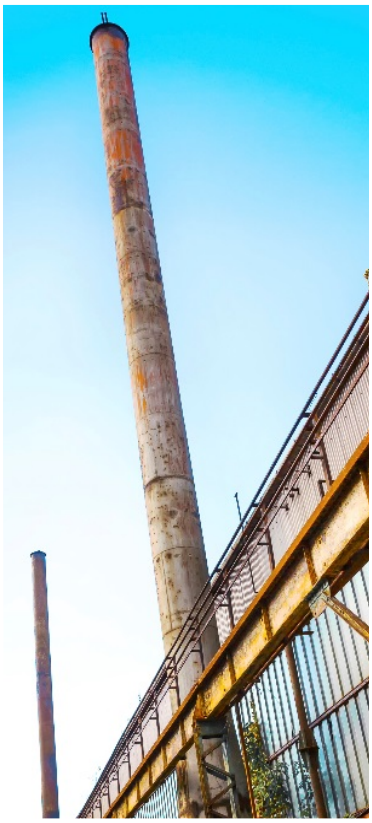
Cleanup Action Report

Former Unocal Bulk Plant 0853
Phillips 66 Site 0979
6 North Fifth Street
Wenatchee, Washington
Facility No. 346
VCP Project No. CE0466

Phillips 66 Company



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1. Introduction

GHD Services Inc. (GHD) prepared this Cleanup Action Report (CAR) on behalf of Phillips 66 Company (P66) for the facility located at 6 North Fifth Street in Wenatchee, Chelan County, Washington (Property, Figure 1). This CAR has been prepared to satisfy the requirements of the Washington Administrative Code (WAC) 173-340-350 and summarizes the remedial investigation (RI) findings for the release associated with the Property. This CAR also demonstrates that all the requirements under WAC 173-340 have been met for a No Further Action (NFA) determination based on conditions and all environmental investigation findings associated with the release at the Property. A list of environmental documents reviewed by GHD in preparation of this report is provided in Appendix A.

2. Site Summary

2.1 Site Discovery and Regulatory Status

In 1989, a subsurface contamination evaluation was conducted near the former 1950's loading rack, barrel filling area, former dry well, and beneath the warehouse building. Surficial soil samples identified exceedances above Washington State Department of Ecology (Ecology) Model Toxics Control Act (MTCA) cleanup levels in soil. A subsequent contamination assessment in 1990 identified petroleum impacted soil and groundwater primarily in the former 1950's loading rack area and near the ASTs.

A Site Discovery Report was submitted to Ecology on June 6, 1990. The Site was entered into Ecology's Voluntary Cleanup Program (VCP) on March 18, 2009 under VCP No. CE0306 under the responsible party of ConocoPhillips. The Site is currently enrolled in the VCP under VCP No. CE0466, responsible party of Phillips 66 Company. The current status with Ecology is "Cleanup Started".

Ecology's MTCA Method A cleanup levels for soil and groundwater will be used as screening levels for the purpose of discussing investigation results. Cleanup standards are more fully developed and discussed in Section 7.

2.2 Site and Property Location/Definition

The Property is a former Unocal bulk fuel facility and is located at 6 Fifth Street, in Wenatchee, Washington (Figure 2). The Property consists of Chelan County tax parcel number 22200386008, and comprises of approximately 1.15 acres of land. A legal description of the Property is included as Appendix B.

The MTCA site (Site) is defined as all areas and media historically affected by contamination associated with a property, as well as any potentially contaminated adjacent parcels. The Site boundary is presented on Figure 2.

2.3 Property Uses and Facilities

The Property is currently owned by Apple Valley Petroleum One, LLC (Apple Valley Petroleum) and continues to be utilized as a bulk fuel terminal. The current bulk fuel operation consists of 13 above ground storage tanks (ASTs), loading and unloading racks, above ground product piping, card lock fuel dispensers an associated underground product piping (location unknown), office, warehouse and maintenance buildings. The Property was historically developed with two former loading racks, underground product piping that serviced a barrel filling warehouse building, heating oil underground storage tank (UST) near the office building, and a brick drywell/cesspool located south of the maintenance building. The Property has operated as a bulk plant facility since 1921 owned by Union Oil, Tosco Corporation (Conoco Phillips) until 1998. The Property has operated as Apple Valley Petroleum from 1998 to present.

The following is a chronological summary of the Property use and facilities based on a review of historical reports, county assessor records, and historical aerial photographs, the following past Property uses and facilities were determined:

Prior to 1921: Unknown

1921: The Property was developed as a bulk fuel plant owned by Union Oil of California. The facilities included a loading rack in the southeast property corner, truck unloaders at their present location, and barrel filling area near the warehouse building. Location, quantity and contents of ASTs servicing the 1920 loading rack are unknown, however assumed to be in their present location.

1940: An approximately 3,800 square foot maintenance building was constructed along the western Property boundary.

1950: The first generation (1920) loading rack in the southeast Property corner is decommissioned and a second generation loading rack is constructed at the southwest corner of the AST farm concrete secondary containment area.

1964: An approximately 448 sf office building was constructed in the southwest portion of the Property.

1990: The second generation (1950) loading rack is decommissioned/removed and replaced with a new loading rack at the southeast corner of the AST secondary containment area.

1997: The Property and facilities were sold to Tosco Corporation.

1998: The Property and facilities were sold to Mr. John Files.

1998-2002: Two dispenser islands and associated canopy are constructed, and portions of the Property are paved with asphalt.

2014: The Property was transferred to Apple Valley Petroleum One LLC.

A Site Plan with former and current Property features is included as Figure 2.

2.4 Utilities and Water Supply

Subsurface utilities present beneath the Site include electric, sanitary sewer, stormwater, water, and product piping. Overhead telecommunication and electrical lines are present along the southern Property boundary. Additional subsurface utilities may be present, but were not identified by GHD. Based on the depth to groundwater beneath the Site (greater than 19 feet below ground (fbg)), subsurface utilities are not likely to act as conduits for preferential migration.

Drinking water is supplied to the City of Wenatchee from a surface water system served by the Eastbank Aquifer located approximately 10 miles north of Wenatchee. The Eastbank Aquifer is supplied by the Columbia River.

GHD searched the Ecology Well Log Database for potential water supply wells located within 0.5 mile of the Property. Domestic water wells were not identified within a 0.5-mile radius of the Property.

2.5 Neighborhood Setting

According to the Chelan County Tax Assessor, the Property is currently zoned as Central Business District (CBD) as defined in the City of Wenatchee Zoning Code. This zoning permits land uses that includes retail, commercial, and residential.

Land use in the vicinity of the Property is zoned either as Industrial, Water Front, or CBD. Immediately adjacent properties consist of the following:

- North: Philippi Fruit Company, and further, Wenatchee Petroleum Co, a bulk fuel facility.
- West: An alley, followed by a commercial cleaning company, and further, a retail/commercial building previously developed as a Chevron branded gasoline service station.
- South and Southeast: Fifth Street, followed by the Chelan County Public Utility District and Chelan County Substation.
- East: a railroad, North Pierce Street, and further, a church (former Wenatchee Riverfront Ice Arena).

An area map showing surrounding properties is included as Figure 3.

2.6 Potential Off-Property Sources of Contamination

Ecology's *What's In My Neighborhood* and Facility Site Search Databases identified a total of 12 properties within a 0.5-mile radius of the subject Property. Of the 12 facilities, five facilities were listed immediately adjacent and/or topographically up-gradient position relative to the Property. Below is a summary of each of the surrounding cleanup facilities.

- Wenatchee Riverfront Ice Arena (Ecology Cleanup Site ID 13010, 2 Fifth Street): According to a Soil and Groundwater Assessment Report completed for the property, two USTs containing fuel oil and gasoline were reportedly in service during the 1940s when occupied by Speas Company. The USTs are not currently listed on the Ecology UST database, the sizes of the USTs are unknown. Impacted soil and groundwater were identified in a soil boring advanced in the northwest property corner. Source of the impacted soil and groundwater was not confirmed. This

property is 190 feet east and down-gradient of the subject Property. The site is currently listed as "Awaiting cleanup".

- Chevron (Ecology Cleanup Site ID 5586, 500 and 510 N Wenatchee Avenue): This property was formally developed as a retail gasoline service station including six USTs containing gasoline, used waste oil, heating oil, and/or of unknown contents and associated dispenser islands, all of which were removed in February 1991. The decommissioning also included three hoists and a station building. Soil and groundwater investigations performed at the site identified impacted soil and groundwater above MTCA Method A cleanup levels, particularly immediately down gradient of the USTs, and near the former heating oil and waste oil USTs. The site has subsequently received a NFA determination on May 7, 2019. This property is 175 feet west and up-gradient of the subject Property.
- Community Glass Company (Ecology Cleanup Site ID 8563, 606 N Wenatchee Ave): This property is listed in Ecology's leaking UST (LUST) program with confirmed or suspected diesel and other petroleum impacts to soil. Based on Ecology's UST database two 500 gallon USTs containing unleaded gasoline were removed/closed in place in 1999. This property is 0.1 mile northwest and up-gradient of the subject Property.
- Chelan County PUD 1 (Ecology Cleanup Site ID 7061, 327 N Wenatchee Avenue): This property is listed in Ecology's LUST program with impacts to groundwater and soil, however is listed as remediated and below cleanup levels. According to Ecology's UST database a five USTs were removed from the property between 1990 and 1993. The USTs ranged in size from less than 1,000 to 6,000 gallons, containing waste oil, gasoline, or diesel. The Chelan County property subsequently received an NFA in July 2007. The nature and extent of the release the conditions of the NFA were not available for review. This property is immediately south of the Property, adjacent to the 5th street right of way, hydrologically up-gradient to the subject Property.

Based on the distance of the properties detailed above and remaining properties relative to the subject Property, their position relative to the subject Property in relation to the measured groundwater flow direction, and/or their current regulatory status, is unlikely that these properties present a current source of contamination to the Site.

3. Natural Conditions

The Property is positioned at approximately 650 feet above mean sea level (amsl) and is relatively flat. The surrounding topography gradually slopes to east-northeast towards the Columbia River, approximately 790 feet from the Property.

3.1 Geology

According the Washington State Department of Natural Resources, regional geology at and near the Site consists of Tertiary sedimentary bedrock, Miocene basalt flows and Pliocene to Holocene alluvium, glacial, and flood deposits.

Based on historical Site investigations, the Property is underlain by fill and alluvial deposits consisting of sand with varying amounts of silt and gravel from the ground surface to approximately 22 to 26 fbg. Beyond the fill and alluvium deposits the Site is underlain by a layer of gravel and

further sandstone bedrock. Fill was primarily encountered within the remedial excavation extents as presented on Figure 2. All soil sample locations are presented on Figure 4, and cross sections depicting generalized subsurface soil and groundwater conditions are included as Figures 5 and 6. All historical boring logs are included as Appendix C.

3.2 Groundwater

The Site is located within the Columbia River watershed. The Columbia River originates from British Columbia, sourced by multiple drainage systems originating from the Cascade Mountain Range.

Based on the results of previous investigations and groundwater monitoring conducted at the Site, shallow groundwater is present between approximately 24 and 26 fbg. Groundwater is perched on top bedrock and is laterally discontinuous across the Site. Groundwater flow direction at the Site is toward to the Columbia River to the northeast. The calculated flow direction and gradient during monitoring events conducted over the past four quarters are presented in Figures 7 through 10.

3.3 Surface Water

Based on available aerial photographs, the Property was largely unpaved until sometime between 1998 and 2002, with the exception of the secondary concrete containment surrounding the ASTs. Prior to 2002, surface water would have had the potential to infiltrate into the subsurface. Small unpaved portions of the Property exist below above ground product piping and minimal landscaped areas. Additionally, one storm drain is located on the northeastern portion of the Property, its depth, direction, and discharge point are unknown. The nearest surface water body is the Columbia River at approximately 800 feet east-northeast of the Property.

3.4 Natural Resources and Ecological Receptors

The Site qualifies for an exclusion from terrestrial ecological evaluation (TEE) because there is less than 1.5 acres of contiguous undeveloped land on or within 500 feet of any area of the Site. A TEE form is included as Appendix D in addition to an aerial map depicting a 500-foot radius around the Site.

4. Contaminant Occurrence and Movement

4.1 Summary of Previous Investigations

A total of 17 monitoring wells, three soil vapor borings, 28 soil borings, and 22 hand auger borings have been completed, along with the collection of 35 excavation soil samples, at the Site since 1989 when the release to the subsurface was initially discovered. Monitoring wells MW-1 through MW-3, MW-6, MW-8 through MW-19 were installed prior to and post remedial excavation activities that took place in 1990.

In general, petroleum hydrocarbon impacted soil was observed near the former 1950's loading rack, truck unloaders, former dry well, and beneath former barrel filling lines and platform. Petroleum impacted groundwater was primarily observed in the vicinity of the former 1950's loading rack and truck unloaders.

A summary of historical soil and groundwater data are provided in Tables 1 and 2, respectively. A summary of all environmental investigations and remedial actions is provided in Appendix E. All available historical boring logs from previous investigations are included in Appendix C. Well construction details are provided in Table 3.

4.2 Soil

A total of 90 soil samples have been collected and for laboratory analysis. Soil samples were collected from borings advanced in 1989, 1990, 1991, 1997, 2013, and 2018, during the advancement of soil borings, installation of monitoring wells, and from the remedial excavation activities completed in 1990. The approximate sample depths were between the surface and 26 fbg. Table 1 summarizes soil analytical data for the Site. Figure 4 depicts historical soil concentrations exceeding MTCA Method A screening levels.

Petroleum impacted soil was first observed in 1989 and 1990 during a subsurface contamination study prompted by visual surficial staining and the removal of former Site facilities. Petroleum impacted soil extended to variable depths at the various source areas at the Site. Soil impacts were observed in three primary areas: dry well/brick cesspool; former 1950's loading rack and truck loaders; and former barrel filling platform and associated product lines.

Former Dry Well

The dry well and brick cesspool were formerly located south of the maintenance building and was removed in 1990. Impacted soil was observed in an approximate area of 120 square feet (sf) to a depth of approximately 24 fbg.

Truck Unloaders & Former Loading Rack

Impacted soil was observed in the 1950's loading rack area to depths of approximately 25 fbg. The loading rack and associated product piping were removed in 1990 from the central portion of the Property and relocated at the southeast corner of the AST secondary containment area. The impacted soil observed near the former loading rack intermingled with impacted soil observed to near the truck unloader area, located north of the former loading rack. Impacted soil was observed to approximately 9 fbg near the truck unloaders. Impacted soil observed in both the truck unloading area and former loading rack area encompassed an area of approximately 250 sf.

Barrel Filling Platform & Warehouse

The barrel filling platform and associated underground product piping area were also removed in 1990. Impacted soil was observed in minor amounts beneath the product piping that spanned from the southwest corner of the AST secondary containment to the present day warehouse. Impacted soil was primarily observed beneath the loading platform to depths ranging from 9 to 18 fbg. And shallower intervals, less than 3 fbg, below the present day warehouse. Impacted soil spanned an area of approximately 450 sf in this portion of the Site.

4.3 Groundwater

A total of 17 monitoring wells were installed at the Site: MW-1 through MW-3 and MW-6 installed in 1989, MW-7 through MW-13 installed in 1990, MW-14 through MW-16 installed in 1991, MW-18 and

MW-19 installed in 2013. According to an Ecology Resource Protection Well Report, Delta installed an additional monitoring well west of the warehouse building (MW-17). Additional information regarding the monitoring well including soil analysis, was not available for review. The well was added to the monitoring program and groundwater analysis was later summarized in subsequent reports. Wells MW-1, -2, and -7 were decommissioned in 1990 or 1991. Currently, 14 monitoring wells are active at the Site. Table 2 summarizes historical groundwater monitoring and analytical data. Figures 7 through 10 depict groundwater contour and chemical concentration maps for the last four quarters starting in December 2018.

Historically, concentrations of total petroleum hydrocarbons as gasoline (TPHg), diesel (TPHd), and/or oil (TPHo) have been reported above MTCA Method A screening levels in former monitoring well MW-2 and current monitoring well MW-13 located in the central portion of the Site near the former 1950's loading rack from 1990 to 2017.

Down gradient monitoring well MW-15 historically has also been impacted, however intermittently, from 1991 to 2015. Monitoring well MW-15 is located north of the truck unloaders and ASTs along the northern Property boundary. Laboratory analyses from groundwater monitoring events since 2015 have reported concentrations below MTCA Method A screening levels for four consecutive sampling events. Other monitoring wells located hydrologically down-gradient to historical groundwater impacts identified in MW-13 include wells MW-14, MW-18, MW-19, MW-6, and MW-16. Each of these wells have either been dry (MW-18 and MW-19) or have had reported concentrations below MTCA Method A screening levels. With the exception of one anomalous detection of TPHo above the MTCA Method A screening level in both MW-6 and MW-16. Following the anomalous exceedances, MW-6 and MW-16 had more than 30 quarters of groundwater monitoring data either below laboratory reporting limits and/or MTCA Method A screening levels.

Upgradient monitoring wells MW-9 through MW-12 have either been below laboratory reporting limits and/or MTCA Method A screening levels since their installation. With the exception of anomalous concentrations of benzene, TPHd, and/or TPHo in monitoring wells MW-10, MW-11, and MW-12. Prior to and following the anomalous concentrations, each of these wells had at least four consecutive quarters of monitoring data below laboratory reporting limits and/or MTCA Method A screening levels.

Monitoring well MW-3 was installed prior to the barrel filling platform and associated product piping, immediately north of the former platform in 1989. Since installation, groundwater concentrations have not been reported above laboratory reporting limits and/or MTCA Method A screening levels. Based on this information it does not appear that impacted soil identified at relatively shallow intervals in relation to the groundwater table have adversely affected groundwater quality in that particular area. The lack of concentrations further defines the reported impacts in MW-13.

Groundwater monitoring wells MW-3, MW-6, and MW-8 through MW-19 were sampled on a quarterly basis until 2015. Since then, GHD performed a baseline sampling event in October 2017 at the Site including all active monitoring wells (MW-3, MW-6, and MW-8 through MW-19). Each of the wells did not have concentrations above laboratory reporting limits and/or MTCA Method A cleanup levels, with the exception of a slightly elevated concentrations of TPHd in MW-13 above MTCA Method A screening levels.

GHD returned to the project Site on a quarterly basis from December 2018 to September 2019 to perform groundwater monitoring activities at the Site. Groundwater monitoring activities included gauging all monitoring wells with the exception of MW-11 and MW-12 and the collection of groundwater samples from monitoring wells MW-13 and/or MW-15. Groundwater concentrations of TPHg, TPHd, TPHo, and/or BTEX were not reported by the laboratory above laboratory reporting limits or MTCA Method A cleanup levels for both MW-13 and MW-15.

Laboratory reports for the groundwater monitoring activities since September 2018 are included in Appendix F.

4.4 Surface Water

No surface water has been sampled as there has been no indication that surface water has been impacted by the release at the Site. The nearest surface water body is the Columbia River, located 800 feet northeast of the Site.

4.5 Sediment

Since there is no indication surface water has been impacted and sediment is not located at the Site and has therefore not been sampled.

4.6 Soil Vapor

Soil vapor conditions were screened for volatiles pre- and post- remedial excavation activities via three monitoring wells screened above the water table VP-4, VP-5, and MW-7. The monitoring wells used for vapor screening were not property constructed to be a vapor well for actual soil vapor sample collection and analytical testing.

No impacted soil or groundwater related to the former petroleum release is present at the Site above MTCA Method A screening levels; therefore, no soil vapor sampling is necessary.

5. Interim Actions

In 1990, approximately 745 cubic yards of petroleum impacted soil were excavated and removed from the Site for disposal and/or land farmed on Site prior to disposal or excavation backfill. The remedial excavation activities included removal of a brick drywell located south of the maintenance building, decommissioning of a heating oil UST immediately north of the office building, removal of the 1950's loading rack, decommissioning of former barrel filling product piping connecting the ASTs to the warehouse loading dock. Additional areas of excavation included shallow soil beneath the warehouse/former barrel filling building. Remedial excavations were completed to depths up to 25 fbg at the former drywell and 1950 loading rack areas, approximately 9 fbg near the truck unloaders, 4 fbg surrounding the former heating oil UST, 2 fbg beneath the warehouse building, 4 fbg surrounding the former barrel product lines, and up to 18 fbg at the warehouse loading dock.

From 1999-2002 Oxygen Release Compound (ORC) socks were installed in monitoring well MW-13 in effort to enhance aerobic biodegradation of the residual hydrocarbons in the vicinity of the former loading rack.

No other interim actions have been performed at the Site.

6. Conceptual Model

Petroleum hydrocarbons were released to the subsurface sometime prior to 1989. Historical sources of contamination on-Property include the former loading rack in use from 1950-1990, truck unloaders, former drywell and brick cesspool, barrel filling product lines and station. The released product migrated down to the groundwater table primarily in the central portion of the Site near the former loading rack and surficial spills surrounding the truck unloaders, adversely affecting groundwater quality at locations MW-13 and MW-15.

