2
B-2	10/10/96		108.99	--	9.28	0.00	99.71	<250		<750		<50	--	--	--	--	--	<2
B-2	2/12/97		108.99	--	7.73	0.00	101.26	<250		<750		<50	--	--	--	--	--	<2
B-2	4/22/97		108.99	--	7.41	0.00	101.58	<250		<750		<50	--	--	--	--	--	2
B-2	8/5/97		108.99	--	9.40	0.00	99.59	<250		<750		<50	--	--	--	--	--	<2
B-2	11/11/97		108.99	--	8.00	0.00	100.99	<250		<750		<50	--	--	--	--	--	<2
B-2	2/11/98		108.99		7.90	0.00	101.09	<250		<750		<50						<2
B-2	5/28/98		108.99	--	8.03	0.00	100.96	<250		<750		<50	--	--	--	--	--	<1
B-2	8/20/98		108.99		10.64	0.00	98.35	<250		<750		<50						<1
B-2	11/19/98		108.99	--	8.67	0.00	100.32	<250		<750		<50	--	--	--	--	--	<1
B-2	3/11/99		108.99		7.56	0.00	101.43	<250		<500		<80						<1
B-2	5/25/99		108.99	--	8.82	0.00	100.17	<250		<1,600		<80	--	--	--	--	--	--
B-2	8/17/99		108.99		9.51	0.00	99.48	<250		<500		<80						<1
B-2	11/19/99		108.99	--	7.08	0.00	101.91	<250		<500		<80	--	--	--	--	--	<1
B-2	3/9/00		108.99	--	7.59	0.00	101.40	<250		<500		<80	--	--	--	--	--	<1
B-2	6/12/00		108.99	--	8.00	0.00	100.99	<250		<500		<80	--	--	--	--	--	<1

Table 2. Summary of Groundwater Monitoring Data
COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
101 Mulford Road
Toledo, Washington

Well	Date	Purge Method	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	LNAPLT (ft.)	GWE[3] (ft.)	TPH-DRO[4]	TPH-DRO w/Si gel	TPH-HRO[4]	TPH-HRO w/Si gel	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	D. Lead
B-2	9/26/00		108.99		9.74	0.00	99.25	<250		<500								<1
B-2	12/13/00		108.99	--	8.91	0.00	100.08	<250		<500		--	--	--	--	--	--	<1
B-2	2/28/01		108.99	--	8.59	0.00	100.40	<250		<500		<80	--	--	--	--	--	<1
B-2	5/2/01		108.99	--	7.89	0.00	101.10	<250		<500		<80	--	--	--	--	--	<1
B-2	10/30/02		108.99	UNABLE TO LOCATE - PAVED OVER														
B-2	1/23/03		108.99	MONITORED/SAMPLED ANNUALLY						--		--	--	--	--	--	--	--
B-2	4/18/03		108.99	MONITORED/SAMPLED ANNUALLY						--		--	--	--	--	--	--	--
B-2	7/11/03		108.99	MONITORED/SAMPLED ANNUALLY						--		--	--	--	--	--	--	--
B-2	10/31/03		108.99	UNABLE TO LOCATE - PAVED OVER						--		--	--	--	--	--	--	--
B-2	12/30/03		108.99	I 7.36 I 0.00 I 101.63				<50					<0.5	<0.5	<0.5	<1.5		<1.2
B-2	5/3/04		108.99	MONITORED/SAMPLED ANNUALLY						--		--	--	--	--	--	--	--
B-2	7/20/04		108.99	MONITORED/SAMPLED ANNUALLY						--		--	--	--	--	--	--	--
B-2	10/6/04		108.99	--	7.65	0.00	101.34	<79		<99		<50	--	--	--	--	--	--
B-2	7/18/05		108.99		9.20	0.00	99.79	<77		<96		<48						
B-2	10/21/05		108.99	--	9.17	0.00	99.82	<82		<100		<48	--	--	--	--	--	--
B-2	9/5/07		108.99	--	9.83	0.00	99.16	<81		<100		<50	--	--	--	--	--	0.1
B-2	5/27-28/08		108.99	UNABLE TO LOCATE				--		--		--	--	--	--	--	--	--
B-2	8/27-29/08	LFP	108.99		9.28	0.00	99.71	<80		<100		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
B-2	11/17-19/08	LFP	108.99	--	7.57	0.00	101.42	<30		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
B-2	2/16-18/09	LFP	108.99	--	8.77	0.00	100.22	<29		<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.070
B-2	5/4-6/09	LFP	108.99	--	7.69	0.00	101.30	<29		<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
B-2	8/19-21/09	LFP	108.99		9.75	0.00	99.24	<30		<70		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
B-2	11/18-20/09	LFP	108.99	--	6.46	0.00	102.53	94		<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.15
B-2	2/8-10/10	LFP	108.99	--	8.10	0.00	100.89	<30		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
B-2	5/12-13/10	LFP	108.99	--	8.55	0.00	100.44	<29		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
B-2	8/11/10	LFP	108.99		9.38	0.00	99.61	<29		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052
B-2	11/3-4/10	LFP	108.99	--	7.20	0.00	101.79	<29		<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052
B-2	2/3-4/11	LFP	108.99	--	8.25	0.00	100.74	<29		<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052
B-2	5/24/11	LFP	108.99	--	8.33	0.00	100.66	<30		140		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.052
B-2	8/23-24/11	LFP	108.99		9.70	0.00	99.29	<30		<70		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.26
B-2	11/7-9/11	LFP	108.99	--	9.30	0.00	99.69	<29		<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080
B-2	2/6-8/12	LFP	108.99		7.95	0.00	101.04	<29		<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.10
B-2	5/2-4/12	LFP	108.99	--	7.40	0.00	101.59	<29		<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.080
B-2	8/1-3/12	LFP	108.99		8.20	0.00	100.79	<31		<72		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.034
B-2	11/26-28/12	LFP	108.99	--	7.47	0.00	101.52	<37		<86		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.047
B-2	02/4-6/13	LFP	108.99	--	8.04	0.00	100.95	<29		<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073
B-2	05/6-8/13	LFP	108.99	--	8.89	0.00	100.10	<28		<66		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.073
B-2	9/9-13/13	LFP	108.99	--	8.41	0.00	100.58	<29/<29		<67/<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085
B-2	11/18-22/13	LFP	108.99	--	7.77	0.00	101.22	<29/<29		<67/<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085
B-2	2/4-11/14	LFP	108.99	--	8.47	0.00	100.52	<28/<28		<66/<66		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085
B-2	6/12-14/14	LFP	108.99	--	8.91	0.00	100.08	<29/<29		<67/<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.085
B-2	8/18-21/14	LFP	108.99		9.53	0.00	99.46	<29/<29		<68/<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082
B-2	11/19-20/14	LFP	108.99	--	8.54	0.00	100.45	<29/<29		<68/<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082
B-2	2/17-20/15	LFP	108.99		7.93	0.00	101.06	<29/<29		<67/<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.082
B-2	5/11-15/15	LFP	108.99	--	8.91	0.00	100.08	<28/<28		<66/<66		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.08?
B-2	8/10-11/15	LFP	108.99		10.01	0.00	98.98	<29/<29		<67/<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	1.20
B-2	11/16-18/15	LFP	108.99	--	5.75	0.00	103.24	<29/<29		<67/<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.00060
B-2	5/13-14/16	LFP	108.99		9.02	0.00	99.97	37		<67		<50	<0.5	<0.5	<0.5	<0.5		<0.13
B-2	11/14/16	LFP	108.99	--	7.47	0.00	101.52	<28		<66		<50	<0.5	<0.5	<0.5	<0.5	--	<0.090
B-2	5/11/18	LFP	108.99		8.47	0.00	100.52	--	<28	--	<66	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.11
B-2	11/11-12/2018	LFP	108.99		8.63	0.00	100.36	--	<29	--	<67	<19	<0.2	<0.2	<0.4	<1	--	<1.1
B-2	4/27/19	LFP	108.99		8.43	0.00	100.56	--	31 J	--	<66	<19	<0.2	<0.2	<0.4	<1	--	<1.1
B-2	11/3/19	LFP	108.99		8.66	0.00	100.33	--	67 J	--	<66	<19	<0.2	<0.2	<0.4	<1	--	1.2
B-2	5/6/20	LFP	108.99		8.67	0.00	100.32	<200	--	--	<250	32.6 B J	<1.00	<1.00	<1.00	<3.00	--	<5.00
B-2	44142	LFP	108.99		7.59	0	101.4	--	--	--	--	--	--	--	--	--	--	--
B-2	05/24/2021	LFP	108.46		9.17	0	99.29	**657**	92.0 J	147 J	<250	258 B	<1.00	<1.00	5.4	0.243 J	--	<6.00
B-3	2/14/91		108.46	--	--	0.00	--	<250		--		**98,000**	--	--	--	--	--	--
B-3	2/14/92		108.46	--	7.82	0.00	100.64	--		--		--	--	--	--	--	--	--
B-3	2/18/92		108.46	--	7.82	0.00	100.64	--		--		--	--	--	--	--	--	--
B-3	3/9/92		108.46	--	7.55	0.00	100.91	--		--		--	--	--	--	--	--	--

Table 2. Summary of Groundwater Monitoring Data
COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
101 Mulford Road
Toledo, Washington

Well	Date	Purge Method	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	LNAPLT (ft.)	GWE[3] (ft.)	TPH-DRO[4]	TPH-DRO w/Si gel	TPH-HRO[4]	TPH-HRO w/Si gel	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	D. Lead
B-3	3/13/92		108.46	--	7.82	0.00	100.64	**31,000**		--		**28,000**	--	--	--	--	--	--
B-3	4/21/92		108.46	--	7.50	0.00	100.96	--		--		--	--	--	--	--	--	--
B-3	3/3/94		108.46	--	--	0.00	--	**3,940**		<750		**43,000**	--	--	--	--	--	--
B-3	8/23/95		108.46		8.93	0.00	99.53	**2,600**		<750		**46,000**						
B-3	11/28/95		108.46	--	7.12	0.00	101.34	**1,500**		<750		**63,000**	--	--	--	--	--	--
B-3	3/12/96		108.46		7.85	0.00	100.61	**900**		<750		**42,000**						
B-3	6/27/96		108.46	--	8.67	0.00	99.79	**1,510**		**1,080**		**37,900**	--	--	--	--	--	--
B-3	10/10/96		108.46		8.97	0.00	99.49	**729**		<750		**16,200**						
B-3	2/12/97		108.46	--	7.55	0.00	100.91	**4,060**		**986**		**35,200**	--	--	--	--	--	--
B-3	4/22/97		108.46	--	7.30	0.00	101.16	**3,980**		**767**		**31,900**	--	--	--	--	--	--
B-3	8/2/97		108.46	--	9.05	0.00	99.41	**3,370**		**1,270**		**20,400**	--	--	--	--	--	--
B-3	11/11/97		108.46	--	6.76	0.00	101.70	**3,230**		**777**		**28,400**	--	--	--	--	--	--
B-3	2/11/98		108.46	--	7.54	0.00	100.92	**3,240**		**1,460**		**28,400**	--	--	--	--	--	--
B-3	5/28/98		108.46	--	7.76	0.00	100.70	**3,360**		<750		**34,600**	--	--	--	--	**29.5**	--
B-3	8/20/98		108.46	--	10.30	0.00	98.16	**2,150**		<750		**32,900**	--	--	--	--	<1.89	--
B-3	11/19/98		108.46		8.39	0.00	100.07	**6,650**		<3,750		**23,800**						
B-3	3/11/99		108.46	--	7.15	0.00	101.31	**2,920**		<5,000		**17,000**	--	--	--	--	--	--
B-3	5/25/99		108.46		8.50	0.00	99.96	**1,850**				**30,500**						
B-3	8/17/99		108.46	--	9.15	0.00	99.31	**2,570**		**711**		**29,600**	--	--	--	--	--	--
B-3	11/19/99		108.46		6.76	0.00	101.70	**7,880**				**30,700**						
B-3	3/9/00		108.46	--	7.24	0.00	101.22	<250		<500		**10,400**	--	--	--	--	--	--
B-3	6/13/00		108.46		8.15	0.00	100.31	<250		<500		**23,000**						
B-3	9/26/00		108.46	--	9.35	0.00	99.11	<250		<500		--	--	--	--	--	--	--
B-3	12/13/00		108.46	--	8.58	0.00	99.88	<250		<500		**21,600**	--	--	--	--	--	--
B-3	2/28/01		108.46	--	8.28	0.00	100.18	<250		<500		**25,700**	--	--	--	--	--	--
B-3	5/2/01		108.46	--	7.79	0.00	100.67	<250		<500		**17,200**	--	--	--	--	--	--
B-3	10/30/02		108.46	UNABLE TO LOCATE - PAVED OVER						--		--	--	--	--	--	--	--
B-3	1/23/03		108.46	UNABLE TO LOCATE - PAVED OVER														
B-3	4/18/03		108.46	UNABLE TO LOCATE - PAVED OVER						--		--	--	--	--	--	--	--
B-3	7/11/03		108.46	UNABLE TO LOCATE - PAVED OVER						--		--	--	--	--	--	--	--
B-3	10/31/03		108.46	UNABLE TO LOCATE - PAVED OVER						--		--	--	--	--	--	--	--
B-3	12/30/03		108.46	--	7.04	0.00	101.42	**14,000**		**3,800**		<980	<5.0	1.9	130	61	--	17.3
B-3	5/3/04		108.46	UNABLE TO LOCATE			--	--		--		--	--	--	--	--	--	--
B-3	7/20/04		108.46	--	9.31	0.00	99.15	**1,220**		<500		**13,200**	**12.5**	<10.0	874	204	--	24.65
B-3	10/6/04		108.46	--	8.68	0.00	99.78	**1,200**		<500		**13,000**	--	--	--	--	--	--
B-3	1/27/05		108.46		7.70	0.00	100.76	**1,100**		<190		**6,200**						
B-3	4/12/05		108.46	--	7.21	0.00	101.25	**1,200**		<100		**5,300**	--	--	--	--	--	--
B-3	7/18/05		108.46		8.83	0.00	99.63	**1,200**		<97		**6,400**						
B-3	10/21/05		108.46	--	8.85	0.00	99.61	**2,400**		<510		**8,900**	--	--	--	--	--	--
B-3	9/4/07		108.46		9.41	0.00	99.05	**1,500**		<200		**10,000**						
B-3	5/27-28/08	LFP	108.46	--	8.73	0.00	99.73	**2,400**		<540		**3,700**	2	2	98	3	<0.5	**20.2**
B-3	8/27-29/08	LFP	108.46	--	8.85	0.00	99.61	**2,400**		<98		**10,000**	**5**	2	230	17	<0.5	**21.5**
B-3	11/17-19/08	LFP	108.46	--	7.13	0.00	101.33	**1,700**		<690		**7,100**	<0.5	<0.5	57	2	<0.5	**20**
B-3	2/16-18/09	LFP	108.46	--	8.40	0.00	100.06	**1,900**		<340		**8,800**	**180**	130	130	21	<0.5	**19.5**
B-3	5/4-6/09	LFP	108.46	--	7.65	0.00	100.81	**2,400**		<340		**5,800**	**68**	15	120	7	<0.5	13.1
B-3	8/19-21/09	LFP	108.46	--	9.33	0.00	99.13	**2,900**		<360		**5,900**	**39**	10	170	16	<0.5	**19**
B-3	11/18-20/09	LFP	108.46	--	6.35	0.00	102.11	**2,200**		<340		**2,500**	1	<0.5	12	1	<0.5	**16.5**
B-3	2/8-10/10	LFP	108.46		7.73	0.00	100.73	**1,700**		140		**6,200**	2	<0.5	25	1	<0.5	9.9
B-3	5/12-13/10	LFP	108.46	--	8.18	0.00	100.28	**1,200**		<68		**8,200**	2	<0.5	47	2	<0.5	10.3
B-3	8/11/10	LFP	108.46		9.00	0.00	99.46	**2,700**		<340		5,900	7	1.0	270	20	<0.5	**19.3**
B-3	11/3-4/10	LFP	108.46	--	6.96	0.00	101.50	**2,500**		<350		**3,100**	0.60	<0.5	24	1	<0.5	13.3
B-3	2/3-4/11	LFP	108.46		6.70	0.00	101.76	**1,400**		<340		4,900	0.80	<0.5	53	2	<0.5	10.2
B-3	5/24/11	LFP	108.46	--	7.96	0.00	100.50	**1,200**		300		**1,800**	1	<0.5	76	3	<0.5	14
B-3	8/23-24/11	LFP	108.46		9.24	0.00	99.22	**960**		<72		**3,700**	**8**	2	160	8	<0.5	11.7
B-3	11/7-9/11	LFP	108.46	--	8.95	0.00	99.51	**1,500**		460		**5,800**	**7**	2	180	6	<0.5	12.3
B-3	2/6-8/12	LFP	108.46	--	7.40	0.00	101.06	<31		<71		<50	<0.5	<0.5	<0.5	<0.5	<0.5	4.4
B-3	5/2-4/12	LFP	108.46	--	7.50	0.00	100.96	53		<72		**1,300**	<0.5	<0.5	19	<0.5	0.7	3.9
B-3	8/1-3/12	LFP	108.46	--	8.24	0.00	100.22	460		110		600	0.6	<0.5	1	<0.5	<0.5	8.0
B-3	11/26-28/12	LFP	108.46	--	6.98	0.00	101.48	73		<68		500	<0.5	<0.5	0.8	<0.5	<0.5	7.4
B-3	2/4-6/13	LFP	108.46	--	6.33	0.00	102.13	45		<66		120	<0.5	<0.5	<0.5	<0.5	<0.5	5.6
B-3	05/6-8/13	LFP	108.46	--	8.50	0.00	99.96	150		<67		**2,600**	<0.5	<0.5	73	3	<0.5	8.9