Subsurface soils at the Site consist of sand with variable amounts of silt underlain by dense gravel and further weathered bedrock at depths of 25 to 26 fbg. Impacted groundwater was contained within a perched water-bearing zone historically located at depths between approximately 17 and 32 fbg above the bedrock present at the Site. The perched groundwater gradient was approximately 0.021 feet per foot toward the northeast during the most recent groundwater monitoring event in September 2019.

In 1990 remedial excavation activities took place within multiple areas of the Property removing known impacted soil from the Site. Based on historical reports and confirmatory soil sampling performed in 2018, impacted soil above MTCA Method A screening levels no longer remain at the Site. Groundwater data collected over the last four quarters indicate the impacted groundwater above MTCA Method A screening levels no longer remains at the Site.

The nearest surface water body is the Columbia River, located approximately 800 feet east of the Site.

The Property is currently zoned Central Business District which includes land uses for retail, commercial, and residential, and future zoning is not anticipated to change. In accordance with MTCA, potential exposure pathways for human and environmental receptors, based on the current and planned land use identified, include the following:

- Human health protection from soil to groundwater (drinking water)
- Human health protection from direct soil contact
- Human health protection from groundwater (direct contact; utility/trench worker)
- Human health protection from soil vapor inhalation
- Human health protection from soil to surface water
- Human health protection from groundwater to surface water
- Terrestrial ecological protection

Based on information provided previously in this CAR, the following conclusions can be made:

- Drinking water: The soil to groundwater (drinking water) pathway is complete because the release at the Site has impacted groundwater quality which may be used as a future beneficial resource.

- The direct soil contact pathway is complete because soil impacted with petroleum hydrocarbons has been present at the Site in the upper 15 fbg.
- The direct groundwater contact pathway is incomplete since groundwater is not present at the Site within the upper 15 fbg.
- The vapor inhalation pathway does not require further consideration based on a preliminary vapor intrusion assessment indicating that all soil and groundwater at the Site are below MTCA Method A screening levels and therefore there is no vapor intrusion source.
- The soil to surface water pathway is incomplete due to no soil or groundwater impacts being present and the physical distance to the nearest surface water
- The groundwater to surface water pathway is incomplete due to no soil or groundwater impacts being present and the physical distance to the nearest surface water
- Terrestrial environments are not at risk based on the results of the TEE.

Potential exposure pathways requiring additional evaluation include the following:

- Soil to groundwater (drinking water)
- Direct contact with soil

7. Cleanup Standards

In accordance with MTCA, development of cleanup levels includes identifying potential exposure pathways for humans and environmental receptors based on the planned land use. The Property is currently zoned Central Business District which includes land uses for retail, commercial, and residential, and future zoning is not anticipated to change. Contaminants of Potential Concern (COPCs) for this Site include the compounds listed in MTCA 173-340-900 Table 830-1 *Required Testing for Petroleum Releases* (Table 830-1).

7.1 Soil Cleanup Levels

Based on the potential potable use of groundwater beneath the Site, MTCA Method A soil cleanup levels for the COCs at the Site are appropriate. The points of compliance for this Site are all soils throughout the Site. All historical soil data in comparison to soil cleanup levels are presented in Table 1.

7.2 Groundwater Cleanup Levels

Shallow groundwater in the vicinity of the Site is not classified for drinking water beneficial use for the City of Wenatchee, but could potentially be classified for future drinking water use. Therefore, MTCA Method A groundwater cleanup levels for COPCs at the Site will be used. The point of compliance for this Site is defined as the point at which the groundwater cleanup level must be attained; thus, the point of compliance is the entire Site. All historical groundwater data in comparison to groundwater cleanup levels are presented in Table 2.

8. Areas Requiring Future Management

8.1 Constituents of Potential Concern

GHD evaluated COPCs based on the compounds listed in MTCA 173-340-900 Table 830-1 *Required Testing for Petroleum Releases* (Table 830-1). Soil and groundwater have been sampled in accordance with Table 830-1 and no impacts to soil or groundwater remain in exceedance of MTCA Method A cleanup levels.

8.2 Soil Requiring Future Management

Current soil conditions are depicted on Figure 11. Soil impacts were removed by remedial excavation as described in Section 5, with the exception of three soil sample locations in borings MW-1, HB-1, and HB-7. In 2018, GHD returned to those locations to collect additional soil analysis and to evaluate the current soil conditions. Based on the data collected all previously remaining soil concentrations above MTCA Method A cleanup levels have been confirmed to be under MTCA Method A cleanup levels. Soil impacts above MTCA Method A cleanup levels are no longer present at the Site and therefore soil at the Site does not require future management at this time.

8.3 Groundwater Requiring Future Management

No COPCs have been detected in Site groundwater monitoring wells at concentrations exceeding the MTCA Method A cleanup levels for at least four quarters in all Site monitoring wells with the exception of well MW-13.

Since 2017, samples from well MW-13 have not contained concentrations exceeding MTCA Method A cleanup levels, furthermore in 2019 reported concentrations at the MW-13 location for both wet and dry seasons were reported under laboratory reporting limits and/or MTCA Method A cleanup levels.

Based on the current groundwater conditions at the Site, groundwater does not require future management at this time and further groundwater monitoring no long appears necessary.

9. Request for No Further Action

Based on the environmental activities conducted to date, all soil and groundwater has been adequately characterized at the Site. Remedial activities at the Site have removed all impacted soil beneath the Site. Quarterly groundwater sampling conducted at the Site indicated that post source removal groundwater concentrations have naturally attenuated and all Site wells are in compliance for petroleum hydrocarbon constituents.

Based on this information, GHD requests a NFA determination for the Site. All required Site data less than 10 years old will be uploaded to the Ecology Environmental Information Management (EIM) database. Groundwater monitoring wells and vapor observation wells will be properly decommissioned once the NFA determination is received.

10. References

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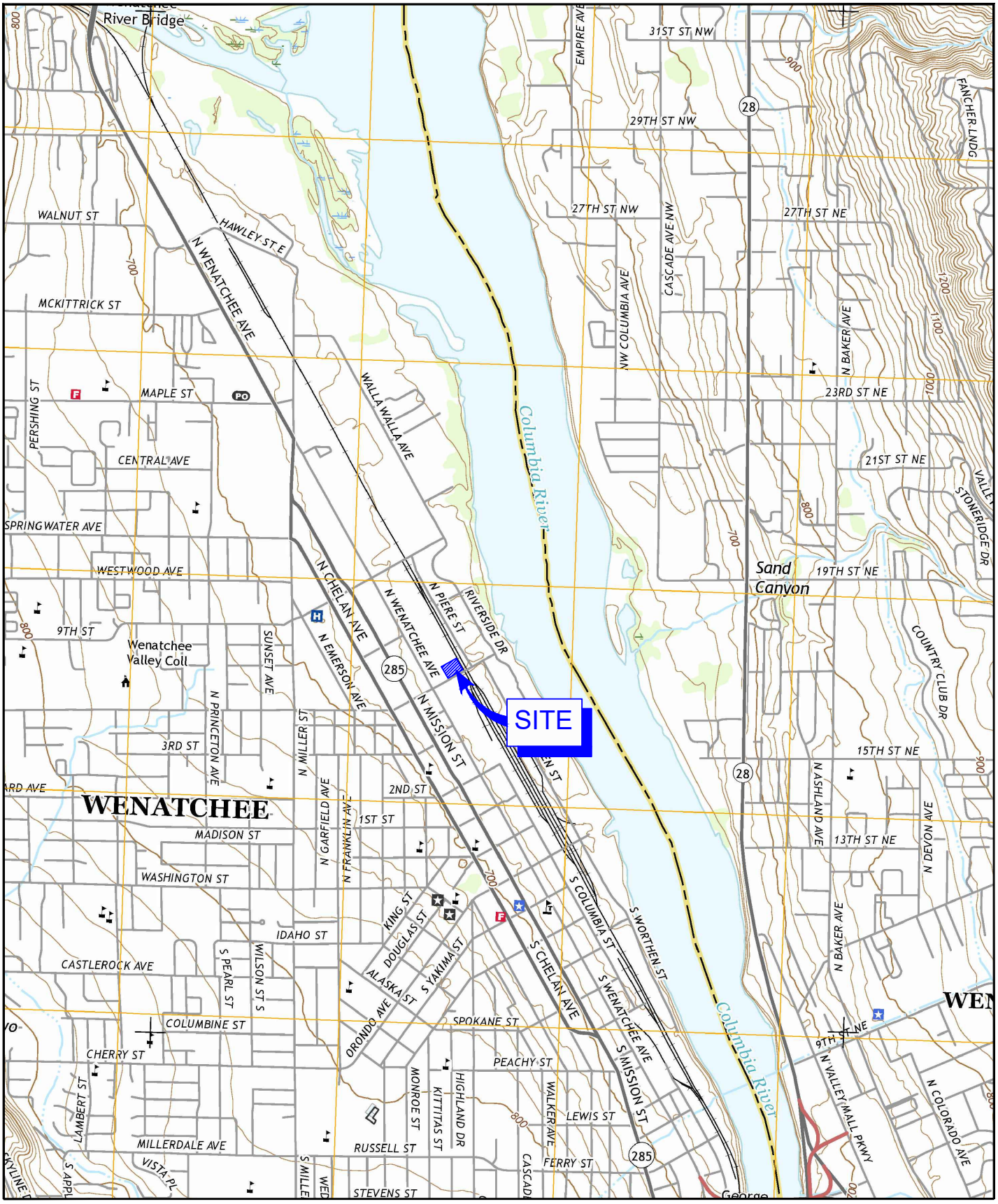
All of Which is Respectfully Submitted,

GHD

Heather Gadwa, LG

Brian Peters, LG

Figures



Source: USGS QUADRANGLE MAP: WENATCHEE, WA. (2017).

0 1000 2000ft

GHD

P66 WENATCHEE (AOC 0979)
6 FIFTH STREET
WENATCHEE, WASHINGTON

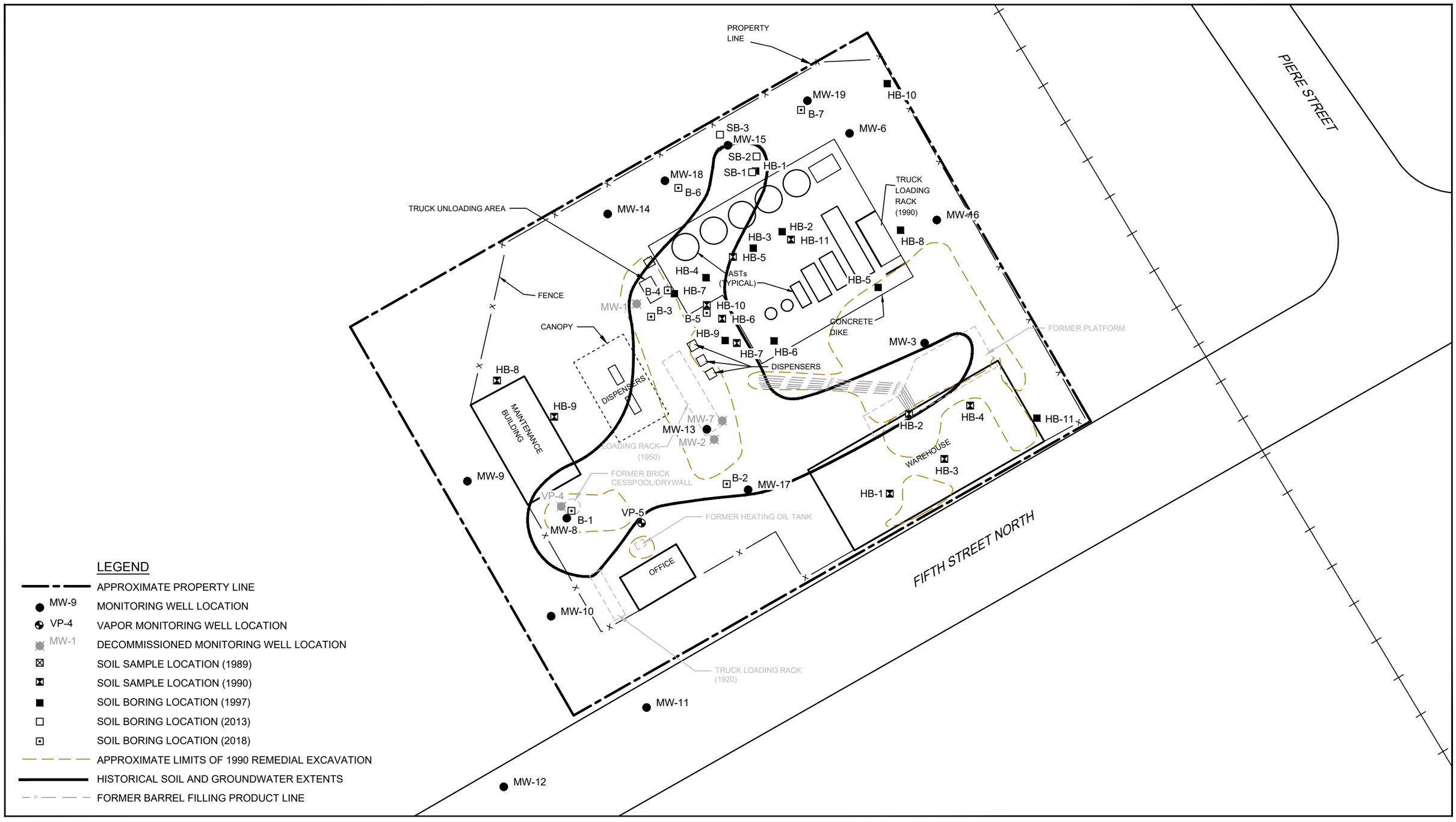
11145928-2RM00

Nov 21, 2019

SITE LOCATION MAP

FIGURE 1

CAD File: N:\CA\Waterloo\Legacy\CAD\drawings\11145000s\11145928\11145928-REPORT\11145928-2RM00(005)\11145928-2RM00(005)GN\11145928-2RM00(005)GN-WA001.DWG



LEGEND

- APPROXIMATE PROPERTY LINE
- MW-9 MONITORING WELL LOCATION
- VP-4 VAPOR MONITORING WELL LOCATION
- MW-1 DECOMMISSIONED MONITORING WELL LOCATION
- SOIL SAMPLE LOCATION (1989)
- SOIL SAMPLE LOCATION (1990)
- SOIL BORING LOCATION (1997)
- SOIL BORING LOCATION (2013)
- SOIL BORING LOCATION (2018)
- APPROXIMATE LIMITS OF 1990 REMEDIAL EXCAVATION
- HISTORICAL SOIL AND GROUNDWATER EXTENTS
- FORMER BARREL FILLING PRODUCT LINE

Source: LEIDOS, FIGURE 1, SITE MAP WITH SOIL ANALYTICAL RESULTS, DATED 11/11/2013.

0 20 40ft

Coordinate System:
WASHINGTON NORTH
STATE PLANE NAD83 FEET

GHD

P66 WENATCHEE (AOC 0979)
6 FIFTH STREET
WENATCHEE, WASHINGTON

11145928-2RM00

Nov 20, 2019

SITE PLAN

FIGURE 2

CAD File: N:\CA\Waterloo\Legacy\CAD\drawings\11145000s\11145928\11145928-REPORT\11145928-2RM00(005)\11145928-2RM00(005)GN\11145928-2RM00(005)GN-WA002.DWG

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Coordinate System:
WASHINGTON NORTH
STATE PLANE NAD83 FEET

LEGEND

APPROXIMATE PROPERTY LINE

CSID CLEANUP SITE IDENTIFICATION - DEPARTMENT OF ECOLOGY

GHD

P66 WENATCHEE (AOC 0979)
6 FIFTH STREET
WENATCHEE, WASHINGTON

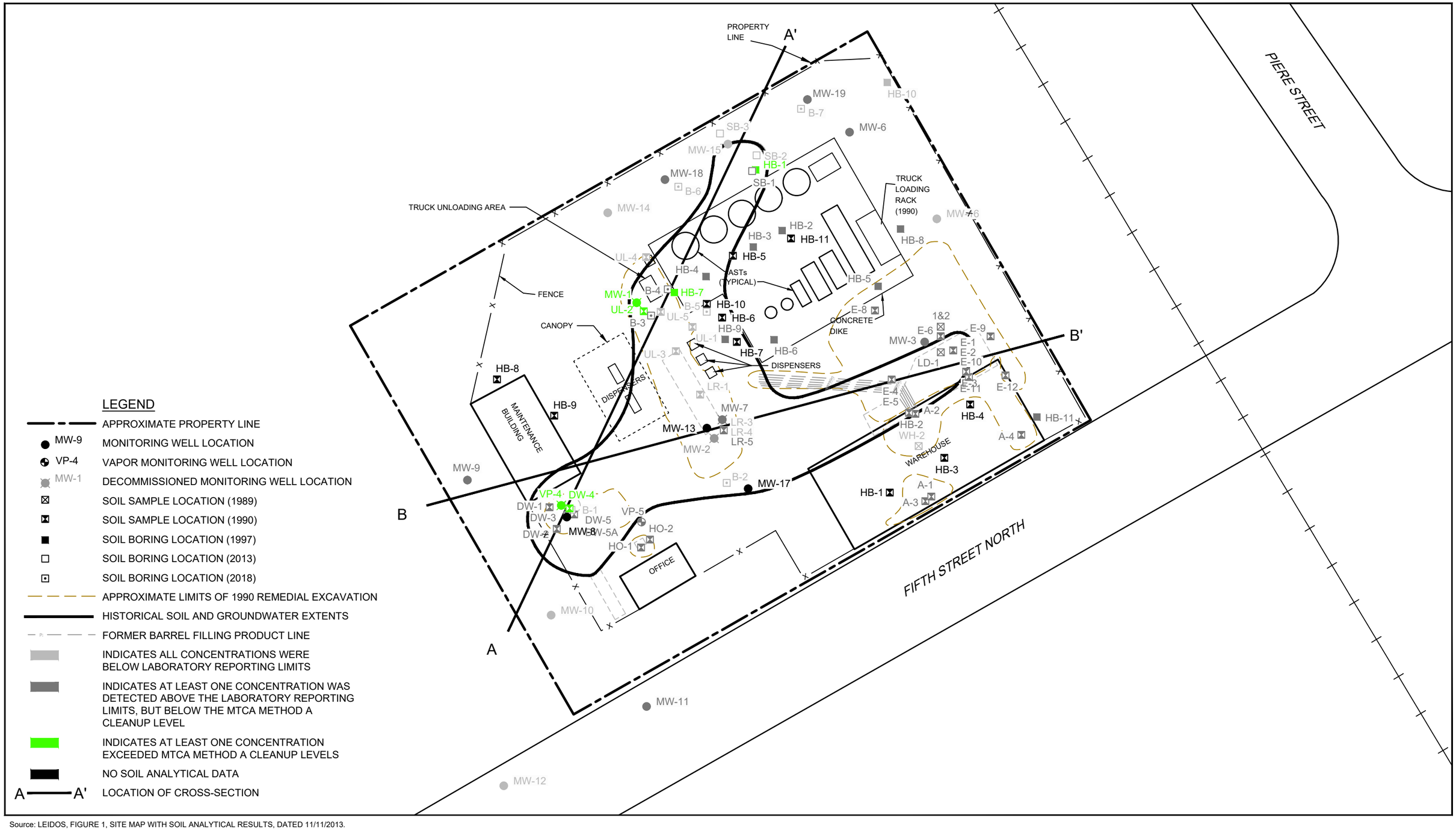
11145928-2RM00

Nov 20, 2019

AREA MAP

FIGURE 3

CAD File: N:\CA\Waterloo\Legacy\CAD\drawings\11145000s\11145928\11145928-REPORT\11145928-2RM00(005)\11145928-2RM00(005)GN\11145928-2RM00(005)GN-WA003.DWG



LEGEND

- APPROXIMATE PROPERTY LINE
- MW-9 — MONITORING WELL LOCATION
- VP-4 — VAPOR MONITORING WELL LOCATION
- MW-1 — DECOMMISSIONED MONITORING WELL LOCATION
- SOIL SAMPLE LOCATION (1989)
- SOIL SAMPLE LOCATION (1990)
- SOIL BORING LOCATION (1997)
- SOIL BORING LOCATION (2013)
- SOIL BORING LOCATION (2018)
- APPROXIMATE LIMITS OF 1990 REMEDIAL EXCAVATION
- HISTORICAL SOIL AND GROUNDWATER EXTENTS
- FORMER BARREL FILLING PRODUCT LINE
- INDICATES ALL CONCENTRATIONS WERE BELOW LABORATORY REPORTING LIMITS
- INDICATES AT LEAST ONE CONCENTRATION WAS DETECTED ABOVE THE LABORATORY REPORTING LIMITS, BUT BELOW THE MTCA METHOD A CLEANUP LEVEL
- INDICATES AT LEAST ONE CONCENTRATION EXCEEDED MTCA METHOD A CLEANUP LEVELS
- NO SOIL ANALYTICAL DATA
- A — A' — LOCATION OF CROSS-SECTION

Source: LEIDOS, FIGURE 1, SITE MAP WITH SOIL ANALYTICAL RESULTS, DATED 11/11/2013.