Table 2. Summary of Groundwater Monitoring Data
COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
101 Mulford Road
Toledo, Washington

Well	Date	Purge Method	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	LNAPLT (ft.)	GWE[3] (ft.)	TPH-DRO[4]	TPH-DRO w/Si gel	TPH-HRO[4]	TPH-HRO w/Si gel	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	D. Lead
B-3	9/9-13/13	LFP	108.46		8.09	0.00	100.37	160/2,700		<66/72		**1,700**	0.6	<0.5	37	0.9	<0.5	**16.0**
B-3	11/18-22/13	LFP	108.46	--	6.45	0.00	102.01	**42/1,600**		<67/180		190	<0.5	<0.5	<0.5	<0.5	<0.5	11.2
B-3	2/4-11/14	LFP	108.46		8.10	0.00	100.36	36/730		<67/<67		480	<0.5	<0.5	2	<0.5	<0.5	7.4
B-3	6/12-14/14	LFP	108.46	--	8.69	0.00	99.77	100/780		<66/100		260	<0.5	<0.5	1	<0.5	<0.5	8.3
B-3	8/18-21/14	LFP	108.46	--	9.23	0.00	99.23	180/1,000		<68/170		**1,000**	<0.5	<0.5	9	0.7	<0.5	8.9
B-3	11/19-20/14	LFP	108.46	--	8.17	0.00	100.29	**130/1,400**		<67/160		**900**	<0.5	<0.5	7	<0.5	<0.5	13.4
B-3	2/17-20/15	LFP	108.46	--	6.36	0.00	102.10	150/490		<66/180		650	<0.5	<0.5	<0.5	<0.5	<0.5	2.9
B-3	5/11-15/15	LFP	108.46	--	8.16	0.00	100.30	120/690		<66/<66		**1,400**	<0.5	<0.5	33	0.9	<0.5	0.0081
B-3	8/10-11/15	LFP	108.46	--	9.59	0.00	98.87	**130/2,000**		<67/550		660	<0.5	<0.5	5	0.5	<0.5	9.5
B-3	11/16-18/15	LFP	108.46	--	5.58	0.00	102.88	**57/1,200**		<67/180		**880**	<0.5	<0.5	2	<0.5	<0.5	0.0185
B-3	5/13-14/16	LFP	108.46		8.64	0.00	99.82	38/650		<67/220		400	<0.5	<0.5	1	<0.5		5.1
B-3	11/14/16	LFP	108.46	--	7.45	0.00	101.01	<29/380		<67/<67		560	<0.5	<0.5	1	<0.5	--	10.6
B-3	5/11/18		108.46	--	8.14	0.00	100.32	82	33	68	<67	**900**	<0.5	<0.5	5	<0.5	<0.5	1
B-3	11/11-12/2018		108.46	--	8.24	0.00	100.22	**2800**	180	370	<66	**2100**	1	0	5	<1	--	11
B-3	4/27/19		108.46	--	8.02	0.00	100.44	--	160	--	<66	<19	<0.2	<0.2	<0.4	<1	--	3
B-3	11/3/19		108.46	--	8.25	0.00	100.21	**1400**	90 J	84 J	<67	**1500**	0.2 J	0.3 J	8	<1	--	8
B-3	5/6/20		108.46	--	8.35	0.00	100.11	273	79.5 J	--	104 J	92.3 B J	<1.00	<1.00	<1.00	<3.00	--	<5.00
B-3	11/7/20		108.46	--	7.51	0	100.95	**1280**	122 B J	386	<250	**807**	0.240 J	<1.00	1.52	0.315 J	--	5.89
B-3	05/24/2021		108.46	--	8.85	0	98.83	83.0 J	83.0 J	<250	<250	<100	<1.00	<1.00	<1.00	<3.00	--	<6.00
B-4	2/14/91		107.68	--	--	0.00	--	<250		--		**33,000**	--	--	--	--	--	--
B-4	2/14/92		107.68		6.82	0.00	100.86											
B-4	2/18/92		107.68	--	5.94	0.00	101.74	--		--		--	--	--	--	--	--	--
B-4	3/9/92		107.68	--	6.62	0.00	101.06	--		--		--	--	--	--	--	--	--
B-4	3/13/92		107.68	--	6.88	0.00	100.80	--		--		**21,000**	--	--	--	--	--	--
B-4	4/21/92		107.68	--	6.57	0.00	101.11	--		--		--	--	--	--	--	--	--
B-4	3/3/94		107.68	--	--	0.00	--	**1,040**		**1,250**		**15,800**	--	--	--	--	--	--
B-4	8/22/95		107.68	--	7.92	0.00	99.76	**840**		**820**		**22,000**	--	--	--	--	--	--
B-4	11/28/95		107.68	--	6.11	0.00	101.57	**1,900**		**990**		**22,000**	--	--	--	--	--	3.1
B-4	3/12/96		107.68		6.85	0.00	100.83	**3,200**		**2,500**		**11,000**						4.7
B-4	6/26/96		107.68	--	7.58	0.00	100.10	**757**		<750		**16,100**	--	--	--	--	--	2.83
B-4	10/9/96		107.68		7.90	0.00	99.78	**543**		**<750**		**10,200**						4.13
B-4	2/12/97		107.68	--	6.01	0.00	101.67	**4,710**		**4,830**		**12,200**	--	--	--	--	--	2.82
B-4	4/22/97		107.68		10.10	0.00	97.58	**5,840**		**1,191**		**15,500**						4.18
B-4	8/5/97		107.68	--	8.37	0.00	99.31	**2,560**		**3,160**		**15,800**	--	--	--	--	--	6.26
B-4	11/11/97		107.68		7.67	0.00	100.01	**2,080**		**1,040**		**31,100**						4.75
B-4	2/11/98		107.68	--	6.45	0.00	101.23	**1,340**		**1,630**		**3,750**	--	--	--	--	--	<2.0
B-4	5/28/98		107.68	--	7.25	0.00	100.43	**3,180**		**1,250**		**2,510**	--	--	--	--	--	4.69
B-4	8/20/98		107.68	--	9.12	0.00	98.56	**1,460**		**1,240**		**7,240**	--	--	--	--	--	1.17
B-4	11/19/98		107.68	--	7.22	0.00	100.46	**2,470**		**3,750**		**1,880**	--	--	--	--	--	<1.0
B-4	3/11/99		107.68	--	5.41	0.00	102.27	**1,130**		**585**		**11,900**	--	--	--	--	--	3.54
B-4	5/25/99		107.68	--	7.45	0.00	100.23	<1,450		--		**5,380**	--	--	--	--	--	--
B-4	8/17/99		107.68	--	8.06	0.00	99.62	**670**		**868**		**2,700**	--	--	--	--	--	2.3
B-4	11/19/99		107.68		5.75	0.00	101.93	**1,700**				**11,400**						**17.5**
B-4	3/9/00		107.68	--	6.34	0.00	101.34	<1,250		**2,830**		**105,000**	--	--	--	--	--	10.9
B-4	6/13/00		107.68		6.80	0.00	100.88	<250		**943**		**8,810**						6.92
B-4	9/26/00		107.68	--	8.31	0.00	99.37	<250		0.565		--	--	--	--	--	--	5
B-4	12/13/00		107.68	--	7.54	0.00	100.14	**1,250**		<500		--	--	--	--	--	--	5.98
B-4	2/28/01		107.68	--	7.24	0.00	100.44	<250		<500		**12,100**	--	--	--	--	--	5.34
B-4	5/2/01		107.68	--	6.59	0.00	101.09	**15,700**		**757**		**12,300**	--	--	--	--	--	5.75
B-4	10/30/02		107.68	UNABLE TO LOCATE - PAVED OVER						--		--	--	--	--	--	--	--
B-4	1/23/03		107.68	UNABLE TO LOCATE - PAVED OVER						--		--	--	--	--	--	--	--
B-4	4/18/03		107.68	UNABLE TO LOCATE - PAVED OVER						--		--	--	--	--	--	--	--
B-4	7/11/03		107.68	UNABLE TO LOCATE - PAVED OVER														
B-4	10/31/03		107.68	UNABLE TO LOCATE - PAVED OVER						--		--	--	--	--	--	--	--
B-4	12/30/03		107.68	I 6.07 0.00 101.61				**17,000**		**2,000**		**1,700**	**<10**	<5.0	310	370		7.5
B-4	5/3/04		107.68	UNABLE TO LOCATE - PAVED OVER						--		--	--	--	--	--	--	--
B-4	7/20/04		107.68		8.23	0.00	99.45	<250		<500		**4,660**	**15.1**	1.3	42.3	10.1		--
B-4	10/6/04		107.68	--	7.45	0.00	100.23	390		180		**2,300**	--	--	--	--	--	--
B-4	1/27/05		107.68	--	6.72	0.00	100.96	200		<195		**2,800**	--	--	--	--	--	--
B-4	4/12/05		107.68	--	6.62	0.00	101.06	340		<100		**2,600**	--	--	--	--	--	--

Table 2. Summary of Groundwater Monitoring Data
COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
101 Mulford Road
Toledo, Washington

Well	Date	Purge Method	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	LNAPLT (ft.)	GWE[3] (ft.)	TPH-DRO[4]	TPH-DRO w/Si gel	TPH-HRO[4]	TPH-HRO w/Si gel	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	D. Lead
B-4	7/18/05		107.68	--	6.62	0.00	101.06	**560**		<1,100		**1,600**	--	--	--	--	--	--
B-4	10/21/05		107.68	--	7.81	0.00	99.87	190		260		**1,800**	--	--	--	--	--	--
B-4	9/4/07		107.68	--	8.40	0.00	99.28	310		<100		**3,200**	--	--	--	--	--	1.8
B-4	9/4/07 (D)		107.68	--	8.40	0.00	99.28	340		140		**3,300**	--	--	--	--	--	1.7
B-4	5/27-28/08	LFP	107.68		7.52	0.00	100.16	310		330		**1,800**	3	3	25	7	<0.5	2.9
B-4	8/27-29/08	LFP	107.68	--	7.88	0.00	99.80	330		**1,100**		**3,100**	1	0.9	22	4	<0.5	1.6
B-4	11/17-19/08	LFP	107.68		6.26	0.00	101.42	**700**		**2,600**		**3,500**	1	0.7	27	3	<0.5	2.3
B-4	2/16-18/09	LFP	107.68	--	7.40	0.00	100.28	440		480		**2,000**	0.6	<0.5	11	2	<0.5	2
B-4	5/4-6/09	LFP	107.68		6.46	0.00	101.22	**590**		**1,300**		**2,100**	<0.5	<0.5	20	2	<0.5	1.6
B-4	8/19-21/09	LFP	107.68	--	8.35	0.00	99.33	**590**		**810**		**910**	1	<0.5	5	1	<0.5	1.2
B-4	11/18-20/09	LFP	107.68		5.30	0.00	102.38	490		450		**5,700**	3	0.7	36	3	<0.5	5.2
B-4	2/8-10/10	LFP	107.68	--	6.78	0.00	100.90	400		**1,400**		350	<0.5	<0.5	4	<0.5	<0.5	0.46
B-4	5/12-13/10	LFP	107.68	--	7.23	0.00	100.45	**940**		**7,100**		360	<0.5	<0.5	1	<0.5	<0.5	0.15
B-4	8/11/10	LFP	107.68	--	8.00	0.00	99.68	**600**		**2,000**		170	<0.5	<0.5	1	<0.5	<0.5	0.26
B-4	11/3-4/10	LFP	107.68	--	6.19	0.00	101.49	400		**1,500**		530	<0.5	<0.5	4	0.7	<0.5	1
B-4	2/3-4/11	LFP	107.68	--	7.15	0.00	100.53	**1,400**		**4,700**		**2,200**	0.9	0.7	11	1	<0.5	2.9
B-4	5/24/11	LFP	107.68	--	7.22	0.00	100.46	300		**680**		**840**	<0.5	<0.5	0.8	<0.5	<0.5	1.2
B-4	8/23-24/11	LFP	107.68	--	8.50	0.00	99.18	230		<68		**1,400**	<0.5	<0.5	1	0.6	<0.5	1.4
B-4	11/7-9/11	LFP	107.68		8.15	0.00	99.53	120		360		**950**	<0.5	<0.5	1	0.5	<0.5	0.57
B-4	2/6-8/12	LFP	107.68	--	6.80	0.00	100.88	64		120		320	<0.5	<0.5	2	<0.5	<0.5	1.6
B-4	5/2-4/12	LFP	107.68		6.75	0.00	100.93	110		72		580	<0.5	<0.05	2	<0.5	<0.5	1.7
B-4	8/1-3/12	LFP	107.68	--	8.26	0.00	99.42	100		190		510	<0.5	<0.5	<0.5	<0.5	<0.5	0.83
B-4	11/26-28/12	LFP	107.68	--	6.34	0.00	101.34	320		210		**1,200**	<0.5	<0.5	8	0.7	<0.5	3.0
B-4	02/4-6/13	LFP	107.68	--	6.95	0.00	100.73	150		<69		**1,600**	<0.5	<0.5	4	<0.5	<0.5	2.5
B-4	05/6-8/13	LFP	107.68	--	7.53	0.00	100.15	140		<67		**2,400**	<0.5	<0.5	4	0.5	<0.5	2.4
B-4	9/9-13/13	LFP	107.68	--	7.30	0.00	100.38	130/250		<66/110		**1,200**	<0.5	<0.5	3	0.5	<0.5	1.6
B-4	11/18-22/13	LFP	107.68	--	6.76	0.00	100.92	120/150		<67/<67		**1,200**	<0.5	<0.5	3	<0.5	<0.5	1.9
B-4	2/4-11/14	LFP	107.68	--	7.36	0.00	100.32	140/170		<68/<68		**1,800**	<0.5	<0.5	3	<0.5	<0.5	2.4
B-4	6/12-14/14	LFP	107.68		7.94	0.00	99.74	120/260		<67/73		**1,200**	<0.5	<0.5	1	<0.5	<0.5	1.8
B-4	8/18-21/14	LFP	107.68	--	8.43	0.00	99.25	140/300		<67/88		**1,800**	<0.5	<0.5	1	0.5	<0.5	1.4
B-4	11/19-20/14	LFP	107.68		6.77	0.00	100.91	120/270		<66/<66		**1,300**	<0.5	<0.5	2	<0.5	<0.5	2.4
B-4	2/17-20/15	LFP	107.68	--	6.93	0.00	100.75	95/290		240/470		550	<0.5	<0.5	<0.5	<0.5	<0.5	0.73
B-4	5/11-15/15	LFP	107.68		7.91	0.00	99.77	130/210		<66/<66		**940**	<0.5	<0.5	1	<0.5	<0.5	0.0016
B-4	8/10-11/15	LFP	107.68	--	8.94	0.00	98.74	66/500		<66/340		600	<0.5	<0.5	<0.5	0.6	<0.5	0.89
B-4	11/16-18/15	LFP	107.68	--	4.73	0.00	102.95	**130/750**		**270/740**		**2,000**	**<0.5**	<0.5	4	<0.5	<0.5	0.0171
B-4	5/13-14/16	LFP	107.68	--	7.84	0.00	99.84	120/390		**300/550**		**2,100**	<0.5	<0.5	0.9	<0.5	--	0.81
B-4	11/14/16	LFP	107.68	--	6.30	0.00	101.38	**400/1,000**		**610/1,000**		**1,200**	<0.5	<0.5	<0.5	<0.5	--	1.00
B-4	5/11/18	LFP	107.68	--	7.39	0.00	100.29	650	180	**700**	260	**3600**	4	<0.5	1	<0.5	--	1.0
B-4	11/11-12/2018		107.68	--	7.52	0.00	100.16	230	110	330	150	**1600**	<0.2	<0.2	<0.4	<1	--	1.8
B-4	4/27/19		107.68	--	7.31	0.00	100.37	--	90 J	--	<68	**940**	<0.2	<0.2	<0.4	<1	--	6.9
B-4	11/3/19		107.68	--	7.51	0.00	100.17	290	120	410	270	**1500**	<0.2	<0.2	0.4 J	<1	--	**36.3**
B-4	5/6/20		107.68	--	7.54	0.00	100.14	230	115 J	--	106 J	**1800**	<1.00	<1.00	<1.00	<3.00	--	9.6
B-4	11/7/20		107.68	--	6.63	0	101.05	**1490**	157 B J	**507**	<250	**1360**	<1.00	<1.00	<1.00	<3.00	--	0.857 J
B-4	05/24/2021		107.68	--	7.89	0	99.79	<200	<200	<250	<250	<100	<1.00	<1.00	<1.00	<3.00	--	<6.00
MW-101	2/14/92		99.51	--	6.94	--	92.57	**33,000**		--		**45,000**	--	--	--	--	--	--
MW-101	2/18/92		99.51	--	6.88	--	92.63	--		--		--	--	--	--	--	--	--
MW-101	3/9/92		99.51		6.76		92.75											
MW-101	3/13/92		99.51	--	7.02	--	92.49	--		--		--	--	--	--	--	--	--
MW-101	4/21/92		99.51		7.73		91.78											
MW-101	3/3/94		99.51	--	--	--	--	**1,730**		<750		**73,000**	--	--	--	--	--	--
MW-101	8/22/95		99.51		7.90		91.61	**1,300**		<750		**12,000**						
MW-101	11/28/95		99.51	--	6.12	--	93.39	**1,400**		<750		**49,000**	--	--	--	--	--	**24**
MW-101	3/12/96		99.51		6.86		92.65	**760**		<750		**43,000**						9.3
MW-101	6/26/96		99.51	--	7.59	--	91.92	**656**		<750		**22,000**	--	--	--	--	--	8.22
MW-101	10/9/96		99.51	--	7.85	--	91.66	309		<750		**5,800**	--	--	--	--	--	4.24
MW-101	2/12/97		99.51	--	6.55	--	92.96	**1,090**		<750		**33,900**	--	--	--	--	--	7.04
MW-101	4/22/97		99.51	--	6.31	--	93.20	**1,870**		**977**		**21,500**	--	--	--	--	--	7.41
MW-101	11/11/97		99.51	--	6.76	--	92.75	**952**		<750		**23,400**	--	--	--	--	--	11.3
MW-101	2/11/98		99.51	--	6.78	--	92.73	**793**		<750		**28,400**	--	--	--	--	--	6.51
MW-101	5/28/98		99.51	--	6.91	--	92.60	**798**		<750		**11,900**	--	--	--	--	--	4.71