0 20 40ft

Coordinate System:
WASHINGTON NORTH
STATE PLANE NAD83 FEET

PHILLIPS 66
6 N. 5TH STREET
WENATCHEE, WASHINGTON

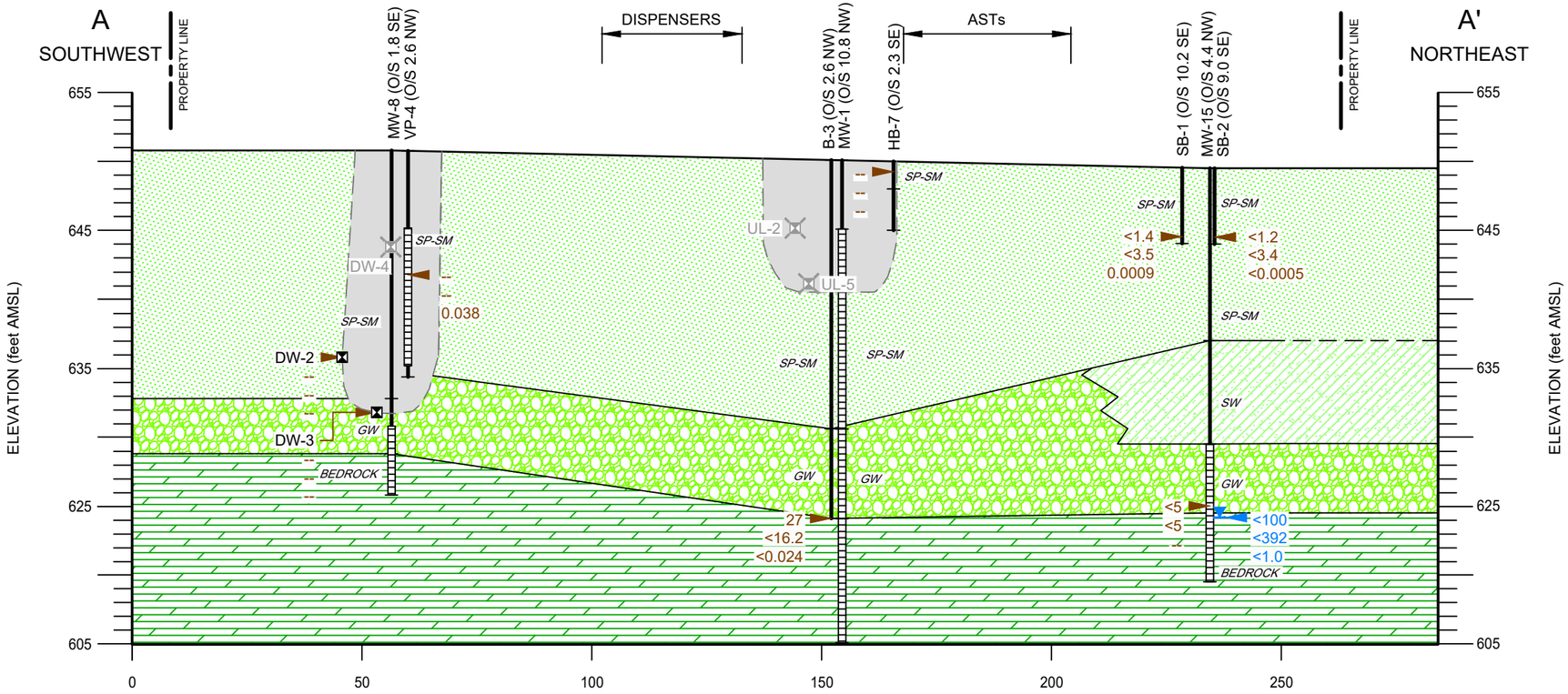
11145928-RM00

Nov 21, 2019

SOIL INVESTIGATION DATA MAP

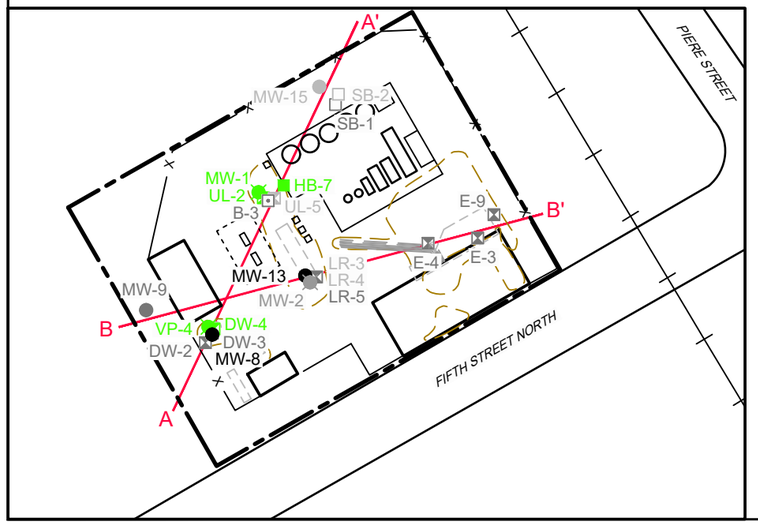
FIGURE 4

CAD File: N:\CA\Waterloo\Legacy\CAD\drawings\11145000s\11145928\11145928-REPORT\11145928-2RM00(005)\11145928-2RM00(005)GN\11145928-2RM00(005)GN-WA010.DWG



DISTANCE (feet)

SCALE: HORZ. 1" = 30'
VERT. 1" = 10'



LEGEND

- MW-2 — WELL DESIGNATION
- GROUND SURFACE
- OBSERVATION WELL INSTALLATION
- STRATIGRAPHIC BOUNDARY
- CL — TYPICAL SOIL CLASSIFICATION
- SCREENED INTERVAL
- BOTTOM OF BORING
- SOIL SAMPLE LOCATION

DATE
TPHg
TPHd
BENZENE
APPROXIMATE SOIL SAMPLE LOCATION (ppm)
SAMPLE DATE
HYDROCARBON CONCENTRATIONS IN SOIL, IN PARTS PER MILLION

TPHg
TPHd
BENZENE
APPROXIMATE GROUNDWATER SAMPLE LOCATION (9/11/2019) (ppb)
HYDROCARBON CONCENTRATIONS IN GROUNDWATER, IN PARTS PER BILLION

- SP-SM
- SW
- GW
- BEDROCK
- APPROXIMATE REMEDIAL EXCAVATION LIMITS
- -- NOT ANALYZED
- ND NON DETECT
- -- NOT AVAILABLE
- GROUNDWATER ELEVATION (MSL)
- GROUNDWATER DEPTH (9/11/2019)

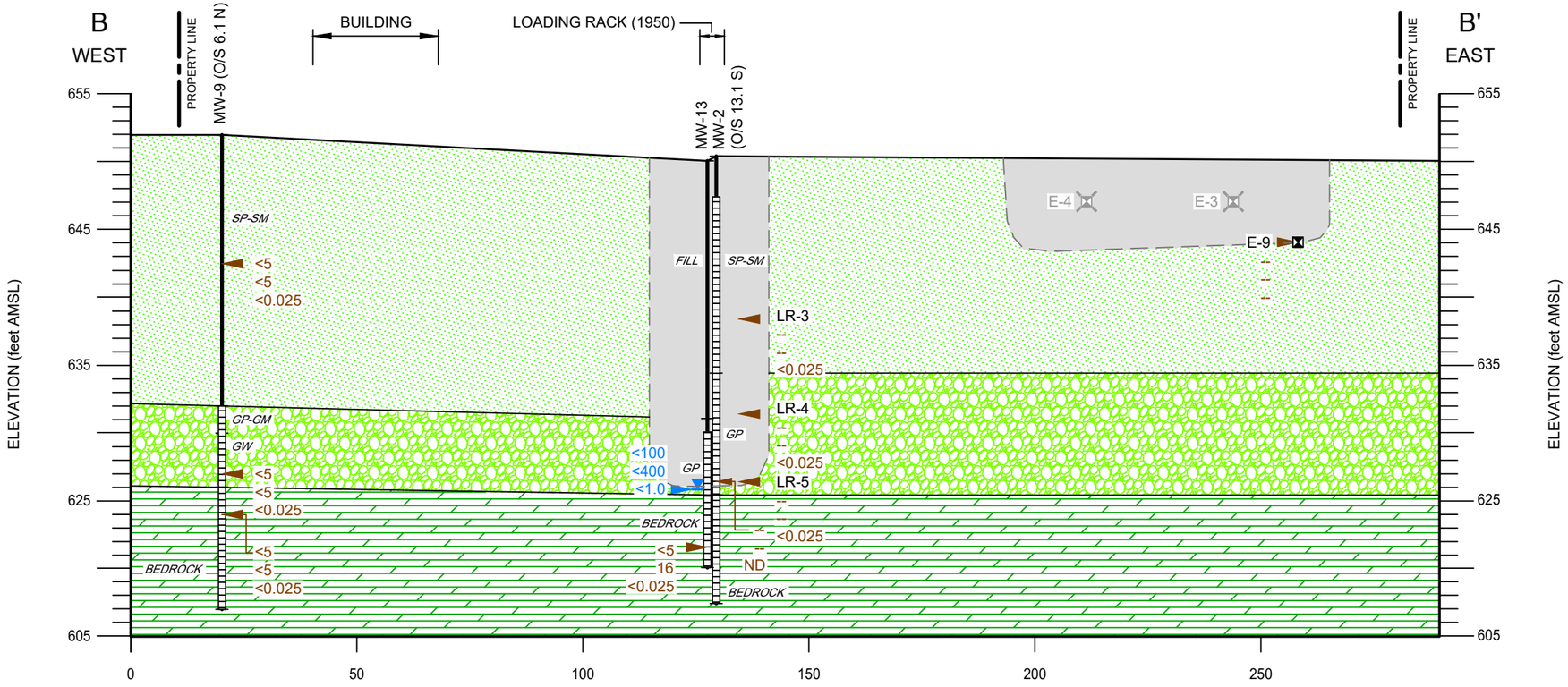
P66 WENATCHEE (AOC 0979)
6 FIFTH STREET
WENATCHEE, WASHINGTON

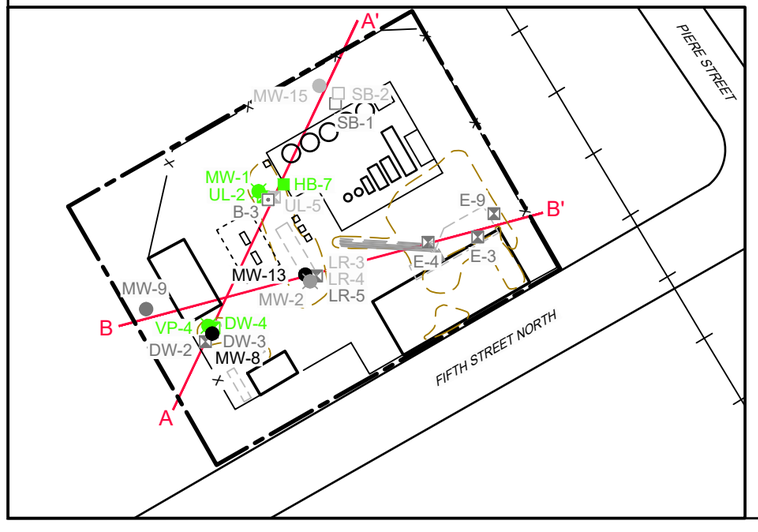
11145928-2RM00
Nov 21, 2019

GENERALIZED GEOLOGIC CROSS-SECTION A-A'

FIGURE 5

CAD File: N:\CA\Waterloo\Legacy\CAD\drawings\11145000s\11145928\11145928-REPORT\11145928-2RM00(005)\11145928-2RM00(005)GN\11145928-2RM00(005)GN-WA004.DWG





LEGEND

- MW-2 — WELL DESIGNATION
- GROUND SURFACE
- OBSERVATION WELL INSTALLATION
- STRATIGRAPHIC BOUNDARY
- CL — TYPICAL SOIL CLASSIFICATION
- SCREENED INTERVAL
- BOTTOM OF BORING
- SOIL SAMPLE LOCATION
- OVER EXCAVATED SAMPLE LOCATION

DATE
TPHg
TPHd
BENZENE

- APPROXIMATE SOIL SAMPLE LOCATION (ppm)
- SAMPLE DATE
- HYDROCARBON CONCENTRATIONS IN SOIL, IN PARTS PER MILLION

TPHg
TPHd
BENZENE

- APPROXIMATE GROUNDWATER SAMPLE LOCATION (9/11/2019) (ppb)
- HYDROCARBON CONCENTRATIONS IN GROUNDWATER, IN PARTS PER BILLION

- SP-SM
- SW
- GW
- BEDROCK
- APPROXIMATE REMEDIAL EXCAVATION LIMITS
- -- NOT ANALYZED
- ND NON DETECT
- -- NOT AVAILABLE
- GROUNDWATER ELEVATION (MSL)
- GROUNDWATER DEPTH (9/11/2019)

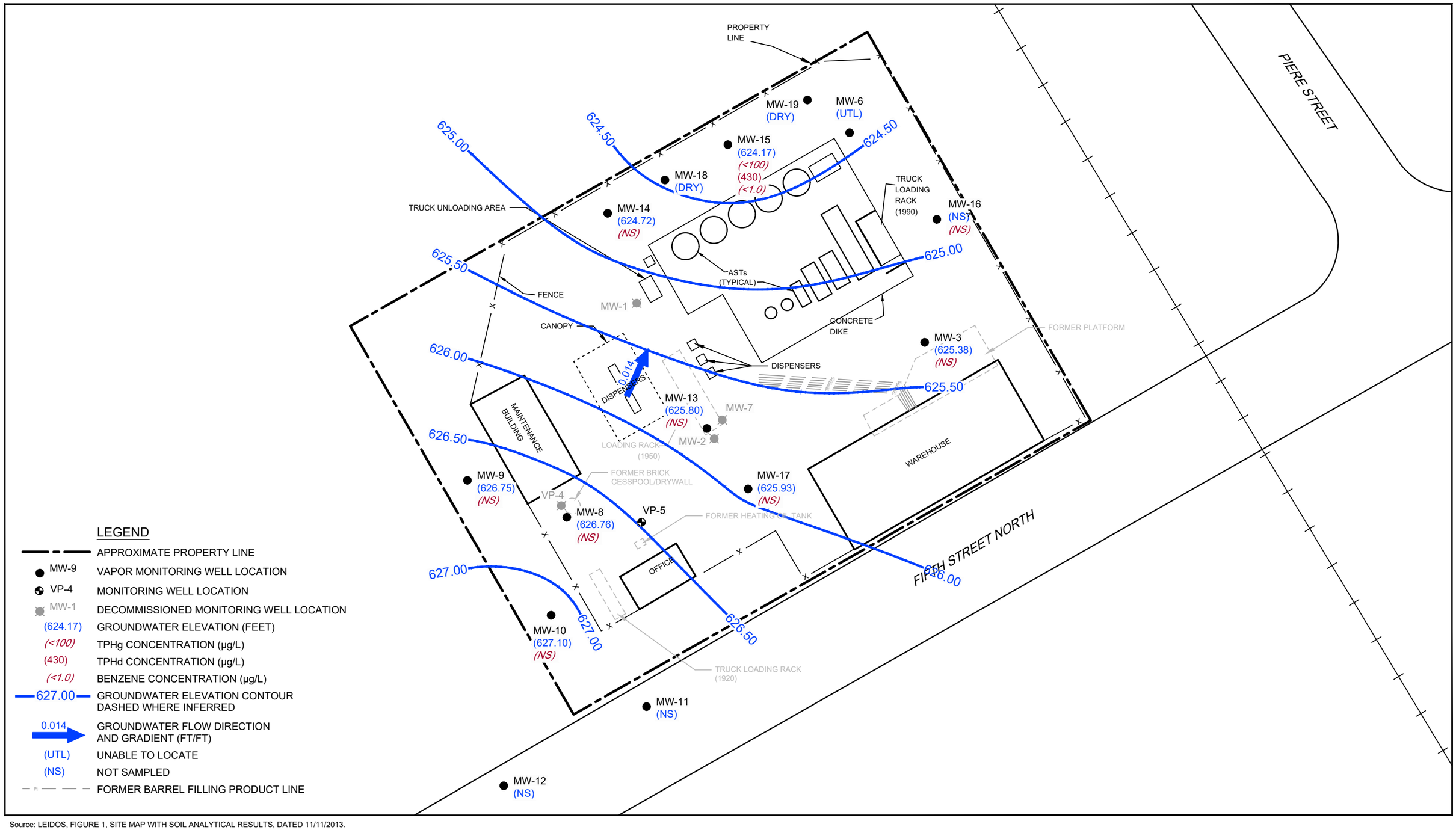
P66 WENATCHEE (AOC 0979)
6 FIFTH STREET
WENATCHEE, WASHINGTON

11145928-2RM00
Nov 21, 2019

GENERALIZED GEOLOGIC CROSS-SECTION B-B'

FIGURE 6

CAD File: N:\CA\Waterloo\Legacy\CAD\drawings\11145000s\11145928\11145928-REPORT\11145928-2RM00(005)\11145928-2RM00(005)GN\11145928-2RM00(005)GN-WA004.DWG



LEGEND

- APPROXIMATE PROPERTY LINE
- MW-9 — VAPOR MONITORING WELL LOCATION
- VP-4 — MONITORING WELL LOCATION
- MW-1 — DECOMMISSIONED MONITORING WELL LOCATION
- (624.17) — GROUNDWATER ELEVATION (FEET)
- *(<100)* — TPHg CONCENTRATION (µg/L)
- (430) — TPHd CONCENTRATION (µg/L)
- *(<1.0)* — BENZENE CONCENTRATION (µg/L)
- 627.00 — GROUNDWATER ELEVATION CONTOUR DASHED WHERE INFERRED
- 0.014 — GROUNDWATER FLOW DIRECTION AND GRADIENT (FT/FT)
- (UTL) — UNABLE TO LOCATE
- (NS) — NOT SAMPLED
- FORMER BARREL FILLING PRODUCT LINE

Source: LEIDOS, FIGURE 1, SITE MAP WITH SOIL ANALYTICAL RESULTS, DATED 11/11/2013.

0 20 40ft

Coordinate System: WASHINGTON NORTH STATE PLANE NAD83 FEET

GHD

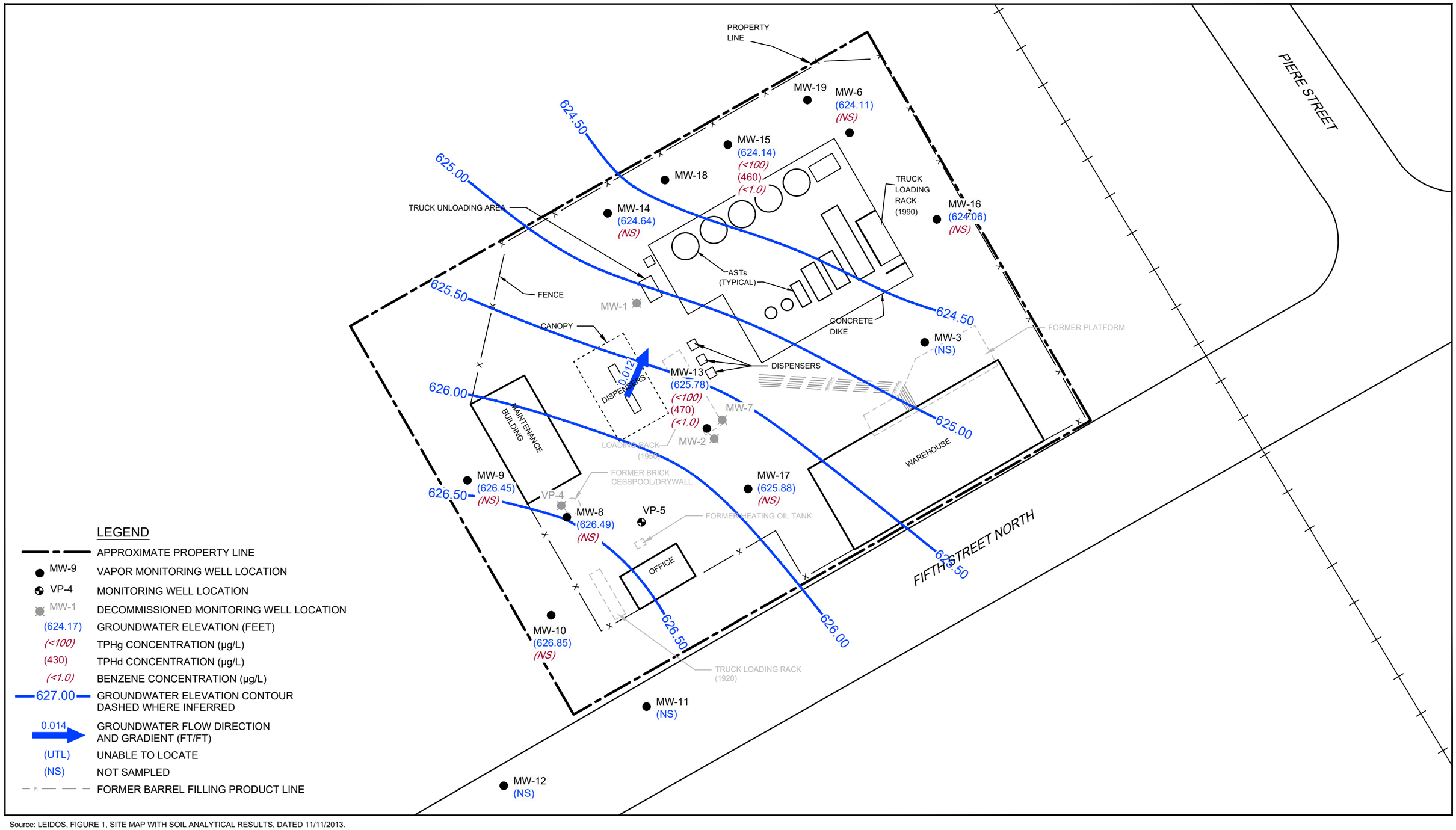
P66 WENATCHEE (AOC 0979)
6 FIFTH STREET
WENATCHEE, WASHINGTON

GROUNDWATER CONTOUR AND CHEMICAL CONCENTRATION MAP - DECEMBER 21, 2018

11145928-2RM00
Nov 20, 2019

FIGURE 7

CAD File: N:\CA\Waterloo\Legacy\CAD\drawings\11145000s\11145928\11145928-REPORT\11145928-2RM00(005)\11145928-2RM00(005)GN\11145928-2RM00(005)GN-WA006.DWG



LEGEND

- APPROXIMATE PROPERTY LINE
- MW-9 — VAPOR MONITORING WELL LOCATION
- VP-4 — MONITORING WELL LOCATION
- MW-1 — DECOMMISSIONED MONITORING WELL LOCATION
- (624.17) — GROUNDWATER ELEVATION (FEET)
- (<100) — TPHg CONCENTRATION (µg/L)
- (430) — TPHd CONCENTRATION (µg/L)
- (<1.0) — BENZENE CONCENTRATION (µg/L)
- 627.00 — GROUNDWATER ELEVATION CONTOUR DASHED WHERE INFERRED
- 0.014 — GROUNDWATER FLOW DIRECTION AND GRADIENT (FT/FT)
- (UTL) — UNABLE TO LOCATE
- (NS) — NOT SAMPLED
- FORMER BARREL FILLING PRODUCT LINE

Source: LEIDOS, FIGURE 1, SITE MAP WITH SOIL ANALYTICAL RESULTS, DATED 11/11/2013.

0 20 40ft

Coordinate System: WASHINGTON NORTH STATE PLANE NAD83 FEET

P66 WENATCHEE (AOC 0979)
6 FIFTH STREET
WENATCHEE, WASHINGTON

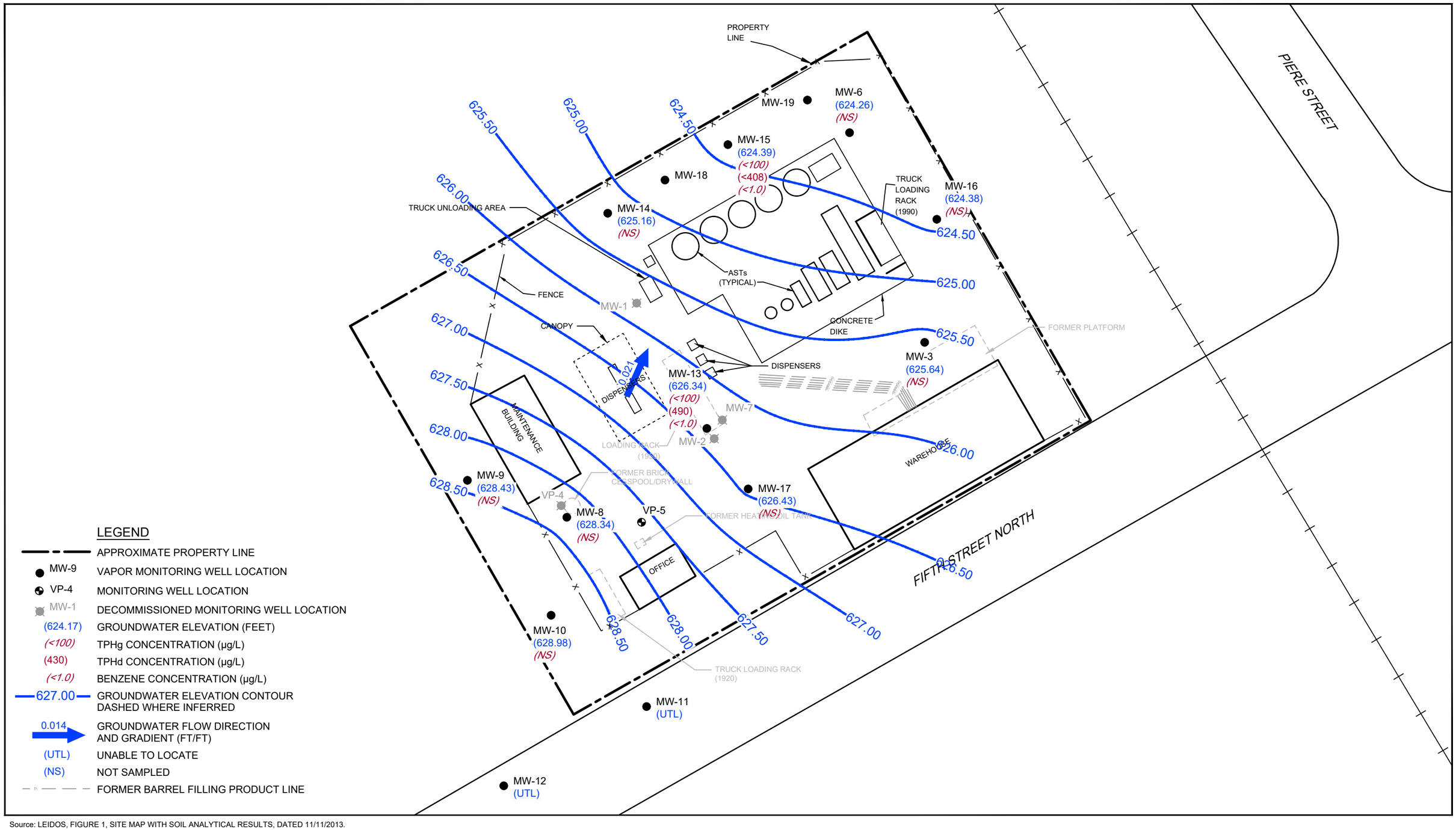
GROUNDWATER CONTOUR AND CHEMICAL CONCENTRATION MAP - MARCH 7, 2019

11145928-2RM00

Nov 20, 2019

FIGURE 8

CAD File: N:\CA\Waterloo\Legacy\CAD\drawings\11145000s\11145928\11145928-REPORT\11145928-2RM00(005)\11145928-2RM00(005)GN\11145928-2RM00(005)GN-WA007.DWG



LEGEND

- APPROXIMATE PROPERTY LINE
- MW-9 — VAPOR MONITORING WELL LOCATION
- VP-4 — MONITORING WELL LOCATION
- MW-1 — DECOMMISSIONED MONITORING WELL LOCATION
- (624.17) — GROUNDWATER ELEVATION (FEET)
- (<100) — TPHg CONCENTRATION (µg/L)
- (430) — TPHd CONCENTRATION (µg/L)
- (<1.0) — BENZENE CONCENTRATION (µg/L)
- 627.00 — GROUNDWATER ELEVATION CONTOUR DASHED WHERE INFERRED
- 0.014 — GROUNDWATER FLOW DIRECTION AND GRADIENT (FT/FT)
- (UTL) — UNABLE TO LOCATE
- (NS) — NOT SAMPLED
- FORMER BARREL FILLING PRODUCT LINE

Source: LEIDOS, FIGURE 1, SITE MAP WITH SOIL ANALYTICAL RESULTS, DATED 11/11/2013.

0 20 40ft

Coordinate System: WASHINGTON NORTH STATE PLANE NAD83 FEET

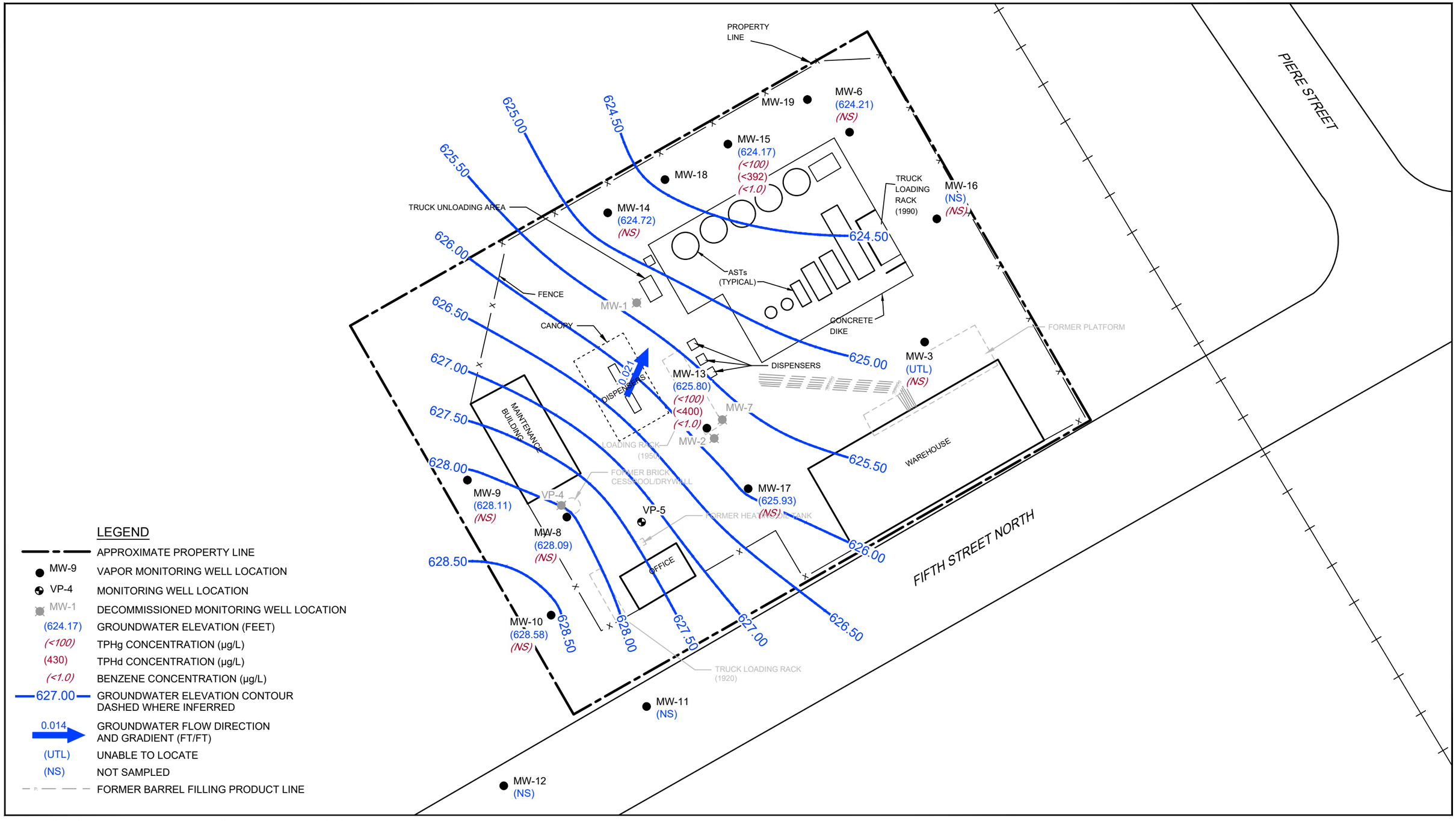
P66 WENATCHEE (AOC 0979)
6 FIFTH STREET
WENATCHEE, WASHINGTON

GROUNDWATER CONTOUR AND CHEMICAL CONCENTRATION MAP - JUNE 27, 2019

11145928-2RM00
Nov 20, 2019

FIGURE 9

CAD File: N:\CA\Waterloo\Legacy\CAD\drawings\11145000s\11145928\11145928-REPORT\11145928-2RM00(005)\11145928-2RM00(005)GN\11145928-2RM00(005)GN-WA008.DWG



Source: LEIDOS, FIGURE 1, SITE MAP WITH SOIL ANALYTICAL RESULTS, DATED 11/11/2013.

0 20 40ft

Coordinate System:
WASHINGTON NORTH
STATE PLANE NAD83 FEET

GHD

P66 WENATCHEE (AOC 0979)
6 FIFTH STREET
WENATCHEE, WASHINGTON

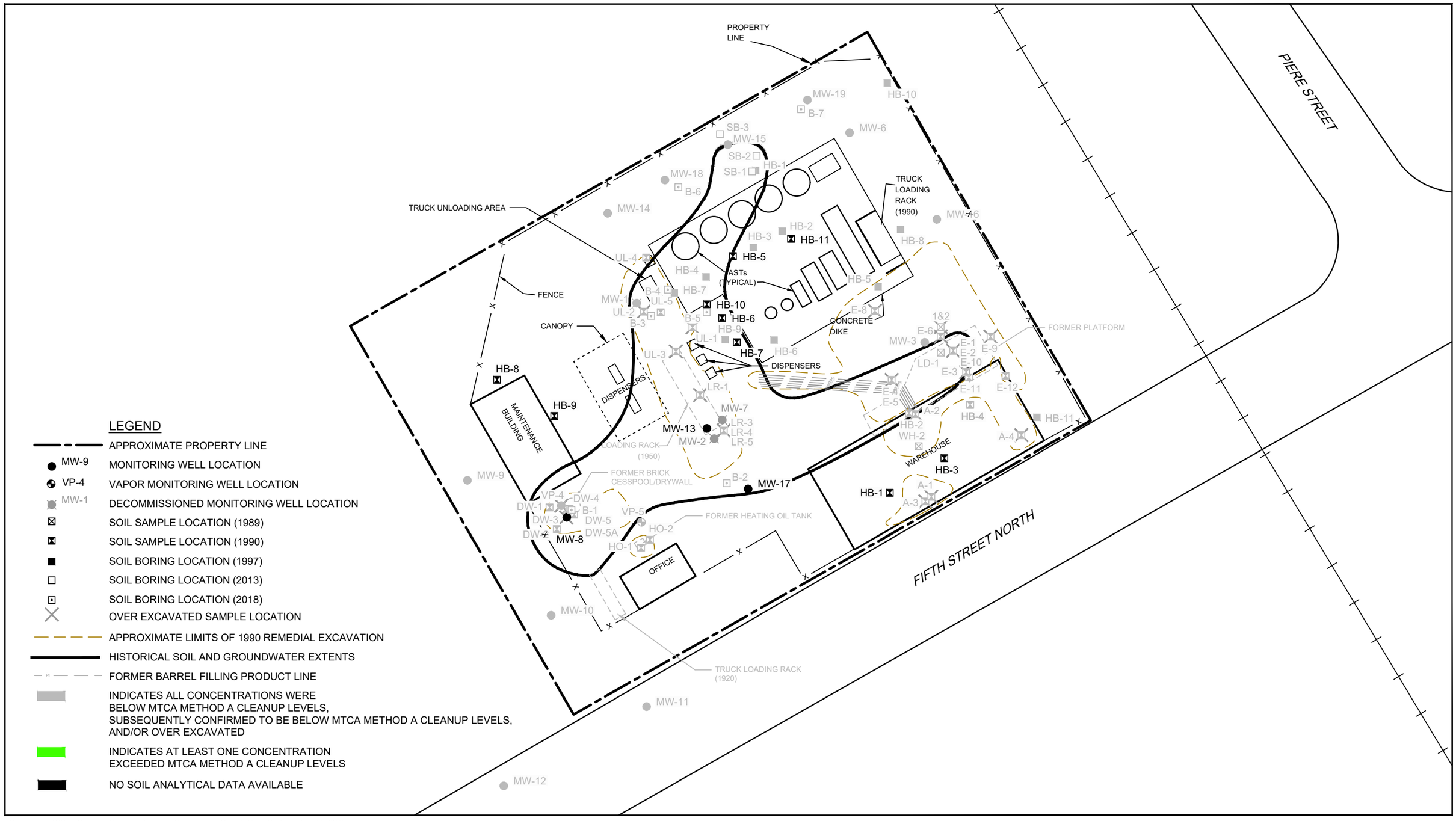
GROUNDWATER CONTOUR AND CHEMICAL CONCENTRATION MAP - SEPTEMBER 11, 2019

11145928-2RM00

Nov 21, 2019

FIGURE 10

CAD File: N:\CA\Waterloo\Legacy\CAD\drawings\11145000s\11145928\11145928-REPORT\11145928-2RM00(005)\11145928-2RM00(005)GN\11145928-2RM00(005)GN-WA009.DWG



LEGEND

- APPROXIMATE PROPERTY LINE
- MW-9 — MONITORING WELL LOCATION
- VP-4 — VAPOR MONITORING WELL LOCATION
- MW-1 — DECOMMISSIONED MONITORING WELL LOCATION
- SOIL SAMPLE LOCATION (1989)
- SOIL SAMPLE LOCATION (1990)
- SOIL BORING LOCATION (1997)
- SOIL BORING LOCATION (2013)
- SOIL BORING LOCATION (2018)
- OVER EXCAVATED SAMPLE LOCATION
- APPROXIMATE LIMITS OF 1990 REMEDIAL EXCAVATION
- HISTORICAL SOIL AND GROUNDWATER EXTENTS
- FORMER BARREL FILLING PRODUCT LINE
- INDICATES ALL CONCENTRATIONS WERE BELOW MTCA METHOD A CLEANUP LEVELS, SUBSEQUENTLY CONFIRMED TO BE BELOW MTCA METHOD A CLEANUP LEVELS, AND/OR OVER EXCAVATED
- INDICATES AT LEAST ONE CONCENTRATION EXCEEDED MTCA METHOD A CLEANUP LEVELS
- NO SOIL ANALYTICAL DATA AVAILABLE

Source: LEIDOS, FIGURE 1, SITE MAP WITH SOIL ANALYTICAL RESULTS, DATED 11/11/2013.