Table 2. Summary of Groundwater Monitoring Data
COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
101 Mulford Road
Toledo, Washington

Well	Date	Purge Method	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	LNAPLT (ft.)	GWE[3] (ft.)	TPH-DRO[4]	TPH-DRO w/Si gel	TPH-HRO[4]	TPH-HRO w/Si gel	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	D. Lead
MW-101	8/20/98		99.51		8.30		91.21	414		<750		**4,400**						1.6
MW-101	11/19/98		99.51	--	7.69	--	91.82	**714**		<750		**5,820**	--	--	--	--	--	1.7
MW-101	3/11/99		99.51		6.17		93.34	**1,200**		<500		**38,500**						6.82
MW-101	5/25/99		99.51	--	100.97	--	-1.46	**1,450**		--		**18,000**	--	--	--	--	--	--
MW-101	8/17/99		99.51	--	7.99	--	91.52	**810**		**750**		**2,940**	--	--	--	--	--	2.9
MW-101	11/19/99		99.51	--	5.84	--	93.67	**1,010**		--		**16,300**	--	--	--	--	--	**15.4**
MW-101	3/9/00		99.51	--	6.25	--	93.26	<250		<500		**15,800**	--	--	--	--	--	13
MW-101	6/13/00		99.51	--	6.98	--	92.53	<250		<500		**4,870**	--	--	--	--	--	4.3
MW-101	9/26/00		99.51	--	8.15	--	91.36	--		<250		<500	--	--	--	--	--	1.88
MW-101	12/13/00		99.51	--	7.65	--	91.86	**988**		442		<500	--	--	--	--	--	1.13
MW-101	2/28/01		99.51		7.25		92.26	<250		<500		**2,710**						2.45
MW-101	5/2/01		99.51	--	9.55	--	89.96	<250		<500		**2,280**	--	--	--	--	--	2.6
MW-101	10/30/02		99.54	UNABLE TO LOCATE														
MW-101	1/23/03		99.54	UNABLE TO LOCATE			--	--		--		--	--	--	--	--	--	--
MW-101	4/18/03		99.54	UNABLE TO LOCATE														
MW-101	7/11/03		99.54	UNABLE TO LOCATE			--	--		--		--	--	--	--	--	--	--
MW-101	10/31/03		99.54	UNABLE TO LOCATE - POSSIBLY PAVED OVER								--	--	--	--	--	--	--
MW-101	12/30/03		99.54				-- I 6.04	0.00	93.50	**13,000**		**890**		<96	<5.0	0.6	260	290	--	**27.9**
MW-101	5/3/04		99.54	UNABLE TO LOCATE - POSSIBLY PAVED OVER										--	--	--	--	--	--	--
MW-101	7/20/04		99.54	--	8.18	0.00	91.36	<250		<500		**1,040**	3.01	<0.500	0.822	1.21	--	<1.0'
MW-101	10/6/04		99.51	--	7.54	0.00	91.97	<81		<100		<260	--	--	--	--	--	--
MW-101	1/27/05		99.51	--	6.78	0.00	92.73	190		<100		**2,900**	--	--	--	--	--	--
MW-101	4/12/05		99.51		6.32	0.00	93.19	160		<100		**1,700**						
MW-101	7/18/05		99.51	--	7.78	0.00	91.73	93		<99		240	--	--	--	--	--	--
MW-101	10/21/05		99.51		7.75	0.00	91.76	110		<100		470						
MW-101	9/5/07		99.51	--	8.22	0.00	91.29	110		140		200	--	--	--	--	--	1.2
MW-101	5/27-28/08	LFP	99.51		7.71	0.00	91.80	<80		<99		410	<0.5	<0.5	0.5	<0.5	<0.5	1.2
MW-101	8/27-29/08	LFP	99.51	--	7.75	0.00	91.76	<79		<99		450	<0.5	<0.5	<0.5	<0.5	<0.5	0.39
MW-101	11/17-19/08	LFP	99.51		6.33	0.00	93.18	74		<68		520	<0.5	<0.5	1	<0.5	<0.5	1.1
MW-101	2/16-18/09	LFP	99.51	--	7.43	0.00	92.08	68		<67		590	<0.5	<0.5	<0.5	<0.5	<0.5	0.96
MW-101	5/4-6/09	LFP	99.51	--	6.93	0.00	92.58	66		<68		370	<0.5	<0.5	<0.5	<0.5	<0.5	0.39
MW-101	8/19-21/09	LFP	99.51	--	8.16	0.00	91.35	65		<70		510	<0.5	<0.5	<0.5	<0.5	<0.5	0.22
MW-101	11/18-20/09	LFP	99.51	--	4.97	0.00	94.54	42		<69		84	<0.5	<0.5	<0.5	<0.5	<0.5	1
MW-101	2/8-10/10	LFP	99.51	--	6.82	0.00	92.69	130		190		**970**	<0.5	<0.5	1	<0.5	<0.5	2.1
MW-101	5/12-13/10	LFP	99.51	--	7.32	0.00	92.19	64		<70		470	<0.5	<0.5	<0.5	<0.5	<0.5	0.65
MW-101	8/12/10	LFP	99.51	--	7.96	0.00	91.55	52		<68		370	<0.5	<0.5	<0.5	<0.5	<0.5	0.24
MW-101	MONITORING WELL DECOMMISSIONED/SAMPLINC DISCONTINUED																	
MW-102	2/14/92				6.94	0.00												
MW-102	2/18/92		--	--	6.88	0.00	--	--		--		--	--	--	--	--	--	--
MW-102	3/9/92		--	--	6.76	0.00	--	--		--		--	--	--	--	--	--	--
MW-102	3/13/92		--	--	7.02	0.00	--	--		--		150	--	--	--	--	--	--
MW-102	4/21/92		--	--	7.72	0.00	--	--		--		--	--	--	--	--	--	--
MW-102	NOT PART OF MONITORING/SAMPLING PROGRAM																	
MW-104	2/14/92		100.45	--	8.86	0.00	91.59	--		--		--	--	--	--	--	--	--
MW-104	02/1892		100.45		8.84	0.00	91.61											
MW-104	3/9/92		100.45	--	8.73	0.00	91.72	--		--		--	--	--	--	--	--	--
MW-104	3/13/92		100.45		8.84	0.00	91.61					<50						
MW-104	4/21/92		100.45	--	8.72	0.00	91.73	--		--		--	--	--	--	--	--	--
MW-104	8/22/95		100.45		9.30	0.00	91.15	<250		<750		<50						
MW-104	11/27/95		100.45	--	8.39	0.00	92.06	--		--		--	--	--	--	--	--	--
MW-104	3/12/96		100.45	--	8.78	0.00	91.67	--		--		--	--	--	--	--	--	--
MW-104	6/27/96		100.45	--	9.00	0.00	91.45	--		--		--	--	--	--	--	--	--
MW-104	10/10/96		100.45	--	9.18	0.00	91.27	--		--		--	--	--	--	--	--	--
MW-104	2/12/97		100.45	--	8.65	0.00	91.80	<250		<750		<50	--	--	--	--	--	<2.0
MW-104	4/22/97		100.45	--	8.50	0.00	91.95	<250		<750		<50	--	--	--	--	--	<2.0
MW-104	8/5/97		100.45	--	9.20	0.00	91.25	<250		<750		<50	--	--	--	--	--	<2.0
MW-104	11/11/97		100.45		8.81	0.00	91.64	<250		<750		<50						<2.0
MW-104	2/11/98		100.45	--	8.83	0.00	91.62	<250		<750		<50	--	--	--	--	--	<2.0
MW-104	5/28/98		100.45		8.97	0.00	91.48	<250		<750		<50						9.54
MW-104	8/20/98		100.45	--	9.51	0.00	90.94	<250		<750		<50	--	--	--	--	--	<1.0
MW-104	11/19/98		100.45		9.82	0.00	90.63	<250		<750		<50						<1.0

Table 2. Summary of Groundwater Monitoring Data
COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
101 Mulford Road
Toledo, Washington

Well	Date	Purge Method	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	LNAPLT (ft.)	GWE[3] (ft.)	TPH-DRO[4]	TPH-DRO w/Si gel	TPH-HRO[4]	TPH-HRO w/Si gel	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	D. Lead
MW-104	3/11/99		100.45	--	8.48	0.00	91.97	<250		<500		<80	--	--	--	--	--	<1.0
MW-104	5/25/99		100.45		8.96	0.00	91.49	<250				<80						
MW-104	8/17/99		100.45	--	9.24	0.00	91.21	<250		<500		<80	--	--	--	--	--	<1.0
MW-104	11/19/99		100.45	--	8.40	0.00	92.05	<250		--		<80	--	--	--	--	--	1.0
MW-104	3/9/00		100.45	--	8.49	0.00	91.96	<250		<50		<80	--	--	--	--	--	<1.0
MW-104	6/13/00		100.45	--	8.89	0.00	91.56	<250		<500		<80	--	--	--	--	--	<1.0
MW-104	9/26/00		100.45	--	9.32	0.00	91.13	<250		<500		--	--	--	--	--	--	<1.0
MW-104	12/13/00		100.45	--	9.09	0.00	91.36	<250		<500		--	--	--	--	--	--	<1.0
MW-104	2/28/01		100.45	--	8.89	0.00	91.56	<250		<500		<80	--	--	--	--	--	<1.0
MW-104	5/2/01		100.45		8.79	0.00	91.66	<250		<500		103						<1.0
MW-104	10/30/02		100.44	UNABLE TO LOCATE -- --						--		--	--	--	--	--	--	--
MW-104	1/23/03		100.44	MONITORED/SAMPLED ANNUALLY						--		--	--	--	--	--	--	--
MW-104	4/18/03		100.44	MONITORED/SAMPLED ANNUALLY						--		--	--	--	--	--	--	--
MW-104	7/11/03		100.44	MONITORED/SAMPLED ANNUALLY						--		--	--	--	--	--	--	--
MW-104	10/31/03		100.44	--	9.15	0.00	91.29	<250		<500		<50	<0.500	<0.500	<0.500	<1.00	--	<1.0[5]
MW-104	12/30/03		100.44	--	8.39	0.00	92.05	<50		<77		<96	<0.5	<0.5	<0.5	<1.5	--	<1.2
MW-104	5/3/04		100.44	MONITORED/SAMPLED ANNUALLY						--		--	--	--	--	--	--	--
MW-104	7/20/04		100.44	MONITORED/SAMPLED ANNUALLY						--		--	--	--	--	--	--	--
MW-104	10/7/04		100.45	--	9.09	0.00	91.36	<83		<100		<50	--	--	--	--	--	--
MW-104	10/20/05		100.45	--	9.19	0.00	91.26	<82		<100		<48	--	--	--	--	--	--
MW-104	9/6/07		100.45	--	9.42	0.00	91.03	<79		<98		<50	--	--	--	--	--	0.087
MW-104	5/27-28/08		100.45	**INACCESSIBLE**			--	--		--		--	--	--	--	--	--	--
MW-104	8/27-29/08	LFP	100.45	--	9.23	0.00	91.22	<79		<99		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-104	11/17-19/08	LFP	100.46	--	8.75	0.00	91.71	<30		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-104	2/16-18/09	LFP	100.46	--	9.01	0.00	91.45	<29		<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.1
MW-104	5/4-6/09	LFP	100.46	--	8.88	0.00	91.58	38		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-104	8/19-21/09	LFP	100.46	--	9.32	0.00	91.14	<29		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.057
MW-104	11/18-20/09	LFP	100.46	--	8.08	0.00	92.38	<29		<68		98	<0.5	<0.5	<0.5	<0.5	<0.5	0.11
MW-104	2/8-10/10	LFP	100.46	--	8.76	0.00	91.70	<29		<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.053
MW-104	MONITORING WELL DECOMMISSIONED/SAMPLING DISCONTINUED																	
MW-105	2/14/92		96.14	--	3.36	0.00	92.78	--		--		--	--	--	--	--	--	--
MW-105	2/18/92		96.14	--	3.34	0.00	92.80	--		--		--	--	--	--	--	--	--
MW-105	3/9/92		96.14	--	3.25	0.00	92.89	--		--		--	--	--	--	--	--	--
MW-105	3/13/92		96.14	--	3.60	0.00	92.54	--		--		<50	--	--	--	--	--	--
MW-105	4/21/92		96.14	--	3.40	0.00	92.74	--		--		--	--	--	--	--	--	--
MW-105	8/22/95		96.14	--	5.08	0.00	91.06	<250		**900**		<50	--	--	--	--	--	--
MW-105	11/28/95		96.14	--	2.53	0.00	93.61	--		--		--	--	--	--	--	--	--
MW-105	3/12/96		96.14	--	3.37	0.00	92.77	--		--		--	--	--	--	--	--	--
MW-105	6/26/96		96.14	--	4.74	0.00	91.40	--		--		--	--	--	--	--	--	--
MW-105	10/9/96		96.14	--	4.93	0.00	91.21	--		--		--	--	--	--	--	--	--
MW-105	2/12/97		96.14	--	3.19	0.00	92.95	<250		<750		<50	--	--	--	--	--	2
MW-105	4/22/97		96.14	--	3.08	0.00	93.06	<250		<750		<50	--	--	--	--	--	2
MW-105	8/5/97		96.14	--	4.85	0.00	91.29	<250		<750		<50	--	--	--	--	--	2
MW-105	11/11/97		96.14	--	3.11	0.00	93.03	<250		<750		<50	--	--	--	--	--	2
MW-105	2/11/98		96.14	--	3.24	0.00	92.90	<250		<750		<50	--	--	--	--	--	2
MW-105	5/28/98		96.14	--	3.91	0.00	92.23	<250		<750		<50	--	--	--	--	--	6.62
MW-105	8/20/98		96.14	--	5.28	0.00	90.86	<250		<750		<50	--	--	--	--	--	<1.00
MW-105	11/19/98		96.14	--	5.37	0.00	90.77	<250		<750		<50	--	--	--	--	--	<1.00
MW-105	3/11/99		96.14	--	2.43	0.00	93.71	<250		<500		<80	--	--	--	--	--	<1.00
MW-105	5/25/99		96.14	--	4.29	0.00	91.85	<250		--		<80	--	--	--	--	--	--
MW-105	8/17/99		96.14	--	5.06	0.00	91.08	<250		<500		<80	--	--	--	--	--	<1.00
MW-105	11/19/99		96.14	--	3.08	0.00	93.06	<250		--		<80	--	--	--	--	--	<1.00
MW-105	3/9/00		96.14	--	2.75	0.00	93.39	<250		<500		<80	--	--	--	--	--	<1.00
MW-105	6/13/00		96.14	--	4.45	0.00	91.69	<250		<500		<80	--	--	--	--	--	<1.00
MW-105	9/26/00		96.14	--	5.20	0.00	90.94	<250		<500		--	--	--	--	--	--	<1.00
MW-105	12/13/00		96.14	--	4.67	0.00	91.47	<250		<500		--	--	--	--	--	--	1.37
MW-105	2/28/01		96.14	--	3.92	0.00	92.22	<250		<500		<80	--	--	--	--	--	<1.00
MW-105	5/2/01		96.14	--	3.53	0.00	92.61	<250		<750		87	--	--	--	--	--	<1.00
MW-105	10/30/02		96.15	UNABLE TO LOCATE			--	--		--		--	--	--	--	--	--	--
MW-105	1/23/03		96.15	MONITORED/SAMPLED ANNUALLY						--		--	--	--	--	--	--	--
MW-105	4/18/03		96.15	MONITORED/SAMPLED ANNUALLY						--		--	--	--	--	--	--	--

Table 2. Summary of Groundwater Monitoring Data
COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
101 Mulford Road
Toledo, Washington

Well	Date	Purge Method	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	LNAPLT (ft.)	GWE[3] (ft.)	TPH-DRO[4]	TPH-DRO w/Si gel	TPH-HRO[4]	TPH-HRO w/Si gel	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	D. Lead
MW-105	7/11/03		96.15	MONITORED/SAMPLED ANNUALLY						--		--	--	--	--	--	--	--
MW-105	10/31/03		96.15	UNABLE TO LOCATE			--	--		--		--	--	--	--	--	--	--
MW-105	12/31/03		96.15		-- I 2.45	0.00	93.70	<50		<400		<500	<0.5	<0.5	<0.5	<1.5	--	<1.2
MW-105	5/3/04		96.15	MONITORED/SAMPLED **ANNUALLY**						--		--	--	--	--	--	--	--
MW-105	7/20/04		96.15	MONITORED/SAMPLED ANNUALLY						--		--	--	--	--	--	--	--
MW-105	10/7/04		96.14	--	4.71	0.00	91.43	<160		<200		<50	--	--	--	--	--	--
MW-105	10/20/05		96.14	--	5.16	0.00	90.98	<82		<100		<48	--	--	--	--	--	--
MW-105	9/6/07		96.14	--	5.34	0.00	90.80	<100		<81		<50	--	--	--	--	--	0.47
MW-105	5/27-28/08		96.14	UNABLE TO LOCATE			--	--		--		--	--	--	--	--	--	--
MW-105	8/27-29/08	LFP	96.14	--	5.16	0.00	90.98	<81		<100		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-105	11/17-19/08	LFP	96.14	--	3.75	0.00	92.39	<30		<70		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-105	2/16-18/09	LFP	96.14	--	6.15	0.00	89.99	<29		<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.57
MW-105	5/4-6/09	LFP	96.14	--	3.68	0.00	92.46	<29		<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-105	8/19-21/09	LFP	96.14	--	5.25	0.00	90.89	<30		<70		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.064
MW-105	11/18-20/09	LFP	96.14	--	1.56	0.00	94.58	<29		<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.053
MW-105	2/8-10/10	LFP	96.14	--	3.37	0.00	92.77	<29		<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.078
MW-105	MONITORING WELL DECOMMISSIONED/SAMPLING DISCONTINUED																	
MW-106	2/14/92		99.71	--	8.18	0.00	91.53	--		--		--	--	--	--	--	--	--
MW-106	2/18/92		99.71	--	8.20	0.00	91.51	--		--		--	--	--	--	--	--	--
MW-106	3/9/92		99.71	--	8.04	0.00	91.67	--		--		--	--	--	--	--	--	--
MW-106	3/13/92		99.71	--	8.18	0.00	91.53	--		--		<50	--	--	--	--	--	--
MW-106	4/21/92		99.71	--	8.02	0.00	91.69	--		--		--	--	--	--	--	--	--
MW-106	8/22/95		99.71	--	8.79	0.00	90.92	<250		<750		<50	--	--	--	--	--	--
MW-106	11/28/95		99.71	--	7.63	0.00	92.08	--		--		--	--	--	--	--	--	--
MW-106	3/12/96		99.71	--	8.04	0.00	91.67	<250		<750		<50	--	--	--	--	--	<2.0
MW-106	6/26/96		99.71	--	8.61	0.00	91.10	<250		<750		<50	--	--	--	--	--	<2.0
MW-106	10/9/96		99.71	--	8.65	0.00	91.06	<250		<750		<50	--	--	--	--	--	2.16
MW-106	2/12/97		99.71	--	7.95	0.00	91.76	<250		<750		<50	--	--	--	--	--	<2.0
MW-106	4/22/97		99.71	--	7.73	0.00	91.98	<250		<750		<50	--	--	--	--	--	<2.0
MW-106	8/5/97		99.71	--	8.68	0.00	91.03	<250		<750		<50	--	--	--	--	--	<2.0
MW-106	11/11/97		99.71	--	8.07	0.00	91.64	<250		<750		<50	--	--	--	--	--	<2.0
MW-106	2/11/98		99.71	--	8.12	0.00	91.59	<250		<750		<50	--	--	--	--	--	<2.0
MW-106	5/28/98		99.71	--	8.35	0.00	91.36	<250		<750		<50	--	--	--	--	--	4.53
MW-106	8/20/98		99.71	--	8.96	0.00	90.75	<250		<750		<50	--	--	--	--	--	<1.0
MW-106	11/19/98		99.71	--	9.37	0.00	90.34	<250		<750		<50	--	--	--	--	--	<1.0
MW-106	3/11/99		99.71	--	7.70	0.00	92.01	<250		<50		<80	--	--	--	--	--	1.1
MW-106	5/25/99		99.71	--	8.32	0.00	91.39	<250		--		<80	--	--	--	--	--	--
MW-106	8/17/99		99.71	--	8.70	0.00	91.01	<250		<500		<80	--	--	--	--	--	<1.0
MW-106	11/19/99		99.71	--	7.88	0.00	91.83	<250		--		<80	--	--	--	--	--	<1.0
MW-106	3/9/00		99.71	--	7.74	0.00	91.97	<250		<500		<80	--	--	--	--	--	<1.0
MW-106	6/13/00		99.71	--	8.39	0.00	91.32	<250		<500		<80	--	--	--	--	--	<1.0
MW-106	9/26/00		99.71	--	8.79	0.00	90.92	<250		<500		--	--	--	--	--	--	<1.0
MW-106	12/13/00		99.71	--	8.51	0.00	91.20	<250		<500		--	--	--	--	--	--	<1.0
MW-106	2/28/01		99.71	--	8.18	0.00	91.53	<250		<500		<80	--	--	--	--	--	<2.0
MW-106	5/2/01		99.71	--	8.17	0.00	91.54	<250		<500		88	--	--	--	--	--	<1.0
MW-106	10/30/02		99.73	--	8.98	0.00	90.75	<250		<500		<80	<0.500	<0.500	<0.500	<1.00	--	<1.0
MW-106	1/23/03		99.73	MONITORED/SAMPLED ANNUALLY						--		--	--	--	--	--	--	--
MW-106	4/18/03		99.73	MONITORED/SAMPLED ANNUALLY						--		--	--	--	--	--	--	--
MW-106	7/11/03		99.73	MONITORED/SAMPLED ANNUALLY						--		--	--	--	--	--	--	--
MW-106	10/31/03		99.73	--	8.52	0.00	91.21	<250		<500		<50	<0.500	<0.500	<0.500	<1.00	--	<1.0[5]
MW-106	12/31/03		99.73	--	7.54	0.00	92.19	<50		<78		<98	<0.5	<0.5	<0.5	<1.5	--	<1.2
MW-106	5/3/04		99.73	**MONITORED/SAMPLED ANNUALLY**						--		--	--	--	--	--	--	--
MW-106	7/20/04		99.73	**MONITORED/SAMPLED ANNUALLY**						--		--	--	--	--	--	--	--
MW-106	10/7/04		99.71	--	8.50	0.00	91.21	<78		<97		<50	--	--	--	--	--	--
MW-106	10/20/05		99.71	--	8.70	0.00	91.01	<82		<100		<48	--	--	--	--	--	--
MW-106	9/6/07		99.71	--	8.88	0.00	90.83	<80		<100		<50	--	--	--	--	--	0.13
MW-106	5/27-28/08		99.71	**INACCESSIBLE**			--	--		--		--	--	--	--	--	--	--
MW-106	8/27-29/08	LFP	99.71	--	8.72	0.00	90.99	<79		<99		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-106	11/17-19/08	LFP	99.71	--	8.18	0.00	91.53	30		<70		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-106	2/16-18/09	LFP	99.71	--	8.40	0.00	91.31	<29		<67		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.072

Table 2. Summary of Groundwater Monitoring Data
COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
101 Mulford Road
Toledo, Washington

Well	Date	Purge Method	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	LNAPLT (ft.)	GWE[3] (ft.)	TPH-DRO[4]	TPH-DRO w/Si gel	TPH-HRO[4]	TPH-HRO w/Si gel	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	D. Lead
MW-106	5/4-6/09	LFP	99.71	--	8.30	0.00	91.41	<29		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-106	8/19-21/09	LFP	99.71	--	8.65	0.00	91.06	<30		<70		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-106	11/18-20/09	LFP	99.71	--	7.40	0.00	92.31	<29		<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.11
MW-106	2/8-10/10	LFP	99.71	--	8.05	0.00	91.66	<29		<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-106	MONITORING WELL DECOMMISSIONED/SAMPLING DISCONTINUED																	
MW-107	2/14/92		100.00	--	8.50	0.00	91.50	--		--		--	--	--	--	--	--	--
MW-107	2/18/92		100.00	--	8.50	0.00	91.50	--		--		--	--	--	--	--	--	--
MW-107	3/9/92		100.00	--	8.36	0.00	91.64	--		--		--	--	--	--	--	--	--
MW-107	3/13/92		100.00	--	8.52	0.00	91.48	--		--		<50	--	--	--	--	--	--
MW-107	4/21/92		100.00	--	8.36	0.00	91.64	--		--		--	--	--	--	--	--	--
MW-107	8/22/95		100.00	--	9.06	0.00	90.94	<250		<750		<50	--	--	--	--	--	--
MW-107	11/28/95		100.00	--	8.00	0.00	92.00	--		--		--	--	--	--	--	--	--
MW-107	3/12/96		100.00	--	8.36	0.00	91.64	--		--		--	--	--	--	--	--	--
MW-107	6/26/96		100.00	--	8.89	0.00	91.11	--		--		--	--	--	--	--	--	--
MW-107	10/9/96		100.00	--	8.94	0.00	91.06	--		--		--	--	--	--	--	--	--
MW-107	2/12/97		100.00	--	8.25	0.00	91.75	<250		<750		<50	--	--	--	--	--	<2.0
MW-107	4/22/97		100.00	--	8.05	0.00	91.95	<250		<750		<50	--	--	--	--	--	<2.0
MW-107	8/5/97		100.00	--	8.95	0.00	91.05	<250		<809		<50	--	--	--	--	--	<2.0
MW-107	11/11/97		100.00	--	8.37	0.00	91.63	<250		**750**		<50	--	--	--	--	--	<2.0
MW-107	2/11/98		100.00	--	8.44	0.00	91.56	351		**750**		<50	--	--	--	--	--	<2.0
MW-107	5/28/98		100.00	--	8.73	0.00	91.27	<250		754		<50	--	--	--	--	--	--
MW-107	8/20/98		100.00	--	9.24	0.00	90.76	<250		**750**		<50	--	--	--	--	--	1
MW-107	11/19/98		100.00	--	9.65	0.00	90.35	<250		**750**		<50	--	--	--	--	--	<1.0
MW-107	3/11/99		100.00	--	8.08	0.00	91.92	**539**		**750**		<80	--	--	--	--	--	<1.0
MW-107	5/25/99		100.00	--	8.82	0.00	91.18	<250		<500		<80	--	--	--	--	--	--
MW-107	8/17/99		100.00	--	8.10	0.00	91.90	<250		--		<80	--	--	--	--	--	<1.0
MW-107	11/19/99		100.00	--	8.21	0.00	91.79	<250		<500		<80	--	--	--	--	--	<1.0
MW-107	3/9/00		100.00	--	8.08	0.00	91.92	<250		--		<80	--	--	--	--	--	<1.0
MW-107	6/13/00		100.00	--	8.88	0.00	91.12	<250		<500		<80	--	--	--	--	--	<1.0
MW-107	9/26/00		100.00	--	9.07	0.00	90.93	<250		<500		--	--	--	--	--	--	<1.0
MW-107	12/13/00		100.00	--	8.78	0.00	91.22	<250		<500		--	--	--	--	--	--	<1.0
MW-107	2/28/01		100.00	--	8.63	0.00	91.37	<250		<500		<80	--	--	--	--	--	<1.0
MW-107	5/2/01		100.00	--	8.63	0.00	91.37	<250		<500		88	--	--	--	--	--	<1.0
MW-107	10/30/02		100.00	UNABLE TO LOCATE			--	--		--		--	--	--	--	--	--	--
MW-107	1/23/03		100.00	MONITORED/SAMPLED ANNUALLY						--		--	--	--	--	--	--	--
MW-107	4/18/03		100.00	MONITORED/SAMPLED ANNUALLY						--		--	--	--	--	--	--	--
MW-107	7/11/03		100.00	MONITORED/SAMPLED ANNUALLY						--		--	--	--	--	--	--	--
MW-107	10/31/03		100.00	UNABLE TO LOCATE			--	--		--		--	--	--	--	--	--	--
MW-107	12/31/03		100.00		--	7.92	0.00	92.08	<50		85		150	<0.5	<0.5	<0.5	<1.5	--	<1.2
MW-107	5/3/04		100.00	MONITORED/SAMPLED ANNUALLY						--		--	--	--	--	--	--	--
MW-107	7/20/04		100.00	MONITORED/SAMPLED ANNUALLY						--		--	--	--	--	--	--	--
MW-107	10/7/04		100.00	--	8.78	0.00	91.22	<80		<100		<50	--	--	--	--	--	--
MW-107	10/20/05		100.00	--	8.97	0.00	91.03	<81		<100		<48	--	--	--	--	--	--
MW-107	9/6/07		100.00	--	9.18	0.00	90.82	<78		<98		<50	--	--	--	--	--	0.07
MW-107	5/27-28/08		100.00	INACCESSIBLE			--	--		--		--	--	--	--	--	--	--
MW-107	8/27-29/08	LFP	100.00	--	8.98	0.00	91.02	<79		<99		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-107	11/17-19/08	LFP	100.00	--	8.46	0.00	91.54	38		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-107	2/16-18/09	LFP	100.00	--	8.62	0.00	91.38	35		70		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.068
MW-107	5/4-6/09	LFP	100.00	--	8.95	0.00	91.05	<30		<70		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-107	8/19-21/09	LFP	100.00	--	9.11	0.00	90.89	<30		<70		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.27
MW-107	11/18-20/09	LFP	100.00	--	7.77	0.00	92.23	99		<70		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-107	2/8-10/10	LFP	100.00	--	8.25	0.00	91.75	<30		<70		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-107	MONITORING WELL DECOMMISSIONED/SAMPLING DISCONTINUED																	
MW-108	2/14/92		99.79	--	8.10	0.00	91.69	--		--		--	--	--	--	--	--	--
MW-108	2/18/92		99.79	--	8.62	0.00	91.17	--		--		--	--	--	--	--	--	--
MW-108	3/9/92		99.79	--	8.49	0.00	91.30	--		--		--	--	--	--	--	--	--
MW-108	3/13/92		99.79	--	8.63	0.00	91.16	--		--		<50	--	--	--	--	--	--
MW-108	4/21/92		99.79	--	8.47	0.00	91.32	--		--		--	--	--	--	--	--	--
MW-108	8/22/95		99.79	--	9.04	0.00	90.75	<250		<750		<50	--	--	--	--	--	--

Table 2. Summary of Groundwater Monitoring Data
COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
101 Mulford Road
Toledo, Washington

Well	Date	Purge Method	TOC[2] (ft.)	DTP (ft.)	DTW (ft.)	LNAPLT (ft.)	GWE[3] (ft.)	TPH-DRO[4]	TPH-DRO w/Si gel	TPH-HRO[4]	TPH-HRO w/Si gel	TPH-GRO	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	D. Lead
MW-108	11/28/95		99.79	--	7.98	0.00	91.81	--		--		--	--	--	--	--	--	--
MW-108	3/12/96		99.79	--	8.50	0.00	91.29	--		--		--	--	--	--	--	--	--
MW-108	6/26/96		99.79	--	8.86	0.00	90.93	--		--		--	--	--	--	--	--	--
MW-108	10/9/96		99.79	--	8.91	0.00	90.88	--		--		--	--	--	--	--	--	--
MW-108	2/12/97		99.79	--	8.41	0.00	91.38	<250		<750		<50	--	--	--	--	--	<2.0
MW-108	4/22/97		99.79	--	8.08	0.00	91.71	<250		<750		<50	--	--	--	--	--	<2.0
MW-108	8/5/97		99.79	--	8.94	0.00	90.85	<250		**825**		<50	--	--	--	--	--	<2.0
MW-108	11/11/97		99.79	--	8.53	0.00	91.26	<250		<750		<50	--	--	--	--	--	<2.0
MW-108	2/11/98		99.79	--	8.59	0.00	91.20	<250		**873**		<50	--	--	--	--	--	<2.0
MW-108	5/28/98		99.79	--	8.72	0.00	91.07	<250		<750		<50	--	--	--	--	--	4.27
MW-108	8/20/98		99.79	--	9.20	0.00	90.59	<250		<750		<50	--	--	--	--	--	<1.0
MW-108	11/19/98		99.79	--	9.60	0.00	90.19	<250		<750		<50	--	--	--	--	--	<1.0
MW-108	3/11/99		99.79	--	8.16	0.00	91.63	<250		<500		<80	--	--	--	--	--	<1.0
MW-108	5/25/99		99.79	--	8.69	0.00	91.10	<250		--		<80	--	--	--	--	--	--
MW-108	8/17/99		99.79	--	8.96	0.00	90.83	<250		<500		<80	--	--	--	--	--	<1.0
MW-108	11/19/99		99.79	--	8.08	0.00	91.71	<250		--		<80	--	--	--	--	--	<1.0
MW-108	3/9/00		99.79	--	8.16	0.00	91.63	<250		<500		<80	--	--	--	--	--	<1.0
MW-108	6/13/00		99.79	--	8.69	0.00	91.10	<250		<500		<80	--	--	--	--	--	<1.0
MW-108	9/26/00		99.79	--	9.04	0.00	90.75	<250		<500		--	--	--	--	--	--	<1.0
MW-108	12/13/00		99.79	--	8.81	0.00	90.98	<250		<500		--	--	--	--	--	--	<1.0
MW-108	2/28/01		99.79	--	8.60	0.00	91.19	<250		<500		<80	--	--	--	--	--	<1.0
MW-108	5/2/01		99.79	--	8.53	0.00	91.26	<250		<500		<80	--	--	--	--	--	<1.0
MW-108	10/30/02		99.79	--	9.24	0.00	90.55	<250		<500		<80	<0.500	<0.500	<0.500	<1.0	--	<1.0
MW-108	1/23/03		99.79	MONITORED/SAMPLED ANNUALLY						--		--	--	--	--	--	--	--
MW-108	4/18/03		99.79	MONITORED/SAMPLED ANNUALLY						--		--	--	--	--	--	--	--
MW-108	7/11/03		99.79	**MONITORED/SAMPLED ANNUALLY**						--		--	--	--	--	--	--	--
MW-108	10/31/03		99.79	--	8.82	0.00	90.97	<250		<500		<50.0	<0.500	<0.500	<0.500	<1.0	--	<1.0[5]
MW-108	12/31/03		99.79	--	7.95	0.00	91.84	<50		<77		<97	<0.5	<0.5	<0.5	<1.5	--	<1.2
MW-108	5/3/04		99.79	**MONITORED/SAMPLED ANNUALLY**						--		--	--	--	--	--	--	--
MW-108	7/20/04		99.79	**MONITORED/SAMPLED ANNUALLY**						--		--	--	--	--	--	--	--
MW-108	10/7/04		99.79	--	8.80	0.00	90.99	<80		<100		<50	--	--	--	--	--	--
MW-108	10/20/05		99.79	--	8.89	0.00	90.90	<81		<100		<48	--	--	--	--	--	--
MW-108	10/20/05(D)		99.79	--	8.89	0.00	90.90	<81		<100		<48	--	--	--	--	--	--
MW-108	9/6/07		99.79	--	9.15	0.00	90.64	<80		<100		<50	--	--	--	--	--	0.12
MW-108	5/27-28/08		99.79	**INACCESSIBLE**			--	--		--		--	--	--	--	--	--	--
MW-108	8/27-29/08	LFP	99.79	--	9.00	0.00	90.79	<78		<98		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-108	11/17-19/08	LFP	99.79	--	8.48	0.00	91.31	<30		<70		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-108	2/16-18/09	LFP	99.79	--	8.74	0.00	91.05	1,100		230		<50	<0.5	<0.5	<0.5	<0.5	<0.5	0.070
MW-108	5/4-6/09	LFP	99.79	--	8.62	0.00	91.17	<29		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-108	8/19-21/09	LFP	99.79	--	9.07	0.00	90.72	<30		<69		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-108	11/18-20/09	LFP	99.79	--	7.64	0.00	92.15	<29		<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-108	2/8-10/10	LFP	99.79	--	8.50	0.00	91.29	<29		<68		<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.050
MW-108	MONITORING WELL DECOMMISSIONED/SAMPLING DISCONTINUED																	
							Current Method:[7]	NWTPH-Dx Extended				NWTPH-Gx and USEPA 8260B						USEPA 6020