0 20 40ft

Coordinate System:
WASHINGTON NORTH
STATE PLANE NAD83 FEET

PHILLIPS 66
6 N. 5TH STREET
WENATCHEE, WASHINGTON

11145928-RM00

Nov 20, 2019

CURRENT SOIL CONDITIONS

FIGURE 11

CAD File: N:\CA\Waterloo\Legacy\CAD\drawings\11145000s\11145928\11145928-REPORT\11145928-2RM00(005)\11145928-2RM00(005)GN\11145928-2RM00(005)GN-WA005.DWG

Tables

Table 1

Historical Soil Analytical Results
76 Products Facility No. 351385
6 North 5th Street
Wenatchee, Washington

Sample Location	Sample ID	Sample Depth (feet)	Date Sampled	TPH by 418.1 (mg/kg)	TPH-G (mg/kg)	TPH-D (mg/kg)	TPH-O (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	EDB	EDC	MTBE	n-Hexane	Ethanol	Lead	PCBs (mg/kg)	HVOCs (mg/kg)
		MTCA Method A Cleanup Levels:		—	30	2,000		0.03	7	6	9	0.005	--	0.10	NL	NL	250	—	—
MW-1	MW-1	15	11/21/89	ND	—	—	—	0.031[a]	ND	ND	ND	--	--	--	--	--	—	—	—
MW-2	MW-2	24	11/21/89	72	—	—	—	ND	ND	ND	0.14	--	--	--	--	--	—	—	—
MW-3	MW-3	15	11/28/89	1.6	—	—	—	ND	ND	ND	ND	--	--	--	--	--	—	—	—
VP-4	VP-4	9	11/28/89	4.1	—	—	—	0.038	ND	ND	ND	--	--	--	--	--	—	—	ND
VP-5	VP-5	15	11/28/89	ND	—	—	—	ND	ND	ND	ND	--	--	--	--	--	—	—	—
MW-6	MW-6	20	11/29/89	1.6	—	—	—	ND	0.05	0.035	0.17	--	--	--	--	--	—	—	—
#1	#1	0.5	11/29/89	41,000	—	—	—	—	—	—	—	--	--	--	--	--	—	—	—
#2	#2	1.5	11/29/89	430	—	—	—	—	—	—	—	--	--	--	--	--	—	—	—
LD-1	LD-1	Surface	12/05/89	4,100	—	—	—	—	—	—	—	--	--	--	--	--	—	—	—
WH-2	WH-2	Surface	12/05/89	3,000	—	—	—	—	—	—	—	--	--	--	--	--	—	—	—
HB-1	HB-1	1.5	07/24/90	—	—	—	—	—	—	—	—	--	--	--	--	--	—	—	—
HB-2	HB-2	2	07/24/90	140	—	—	—	—	—	—	—	--	--	--	--	--	—	—	—
HB-2	HB-2	4	07/24/90	80	—	—	—	—	—	—	—	--	--	--	--	--	—	—	—
HB-3	HB-3	1.5	07/24/90	—	—	—	—	—	—	—	—	--	--	--	--	--	—	—	—
HB-4	HB-4	7	07/24/90	13	—	—	—	—	—	—	—	--	--	--	--	--	—	—	—
A-1	A-1	0.5	08/29/90	710	—	—	—	—	—	—	—	--	--	--	--	--	—	—	—
A-2	A-2	1.5	08/29/90	140	—	—	—	—	—	—	—	--	--	--	--	--	—	—	—
E-1	E-1	6.0	08/29/90	29,000	<50	6,300	—	—	—	—	—	--	--	--	--	--	—	—	ND
E-2	E-2	10.5	08/30/90	1,100	—	—	—	—	—	—	—	--	--	--	--	--	—	—	—
E-3	E-3	3.0	08/30/90	480	—	—	—	—	—	—	—	--	--	--	--	--	—	—	—
E-4	E-4	3.0	08/31/90	3,000	—	—	—	—	—	—	—	--	--	--	--	--	—	—	—
E-5	E-5	4.0	08/31/90	29	—	—	—	—	—	—	—	--	--	--	--	--	—	—	—
E-6	E-6	6.0	08/31/90	22	—	—	—	—	—	—	—	--	--	--	--	--	—	—	—
E-8	E-8	2.0	09/04/90	26	—	—	—	—	—	—	—	--	--	--	--	--	—	—	—
E-9	E-9	6.0	09/06/90	17	—	—	—	—	—	—	—	--	--	--	--	--	—	—	—
E-10	E-10	18.0	09/07/90	16	—	—	—	—	—	—	—	--	--	--	--	--	—	—	—
E-11	E-11	4.0	09/12/90	26	—	—	—	—	—	—	—	--	--	--	--	--	—	—	—
E-12	E-12	7.0	09/13/90	23	—	—	—	—	—	—	—	--	--	--	--	--	—	—	—
A-3	A-3	1.0	09/13/90	87	—	—	—	—	—	—	—	--	--	--	--	--	—	—	—
A-4	A-4	1.0	09/13/90	85	—	—	—	—	—	—	—	--	--	--	--	--	—	—	—
HO-1	HO-1	3.0	09/06/90	30	—	—	—	—	—	—	—	--	--	--	--	--	—	—	—
HO2	HO2	4.0	09/06/90	11	—	—	—	—	—	—	—	--	--	--	--	--	—	—	—
DW-1	DW-1	8.0	09/11/90	51	—	—	—	—	—	—	—	--	--	--	--	--	—	—	—
DW-2	DW-2	15.0	09/11/90	23	—	—	—	—	—	—	—	--	--	--	--	--	—	—	—
DW-3	DW-3	19.0	09/11/90	170	—	—	—	—	—	—	—	--	--	--	--	--	—	—	—
DW-4	DW-4	7.0	09/10/90	12,000	<200	19,000	—	—	—	—	—	--	--	--	--	--	—	—	—
DW-5	DW-5	23.0	09/11/90	890	<5	890	—	ND	ND	ND	ND	--	--	--	--	--	—	—	—
DW-5 (D)	DW-5 (D)	23.0	09/11/90	—	10	188	—	—	—	—	—	--	--	--	--	--	—	—	—
UL-1	UL-1	3.5	09/06/90	38	—	—	—	<0.025	<0.025	<0.025	<0.025	--	--	--	--	--	—	—	—
UL-2	UL-2	3.0	09/06/90	20,000	<500	27,000	—	<0.25	13	20	140	--	--	--	--	--	—	—	—
UL-3	UL-3	3.5	09/06/90	29	—	—	—	<0.025	<0.025	<0.025	<0.025	--	--	--	--	--	—	—	—
UL-4	UL-4	4.0	09/06/90	47	—	—	—	<0.025	<0.025	<0.025	<0.025	--	--	--	--	--	—	—	—
UL-5	UL-5	9.0	09/06/90	28	—	—	—	<0.025	<0.025	<0.025	<0.025	--	--	--	--	--	—	—	—
LR-1	LR-1	3.5	09/07/90	18	—	—	—	<0.025	<0.025	<0.025	<0.025	--	--	--	--	--	—	—	—
LR-3	LR-3	12.0	09/07/90	22	—	—	—	<0.025	<0.025	<0.025	<0.025	--	--	--	--	--	—	—	—
LR-4	LR-4	19.0	09/07/90	10	—	—	—	<0.025	<0.025	<0.025	<0.025	--	--	--	--	--	—	—	—
LR-5	LR-5	24.0	09/07/90	510	—	—	—	<0.025	<0.025	<0.025	0.29	--	--	--	--	--	—	—	—
	MW-9	9.5	11/05/90	36	<5	<5	—	<0.025	<0.025	<0.025	<0.025	--	--	--	--	--	—	—	—
MW-9	MW-9	24-26	11/05/90	23	<5	<5	—	<0.025	0.031	<0.025	<0.025	--	--	--	--	--	—	—	—
	MW-9	27-29	11/05/90	24	<5	<5	—	<0.025	<0.025	<0.025	<0.025	--	--	--	--	--	—	—	—
MW-10	MW-10	22.5-24.5	11/06/90	30	<5	<5	—	<0.025	<0.025	<0.025	<0.025	--	--	--	--	--	—	—	—
MW-11	MW-11	20-21	11/06/90	75	<5	<5	—	<0.025	0.030	0.032	0.23	--	--	--	--	--	—	—	—
		22-24	11/06/90	66	<5	<5	—	<0.025	<0.025	0.075	0.51	--	--	--	--	--	—	—	—
MW-12	MW-12	19.5	11/07/90	12	<5	<5	—	<0.025	<0.025	<0.025	<0.025	--	--	--	--	--	—	—	—
	MW-12	22-24	11/07/90	19	<5	<5	—	<0.025	<0.025	<0.025	<0.025	--	--	--	--	--	—	—	—
MW-13	MW-13	27-30	11/07/90	26	<5	16	—	<0.025	<0.025	<0.025	0.099	--	--	--	--	--	—	—	—
HB-5	HB-5	UNK	11/09/90	Slight sheen or no sheen noted in soil, sample was not collected for laboratory analysis.															
HB-6[c]	HB-6	5	11/09/90	Heavy sheen noted in soil, sample was not collected for laboratory analysis.															
HB-7	HB-7	0.5-1	11/09/90	Moderate sheen noted in soil, sample was not collected for laboratory analysis.															
HB-8	HB-8	0.5-1	11/09/90	Moderate sheen noted in soil, sample was not collected for laboratory analysis.															
HB-9	HB-9	UNK	11/09/90	Heavy sheen noted in soil, sample was not collected for laboratory analysis.															
HB-10	HB-10	UNK	11/09/90	Heavy sheen noted in soil, sample was not collected for laboratory analysis.															
HB-11	HB-11	UNK	11/09/90	Heavy sheen noted in soil, sample was not collected for laboratory analysis.															
MW-14	MW-14	24.5	04/01/91	13	<5	<5	—	—	—	—	—	--	--	--	--	--	—	—	—
MW-15	MW-15	24.5	04/02/91	14	<5	<5	—	—	—	—	—	--	--	--	--	--	—	—	—
MW-16	MW-16	24.5	04/02/91	6	<5	<5	—	—	—	—	—	--	--	--	--	--	—	—	—

Table 1

Historical Soil Analytical Results
76 Products Facility No. 351385
6 North 5th Street
Wenatchee, Washington

Sample Location	Sample ID	Sample Depth	Date Sampled	TPH by 418.1	TPH-G	TPH-D	TPH-O	Benzene	Toluene	Ethylbenzene	Total Xylenes	EDB	EDC	MTBE	n-Hexane	Ethanol	Lead	PCBs	HVOCs
HB-1	HB-1	5	09/24/97	—	502[b]	22.6	ND	ND	ND	ND	1.97	--	--	--	--	--	—	—	—
HB-2	HB-2	5	09/24/97	—	ND	37.8	ND	ND	ND	ND	ND	--	--	--	--	--	—	—	—
HB-3	HB-3	5	09/24/97	—	ND	21.4	ND	ND	ND	ND	ND	--	--	--	--	--	—	—	—
HB-4	HB-4	5	09/24/97	—	28.6	729	ND	ND	ND	ND	ND	--	--	--	--	--	—	—	—
HB-5	HB-5	5	09/24/97	—	ND	11.6	ND	ND	ND	ND	ND	--	--	--	--	--	—	—	—
HB-6	HB-6	3	09/24/97	—	ND	126	ND	ND	ND	ND	ND	--	--	--	--	--	—	—	—
HB-7	HB-7	3.5	09/24/97	—	86.6[d]	447	ND	ND	ND	ND	ND	--	--	--	--	--	—	—	—
HB-8	HB-8	5	09/24/97	—	ND	143	39.2	ND	ND	ND	ND	--	--	--	--	--	—	—	—
HB-9	HB-9	4.5	09/24/97	—	ND	28.3	ND	ND	ND	ND	ND	--	--	--	--	--	—	—	—
HB-10	HB-10	5	09/24/97	—	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--	—	ND	—
HB-11	HB-11	5	09/24/97	—	ND	1,390	391	ND	ND	ND	ND	--	--	--	--	--	—	ND	—
SB-1	SB-1-5	5	08/13/13	—	<1.4	<3.5	<12	0.0009	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0006	<0.001	<0.11	6.9	—	—
SB-2	SB-2-5	5	08/13/13	—	<1.2	<3.4	<11	<0.0005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0005	<0.001	<0.11	5.85	—	—
SB-3	SB-3-5	5	08/14/13	—	<1.3	<3.3	<11	0.0008	<0.001	<0.001	<0.001	--	--	<0.0006	--	<0.11	3.68	—	—
MW-18	MW-18-21	21	08/14/13	—	<1.1	<3.4	97	0.0009	<0.001	<0.001	<0.001	--	--	<0.0006	--	<0.11	4.96	—	—
MW-18	MW-18-22	22	08/14/13	—	<1.2	<3.1	<10	<0.0006	<0.001	<0.001	<0.001	--	--	<0.0006	--	<0.11	3.11	—	—
MW-19	MW-19-21	21	08/14/13	—	<1.2	<3.4	<11	0.001	<0.001	<0.001	<0.001	--	--	<0.0005	--	<0.11	4.62	—	—
MW-19	MW-19-26	26	08/14/13	—	1.9	<3.3	<11	0.004	<0.001	<0.001	<0.001	--	--	<0.0006	--	<0.11	4.58	—	—
B-1	S-11145928-42518-DT-A20.0'	20	04/25/18	—	<5.4	<16.5	<11.0	<0.023	<0.057	<0.057	<0.174	--	--	--	--	--	--	--	--
B-1	S-11145928-42518-DT-A24.0'	24	04/25/18	—	<5.6	<15.4	<10.3	<0.022	<0.055	<0.055	<0.167	--	--	--	--	--	--	--	--
B-2	S-11145928-42518-DT-B19.0'	19	04/25/18	—	<5.6	<16.0	<10.7	<0.022	<0.055	<0.055	<0.164	--	--	--	--	--	--	--	--
B-2	S-11145928-42518-DT-B24.0'	24	04/25/18	—	<5.1	<15.3	<10.2	<0.021	<0.052	<0.052	<0.115	--	--	--	--	--	--	--	--
B-3	S-11145928-42518-DT-C15.0'	15	04/25/18	—	<5.9	<15.3	<10.2	<0.021	<0.052	<0.052	<0.156	--	--	--	--	--	--	--	--
B-3	S-11145928-42518-DT-C26.0'	26	04/25/18	—	27	<16.2	<10.8	<0.024	<0.059	<0.059	<0.178	--	--	--	--	--	--	--	--
B-4	S-11145928-42418-DT-D38"	3.1	04/24/18	—	<5.8	<16.6	16.2	<0.219	<0.054	<0.054	<0.164	--	--	--	--	--	--	--	--
B-5	S-11145928-42418-DT-E7.0'	7	04/24/18	—	<5.6	<15.6	<10.4	<0.022	<0.055	<0.055	<0.167	--	--	--	--	--	--	--	--
B-5	S-11145928-42418-DT-E10.0'	10	04/25/18	—	<6.7	<18.9	<12.9	<0.0271	<0.067	<0.067	<0.203	--	--	--	--	--	--	--	--
B-6	S-11145928-42518-DT-G15.0'	15	04/25/18	—	<5.9	<15.3	<10.2	<0.020	<0.050	<0.050	<0.149	--	--	--	--	--	--	--	--
B-6	S-11145928-42518-DT-G24.6'	24	04/25/18	—	<6.0	<18.1	<12.1	<0.025	<0.061	<0.061	<0.184	--	--	--	--	--	--	--	--
B-7	S-11145928-42518-DT-H15.0'	15	04/25/18	—	<5.4	<15.6	<10.4	<0.022	<0.054	<0.054	<0.163	--	--	--	--	--	--	--	--
B-7	S-11145928-42518-DT-H23.0'	23	04/25/18	—	<5.3	<15.4	<10.3	<0.020	<0.051	<0.051	<0.153	--	--	--	--	--	--	--	--

Notes:

Analytical results in bold indicate concentrations exceed MTCA Method A Cleanup Levels.
Shaded cell indicates soil sample was subsequently over excavated.
ft = Feet
mg/kg = Milligrams per kilogram
MTCA = Model Toxics Control Act
ND = Not detected above method reporting limit
HVOCs = Halogenated volatile organic compounds
TPH = Total petroleum hydrocarbons
U = Unknown sample depth
USEPA = United States Environmental Protection Agency
< = Analyte is not detected at or above the laboratory reporting limit. The laboratory reporting limit is listed.
TPH as gasoline-range organics (TPH-G) analyzed by USEPA Method 8015 Modified or NWTPH-G
TPH as diesel-range organics (TPH-D) analyzed by USEPA Method 8015 Modified or NWTPH-D extended.
TPH as heavy oil-range organics (TPH-O) analyzed by NWTPH-D extended.
Benzene, toluene, ethylbenzene, and total xylenes analyzed by USEPA Method 8260 or similar.
Polychlorinated biphenyls (PCBs) analyzed by USEPA Method 8081.
Halogenated volatile organic compounds (HVOCs) analyzed by USEPA Method 8010.
[a] Soil sample confirmed below MTCA Method A screening levels by soil sample S-11145928-42518-DT-C15.0'
[b] Soil Boring HB-1 was comfirmed below MTCA Method A Screening Levels based on soil data from boring SB-1.
[c] Heavy sheen in soil reported in soil sample HB-6 confirmed by soil sample S-11145928-42418-DT-E7.0'
[d] Soil sample confirmed below MTCA Method A screening levels by soil sample S-11145928-42418-DT-D38"

Table 1B

Historical Soil Analytical Results
76 Products Facility No. 351385
6 North 5th Street
Wenatchee, Washington

Sample ID	Date Sampled	Sample Depth	Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(k) fluoranthene	Chrysene	Dibenz(a,h) anthracene	Indeo(1,2,3-cd)pyrene	1-Methyl-naphthalene	2-Methyl-naphthalene	Naphthalene
MTCA Method A Cleanup Level		***(feet)***	**NL** ***(mg/kg)***	**0.1** ***(mg/kg)***	**NL** ***(mg/kg)***	**NL** ***(mg/kg)***	**NL** ***(mg/kg)***	**NL** ***(mg/kg)***	**NL** ***(mg/kg)***	**NL** ***(mg/kg)***	**NL** ***(mg/kg)***	**5** ***(mg/kg)***
SB-1-5	08/13/13	5	0.0027	0.0029	0.0049	0.0022	0.0034	<0.00079	0.0029	0.00090	0.0019	0.0013
SB-2-5	08/13/13	5	<0.00075	<0.00075	<0.00075	<0.00075	<0.00075	<0.00075	<0.00075	<0.00075	<0.00075	0.00076

Notes:

mg/kg = milligrams per kilogram
ft = feet
< = Analyte is not detected at or above the laboratory reporting limit. The laboratory reporting limit is listed.
MTCA = Model Toxic Control Act
NL = No limit available
USEPA = United States Environmental Protection Agency
PAHs = Polynuclear Aromatic Hydrocarbons
PAHs analyzed by USEPA Method 8270C SIM.

Table 2

Groundwater Monitoring Data and Analytical Results
76 Products Facility No. 351385
6 North 5th Street
Wenatchee, Washington

Well ID	Sample Date	TOC Elevation	Depth to Water	Groundwater Elevation	EPA Method 418.1	TPH-G	TPH-D	TPH-O	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Total Lead	Dissolved Lead	Ethanol
			MTCA Method A Cleanup Levels:		--	800		500	5	1,000	700	1,000	20	0.01	5	15	15	NE
		(feet)	*(feet)*	*(feet)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*
MW-1	12/05/89	--	24.33	--	2,000	--	--	--	4.7	1.5	31	21	--	--	--	--	--	--
MW-1	07/17/90	--	--	--	--	--	--	--	3.4	1.8	37	5.9						
MW-2	12/05/89	--	24.52	--	1,600	--	--	--	**620**	65	72	870	--	--	--	--	--	--
MW-2	07/17/90	--	--	--	--	--	--	--	**590**	81	320	1,400	--	--	--	--	--	--
MW-3	12/05/89	98.68	23.34	75.34	600	--	--	--	2.6	58	ND	1.8	--	--	--	--	--	--
MW-3	07/17/90	98.68	--	--	--	--	--	--	<0.5	0.7	<0.5	<0.5						
MW-3	04/11/91	98.68	--	--	<100	<100	<100	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
MW-3	08/28/91	98.68	22.52	76.16	--	<100	<100	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
MW-3	11/22/91	98.68	23.13	75.55	--	<100	<100	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
MW-3	02/19/92	98.68	23.26	75.42	--	<100	<100	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
MW-3	09/19/92	98.68	--	--	--	<100	<100	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
MW-3	05/22/92	98.68	22.82	75.86	--	<100	<100	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
MW-3	08/20/92	98.68	22.37	76.31	--	<100	<100	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
MW-3	11/24/92	98.68	23.24	75.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	02/24/93	98.68	22.85	75.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	05/24/93	98.68	24.94	73.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	3/27/2001	98.68	23.50	75.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	9/11/2001	98.68	23.00	75.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	3/21/2002	98.36	23.11	75.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	6/28/2002	98.36	22.99	75.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	9/24/2002	98.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	12/9/2002	98.36	24.21	74.15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	03/10/03	98.74	23.27	75.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	6/3/2003	98.74	23.39	75.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	9/15/2003	98.74	23.51	75.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	12/9/2003	98.74	23.60	75.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	3/11/2004	98.74	22.45	76.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	6/9/2004	98.74	Inaccessible - car parked over well															
MW-3	9/9/2004	98.74	23.03	75.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	12/20/2004	98.74	23.26	75.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	04/04/05	98.74	23.80	74.94	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	6/15/2005	98.74	23.53	75.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	9/14/2005	98.74	23.03	75.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	11/22/2005	98.74	23.12	75.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	2/10/2006	98.74	22.62	76.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	5/23/2006	98.74	22.92	75.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	8/3/2006	98.74	22.70	76.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	11/1/2006	98.74	23.15	75.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	2/1/2007	98.74	22.75	75.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	5/8/2007	98.74	22.94	75.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	8/1/2007	98.74	23.56	75.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	11/5/2007	98.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	3/19/2008	98.74	23.19	75.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	5/6/2008	98.74	23.22	75.52	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	8/14/2008	98.74	22.60	76.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	11/12/2008	98.74	22.90	75.84	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	4/6/2009	98.74	23.00	75.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 2

Groundwater Monitoring Data and Analytical Results
76 Products Facility No. 351385
6 North 5th Street
Wenatchee, Washington