Table 2. Summary of Groundwater Monitoring Data
COWLITZ BP / COWLITZ Food and Fuel / Former Texaco Service Station No. 211556
101 Mulford Road
Toledo, Washington

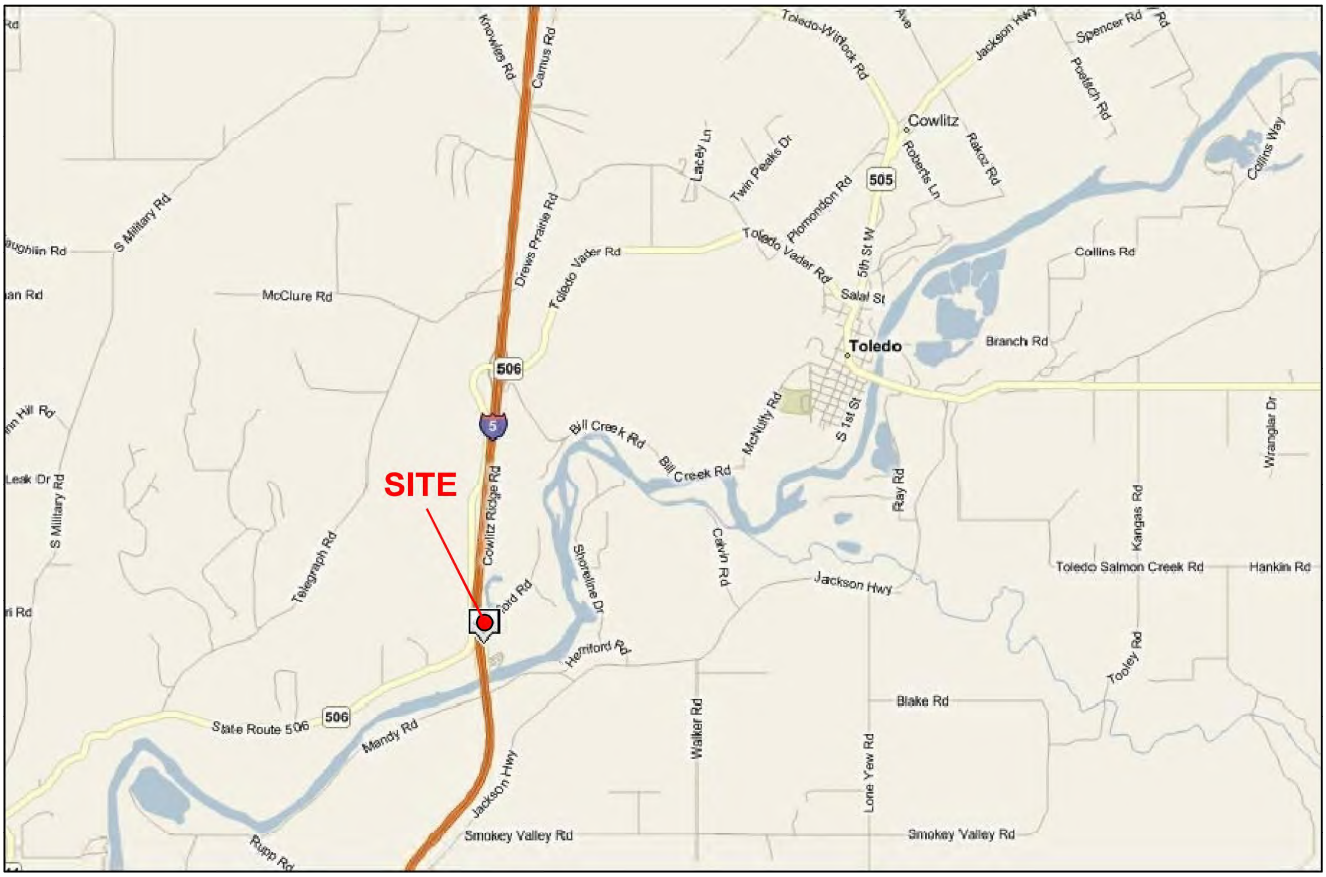
Notes:
800/1,000 = GRO MTCA Method A CUL with benzene present is 800 µg/L and without is 1,000 µg/L
BOLD and highlighted values exceed their respective MTCA Method A cleanup level
BOLD values are non-detect do not exceed the laboratory method detection limit (MDL), but the MDL exceeds the MTCA Method A cleanup level
Results reported in micrograms per liter (µg/L)

Abbreviations:
TOC = Top of Casing in feet above North American Vertical Datum of 1988 (NAVD 88)
DTW = Depth to water in feet below TOC
NAPL = Non-aqueous phase liquid thickness in feet
GWE = Groundwater elevation in feet relative to NAVD88
-- = Not applicable, not available, or not analyzed
MTCA = Model Toxics Control Act Cleanup
CUL = Cleanup Level
DUP = Blind duplicate sample results
LFP = Low flow (purge) sample
QA = Quality Assurance

Laboratory Qualifiers:
< = Not detected at or above the laboratory Reporting Limit (RL) or Limit of Quantification (LOQ)
J = Estimated value; result is greater than the laboratory Method Detection Limit (MDL) but less than the RL or LOQ.

Analytical Methods:
Samples analyzed by USEPA Method 8260
BTEX = benzene, toluene, ethylbenzene, and total xylenes
MTBE = Methyl tertiary butyl ether
TPH-GRO = Total Petroleum Hydrocarbons as Gasoline Range Organics analyzed by NWTPH-Gx
Samples analyzed by NWTPH-Dx
TPH-DRO = Total Petroleum Hydrocarbon as Diesel Range Organics
TPH-HRO = Total Petroleum Hydrocarbons as Heavy Oil Range Organics
Dissolved Lead analyzed by USEPA 6020

FIGURES

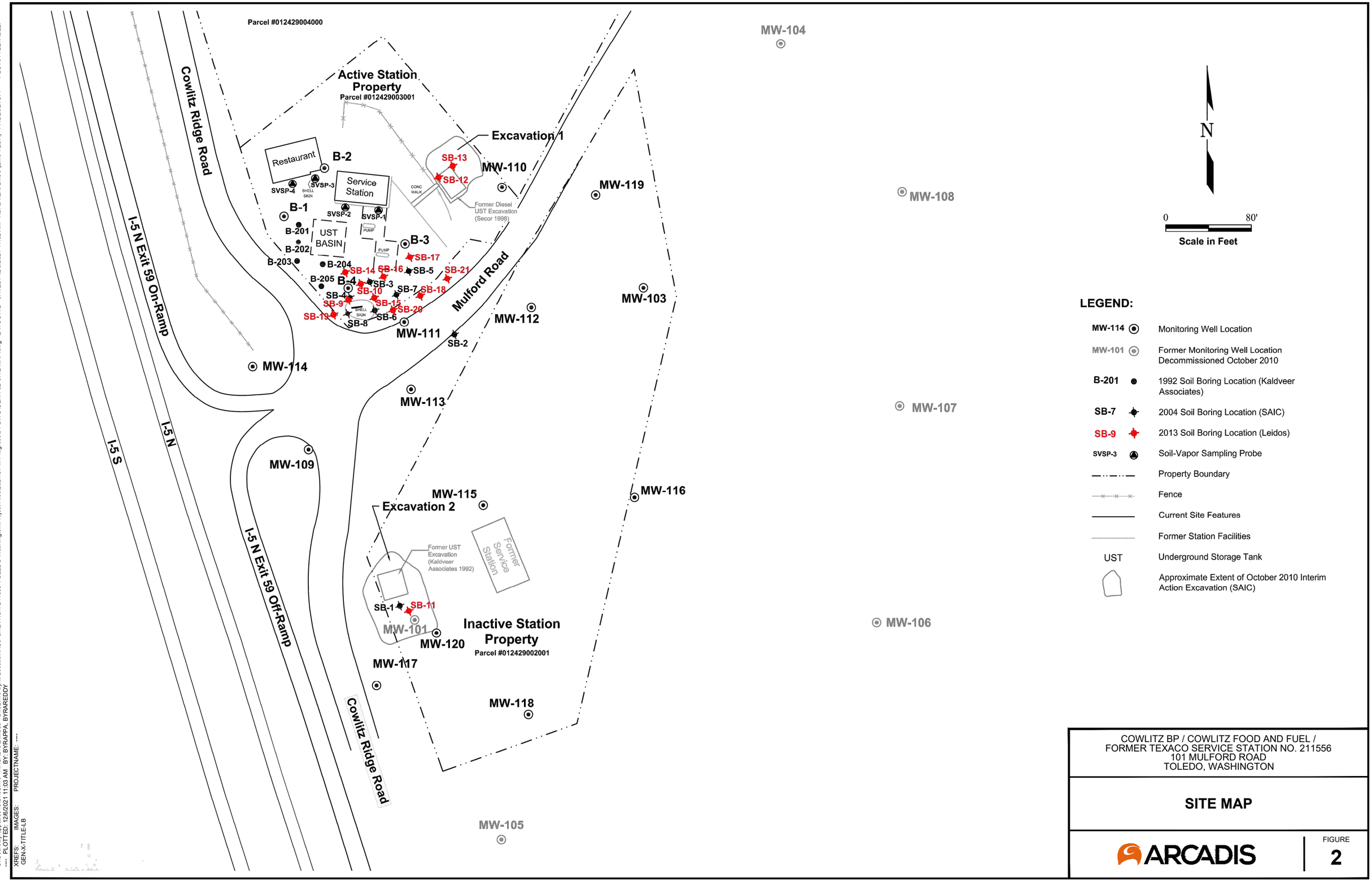


COWLITZ BP / COWLITZ FOOD AND FUEL /
FORMER TEXACO SERVICE STATION NO. 211556
101 MULFORD ROAD
TOLEDO, WASHINGTON

VICINITY MAP

ARCADIS

FIGURE
1



LEGEND:

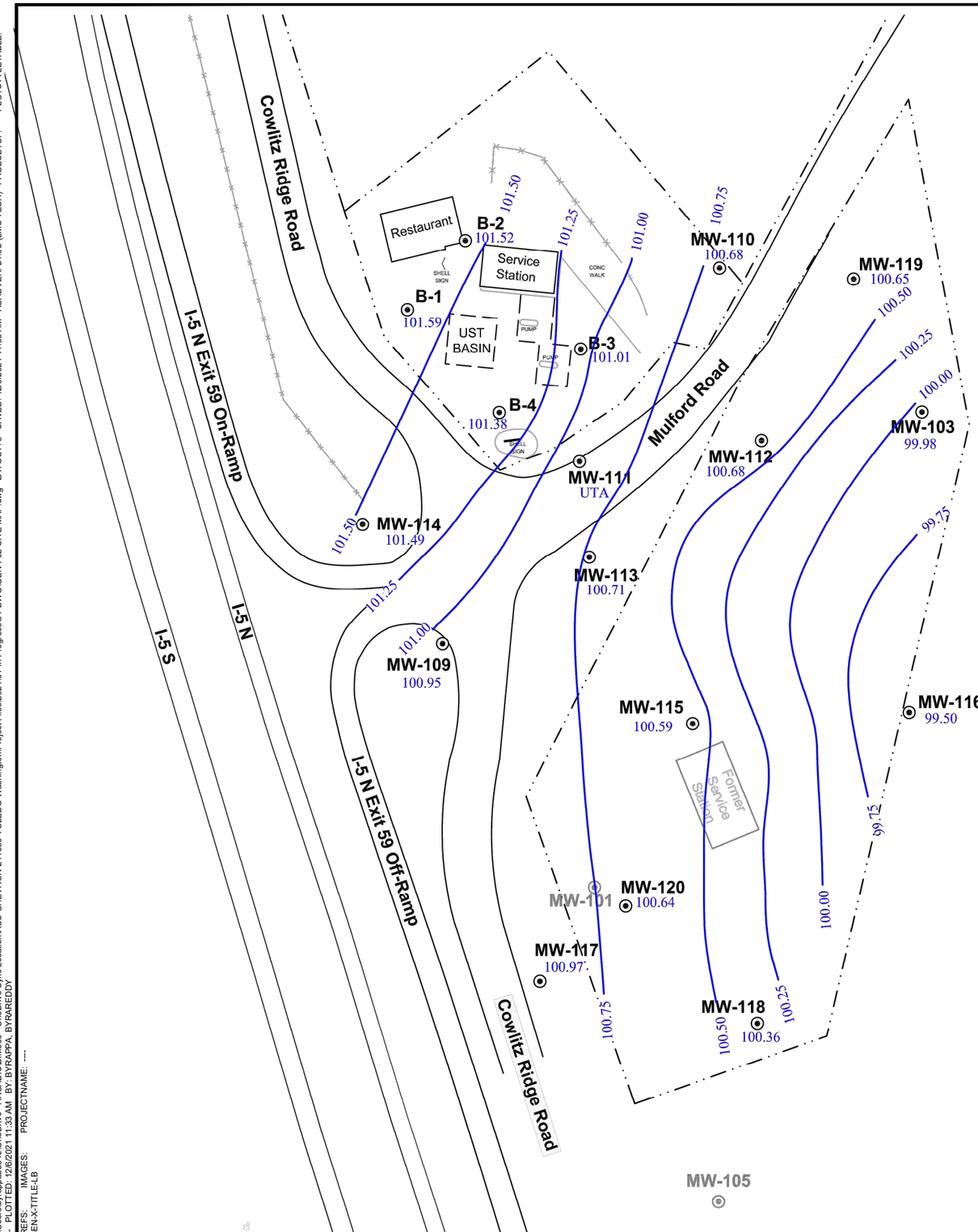
- MW-114 — Monitoring Well Location
- MW-101 — Former Monitoring Well Location Decommissioned October 2010
- B-201 — 1992 Soil Boring Location (Kaldveer Associates)
- SB-7 — 2004 Soil Boring Location (SAIC)
- SB-9 — 2013 Soil Boring Location (Leidos)
- SVSP-3 — Soil-Vapor Sampling Probe
- Property Boundary
- Fence
- Current Site Features
- Former Station Facilities
- UST — Underground Storage Tank
- Approximate Extent of October 2010 Interim Action Excavation (SAIC)

COWLITZ BP / COWLITZ FOOD AND FUEL /
FORMER TEXACO SERVICE STATION NO. 211556
101 MULFORD ROAD
TOLEDO, WASHINGTON

SITE MAP

ARCADIS

FIGURE
2



LEGEND

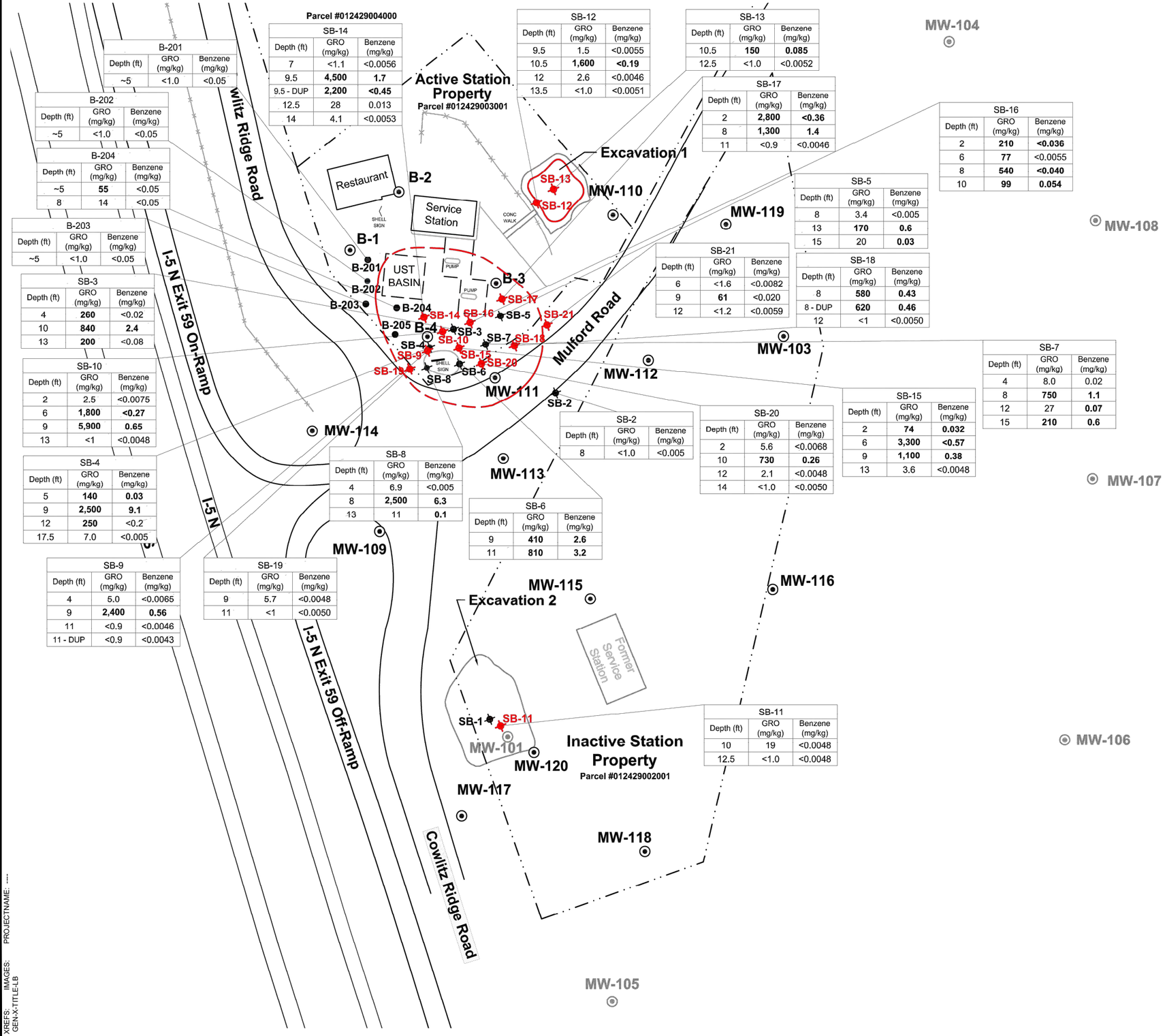
MW-114	Monitoring Well Location
MW-101	Former Monitoring Well Location Decommissioned October 2010
	Property Boundary
	Fence
	Current Site Features
	Former Station Facilities
UST	Underground Storage Tank
99.50	Groundwater Elevation in Feet
100.00	Groundwater Elevation Contour at 0.25-Foot Interval
[98.92]	Groundwater Elevation Not Used in Contour Map
	Approximate Groundwater Flow Direction at a Gradient of 0.005 to 0.008 Feet per Foot
UTA	Unable To Access

COWLITZ BP / COWLITZ FOOD AND FUEL /
FORMER TEXACO SERVICE STATION NO. 211556
101 MULFORD ROAD
TOLEDO, WASHINGTON

POTENTIOMETRIC MAP
NOVEMBER 14, 2016

ARCADIS

FIGURE
3



B-201		
Depth (ft)	GRO (mg/kg)	Benzene (mg/kg)
~5	<1.0	<0.05

B-202		
Depth (ft)	GRO (mg/kg)	Benzene (mg/kg)
~5	<1.0	<0.05

B-204		
Depth (ft)	GRO (mg/kg)	Benzene (mg/kg)
~5	**55**	<0.05
8	14	<0.05

B-203		
Depth (ft)	GRO (mg/kg)	Benzene (mg/kg)
~5	<1.0	<0.05

SB-3		
Depth (ft)	GRO (mg/kg)	Benzene (mg/kg)
4	**260**	<0.02
10	**840**	**2.4**
13	**200**	<0.08

SB-10		
Depth (ft)	GRO (mg/kg)	Benzene (mg/kg)
2	2.5	<0.0075
6	**1,800**	**<0.27**
9	**5,900**	**0.65**
13	<1	<0.0048

SB-4		
Depth (ft)	GRO (mg/kg)	Benzene (mg/kg)
5	**140**	**0.03**
9	**2,500**	**9.1**
12	**250**	<0.2
17.5	7.0	<0.005

SB-9		
Depth (ft)	GRO (mg/kg)	Benzene (mg/kg)
4	5.0	<0.0065
9	**2,400**	**0.56**
11	<0.9	<0.0046
11 - DUP	<0.9	<0.0043

SB-19		
Depth (ft)	GRO (mg/kg)	Benzene (mg/kg)
9	5.7	<0.0048
11	<1	<0.0050

SB-14		
Depth (ft)	GRO (mg/kg)	Benzene (mg/kg)
7	<1.1	<0.0056
9.5	**4,500**	**1.7**
9.5 - DUP	**2,200**	**<0.45**
12.5	28	0.013
14	4.1	<0.0053

SB-8		
Depth (ft)	GRO (mg/kg)	Benzene (mg/kg)
4	6.9	<0.005
8	**2,500**	**6.3**
13	11	**0.1**

SB-6		
Depth (ft)	GRO (mg/kg)	Benzene (mg/kg)
9	**410**	**2.6**
11	**810**	**3.2**

SB-12		
Depth (ft)	GRO (mg/kg)	Benzene (mg/kg)
9.5	1.5	<0.0055
10.5	**1,600**	**<0.19**
12	2.6	<0.0046
13.5	<1.0	<0.0051

SB-2		
Depth (ft)	GRO (mg/kg)	Benzene (mg/kg)
8	<1.0	<0.005

SB-13		
Depth (ft)	GRO (mg/kg)	Benzene (mg/kg)
10.5	**150**	**0.085**
12.5	<1.0	<0.0052

SB-17		
Depth (ft)	GRO (mg/kg)	Benzene (mg/kg)
2	**2,800**	**<0.36**
8	**1,300**	**1.4**
11	<0.9	<0.0046

SB-21		
Depth (ft)	GRO (mg/kg)	Benzene (mg/kg)
6	<1.6	<0.0082
9	**61**	<0.020
12	<1.2	<0.0059

SB-5		
Depth (ft)	GRO (mg/kg)	Benzene (mg/kg)
8	3.4	<0.005
13	**170**	**0.6**
15	20	**0.03**

SB-18		
Depth (ft)	GRO (mg/kg)	Benzene (mg/kg)
8	**580**	**0.43**
8 - DUP	**620**	**0.46**
12	<1	<0.0050

SB-16		
Depth (ft)	GRO (mg/kg)	Benzene (mg/kg)
2	**210**	**<0.036**
6	**77**	<0.0055
8	**540**	**<0.040**
10	**99**	**0.054**

SB-7		
Depth (ft)	GRO (mg/kg)	Benzene (mg/kg)
4	8.0	0.02
8	**750**	**1.1**
12	27	**0.07**
15	**210**	**0.6**

SB-15		
Depth (ft)	GRO (mg/kg)	Benzene (mg/kg)
2	**74**	**0.032**
6	**3,300**	**<0.57**
9	**1,100**	**0.38**
13	3.6	<0.0048

SB-20		
Depth (ft)	GRO (mg/kg)	Benzene (mg/kg)
2	5.6	<0.0068
10	**730**	**0.26**
12	2.1	<0.0048
14	<1.0	<0.0050

SB-11		
Depth (ft)	GRO (mg/kg)	Benzene (mg/kg)
10	19	<0.0048
12.5	<1.0	<0.0048

0 80'

Scale in Feet

LEGEND:

- MW-114 — Monitoring Well Location
- MW-101 — Former Monitoring Well Location Decommissioned on October 2010
- B-201 — 1992 Soil Boring Location (Kaldveer Associates)
- SB-7 — 2004 Soil Boring Location (SAIC)
- SB-9 — 2013 Soil Boring Location (Leidos)
- Property Boundary
- Fence
- Current Site Features
- Former Station Facilities
- UST — Underground Storage Tank
- Approximate Extent of October 2010 Interim Action Excavation (SAIC)
- Approximate Extent of Petroleum Contamination in Soil (Dashed Where Inferred)
- GRO — Gasoline-Range Organics

SB-5		
Depth (ft)	GRO (mg/kg)	Benzene (mg/kg)
13	**170**	**0.6**

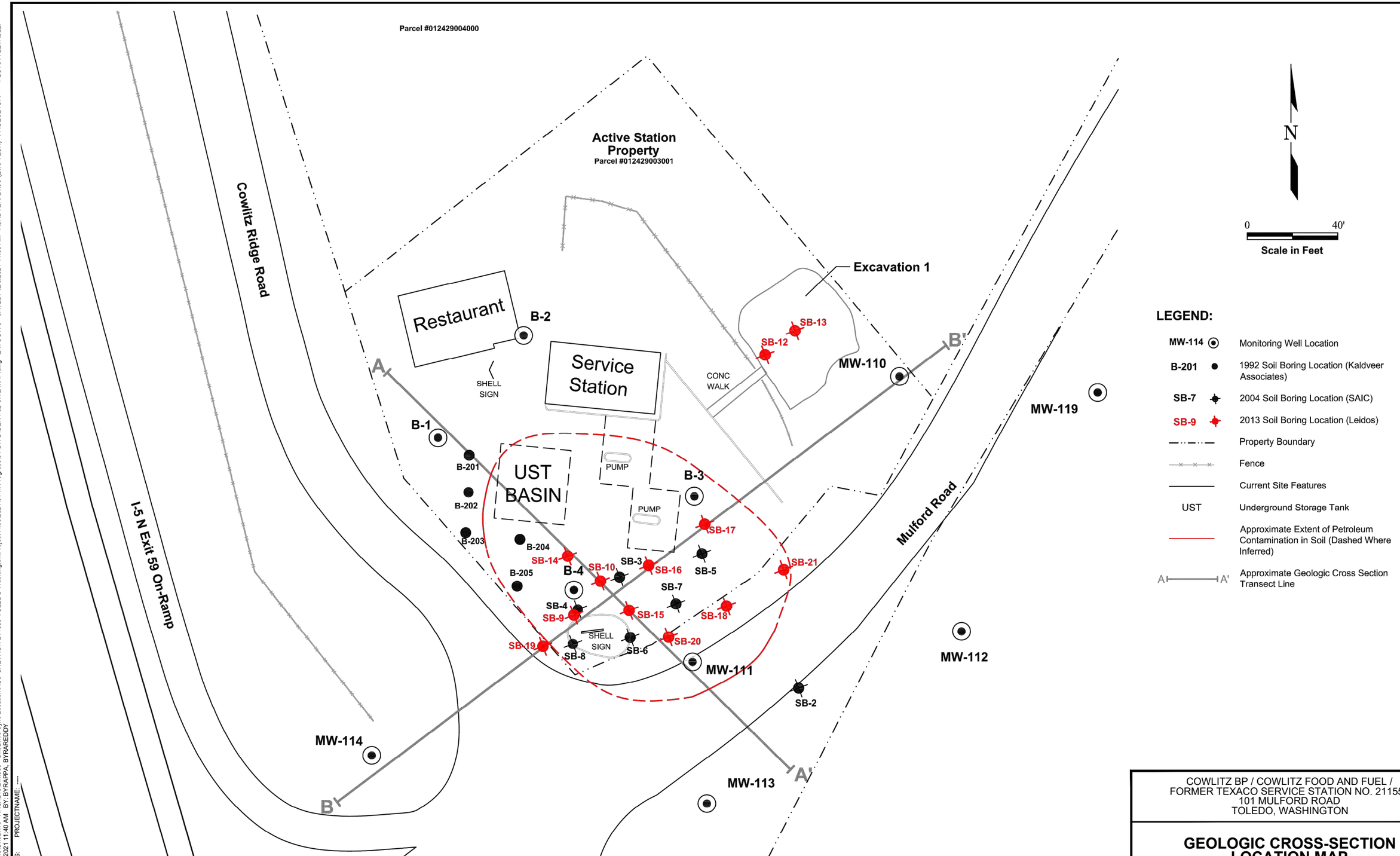
BOLD - Concentration Exceeds Proposed Site Cleanup Standards

COWLITZ BP / COWLITZ FOOD AND FUEL /
FORMER TEXACO SERVICE STATION NO. 211556
101 MULFORD ROAD
TOLEDO, WASHINGTON

EXTENT OF PETROLEUM CONTAMINATION SOIL EXCEEDING PROPOSED CLEANUP LEVELS

ARCADIS

FIGURE 4

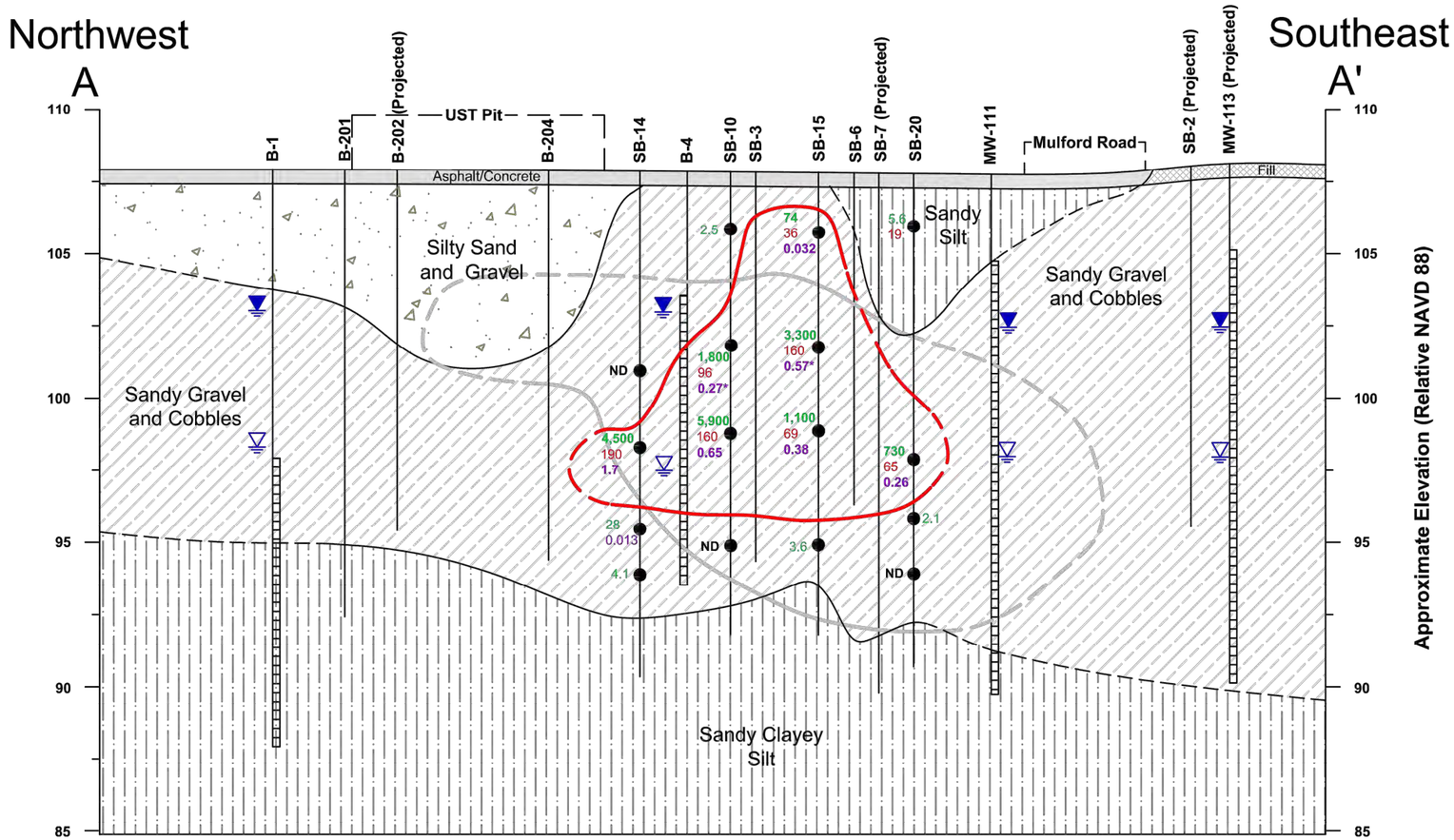


COWLITZ BP / COWLITZ FOOD AND FUEL /
FORMER TEXACO SERVICE STATION NO. 211556
101 MULFORD ROAD
TOLEDO, WASHINGTON

GEOLOGIC CROSS-SECTION LOCATION MAP

ARCADIS

FIGURE
5



LEGEND:

- Boring
- Screened interval
- Estimated extent of soil contamination exceeding proposed Site cleanup standards, based on November 2013 soil sampling results (dashed where inferred)
- Estimated extent of soil contamination exceeding proposed Site cleanup standards, based on pre-2005 soil sampling results (dashed where inferred)
- Highest recorded groundwater elevation
- Lowest recorded groundwater elevation
- Soil analytical sample location
- 3,300 — Gasoline-range hydrocarbon concentration in milligrams per kilogram (mg/kg)
- 160 — Diesel-range hydrocarbon concentration in mg/kg
- 0.38 — Benzene concentration in mg/kg
- ND — No analytes were detected at or above laboratory detection limits
- **0.38** — Bold indicates analyte concentration exceeding the proposed Site cleanup standard
- 0.27* — Analyte not detected at or above indicated laboratory detection limit; however, the detection limit exceeded the proposed Site cleanup standard
- Contact line between soil types

SOIL/ROCK CLASSIFICATION LEGEND:

- Concrete or Asphalt
- Brown, fine to coarse Sand and Gravel with some cobbles and silt
- Brown to gray, medium to coarse sandy Gravel and Cobbles
- Brown to greenish gray, fine sandy, clayey Silt