Well ID	Sample Date	TOC Elevation	Depth to Water	Groundwater Elevation	EPA Method 418.1	TPH-G	TPH-D	TPH-O	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Total Lead	Dissolved Lead	Ethanol
			MTCA Method A Cleanup Levels:		--	800		500	5	1,000	700	1,000	20	0.01	5	15	15	NE
		(feet)	*(feet)*	*(feet)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*
MW-1	12/05/89	--	24.33	--	2,000	--	--	--	4.7	1.5	31	21	--	--	--	--	--	--
MW-1	07/17/90	--	--	--	--	--	--	--	3.4	1.8	37	5.9						
MW-2	12/05/89	--	24.52	--	1,600	--	--	--	**620**	65	72	870	--	--	--	--	--	--
MW-2	07/17/90	--	--	--	--	--	--	--	**590**	81	320	1,400	--	--	--	--	--	--
MW-3	12/05/89	98.68	23.34	75.34	600	--	--	--	2.6	58	ND	1.8	--	--	--	--	--	--
MW-3	6/22/2009	98.74	22.79	75.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	9/23/2009	98.74	22.81	75.93	--	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	<1.0	<0.010	<1.0	2.0	1.7	--
MW-3	12/3/2009	98.74	23.04	75.70	--	<50.0	<78	<390	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
MW-3	3/4/2010	98.74	22.82	75.92	--	<50.0	<76.9	<385	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
MW-3	6/16/2010	98.74	22.55	76.19	--	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
MW-3	9/9/2010	98.74	22.77	75.97	--	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	<1.0					
MW-3	12/13/2010	98.74								Inaccessible - Compact snow/ice								
MW-3	3/23/2011	98.74	22.77	75.97	--	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
MW-3	5/12/2011	98.74	22.89	75.85	--	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
MW-3	9/15/2011	98.74	22.69	76.05	--	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-3	12/27/2011	98.74	23.24	75.50	--	<50	<30	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-3	3/28/2012	98.74	23.12	75.62	--	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-3	6/28/2012	98.74	22.22	76.52	--	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-3	9/5/2012	98.74	22.02	76.72	--	<50	<31	<72	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-3	11/26/2012	98.74	22.62	76.12	--	<50	<30	<69	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-3	3/21/2013	98.74	22.72	76.02	--	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-3	6/12/2013	98.74	22.30	76.44	--	<50	<30	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-3	9/25/2013	648.42	22.50	625.92	--	<50	<30	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-3	12/12/2013	648.42	23.41	625.01	--	<50	<32	<74	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-3	3/24/2014	648.42	22.78	625.64	--	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-3	6/24/2014	648.42	22.81	625.61	--	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-3	9/24/2014	648.42	22.86	625.56	--	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-3	12/1/2014	648.42	22.82	625.60	--	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-3	2/24/2015	648.42	22.82	625.60	--	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-3	6/1/2015	648.42	22.82	625.60	--	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-3	9/14/2015	648.42	22.75	625.67	--	<50	<28	<65	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-3	11/23/2015	648.42	22.73	625.69	--	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-3	10/13/2017	648.42	22.99	625.43	--	<100	<480	<480	<1.0	<1.0	<4.0	<3.0	--	--	--	--	--	--
MW-3	12/21/2018	648.42	23.04	625.38	--													
MW-3	3/7/2019	648.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	6/27/2019	648.42	22.78	625.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-3	9/11/2019	648.42								Unable to locate well								
MW-6	12/5/1989	98.99	32.02	66.97	3,200	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	7/17/1990	98.99	--	--	--	--	--	--	1.2	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--
MW-6	4/11/1991	98.99	--	--	<100	<100	<100	--	<0.05	11	<0.05	<0.05	--	--	--	--	--	--
MW-6	8/28/1991	98.99	24.21	74.78	--	<100	<100	--	<0.05	<0.05	<0.05	<0.05	--	--	--	<2	--	--
MW-6	11/22/1191	98.99	24.24	74.75	--	<100	<100	--	<0.05	1	<0.05	<0.05						
MW-6	2/19/1992	98.99	24.95	74.04	--	<100	<100	--	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--
MW-6	5/22/1992	98.99	24.74	74.25	--	<100	<100	--	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--
MW-6	8/20/1992	98.99	24.06	74.93	--	<100	<100	--	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--
MW-6	11/24/1992	98.99	24.93	74.06	--	<100	<100	--	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--
MW-6	2/24/1993	98.99	24.58	74.41	--	<100	<100	--	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--
MW-6	5/24/1993	98.99	24.65	74.34	--	<100	<100	--	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--
MW-6	3/27/2001	98.99	25.17	73.82	--	<50.0	<250	--	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--
MW-6	9/11/2001	98.99	24.66	74.33	--	<50.0	<250	--	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--
MW-6	3/21/2002	98.63	24.66	73.97	--	119	<250	<500	<0.500	<2.00	<1.00	<1.50	--	--	--	--	--	--
MW-6	6/28/2002	98.63	24.69	73.94	--	<50.0	<250	--	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--
MW-6	9/24/2002	98.63	24.35	74.28	--	<50.0	<250	--	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--

Table 2

Groundwater Monitoring Data and Analytical Results
76 Products Facility No. 351385
6 North 5th Street
Wenatchee, Washington

Well ID	Sample Date	TOC Elevation	Depth to Water	Groundwater Elevation	EPA Method 418.1	TPH-G	TPH-D	TPH-O	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Total Lead	Dissolved Lead	Ethanol
			MTCA Method A Cleanup Levels:		--	800		500	5	1,000	700	1,000	20	0.01	5	15	15	NE
		(feet)	*(feet)*	*(feet)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*
MW-1	12/05/89	--	24.33	--	2,000	--	--	--	4.7	1.5	31	21	--	--	--	--	--	--
MW-1	07/17/90	--	--	--	--	--	--	--	3.4	1.8	37	5.9						
MW-2	12/05/89	--	24.52	--	1,600	--	--	--	**620**	65	72	870	--	--	--	--	--	--
MW-2	07/17/90	--	--	--	--	--	--	--	**590**	81	320	1,400	--	--	--	--	--	--
MW-3	12/05/89	98.68	23.34	75.34	600	--	--	--	2.6	58	ND	1.8	--	--	--	--	--	--
MW-6	12/9/2002	98.63	24.69	73.94	--	<50.0	<250	--	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--
MW-6	03/10/03	99.00	25.16	73.84	--	<50.0	533	--	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--
MW-6	6/3/2003	99.00	24.72	74.28	--	<50.0	<250	--	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--
MW-6	9/15/2003	99.00	25.13	73.87	--	<50.0	<250	--	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--
MW-6	12/9/2003	99.00	25.00	74.00	--	<100	<127	<506	<0.25	<0.5	<0.5	<1	--	--	--	--	--	--
MW-6	3/11/2004	99.00	24.32	74.68	--	<100	<136	<546	<1	<1	<1	<2	--	--	--	--	--	--
MW-6	6/9/2004	99.00	24.84	74.16	--	<100	<124	<496	<1	<1	<1	<2	--	--	--	--	--	--
MW-6	9/9/2004	99.00	24.62	74.38	--	<100	<255	<510	<1	<1	<1	<2	--	--	--	--	--	--
MW-6	12/20/2004	99.00	25.04	73.96	--	<100	<240	<479	<0.5	<1	<1	<2	--	--	--	--	--	--
MW-6	4/4/2005	99.00	25.22	73.78	--	<100	<252	<505	<1	<1	<1	<2	--	--	--	--	--	--
MW-6	6/15/2005	99.00	24.78	74.22	--	<100	<253	<507	<1	<1	<1	<2	--	--	--	--	--	--
MW-6	9/14/2005	99.00	24.65	74.35	--	<48	81	--	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--
MW-6	11/22/2005	99.00	24.92	74.08	--	<48	<81	<100	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--
MW-6	2/10/2006	99.00	24.55	74.45	--	<48	<79	<99	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--
MW-6	5/23/2006	99.00	24.77	74.23	--	<48	<85	<110	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--
MW-6	8/3/2006	99.00	24.59	74.41	--	<48	290	**520**	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--
MW-6	11/1/2006	99.36	24.95	74.41	--	<48	--	--	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--
MW-6	2/1/2007	99.36	24.59	74.77	--	--	<80	140	--	--	--	--	--	--	--	--	--	--
MW-6	5/8/2007	99.36	24.75	74.61	--	--	<89	<110	--	--	--	--	--	--	--	--	--	--
MW-6	8/1/2007	99.36	25.48	73.88	--	--	210	300	--	--	--	--	--	--	--	--	--	--
MW-6	11/5/2007	99.36	24.88	74.48	--	<50	<79	<99	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--
MW-6	3/19/2008	99.36	24.85	74.51	--	<50	<76	<95	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--
MW-6	5/6/2008	99.36	25.34	74.02	--	<50	<78	<97	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--
MW-6	8/14/2008	99.36	24.65	74.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	11/12/2008	99.36	24.30	75.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	4/6/2009	99.36	24.85	74.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	6/22/2009	99.36	24.72	74.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	9/23/2009	99.36	24.79	74.57	--	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	<1.0	<0.011	<1.0	0.48	0.11	--
MW-6	12/3/2009	99.36	24.93	74.43	--	<50.0	160	<390	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
MW-6	3/4/2010	99.36	24.54	74.82	--	<50.0	165	<385	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
MW-6	6/16/2010	99.36	24.63	74.73	--	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
MW-6	9/9/2010	99.36	24.65	74.71	--	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	--	--	--
MW-6	12/13/2010	99.36							Inaccessible - Compact snow/ice									
MW-6	3/23/2011	99.36	24.72	74.64	--	<50.0	85.5	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
MW-6	5/12/2011	99.36	24.78	74.58	--	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
MW-6	9/15/2011	99.36	24.41	74.95	--	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-6	12/27/2011	99.36	25.00	74.36	--	<50	51	<71	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-6	3/28/2012	99.36	24.64	74.72	--	<50	30	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-6	6/28/2012	99.36	24.22	75.14	--	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-6	9/5/2012	99.36	23.98	75.38	--	<50	54	<73	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-6	11/26/2012	99.36	24.60	74.76	--	<50	<30	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-6	3/21/2013	99.36	24.72	74.64	--	<50	52	<67	<0.5	<0.5	4	2	--	--	--	--	--	<50
MW-6	6/12/2013	99.36	24.35	75.01	--	<50	<30	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-6	9/25/2013	649.04	24.50	624.54	--	<50	90	<79	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-6	12/12/2013	649.04	25.60	623.44	--	<50	<31	<73	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-6	3/24/2014	649.04	24.53	624.51	--	<50	32	<68	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-6	6/24/2014	649.04	24.85	624.19	--	<50	33	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50

Table 2

Groundwater Monitoring Data and Analytical Results
76 Products Facility No. 351385
6 North 5th Street
Wenatchee, Washington

Well ID	Sample Date	TOC Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	EPA Method 418.1 (ug/L)	TPH-G (ug/L)	TPH-D (ug/L)	TPH-O (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	MTBE (ug/L)	EDB (ug/L)	EDC (ug/L)	Total Lead (ug/L)	Dissolved Lead (ug/L)	Ethanol (ug/L)
			MTCA Method A Cleanup Levels:		--	**800**		**500**	**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**15**	**15**	**NE**
MW-1	12/05/89	--	24.33	--	2,000	--	--	--	4.7	1.5	31	21	--	--	--	--	--	--
MW-1	07/17/90	--	--	--	--	--	--	--	3.4	1.8	37	5.9						
MW-2	12/05/89	--	24.52	--	1,600	--	--	--	**620**	65	72	870	--	--	--	--	--	--
MW-2	07/17/90	--	--	--	--	--	--	--	**590**	81	320	1,400	--	--	--	--	--	--
MW-3	12/05/89	98.68	23.34	75.34	600	--	--	--	2.6	58	ND	1.8	--	--	--	--	--	--
MW-6	9/25/2014	649.04	24.76	624.28	--	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-6	12/1/2014	649.04	24.91	624.13	--	<50	46	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-6	2/24/2015	649.04	24.68	624.36	--	<50	53	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-6	6/1/2015	649.04	24.68	624.36	--	<50	39	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-6	9/14/2015	649.04	24.70	624.34	--	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-6	11/23/2015	649.04	24.49	624.55	--	<50	69	83	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-6	10/12/2017	649.04	24.86	624.18	--	<100	<400	<400	<1.0	<1.0	<4.0	<3.0	--	--	--	--	--	--
MW-6	12/21/2018	649.04								Unable to Locate								
MW-6	3/7/2019	649.04	24.93	624.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	6/27/2019	649.04	24.78	624.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-6	9/11/2019	649.04	24.83	624.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	9/25/1990	101.04	--	--	2,000	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
MW-8	4/11/1991	101.04	--	--	--	<100	400	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
MW-8	8/28/1991	101.04	21.86	79.18	--	<100	<100	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
MW-8	11/22/1991	101.04	23.78	77.26	--	<100	<100	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
MW-8	2/19/1992	101.04	24.24	76.80	--	<100	<100	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
MW-8	5/22/1992	101.04	19.55	81.49	--	<100	<100	--	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--
MW-8	8/20/1992	101.04	17.39	83.65	--	<100	<100	--	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--
MW-8	11/25/1992	101.04	19.58	81.46	--	<100	<100	--	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--
MW-8	2/24/1993	101.04	18.52	82.52	--	<100	<100	--	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--
MW-8	5/25/1993	101.04	19.30	81.74	--	<100	<100	--	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--
MW-8	3/27/2001	101.04	24.87	76.17	--	<50.0	--	--	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--
MW-8	9/11/2001	101.04	23.51	77.53	--	<50.0	<250	--	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--
MW-8	03/21/02	100.76	24.41	76.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	6/28/2002	100.76	24.14	76.62	--	<50.0	<250	--	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--
MW-8	9/24/2002	100.76	23.05	77.71	--	<50.0	<250	--	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--
MW-8	12/09/02	100.76	24.50	76.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	03/10/03	100.76	24.28	76.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	06/03/03	100.76	23.95	76.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	9/15/2003	100.76	23.50	77.26	--	<50.0	<250	--	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--
MW-8	12/09/03	100.76	24.45	76.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	3/11/2004	100.76	24.00	76.76	--	<100	<361	<1045	<1	<1	<1	<2	--	--	--	--	--	--
MW-8	06/09/04	100.76	24.31	76.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	9/9/2004	100.76	23.45	77.31	--	<100	<248	<496	<1	<1	<1	<2	--	--	--	--	--	--
MW-8	12/20/04	100.76	24.70	76.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	4/4/2005	100.76	24.76	76.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	6/15/2005	100.76	24.75	76.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	9/14/2005	100.76	23.17	77.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	11/22/2005	100.76	24.62	76.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	2/10/2006	100.76	23.45	77.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	5/23/2006	100.76	24.17	76.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	8/3/2006	100.76	24.51	76.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	11/1/2006	101.14	24.14	77.00	--	<48	--	--	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--
MW-8	2/1/2007	101.14	23.48	77.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	5/8/2007	101.14	24.23	76.91	--						Insufficient water to collect sample							
MW-8	8/1/2007	101.14	23.78	77.36	--						Insufficient water to collect sample							
MW-8	11/5/2007	101.14	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 2

Groundwater Monitoring Data and Analytical Results
76 Products Facility No. 351385
6 North 5th Street
Wenatchee, Washington

Well ID	Sample Date	TOC Elevation	Depth to Water	Groundwater Elevation	EPA Method 418.1	TPH-G	TPH-D	TPH-O	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Total Lead	Dissolved Lead	Ethanol
			MTCA Method A Cleanup Levels:		--	800		500	5	1,000	700	1,000	20	0.01	5	15	15	NE
		(feet)	*(feet)*	*(feet)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*
MW-1	12/05/89	--	24.33	--	2,000	--	--	--	4.7	1.5	31	21	--	--	--	--	--	--
MW-1	07/17/90	--	--	--	--	--	--	--	3.4	1.8	37	5.9						
MW-2	12/05/89	--	24.52	--	1,600	--	--	--	**620**	65	72	870	--	--	--	--	--	--
MW-2	07/17/90	--	--	--	--	--	--	--	**590**	81	320	1,400	--	--	--	--	--	--
MW-3	12/05/89	98.68	23.34	75.34	600	--	--	--	2.6	58	ND	1.8	--	--	--	--	--	--
MW-8	3/19/2008	101.14	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	5/6/2008	101.14	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	8/14/2008	101.14	22.50	78.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	11/12/2008	101.14	23.70	77.44	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 2

Groundwater Monitoring Data and Analytical Results
76 Products Facility No. 351385
6 North 5th Street
Wenatchee, Washington

Well ID	Sample Date	TOC Elevation	Depth to Water	Groundwater Elevation	EPA Method 418.1	TPH-G	TPH-D	TPH-O	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Total Lead	Dissolved Lead	Ethanol
			MTCA Method A Cleanup Levels:		--	800		500	5	1,000	700	1,000	20	0.01	5	15	15	NE
		(feet)	*(feet)*	*(feet)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*
MW-1	12/05/89	--	24.33	--	2,000	--	--	--	4.7	1.5	31	21	--	--	--	--	--	--
MW-1	07/17/90	--	--	--	--	--	--	--	3.4	1.8	37	5.9						
MW-2	12/05/89	--	24.52	--	1,600	--	--	--	**620**	65	72	870	--	--	--	--	--	--
MW-2	07/17/90	--	--	--	--	--	--	--	**590**	81	320	1,400	--	--	--	--	--	--
MW-3	12/05/89	98.68	23.34	75.34	600	--	--	--	2.6	58	ND	1.8	--	--	--	--	--	--
MW-8	4/6/2009	101.14	23.88	77.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	6/22/2009	101.14	23.35	77.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	9/22/2009	101.14	23.08	78.06	--	**4,780**	259	<388	**270**	11.4	208	426	<1.0	<0.010	<1.0	0.33	0.14	--
MW-8	12/3/2009	101.14	23.98	77.16	--	422	--	--	**19.0**	1.0	21.8	45.8	--	--	--	--	--	--
MW-8	3/4/2010	101.14	23.44	77.70	--	688	414	<385	**30.3**	1.3	22.4	70.6	--	--	--	--	--	--
MW-8	6/16/2010	101.14	23.01	78.13	--	99.2	261	<392	**14.8**	<1.0	1.0	<3.0	--	--	--	--	--	--
MW-8	9/9/2010	101.14	22.77	78.37	--	55.8	<79.2	<396	1.6	<1.0	<1.0	<3.0	<1.0	--	--	--	--	--
MW-8	12/13/2010	101.14	24.10	77.04	--						Insufficient water to collect sample							
MW-8	3/23/2011	101.14	23.82	77.32	--	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
MW-8	5/12/2011	101.14	23.65	77.49	--	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
MW-8	9/15/2011	101.14	22.42	78.72	--	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-8	12/27/2011	101.14	24.21	76.93	--	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-8	3/28/2012	101.14	23.97	77.17	--	<50	<29	<69	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-8	6/28/2012	101.14	23.08	78.06	--	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-8	9/5/2012	101.14	21.52	79.62	--	<50	<29	<69	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-8	11/26/2012	101.14	23.52	77.62	--	<50	<30	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-8	3/21/2013	101.14	23.63	77.51	--	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-8	6/12/2013	101.14	22.50	78.64	--	<50	43	<69	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-8	9/26/2013	650.79	22.55	628.24	--	<50	89	160	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-8	12/13/2013	650.79	23.21	627.58	--	<50	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-8	3/24/2014	650.79	22.59	628.20	--	<50	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-8	6/24/2014	650.79	23.60	627.19	--	<50	46	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-8	9/25/2014	650.79	23.31	627.48	--	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-8	12/1/2014	650.79	24.73	626.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	2/24/2015	650.79	24.71	626.08	--						Insufficient water to collect sample							
MW-8	6/1/2015	650.79	24.70	626.09	--						Insufficient water to collect sample							
MW-8	9/14/2015	650.79	24.71	626.08	--						Insufficient water to collect sample							
MW-8	11/23/2015	650.79	24.78	626.01	--						Insufficient water to collect sample							
MW-8	10/12/2017	650.79	23.31	627.48	--	<100	<400	<400	<1.0	<1.0	<4.0	<3.0	--	--	--	--	--	--
MW-8	12/21/2018	650.79	24.03	626.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	3/7/2019	650.79	24.30	626.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	6/27/2019	650.79	22.45	628.34	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8	9/11/2019	650.79	22.70	628.09	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 2

Groundwater Monitoring Data and Analytical Results
76 Products Facility No. 351385
6 North 5th Street
Wenatchee, Washington