0 15 30 60

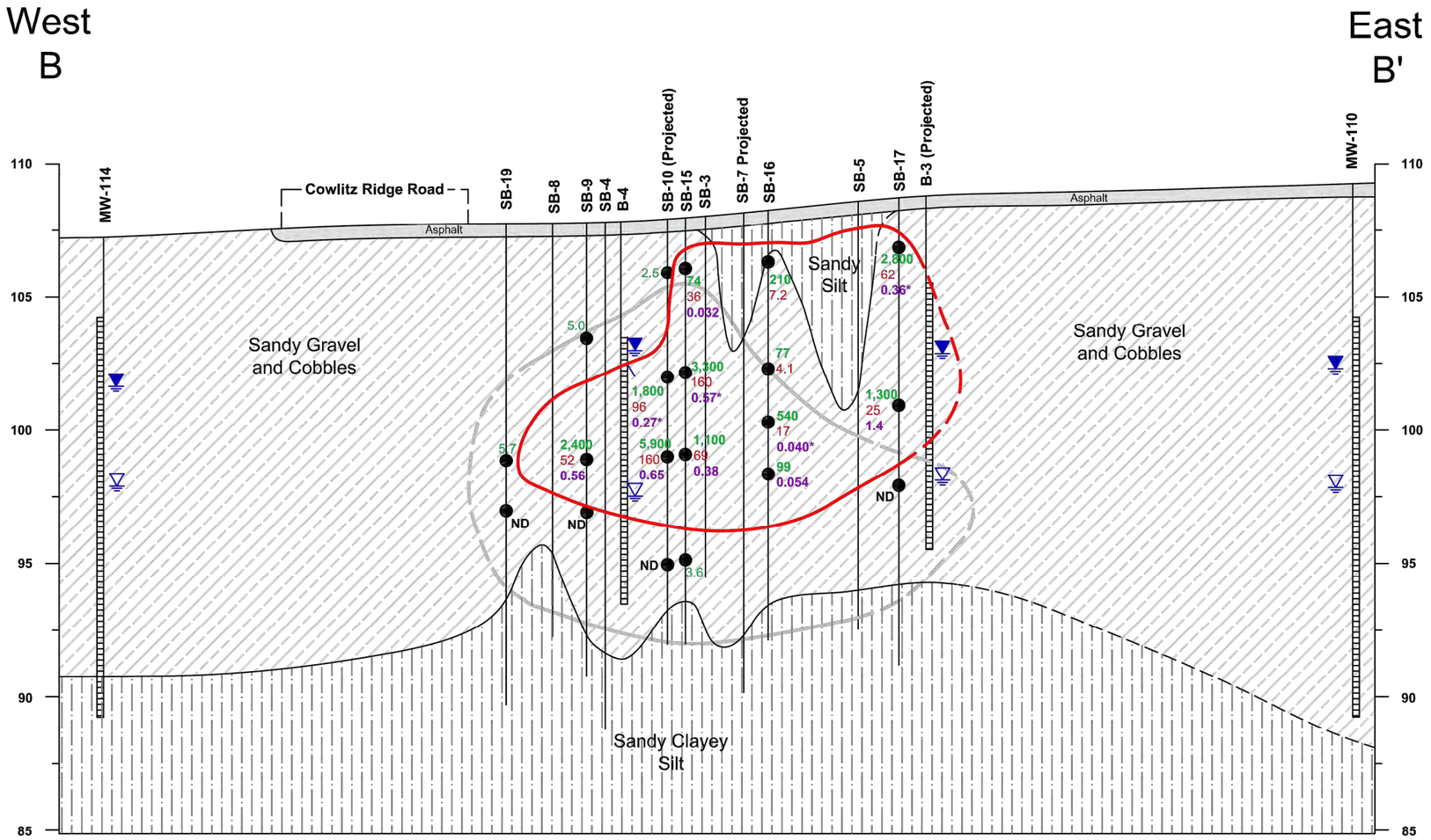
HORIZONTAL SCALE: 1" = 30'
VERTICAL SCALE: 1" = 5'

COWLITZ BP / COWLITZ FOOD AND FUEL /
FORMER TEXACO SERVICE STATION NO. 211556
101 MULFORD ROAD
TOLEDO, WASHINGTON

GEOLOGIC CROSS-SECTION A-A'

ARCADIS

FIGURE
6



LEGEND:

- Boring
- Screened interval
- Estimated extent of soil contamination exceeding proposed Site cleanup standards, based on November 2013 soil sampling results (dashed where inferred)
- Estimated extent of soil contamination exceeding proposed Site cleanup standards, based on pre-2005 soil sampling results (dashed where inferred)
- Highest recorded groundwater elevation
- Lowest recorded groundwater elevation
- Soil analytical sample location
- 3,300 — Gasoline-range hydrocarbon concentration in milligrams per kilogram (mg/kg)
- 160 — Diesel-range hydrocarbon concentration in mg/kg
- 0.38 — Benzene concentration in mg/kg
- ND — No analytes were detected at or above laboratory detection limits
- **0.38** — Bold indicates analyte concentration exceeding the proposed Site cleanup standard
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- Concrete or Asphalt
- Brown, fine to coarse Sand and Gravel with some cobbles and silt
- Brown to gray, medium to coarse sandy Gravel and Cobbles
- Brown to greenish gray, fine sandy, clayey Silt

0 15 30 60

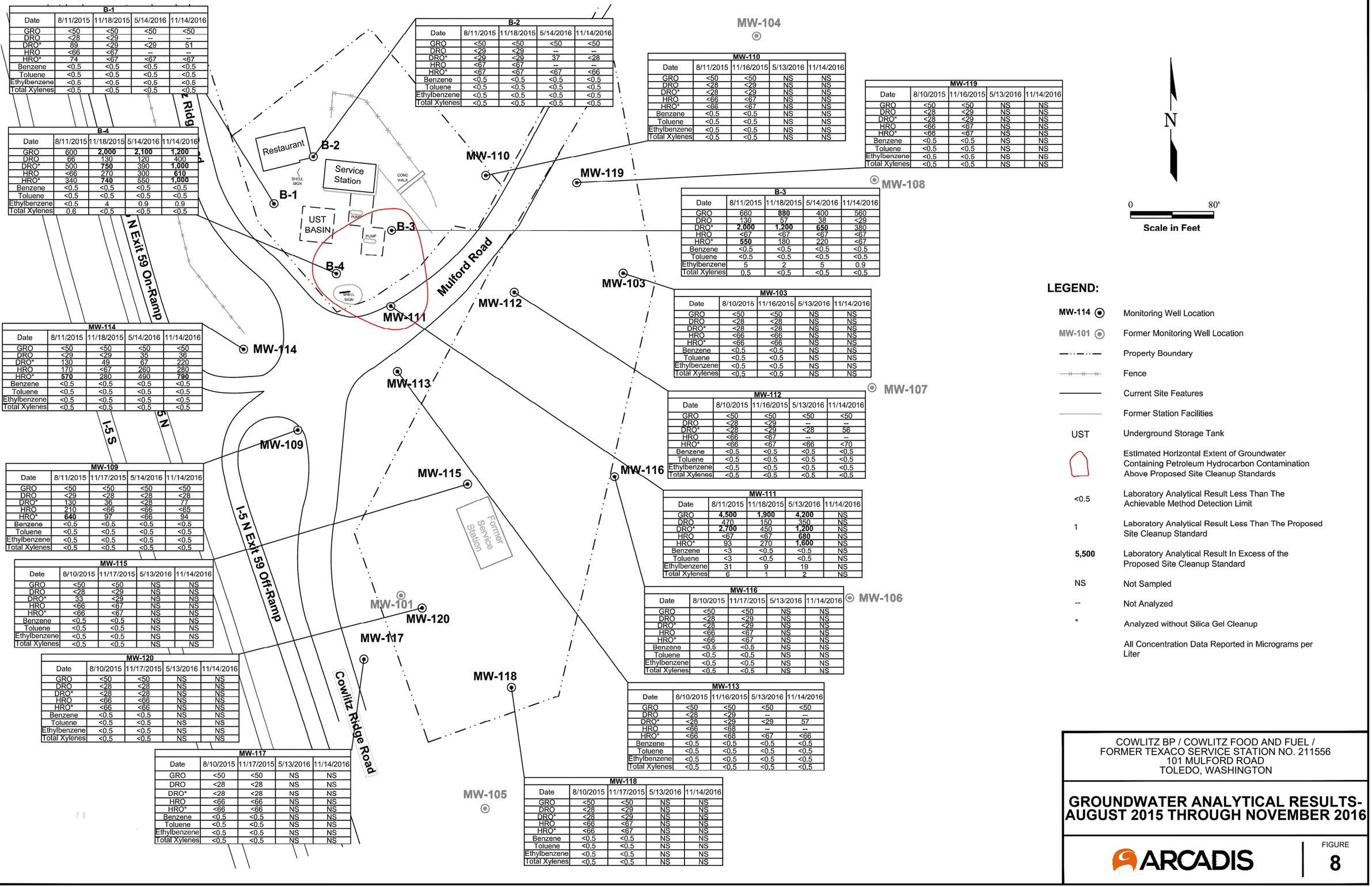
HORIZONTAL SCALE: 1" = 30'
VERTICAL SCALE: 1" = 5'

COWLITZ BP / COWLITZ FOOD AND FUEL /
FORMER TEXACO SERVICE STATION NO. 211556
101 MULFORD ROAD
TOLEDO, WASHINGTON

GEOLOGIC CROSS-SECTION B-B'

ARCADIS

FIGURE
7



B-1

Date	8/11/2015	11/18/2015	5/14/2016	11/14/2016
GRO	<50	<50	<50	<50
DRO	<28	<29	--	--
DRO*	89	<29	<29	51
HRO	<66	<67	--	--
HRO*	74	<67	<67	<67
Benzene	<0.5	<0.5	<0.5	<0.5
Toluene	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	<0.5	<0.5	<0.5	<0.5
Total Xylenes	<0.5	<0.5	<0.5	<0.5

B-2

Date	8/11/2015	11/18/2015	5/14/2016	11/14/2016
GRO	<50	<50	<50	<50
DRO	<29	<29	--	--
DRO*	<29	<29	37	<28
HRO	<67	<67	--	--
HRO*	<67	<67	<67	<66
Benzene	<0.5	<0.5	<0.5	<0.5
Toluene	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	<0.5	<0.5	<0.5	<0.5
Total Xylenes	<0.5	<0.5	<0.5	<0.5

B-3

Date	8/11/2015	11/18/2015	5/14/2016	11/14/2016
GRO	660	**880**	400	560
DRO	130	57	38	<29
DRO*	**2,000**	**1,200**	**650**	380
HRO	<67	<67	<67	<67
HRO*	**550**	180	220	<67
Benzene	<0.5	<0.5	<0.5	<0.5
Toluene	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	5	2	5	0.9
Total Xylenes	0.5	<0.5	<0.5	<0.5

B-4

Date	8/11/2015	11/18/2015	5/14/2016	11/14/2016
GRO	600	**2,000**	**2,100**	**1,200**
DRO	66	130	120	400
DRO*	500	**750**	390	**1,000**
HRO	<66	270	300	**610**
HRO*	340	**740**	550	**1,000**
Benzene	<0.5	<0.5	<0.5	<0.5
Toluene	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	<0.5	4	0.9	0.9
Total Xylenes	0.6	<0.5	<0.5	<0.5

MW-101

Date	8/10/2015	11/16/2015	5/13/2016	11/14/2016
GRO	<50	<50	NS	NS
DRO	<28	<29	NS	NS
DRO*	<28	<29	NS	NS
HRO	<66	<67	NS	NS
HRO*	<66	<67	NS	NS
Benzene	<0.5	<0.5	NS	NS
Toluene	<0.5	<0.5	NS	NS
Ethylbenzene	<0.5	<0.5	NS	NS
Total Xylenes	<0.5	<0.5	NS	NS

MW-103

Date	8/10/2015	11/16/2015	5/13/2016	11/14/2016
GRO	<50	<50	NS	NS
DRO	<28	<28	NS	NS
DRO*	<28	<28	NS	NS
HRO	<66	<66	NS	NS
HRO*	<66	<66	NS	NS
Benzene	<0.5	<0.5	NS	NS
Toluene	<0.5	<0.5	NS	NS
Ethylbenzene	<0.5	<0.5	NS	NS
Total Xylenes	<0.5	<0.5	NS	NS

MW-104

MW-105

MW-106

MW-107

MW-108

MW-109

Date	8/11/2015	11/17/2015	5/14/2016	11/14/2016
GRO	<50	<50	<50	<50
DRO	<29	<28	<28	<28
DRO*	130	36	<28	77
HRO	210	<66	<66	<65
HRO*	**640**	97	<66	94
Benzene	<0.5	<0.5	<0.5	<0.5
Toluene	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	<0.5	<0.5	<0.5	<0.5
Total Xylenes	<0.5	<0.5	<0.5	<0.5

MW-110

Date	8/11/2015	11/16/2015	5/13/2016	11/14/2016
GRO	<50	<50	NS	NS
DRO	<28	<29	NS	NS
DRO*	<28	<29	NS	NS
HRO	<66	<67	NS	NS
HRO*	<66	<67	NS	NS
Benzene	<0.5	<0.5	NS	NS
Toluene	<0.5	<0.5	NS	NS
Ethylbenzene	<0.5	<0.5	NS	NS
Total Xylenes	<0.5	<0.5	NS	NS

MW-111

Date	8/11/2015	11/18/2015	5/13/2016	11/14/2016
GRO	**4,500**	**1,900**	**4,200**	NS
DRO	470	150	350	NS
DRO*	**2,700**	450	**1,200**	NS
HRO	<67	<67	**680**	NS
HRO*	93	270	**1,600**	NS
Benzene	<3	<0.5	<0.5	NS
Toluene	<3	<0.5	<0.5	NS
Ethylbenzene	31	9	19	NS
Total Xylenes	6	1	2	NS

MW-112

Date	8/10/2015	11/16/2015	5/13/2016	11/14/2016
GRO	<50	<50	<50	<50
DRO	<28	<29	--	--
DRO*	<28	<29	<28	56
HRO	<66	<67	--	--
HRO*	<66	<67	<66	<70
Benzene	<0.5	<0.5	<0.5	<0.5
Toluene	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	<0.5	<0.5	<0.5	<0.5
Total Xylenes	<0.5	<0.5	<0.5	<0.5

MW-113

Date	8/10/2015	11/16/2015	5/13/2016	11/14/2016
GRO	<50	<50	<50	<50
DRO	<28	<29	--	--
DRO*	<28	<29	<29	57
HRO	<66	<68	--	--
HRO*	<66	<68	<67	<66
Benzene	<0.5	<0.5	<0.5	<0.5
Toluene	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	<0.5	<0.5	<0.5	<0.5
Total Xylenes	<0.5	<0.5	<0.5	<0.5

MW-114

Date	8/11/2015	11/18/2015	5/14/2016	11/14/2016
GRO	<50	<50	<50	<50
DRO	<29	<29	35	36
DRO*	130	49	67	220
HRO	170	<67	260	280
HRO*	**570**	280	490	**790**
Benzene	<0.5	<0.5	<0.5	<0.5
Toluene	<0.5	<0.5	<0.5	<0.5
Ethylbenzene	<0.5	<0.5	<0.5	<0.5
Total Xylenes	<0.5	<0.5	<0.5	<0.5

MW-115

Date	8/10/2015	11/17/2015	5/13/2016	11/14/2016
GRO	<50	<50	NS	NS
DRO	<28	<29	NS	NS
DRO*	33	<29	NS	NS
HRO	<66	<67	NS	NS
HRO*	<66	<67	NS	NS
Benzene	<0.5	<0.5	NS	NS
Toluene	<0.5	<0.5	NS	NS
Ethylbenzene	<0.5	<0.5	NS	NS
Total Xylenes	<0.5	<0.5	NS	NS

MW-116

Date	8/10/2015	11/17/2015	5/13/2016	11/14/2016
GRO	<50	<50	NS	NS
DRO	<28	<29	NS	NS
DRO*	<28	<29	NS	NS
HRO	<66	<67	NS	NS
HRO*	<66	<67	NS	NS
Benzene	<0.5	<0.5	NS	NS
Toluene	<0.5	<0.5	NS	NS
Ethylbenzene	<0.5	<0.5	NS	NS
Total Xylenes	<0.5	<0.5	NS	NS

MW-117

Date	8/10/2015	11/17/2015	5/13/2016	11/14/2016
GRO	<50	<50	NS	NS
DRO	<28	<28	NS	NS
DRO*	<28	<28	NS	NS
HRO	<66	<66	NS	NS
HRO*	<66	<66	NS	NS
Benzene	<0.5	<0.5	NS	NS
Toluene	<0.5	<0.5	NS	NS
Ethylbenzene	<0.5	<0.5	NS	NS
Total Xylenes	<0.5	<0.5	NS	NS

MW-118

Date	8/10/2015	11/17/2015	5/13/2016	11/14/2016
GRO	<50	<50	NS	NS
DRO	<28	<29	NS	NS
DRO*	<28	<29	NS	NS
HRO	<66	<67	NS	NS
HRO*	<66	<67	NS	NS
Benzene	<0.5	<0.5	NS	NS
Toluene	<0.5	<0.5	NS	NS
Ethylbenzene	<0.5	<0.5	NS	NS
Total Xylenes	<0.5	<0.5	NS	NS

MW-119

Date	8/10/2015	11/16/2015	5/13/2016	11/14/2016
GRO	<50	<50	NS	NS
DRO	<28	<29	NS	NS
DRO*	<28	<29	NS	NS
HRO	<66	<67	NS	NS
HRO*	<66	<67	NS	NS
Benzene	<0.5	<0.5	NS	NS
Toluene	<0.5	<0.5	NS	NS
Ethylbenzene	<0.5	<0.5	NS	NS
Total Xylenes	<0.5	<0.5	NS	NS

MW-120

Date	8/10/2015	11/17/2015	5/13/2016	11/14/2016
GRO	<50	<50	NS	NS
DRO	<28	<28	NS	NS
DRO*	<28	<28	NS	NS
HRO	<66	<66	NS	NS
HRO*	<66	<66	NS	NS
Benzene	<0.5	<0.5	NS	NS
Toluene	<0.5	<0.5	NS	NS
Ethylbenzene	<0.5	<0.5	NS	NS
Total Xylenes	<0.5	<0.5	NS	NS

LEGEND:

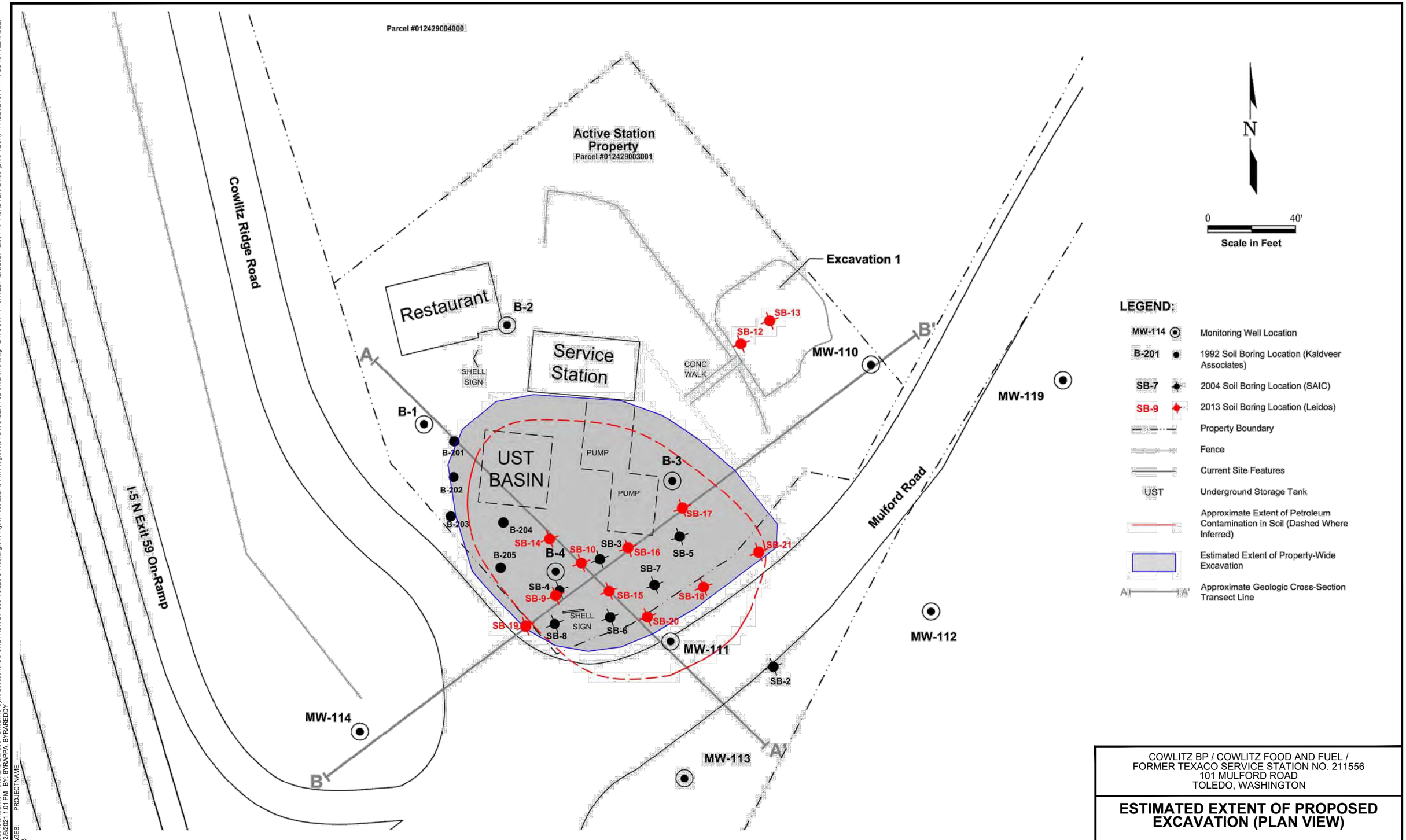
MW-114	Monitoring Well Location
MW-101	Former Monitoring Well Location
	Property Boundary
	Fence
	Current Site Features
	Former Station Facilities
UST	Underground Storage Tank
	Estimated Horizontal Extent of Groundwater Containing Petroleum Hydrocarbon Contamination Above Proposed Site Cleanup Standards
<0.5	Laboratory Analytical Result Less Than The Achievable Method Detection Limit
1	Laboratory Analytical Result Less Than The Proposed Site Cleanup Standard
5,500	Laboratory Analytical Result In Excess of the Proposed Site Cleanup Standard
NS	Not Sampled
--	Not Analyzed
*	Analyzed without Silica Gel Cleanup
	All Concentration Data Reported in Micrograms per Liter

COWLITZ BP / COWLITZ FOOD AND FUEL /
FORMER TEXACO SERVICE STATION NO. 211556
101 MULFORD ROAD
TOLEDO, WASHINGTON

GROUNDWATER ANALYTICAL RESULTS- AUGUST 2015 THROUGH NOVEMBER 2016

ARCADIS

FIGURE 8



COWLITZ BP / COWLITZ FOOD AND FUEL /
FORMER TEXACO SERVICE STATION NO. 211556
101 MULFORD ROAD
TOLEDO, WASHINGTON

ESTIMATED EXTENT OF PROPOSED EXCAVATION (PLAN VIEW)

ARCADIS

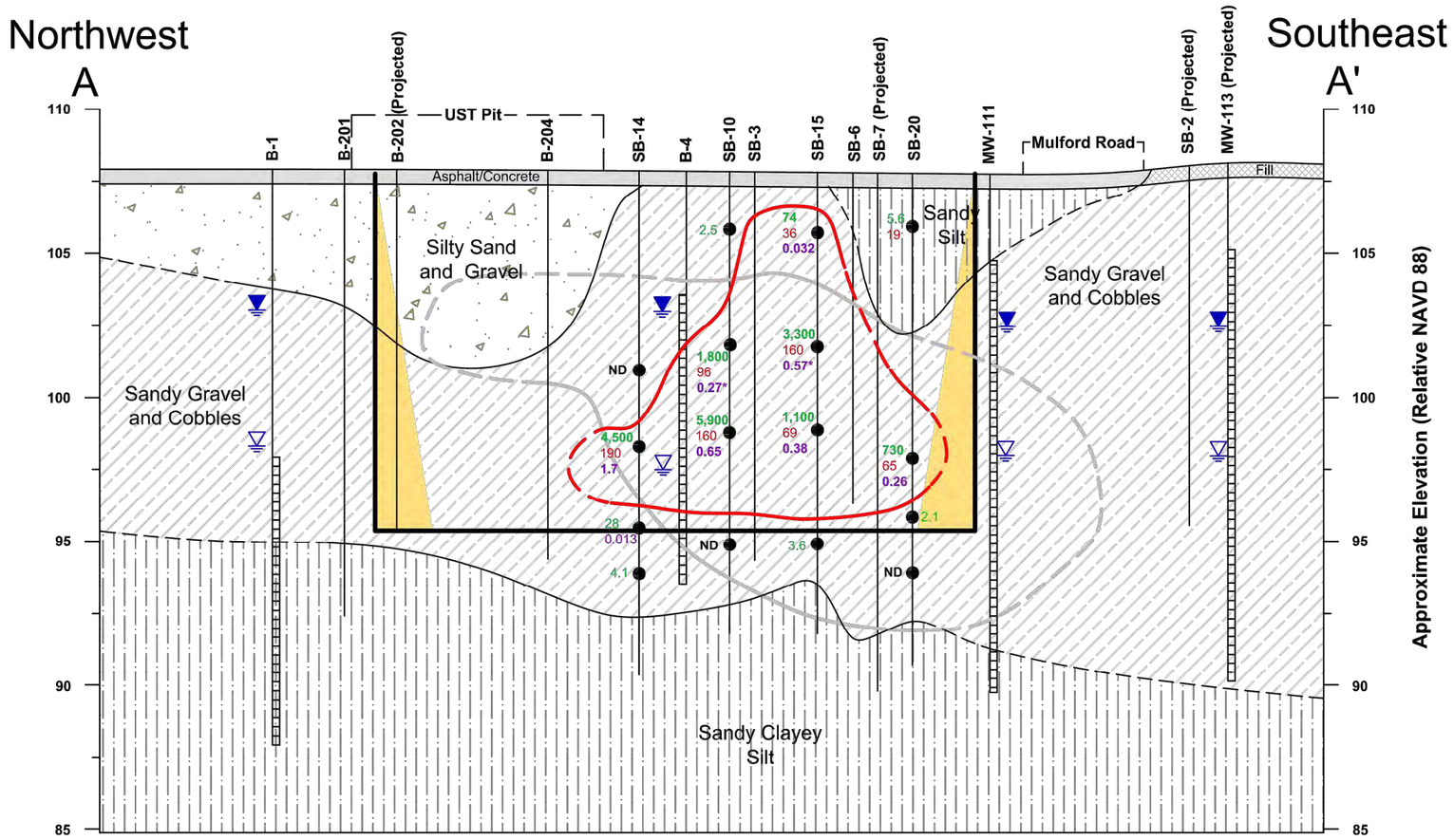
FIGURE
9

LEGEND:

- Boring
- Screened interval
- Estimated extent of soil contamination exceeding proposed Site cleanup standards, based on 2013 soil sampling results (dashed where inferred)
- Estimated extent of soil contamination exceeding proposed Site cleanup standards, based on pre-2005 soil sampling results (not shown, see Table 1)
- Highest recorded groundwater elevation
- Lowest recorded groundwater elevation
- Soil analytical sample location
- 28 — Gasoline-range hydrocarbon concentration in milligrams per kilogram (mg/kg)
- 10 — Diesel-range hydrocarbon concentration in mg/kg
- 0.001 — Benzene concentration in mg/kg
- ND — No analytes were detected at or above laboratory detection limits
- **0.13** — Bold indicates analyte concentration exceeding the proposed Site cleanup standard
- 0.05* — Analyte not detected at or above indicated laboratory detection limit; however, the detection limit exceeded the proposed Site cleanup standard
- Contact line between soil types
- Estimated extent of partial excavation
- Area within anticipated excavation boundary that may be inaccessible due to sidewall sloping requirements (area shown assumes standard sidewall slope of 1:1)

SOIL/ROCK CLASSIFICATION LEGEND:

- Concrete or Asphalt
- Brown, fine to coarse Sand and Gravel with some Cobbles and Silt
- Brown to gray, medium to coarse sandy Gravel and Cobbles
- Brown to greenish gray, fine sandy, clayey SILT



0 15 30 60

HORIZONTAL SCALE: 1" = 30'
VERTICAL SCALE: 1" = 5'

COWLITZ BP / COWLITZ FOOD AND FUEL /
FORMER TEXACO SERVICE STATION NO. 211556
101 MULFORD ROAD
TOLEDO, WASHINGTON

ESTIMATED EXTENT OF PROPERTY-WIDE EXCAVATION (CROSS-SECTIONIONAL VIEW A-A')

ARCADIS

FIGURE
10

LEGEND:

- Boring
- Screened interval
- Estimated extent of soil contamination exceeding proposed Site cleanup standards, based on 2013 soil sampling results (dashed where inferred)
- Estimated extent of soil contamination exceeding proposed Site cleanup standards, based on pre-2005 soil sampling results (not shown, see Table 1)
- Highest recorded groundwater elevation
- Lowest recorded groundwater elevation
- Soil analytical sample location
- 28 — Gasoline-range hydrocarbon concentration in milligrams per kilogram (mg/kg)
- 10 — Diesel-range hydrocarbon concentration in mg/kg
- 0.001 — Benzene concentration in mg/kg
- ND — No analytes were detected at or above laboratory detection limits
- **0.13** — Bold indicates analyte concentration exceeding the proposed Site cleanup standard
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- Contact line between soil types
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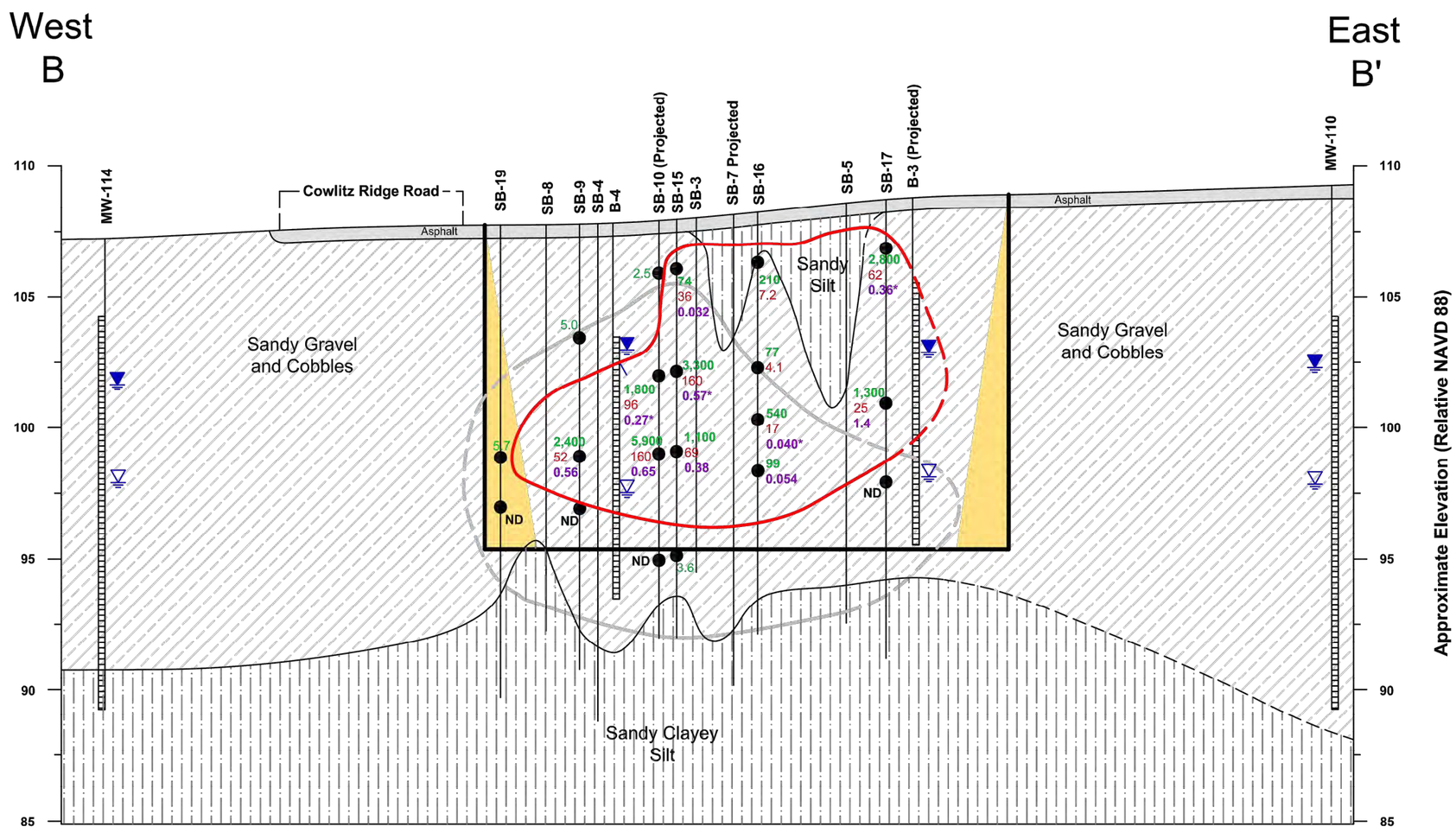
- Brown to gray, medium to coarse sandy Gravel and Cobbles
- Brown to greenish gray, fine sandy, clayey SILT



0 15 30 60

HORIZONTAL SCALE: 1" = 30'
VERTICAL SCALE: 1" = 5'

COWLITZ BP / COWLITZ FOOD AND FUEL /
FORMER TEXACO SERVICE STATION NO. 211556
101 MULFORD ROAD
TOLEDO, WASHINGTON

ESTIMATED EXTENT OF PROPERTY-WIDE EXCAVATION (CROSS-SECTIONIONAL VIEW B-B')

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FIGURE
11

ARCADIS Design & Consultancy for natural and built assets

APPENDIX A

Electronic Copy

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
PO Box 47775 – Olympia, Washington 98504-7775 – (360) 407-6300
711 for Washington Relay Service – Persons with a speech disability can call 877-833-6341

November 18, 2021

James P. Kiernan, P.E.
Operations Lead – West
Chevron Environmental Management and Real Estate Company
6001 Bollinger Canyon Road, Room C2102
San Ramon, CA 94583
jkiernan@chevron.com

Re: Review of Feasibility Study Report and Request for Draft Cleanup Action Plan

- **Site Name:** Cowlitz Food & Fuel (Also known as Former Texaco Service No. 211556)
- **Site Address:** 101 Mulford Road, Toledo, Lewis County, WA 98591
- **Agreed Order:** DE 5236
- **Facility/Site No.:** 1166
- **Cleanup Site ID No.:** 7025

Dear James P. Kiernan:

The Washington State Department of Ecology (Ecology) has reviewed the Revised Feasibility Study (FS) Report[1] that you prepared in response to our comments.[2] We appreciate the changes that you made to the document. **Ecology has no further comments at this time and accepts the Report as the Public Review Draft version.**

Please provide us with a stamped, signed electronic pdf copy that is searchable and includes bookmarks for sections. In preparation for the eventual public comment period, please also supply us with three paper copies of the FS.

The FS will not be finalized until after the combined public comment period for the FS Report, Draft Cleanup Action Plan (DCAP), and the new Agreed Order to implement the cleanup. As required by Agreed Order DE 5236, please prepare the DCAP for our review within 30 days of the date of this letter.

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[1] Arcadis, *Chevron Environmental Management Company, Revised Feasibility Study Report, Cowlitz Food & Fuel, 101 Mulford Road, Toledo, Washington*, September 2, 2021.
[2] Ecology, *Cowlitz Food & Fuel – Comments on Draft Revised Feasibility Study Report.*, email to Arcadis and Chevron staff, August 20, 2021.

If you have any questions about this letter, please contact me at (360) 407-6247 or steve.teel@ecy.wa.gov.

Sincerely,

Steve Teel, LHG
Cleanup Project Manager/Hydrogeologist
Toxics Cleanup Program
Southwest Regional Office

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Ecology Site File

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