Well ID	Sample Date	TOC Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	EPA Method 418.1 (ug/L)	TPH-G (ug/L)	TPH-D (ug/L)	TPH-O (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	MTBE (ug/L)	EDB (ug/L)	EDC (ug/L)	Total Lead (ug/L)	Dissolved Lead (ug/L)	Ethanol (ug/L)
			MTCA Method A Cleanup Levels:		--	800		500	5	1,000	700	1,000	20	0.01	5	15	15	NE
MW-1	12/05/89	--	24.33	--	2,000	--	--	--	4.7	1.5	31	21	--	--	--	--	--	--
MW-1	07/17/90	--	--	--	--	--	--	--	3.4	1.8	37	5.9						
MW-2	12/05/89	--	24.52	--	1,600	--	--	--	**620**	65	72	870	--	--	--	--	--	--
MW-2	07/17/90	--	--	--	--	--	--	--	**590**	81	320	1,400	--	--	--	--	--	--
MW-3	12/05/89	98.68	23.34	75.34	600	--	--	--	2.6	58	ND	1.8	--	--	--	--	--	--
MW-9	11/7/1990	102.15	--	--	<1,000	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
MW-9	4/10/1991	102.15	--	--	<100	<100	<100	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
MW-9	11/21/1991	102.15	24.89	77.26	<100	<100	<100	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
MW-9	5/22/1992	102.15	24.86	77.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	8/20/1992	102.15	22.8	79.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	11/24/1992	102.15	24.94	77.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	2/24/1993	102.15	23.85	78.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/24/1993	102.15	24.54	77.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	3/27/2001	102.15	26.05	76.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/11/2001	102.15	24.64	77.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	3/21/2002	101.89	25.52	76.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	6/28/2002	101.89	25.19	76.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/24/2002	101.89	24.17	77.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	12/9/2002	101.89	25.66	76.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	3/10/2003	101.89	25.41	76.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	6/3/2003	101.89	25.04	76.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/15/2003	101.89	25.38	76.51	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	12/9/2003	101.89	25.73	76.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	3/11/2004	101.89	25.30	76.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	6/9/2004	101.89	25.51	76.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/9/2004	101.89	24.63	77.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	12/20/2004	101.89	26.04	75.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	4/4/2005	101.89	26.21	75.68	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	6/15/2005	101.89	25.51	76.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/14/2005	101.89	24.41	77.48	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	11/22/2005	101.89	25.67	76.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	2/10/2006	101.89	24.58	77.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/23/2006	101.89	25.40	76.49	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	8/3/2006	101.89	23.91	77.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	11/1/2006	102.30	25.34	76.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	2/1/2007	102.30	24.63	77.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/8/2007	102.30	25.37	76.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	8/1/2007	102.30	24.91	77.39	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	11/5/2007	102.30	25.65	76.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	3/19/2008	102.30	25.93	76.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/6/2008	102.30	26.17	76.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	8/14/2008	102.30	23.60	78.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	11/12/2008	102.30	23.90	78.40	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	4/6/2009	102.30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	6/22/2009	102.30	24.40	77.90	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/22/2009	102.30	24.06	78.24	--	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	<1.0	<0.010	<1.0	0.38	0.15	--
MW-9	12/3/2009	102.30	25.25	77.05	--	<50.0	<77	<380	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
MW-9	3/4/2010	102.30	24.55	77.75	--	<50.0	<76.9	<385	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
MW-9	6/16/2010	102.30	24.11	78.19	--	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
MW-9	9/9/2010	102.30	23.82	78.48	--	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	--	--	--
MW-9	12/13/2010	102.30	25.29	77.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	3/23/2011	102.30	24.83	77.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	5/12/2011	102.30	24.70	77.60	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 2

Groundwater Monitoring Data and Analytical Results
76 Products Facility No. 351385
6 North 5th Street
Wenatchee, Washington

Well ID	Sample Date	TOC Elevation	Depth to Water	Groundwater Elevation	EPA Method 418.1	TPH-G	TPH-D	TPH-O	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Total Lead	Dissolved Lead	Ethanol
			MTCA Method A Cleanup Levels:		--	800		500	5	1,000	700	1,000	20	0.01	5	15	15	NE
		(feet)	*(feet)*	*(feet)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*
MW-1	12/05/89	--	24.33	--	2,000	--	--	--	4.7	1.5	31	21	--	--	--	--	--	--
MW-1	07/17/90	--	--	--	--	--	--	--	3.4	1.8	37	5.9						
MW-2	12/05/89	--	24.52	--	1,600	--	--	--	**620**	65	72	870	--	--	--	--	--	--
MW-2	07/17/90	--	--	--	--	--	--	--	**590**	81	320	1,400	--	--	--	--	--	--
MW-3	12/05/89	98.68	23.34	75.34	600	--	--	--	2.6	58	ND	1.8	--	--	--	--	--	--
MW-9	9/15/2011	102.30	23.56	78.74	--	<50	<29	<68	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-9	12/27/2011	102.30	25.70	76.60	--	<50	<30	<69	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-9	3/28/2012	102.30	24.42	77.88	--	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-9	6/28/2012	102.30	24.26	78.04	--	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-9	9/5/2012	102.30	22.78	79.52	--	<50	<30	<69	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-9	11/26/2012	102.30	24.97	77.33	--	<50	<30	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-9	3/21/2013	102.30	25.31	76.99	--	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-9	6/12/2013	102.30	23.80	78.50	--	<50	30	<68	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-9	9/26/2013	651.96	23.73	628.23	--	<50	<31	<72	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-9	12/13/2013	651.96	25.81	626.15	--	<50	<31	<73	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-9	3/24/2014	651.96	24.97	626.99	--	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-9	6/24/2014	651.96	24.88	627.08	--	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-9	9/25/2014	651.96	24.63	627.33	--	<50	<28	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-9	12/1/2014	651.96	25.09	626.87	--	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-9	2/25/2015	651.96	24.81	627.15	--	<50	83	270	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-9	6/1/2015	651.96	24.77	627.19	--	<50	<28	<65	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-9	9/14/2015	651.96	24.06	627.90	--	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-9	11/23/2015	651.96	24.62	627.34	--	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-9	10/13/2017	651.96	24.46	627.50	--	<100	<400	<400	<1.0	<1.0	<4.0	<3.0	--	--	--	--	--	--
MW-9	12/21/2018	651.96	25.21	626.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	3/7/2019	651.96	25.51	626.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	6/27/2019	651.96	23.53	628.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9	9/11/2019	651.96	23.85	628.11	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	11/7/1990	101.79	--	--	<1,000	--	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
MW-10	4/10/1991	101.79	--	--	<100	<100	<100	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
MW-10	11/21/1991	101.79	24.21	77.58	--	<100	<100	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
MW-10	5/22/1992	101.79	24.12	77.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	8/20/1992	101.79	21.89	79.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	11/24/1992	101.79	24.25	77.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	2/24/1993	101.79	22.07	79.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	5/24/1993	101.79	23.82	77.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	3/27/2001	101.79	25.32	76.47	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	9/11/2001	101.79	23.92	77.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	3/21/2002	101.42	24.77	76.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	6/28/2002	101.42	24.51	76.91	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	9/24/2002	101.42	23.35	78.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	12/9/2002	101.42	24.83	76.59	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	3/10/2003	101.42	24.70	76.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	6/3/2003	101.42	24.07	77.35	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	9/15/2003	101.42	24.68	76.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	12/9/2003	101.42	24.90	76.52	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	3/11/2004	101.42	24.38	77.04	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	6/9/2004	101.42	24.68	76.74	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	9/9/2004	101.42	23.85	77.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	12/20/2004	101.42	25.14	76.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	4/4/2005	101.42	25.30	76.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	6/15/2005	101.42	24.61	76.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	9/14/2005	101.42	23.55	77.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 2

Groundwater Monitoring Data and Analytical Results
76 Products Facility No. 351385
6 North 5th Street
Wenatchee, Washington

Well ID	Sample Date	TOC Elevation	Depth to Water	Groundwater Elevation	EPA Method 418.1	TPH-G	TPH-D	TPH-O	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Total Lead	Dissolved Lead	Ethanol
			MTCA Method A Cleanup Levels:		--	800		500	5	1,000	700	1,000	20	0.01	5	15	15	NE
		(feet)	(feet)	(feet)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-1	12/05/89	--	24.33	--	2,000	--	--	--	4.7	1.5	31	21	--	--	--	--	--	--
MW-1	07/17/90	--	--	--	--	--	--	--	3.4	1.8	37	5.9						
MW-2	12/05/89	--	24.52	--	1,600	--	--	--	**620**	65	72	870	--	--	--	--	--	--
MW-2	07/17/90	--	--	--	--	--	--	--	**590**	81	320	1,400	--	--	--	--	--	--
MW-3	12/05/89	98.68	23.34	75.34	600	--	--	--	2.6	58	ND	1.8	--	--	--	--	--	--
MW-10	11/22/2005	101.42	24.90	76.52	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	2/10/2006	101.42	23.77	77.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	5/23/2006	101.42	24.49	76.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	8/3/2006	101.42	23.04	78.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	11/1/2006	101.81	24.58	77.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	2/1/2007	101.81	23.82	77.99	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	5/8/2007	101.81	24.58	77.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	8/1/2007	101.81	24.01	77.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	11/5/2007	101.81	24.81	77.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	3/19/2008	101.81	24.15	77.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	5/6/2008	101.81	24.36	77.45	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	8/14/2008	101.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	11/12/2008	101.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	4/6/2009	101.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	6/22/2009	101.81	23.45	78.36	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	9/22/2009	101.81	23.13	78.68	--	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	<1.0	<0.010	<1.0	0.92	0.14	--
MW-10	12/3/2009	101.81	24.40	77.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	3/4/2010	101.81	23.54	78.27	--	136	143	<385	**5.7**	<1.0	<1.0	15.2	--	--	--	--	--	--
MW-10	6/16/2010	101.81	23.13	78.68	--	262	217	<388	**21.0**	<1.0	5.5	13.0	--	--	--	--	--	--
MW-10	9/9/2010	101.81	22.90	78.91	--	63.8	<81.6	<408	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	--	--	--
MW-10	12/13/2010	101.81	24.45	77.36	--	97.9	<78.4	<392	1.7	<1.0	1.9	8.0	<1.0	--	--	--	--	--
MW-10	3/23/2011	101.81	23.92	77.89	--	<50.0	78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
MW-10	5/12/2011	101.81	23.90	77.91	--	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
MW-10	9/15/2011	101.81	22.58	79.23	--	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-10	12/27/2011	101.81	24.82	76.99	--	<50	<30	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-10	3/28/2012	101.81	24.50	77.31	--	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-10	6/28/2012	101.81	23.32	78.49	--	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-10	9/5/2012	101.81	21.75	80.06	--	<50	<31	<73	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-10	11/26/2012	101.81	24.12	77.69	--	<50	<30	<71	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-10	3/21/2013	101.81	24.41	77.40	--	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-10	6/12/2013	101.81	23.55	78.26	--	<50	89	<69	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-10	9/26/2013	651.48	22.90	628.58	--	<50	41	<73	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-10	12/13/2013	651.48	24.97	626.51	--	<50	<33	<76	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-10	3/25/2014	651.48	24.49	626.99	--	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-10	6/24/2014	651.48	23.91	627.57	--	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-10	9/25/2014	651.48	23.78	627.70	--	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-10	12/1/2014	651.48	24.15	627.33	--	<50	<28	<65	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-10	2/25/2015	651.48	23.89	627.59	--	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-10	6/1/2015	651.48	23.95	627.53	--	<50	<28	<65	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-10	9/14/2015	651.48	23.21	628.27	--	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-10	11/23/2015	651.48	23.90	627.58	--	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-10	10/12/2017	651.48	23.71	627.77	--	<100	<410	<410	<1.0	<1.0	<4.0	<3.0	--	--	--	--	--	--
MW-10	12/21/2018	651.48	24.38	627.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	3/7/2019	651.48	24.63	626.85	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	6/27/2019	651.48	22.50	628.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10	9/11/2019	651.48	22.90	628.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	11/8/1990	98.39	--	--	<1,000	--	--	--	**26**	4.8	60	100	--	--	--	--	--	--
MW-11	4/11/1991	98.39	20.37	78.02	<100	<100	<100	--	0.70	<0.5	0.90	<0.5	--	--	--	--	--	<5

Table 2

Groundwater Monitoring Data and Analytical Results
76 Products Facility No. 351385
6 North 5th Street
Wenatchee, Washington

Well ID	Sample Date	TOC Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	EPA Method 418.1 (ug/L)	TPH-G (ug/L)	TPH-D (ug/L)	TPH-O (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	MTBE (ug/L)	EDB (ug/L)	EDC (ug/L)	Total Lead (ug/L)	Dissolved Lead (ug/L)	Ethanol (ug/L)
			MTCA Method A Cleanup Levels:		--	800		500	5	1,000	700	1,000	20	0.01	5	15	15	NE
MW-1	12/05/89	--	24.33	--	2,000	--	--	--	4.7	1.5	31	21	--	--	--	--	--	--
MW-1	07/17/90	--	--	--	--	--	--	--	3.4	1.8	37	5.9						
MW-2	12/05/89	--	24.52	--	1,600	--	--	--	**620**	65	72	870	--	--	--	--	--	--
MW-2	07/17/90	--	--	--	--	--	--	--	**590**	81	320	1,400	--	--	--	--	--	--
MW-3	12/05/89	98.68	23.34	75.34	600	--	--	--	2.6	58	ND	1.8	--	--	--	--	--	--
MW-11	11/21/1991	98.39	20.77	77.62	--	<100	<100	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
MW-11	5/22/1992	98.39	20.36	78.03	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	8/20/1992	98.39	18.51	79.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	11/24/1992	98.39	20.27	78.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	2/24/1993	98.39	19.69	78.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	5/24/1993	98.39	20.10	78.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	3/27/2001	98.39	20.22	78.17	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	9/11/2001	98.39	19.85	78.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	3/21/2002	97.93	19.70	78.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	6/28/2002	97.93	19.98	77.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	9/24/2002	97.93	19.38	78.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	12/9/2002	97.93	19.62	78.31	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	3/10/2003	97.93	20.29	77.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	6/3/2003	97.93	19.50	78.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	9/15/2003	97.93	20.26	77.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	12/9/2003	97.93	19.60	78.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	3/11/2004	97.93	19.20	78.73	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	6/9/2004	97.93	19.64	78.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	9/9/2004	97.93							Inaccessible - car parked over well									
MW-11	12/20/2004	97.93	19.81	78.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	4/4/2005	97.93	19.85	78.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	6/15/2005	97.93	19.60	78.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	9/14/2005	97.93	19.52	78.41	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	11/22/2005	97.93	19.69	78.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	2/10/2006	97.93	19.77	78.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	5/23/2006	97.93	19.67	78.26	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	8/3/2006	97.93	19.36	78.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	11/1/2006	98.53	19.73	78.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	2/1/2007	98.53	19.53	79.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	5/8/2007	98.53	19.63	78.90	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	8/1/2007	98.53	20.21	78.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	11/5/2007	98.53	19.71	78.82	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	3/19/2008	98.53	19.82	78.71	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	5/6/2008	98.53	20.00	78.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	8/14/2008	98.53	19.10	79.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	11/12/2008	98.53	19.60	78.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	4/6/2009	98.53	19.52	79.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	6/22/2009	98.53	19.30	79.23	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	9/22/2009	98.53	19.33	79.20	--	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	<1.0	<0.012	<1.0	1.7	0.088 J	--
MW-11	12/3/2009	98.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	3/4/2010	98.53	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-11	6/16/2010	98.53	19.25	79.28	--	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
MW-11	9/9/2010	98.53	19.27	79.26	--	<50.0	<79.2	<396	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	--	--	--
MW-11	12/13/2010	98.53	19.62	78.91	--	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	--	--	--
MW-11	3/23/2011	98.53	19.53	79.00	--						Not sampled this quarter							
MW-11	5/12/2011	98.53	19.50	79.03	--						Not sampled this quarter							
MW-11	9/15/2011	98.53	19.11	79.42	--	<50	<29	<68	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-11	12/27/2011	98.53	19.74	78.79	--	<50	<30	<69	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-11	3/28/2012	98.53	19.41	79.12	--	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50

Table 2

Groundwater Monitoring Data and Analytical Results
76 Products Facility No. 351385
6 North 5th Street
Wenatchee, Washington

Well ID	Sample Date	TOC Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	EPA Method 418.1 (ug/L)	TPH-G (ug/L)	TPH-D (ug/L)	TPH-O (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	MTBE (ug/L)	EDB (ug/L)	EDC (ug/L)	Total Lead (ug/L)	Dissolved Lead (ug/L)	Ethanol (ug/L)
			MTCA Method A Cleanup Levels:		--	**800**	**500**		**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**15**	**15**	**NE**
MW-1	12/05/89	--	24.33	--	2,000	--	--	--	4.7	1.5	31	21	--	--	--	--	--	--
MW-1	07/17/90	--	--	--	--	--	--	--	3.4	1.8	37	5.9						
MW-2	12/05/89	--	24.52	--	1,600	--	--	--	**620**	65	72	870	--	--	--	--	--	--
MW-2	07/17/90	--	--	--	--	--	--	--	**590**	81	320	1,400	--	--	--	--	--	--
MW-3	12/05/89	98.68	23.34	75.34	600	--	--	--	2.6	58	ND	1.8	--	--	--	--	--	--
MW-11	6/28/2012	98.53	19.02	79.51	--	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-11	9/5/2012	98.53	18.08	80.45	--	<50	<29	<68	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-11	11/26/2012	98.53	19.20	79.33	--	<50	<31	170	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-11	3/21/2013	98.53	19.36	79.17	--	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-11	6/12/2013	98.53	18.83	79.70	--	<50	30	140	**7**	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-11	9/26/2013	648.20	19.00	629.20	--	<50	140	**600**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-11	12/13/2013	648.20	19.91	628.29	--	<50	<30	170	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-11	3/25/2014	648.20	18.51	629.69	--	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-11	6/24/2014	648.20	19.51	628.69	--	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-11	9/25/2014	648.20	19.51	628.69	--	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-11	12/1/2014	648.20							Inaccessible - Compact snow/ice									
MW-11	2/25/2015	648.20	19.58	628.62	--	<50	**1,000**	**6,300**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-11	6/1/2015	648.20	19.49	628.71	--	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-11	9/14/2015	648.20	19.41	628.79	--	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-11	11/23/2015	648.20	19.55	628.65	--	<50	<28	120	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-11	10/12/2017	648.20	19.61	628.59	--	<100	<410	<410	<1.0	<1.0	<4.0	<3.0	--	--	--	--	--	--
MW-12	11/8/1990	--	--	--	<1,000	--	--	--	<0.5	<0.5	<0.5	0.70	--	--	--	--	--	--
MW-12	4/11/1991	--	--	--	<100	<100	<100	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
MW-12	11/21/1991	100.91	23.07	77.84	--	<100	<100	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
MW-12	5/22/1992	100.91	22.95	77.96	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	8/20/1992	100.91	20.7	80.21	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	11/24/1992	100.91	23.1	77.81	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	2/24/1993	100.91	21.94	78.97	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	5/24/1993	100.91	22.67	78.24	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	3/27/2001	100.91	23.62	77.29	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	9/11/2001	100.91							Inaccessible - car parked over well									
MW-12	3/21/2002	100.91							Inaccessible - car parked over well									
MW-12	6/28/2002	100.47	23.35	77.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	9/24/2002	100.47							Inaccessible - car parked over well									
MW-12	12/9/2002	100.47	23.14	77.33	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	3/10/2003	100.47	23.49	76.98	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	6/3/2003	100.47	22.71	77.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	9/15/2003	100.47	23.45	77.02	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	12/9/2003	100.47							Inaccessible - car parked over well									
MW-12	3/11/2004	100.47							Inaccessible - car parked over well									
MW-12	6/9/2004	100.47							Not accessible - lid could not be removed									
MW-12	9/9/2004	100.47							Inaccessible - car parked over well									
MW-12	12/20/2004	100.47							Inaccessible - car parked over well									
MW-12	4/4/2005	100.47	23.33	77.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	6/15/2005	100.47	23.15	77.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	9/14/2005	100.47	22.33	78.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	11/22/2005	100.47	23.20	77.27	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	2/10/2006	100.47	22.58	77.89	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	5/23/2006	100.47	23.10	77.37	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	8/3/2006	100.47	21.85	78.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	11/1/2006	100.86	23.14	77.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	2/1/2007	100.86	22.64	78.22	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	5/8/2007	100.86	23.08	77.78	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 2

Groundwater Monitoring Data and Analytical Results
76 Products Facility No. 351385
6 North 5th Street
Wenatchee, Washington

Well ID	Sample Date	TOC Elevation	Depth to Water	Groundwater Elevation	EPA Method 418.1	TPH-G	TPH-D	TPH-O	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Total Lead	Dissolved Lead	Ethanol
			MTCA Method A Cleanup Levels:		--	800		500	5	1,000	700	1,000	20	0.01	5	15	15	NE
		(feet)	(feet)	(feet)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-1	12/05/89	--	24.33	--	2,000	--	--	--	4.7	1.5	31	21	--	--	--	--	--	--
MW-1	07/17/90	--	--	--	--	--	--	--	3.4	1.8	37	5.9						
MW-2	12/05/89	--	24.52	--	1,600	--	--	--	**620**	65	72	870	--	--	--	--	--	--
MW-2	07/17/90	--	--	--	--	--	--	--	**590**	81	320	1,400	--	--	--	--	--	--
MW-3	12/05/89	98.68	23.34	75.34	600	--	--	--	2.6	58	ND	1.8	--	--	--	--	--	--
MW-12	8/1/2007	100.86	22.81	78.05	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	11/5/2007	100.86	23.20	77.66	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	3/19/2008	100.86	22.31	78.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	5/6/2008	100.86	23.03	77.83	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	8/14/2008	100.86	21.30	79.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	11/12/2008	100.86	22.80	78.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	4/6/2009	100.86	22.98	77.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	6/22/2009	100.86	22.29	78.57	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	9/22/2009	100.86	21.96	78.90	--	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	<1.0	<0.011	<1.0	0.94	0.12	--
MW-12	12/3/2009	100.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	3/4/2010	100.86	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-12	6/16/2010	100.86	21.94	78.92	--	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
MW-12	9/9/2010	100.86	21.72	79.14	--	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	--	--	--
MW-12	12/13/2010	100.86	22.24	78.62	--						Not sampled this quarter							
MW-12	3/23/2011	100.86	22.69	78.17	--	<50.0	83.5	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
MW-12	5/12/2011	100.86	22.71	78.15	--	<50.0	147.0	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
MW-12	9/15/2011	100.86	21.41	79.45	--	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-12	12/27/2011	100.86	23.18	77.68	--	<50	<30	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-12	3/28/2012	100.86	23.04	77.82	--	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-12	6/28/2012	100.86	22.15	78.71	--	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-12	9/5/2012	100.86	20.60	80.26	--	<50	<30	<71	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-12	11/26/2012	100.86	22.98	77.88	--	<50	<30	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-12	3/21/2013	100.86	23.02	77.84	--	<50	69	500	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-12	6/12/2013	100.86	21.55	79.31	--	<50	44	230	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-12	9/26/2013	650.53	21.70	628.83	--	<50	42	<72	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-12	12/13/2013	650.53	23.70	626.83	--	<50	<36	200	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-12	3/25/2014	650.53	20.97	629.56	--	<50	110	**980**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-12	6/24/2014	650.53	22.76	627.77	--	<50	140	350	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-12	9/25/2014	650.53	22.60	627.93	--	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-12	12/1/2014	650.53									Inaccessible - Compact snow/ice							
MW-12	2/25/2015	650.53	22.81	627.72	--	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-12	6/1/2015	650.53	22.81	627.72	--	<50	<28	<65	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-12	9/14/2015	650.53	22.08	628.45	--	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-12	11/23/2015	650.53	22.72	627.81	--	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-12	10/12/2017	650.53	22.52	628.01	--	<100	<490	<490	<1.0	<1.0	<4.0	<3.0	--	--	--	--	--	--
MW-13	11/8/1990	--	--	--	1,000	--	--	--	**280**	80	220	**2,500**	--	--	--	--	--	--
MW-13	4/11/1991	--	--	--	100	100	<100	--	**460**	<50	200	180	--	--	--	**22**	--	--
MW-13	8/28/1991	100.31	23.18	77.13	--	**1,200**	**700**	--	**290**	52	270	**1,300**	--	--	--	**24**	--	--
MW-13	11/21/1991	100.31	24.27	76.04	--	700	**600**	--	**220**	23	88	820	--	--	--	**16**	--	--
MW-13	2/19/1992	100.31	24.53	75.78	--	**10,000**	**900**	--	**330**	34	58	920	--	--	--	8.7	--	--
MW-13	5/22/1992	100.31	24.27	76.04	--	**500**	**700**	--	**220**	20	38	640	--	--	--	**18**	--	--
MW-13	8/20/1992	100.31	22.9	77.41	--	**500**	**800**	--	**110**	39	140	780	--	--	--	--	--	--
MW-13	11/25/1992	100.31	24.36	75.95	--	700	**800**	--	**180**	18	79	370	--	--	--	--	--	--
MW-13	2/24/1993	100.31	22.89	77.42	--	**1,700**	**1,600**	--	**360**	50	170	890	--	--	--	--	--	--
MW-13	5/25/1993	100.31	24.1	76.21	--	**850**	**930**	--	**390**	59	160	**1,100**	--	--	--	--	--	--
MW-13	3/27/2001	100.31	25.57	74.74	--	94.3	<250	--	1.65	<0.500	1.35	1.55	--	--	--	--	--	--
MW-13	9/11/2001	100.31	24.43	75.88	--	84.3	<250	--	2.59	<0.500	<0.500	1.04	--	--	--	--	--	--
MW-13	3/21/2002	100.31	24.61	75.70	--	**929**	**1,290**	<500	**12.8**	<2.00	5.92	5.81	--	--	--	--	--	--

Table 2

Groundwater Monitoring Data and Analytical Results
76 Products Facility No. 351385
6 North 5th Street
Wenatchee, Washington

Well ID	Sample Date	TOC Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	EPA Method 418.1 (ug/L)	TPH-G (ug/L)	TPH-D (ug/L)	TPH-O (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	MTBE (ug/L)	EDB (ug/L)	EDC (ug/L)	Total Lead (ug/L)	Dissolved Lead (ug/L)	Ethanol (ug/L)
			MTCA Method A Cleanup Levels:		--	800	500		5	1,000	700	1,000	20	0.01	5	15	15	NE
MW-1	12/05/89	--	24.33	--	2,000	--	--	--	4.7	1.5	31	21	--	--	--	--	--	--
MW-1	07/17/90	--	--	--	--	--	--	--	3.4	1.8	37	5.9						
MW-2	12/05/89	--	24.52	--	1,600	--	--	--	**620**	65	72	870	--	--	--	--	--	--
MW-2	07/17/90	--	--	--	--	--	--	--	**590**	81	320	1,400	--	--	--	--	--	--
MW-3	12/05/89	98.68	23.34	75.34	600	--	--	--	2.6	58	ND	1.8	--	--	--	--	--	--
MW-13	6/28/2002	100.31	24.34	75.97	--	**1,420**	**1,420**	--	**20.8**	1.40	9.97	10.6	--	--	--	--	--	--
MW-13	9/24/2002	100.31	23.67	76.64	--	**901**	<250	--	**57.3**	1.84	4.50	11.5	--	--	--	--	--	--
MW-13	12/9/2002	100.31	24.29	76.02	--	**2,180**	<250	--	**57.1**	3.79	121	17.6	--	--	--	--	--	--
MW-13	3/10/2003	100.01	24.49	75.52	--	**2,010**	**6,160**	--	**138**	9.05	200	78.4	--	--	--	--	--	--
MW-13	6/3/2003	100.01	24.02	75.99	--	752	**7,760**	--	**22.3**	1.77	23.9	8.01	--	--	--	--	--	--
MW-13	9/15/2003	100.01	24.30	75.71	--	678	268	--	**44.2**	0.919	8.06	5.32	--	--	--	--	--	--
MW-13	12/9/2003	100.01	24.45	75.56	--	**2,910**	**4,300**	<728	**65.2**	5.19	141	50.5	--	--	--	--	--	--
MW-13	3/11/2004	100.01	23.51	76.50	--	**1,010**	**1,510**	**873**	**15.7**	<1	2.0	<2	--	--	--	--	--	--
MW-13	6/9/2004	100.01	24.19	75.82	--	613	**2,460**	**3,040**	**13.4**	2.38	8.31	3.45	--	--	--	--	--	--
MW-13	9/9/2004	100.01	23.80	76.21	--	608	**1,000**	<513	**5.39**	<1	<1	<2	--	--	--	--	--	--
MW-13	12/20/2004	100.01	24.48	75.53	--	618	**2,980**	**4,700**	**5.06**	2.78	4.94	4.74	--	--	--	--	--	--
MW-13	4/4/2005	100.01	24.70	75.31	--	466	358	<510	3.92	<1	7.22	3.52	--	--	--	--	--	--
MW-13	6/15/2005	100.01	24.20	75.81	--	**1,350**	**2,190**	**876**	**5.33**	1.0	5.99	6.69	--	--	--	--	--	--
MW-13	9/14/2005	100.01	23.90	76.11	--	480	**3,200**	--	3.0	<0.7	3.0	1.0	--	--	--	--	--	--
MW-13	11/22/2005	100.01	24.31	75.70	--	300	**7,600**	**7,700**	0.6	0.8	<0.8	<0.8	--	--	--	--	--	--
MW-13	2/10/2006	100.01	23.82	76.19	--	610	**3,000**	<960	2.0	<0.7	1.0	1.0	--	--	--	--	--	--
MW-13	5/23/2006	100.01	24.20	75.81	--	630	**4,000**	**2,200**	1.0	<0.7	<0.8	<0.8	--	--	--	--	--	--
MW-13	8/3/2006	100.01	24.65	75.36	--	480	**3,500**	**3,500**	1.0	<0.7	<0.8	<0.8	--	--	--	--	--	--
MW-13	11/1/2006	100.38	24.23	76.15	--	710	**4,700**	**2,700**	3.0	<0.7	1.0	2.0	--	--	--	--	--	--
MW-13	2/1/2007	100.38	23.80	76.58	--	--	**4,200**	**1,600**	--	--	--	--	--	--	--	--	--	--
MW-13	5/8/2007	100.38	23.94	76.44	--	--	**1,700**	**620**	--	--	--	--	--	--	--	--	--	--
MW-13	8/1/2007	100.38	24.43	75.95	--	--	**1,500**	370	--	--	--	--	--	--	--	--	--	--
MW-13	11/5/2007	100.38	23.85	76.53	--	360	200	<97	<3	<4	<4	<4	--	--	--	--	--	--
MW-13	3/19/2008	100.38	23.13	77.25	--	68	280	110	2	<0.7	<0.8	<0.8	--	--	--	--	--	--
MW-13	5/6/2008	100.38	20.00	80.38	--	<500	100	<96	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--
MW-13	8/14/2008	100.38	23.60	76.78	--	<50	**1,500**	120	4	<0.7	<0.8	<0.8	--	--	--	--	--	--
MW-13	11/12/2008	100.38	24.00	76.38	--	470	**1,600**	**770**	**17**	1	4	13[d]	--	--	--	--	--	--
MW-13	4/6/2009	100.38	24.20	76.18	--	123	63	<64	6.9	<0.21	2.5	1.9	--	--	--	--	--	--
MW-13	6/22/2009	100.38	23.98	76.40	--	62.7	910	270 J	<0.12	<0.21	<0.20	<0.15	--	--	--	--	--	--
MW-13	9/23/2009	100.38	23.75	76.63	--	52.7	**1,350**	**584**	<1.0	<1.0	<1.0	<3.0	<1.0	<0.011	<1.0	0.65	0.14	--
MW-13	12/3/2009	100.38	23.72	76.66	--	<50.0	340	<390	1.1	<1.0	<1.0	<3.0	--	--	--	--	--	--
MW-13	3/4/2010	100.38	24.00	76.38	--	<50.0	**1,170**	**1,020**	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
MW-13	6/16/2010	100.38	23.92	76.46	--	<50.0	**1,280**	**891**	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
MW-13	9/9/2010	100.38	23.56	76.82	--	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	--	--	--
MW-13	12/13/2010	100.38	24.80	75.58	--	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	--	--	--
MW-13	3/23/2011	100.38	24.11	76.27	--	<50.0	109	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
MW-13	5/12/2011	100.38	24.00	76.38	--	<50.0	<75.5	<377	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
MW-13	9/15/2011	100.38	23.29	77.09	--	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-13	12/27/2011	100.38	24.31	76.07	--	<50	**660**	81	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-13	3/28/2012	100.38	24.12	76.26	--	<50	**880**	120	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-13	6/28/2012	100.38	23.47	76.91	--	<50	300	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-13	9/5/2012	100.38	22.46	77.92	--	<50	180	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-13	11/26/2012	100.38	23.58	76.80	--	<50	260	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-13	3/21/2013	100.38	23.81	76.57	--	<50	**720**	190	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-13	6/12/2013	100.38	22.63	77.75	--	<50	330	170	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-13	9/26/2013	650.04	23.10	626.94	--	<50	240	150	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-13	12/13/2013	650.04	24.90	625.14	--	<50	300	<80	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-13	3/25/2014	650.04	24.83	625.21	--	<50	**1,400**	330	0.6	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-13	6/24/2014	650.04	23.98	626.06	--	<50	**760**	<90	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50

Table 2

Groundwater Monitoring Data and Analytical Results
76 Products Facility No. 351385
6 North 5th Street
Wenatchee, Washington

Well ID	Sample Date	TOC Elevation	Depth to Water	Groundwater Elevation	EPA Method 418.1	TPH-G	TPH-D	TPH-O	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Total Lead	Dissolved Lead	Ethanol
			MTCA Method A Cleanup Levels:		--	800		500	5	1,000	700	1,000	20	0.01	5	15	15	NE
		(feet)	*(feet)*	*(feet)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*
MW-1	12/05/89	--	24.33	--	2,000	--	--	--	4.7	1.5	31	21	--	--	--	--	--	--
MW-1	07/17/90	--	--	--	--	--	--	--	3.4	1.8	37	5.9						
MW-2	12/05/89	--	24.52	--	1,600	--	--	--	**620**	65	72	870	--	--	--	--	--	--
MW-2	07/17/90	--	--	--	--	--	--	--	**590**	81	320	1,400	--	--	--	--	--	--
MW-3	12/05/89	98.68	23.34	75.34	600	--	--	--	2.6	58	ND	1.8	--	--	--	--	--	--
MW-13	9/25/2014	650.04	23.91	626.13	--	<50	**1,200**	500	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-13	12/1/2014	650.04	24.09	625.95	--	<50	**690**	160	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-13	2/25/2015	650.04	25.30	624.74	--	<50	**600**	350	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-13	6/1/2015	650.04	26.37	623.67	--						Insufficient water to collect sample							
MW-13	9/14/2015	650.04	26.54	623.50	--						Insufficient water to collect sample							
MW-13	11/23/2015	650.04	25.51	624.53	--						Insufficient water to collect sample							
MW-13	10/13/2017	650.04	23.90	626.14	--	<100	**880**	<420	<1.0	<1.0	<4.0	<3.0	--	--	--	--	--	--
MW-13	12/21/2018	650.04	24.24	625.80	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-13	3/7/2019	650.04	24.26	625.78	--	<100	470	<400	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
MW-13	6/27/2019	650.04	23.70	626.34	--	<100	490	<435	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
MW-13	9/11/2019	650.04	24.24	625.80	--	<100	<400	<400	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
MW-14	4/12/1991	--	--	--	--	--	--	--	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--
MW-14	8/28/1991	--	--	--	--	<100	<100	--	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--
MW-14	2/19/1992	--	--	--	--	--	--	--	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--
MW-14	5/22/1992	--	25.3	--	--	<100	<100	--	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--
MW-14	8/20/1992	--	24.43	--	--	<100	<100	--	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--
MW-14	11/25/1992	--	25.34	--	--	<100	<100	--	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--
MW-14	2/24/1993	--	24.9	--	--	<100	<100	--	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--
MW-14	5/25/1993	--	25.19	--	--	<100	<100	--	<0.05	<0.05	<0.05	<0.05	--	--	--	--	--	--
MW-14	3/27/2001	100.40	25.79	74.61	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	9/11/2001	100.40	25.27	75.13	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	3/21/2002	100.11	25.35	74.76	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	6/28/2002	100.11	25.49	74.62	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	9/24/2002	100.11	24.92	75.19	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	12/9/2002	100.11	25.44	74.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	3/10/2003	100.37	25.70	74.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	6/3/2003	100.37	25.45	74.92	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	9/15/2003	100.37	25.67	74.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	12/9/2003	100.37	25.70	74.67	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	3/11/2004	100.37	24.50	75.87	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	6/9/2004	100.37	25.58	74.79	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	9/9/2004	100.37	25.27	75.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	12/20/2004	100.37	25.81	74.56	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	4/4/2005	100.37	25.95	74.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	6/15/2005	100.37	25.72	74.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	9/14/2005	100.37	25.25	75.12	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	11/22/2005	100.37	25.65	74.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	2/10/2006	100.37	25.62	74.75	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	5/23/2006	100.37	25.68	74.69	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	8/3/2006	100.37	25.05	75.32	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	11/1/2006	100.70	25.60	75.10	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	2/1/2007	100.70	25.28	75.42	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	5/8/2007	100.70	25.56	75.14	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	8/1/2007	100.70	26.07	74.63	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	11/5/2007	100.70	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	3/19/2008	100.70	25.27	75.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	5/6/2008	100.70	25.70	75.00	--	<50	<78	<97	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--
MW-14	8/14/2008	100.70	25.20	75.50	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 2

Groundwater Monitoring Data and Analytical Results
76 Products Facility No. 351385
6 North 5th Street
Wenatchee, Washington

Well ID	Sample Date	TOC Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	EPA Method 418.1 (ug/L)	TPH-G (ug/L)	TPH-D (ug/L)	TPH-O (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	MTBE (ug/L)	EDB (ug/L)	EDC (ug/L)	Total Lead (ug/L)	Dissolved Lead (ug/L)	Ethanol (ug/L)
			MTCA Method A Cleanup Levels:		--	**800**		**500**	**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**15**	**15**	**NE**
MW-1	12/05/89	--	24.33	--	2,000	--	--	--	4.7	1.5	31	21	--	--	--	--	--	--
MW-1	07/17/90	--	--	--	--	--	--	--	3.4	1.8	37	5.9						
MW-2	12/05/89	--	24.52	--	1,600	--	--	--	**620**	65	72	870	--	--	--	--	--	--
MW-2	07/17/90	--	--	--	--	--	--	--	**590**	81	320	1,400	--	--	--	--	--	--
MW-3	12/05/89	98.68	23.34	75.34	600	--	--	--	2.6	58	ND	1.8	--	--	--	--	--	--
MW-14	11/12/2008	100.70	25.40	75.30	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	4/6/2009	100.70	25.63	75.07	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	6/22/2009	100.70	25.45	75.25	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	9/23/2009	100.70	25.43	75.27	--	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	<1.0	<0.011	<1.0	1.5	0.26	--
MW-14	12/3/2009	100.70	25.70	75.00	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	3/4/2010	100.70	25.63	75.07	--	<50.0	89.2	<385	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
MW-14	6/16/2010	100.70	25.47	75.23	--	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
MW-14	9/9/2010	100.70	25.21	75.49	--	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	--	--	--
MW-14	12/13/2010	100.70	25.80	74.90	--	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	--	--	--
MW-14	3/23/2011	100.70	25.65	75.05	--	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
MW-14	5/12/2011	100.70	25.56	75.14	--	<50.0	<80.0	<400	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
MW-14	9/15/2011	100.70	24.98	75.72	--	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-14	12/27/2011	100.70	25.69	75.01	--	<50	<29	<68	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-14	3/28/2012	100.70	25.41	75.29	--	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-14	6/28/2012	100.70	25.22	75.48	--	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-14	9/5/2012	100.70	24.52	76.18	--	80	<30	<71	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-14	11/26/2012	100.70	25.42	75.28	--	<50	<30	<71	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-14	3/21/2013	100.70	25.59	75.11	--	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-14	6/12/2013	100.70	25.06	75.64	--	<50	44	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-14	9/25/2013	650.39	25.10	625.29	--	<50	52	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-14	12/12/2013	650.39	25.90	624.49	--	<50	<31	<73	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-14	3/24/2014	650.39	25.54	624.85	--	<50	<29	<69	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-14	6/24/2014	650.39	25.50	624.89	--	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-14	9/25/2014	650.39	25.32	625.07	--	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-14	12/1/2014	650.39	25.46	624.93	--	<50	<28	<65	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-14	2/24/2015	650.39	25.35	625.04	--	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-14	6/1/2015	650.39	25.36	625.03	--	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-14	9/14/2015	650.39	25.31	625.08	--	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-14	11/23/2015	650.39	25.31	625.08	--	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-14	10/13/2017	650.39	25.39	625.00	--	<100	<500	<500	<1.0	<1.0	<4.0	<3.0	--	--	--	--	--	--
MW-14	12/21/2018	650.39	25.67	624.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	3/7/2019	650.39	25.75	624.64	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	6/27/2019	650.39	25.23	625.16	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-14	9/11/2019	650.39	25.67	624.72	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-15	4/10/1991	99.60	--	--	--	<100	<100	--	**38**	5.3	110	--	--	--	--	--	--	--
MW-15	8/28/1991	99.60	--	--	--	<100	<100	--	**8.6**	<0.5	12	11	--	--	--	--	--	--
MW-15	2/19/1992	99.60	--	--	--	200	<100	--	**27**	2.8	130	120	--	--	--	<3	--	--
MW-15	5/22/1992	99.60	25.22	74.38	--	300	<100	--	**6.6**	2.6	92	89	--	--	--	--	--	--
MW-15	8/20/1992	99.60	24.55	75.05	--	<100	<100	--	**7.7**	<0.5	7.3	4.7	--	--	--	--	--	--
MW-15	11/24/1992	99.60	25.38	74.22	--	<100	<100	--	**19**	3.3	100	77	--	--	--	--	--	--
MW-15	2/24/1993	99.60	25.06	74.54	--	200	--	--	**9.3**	2.2	31	23	--	--	--	--	--	--
MW-15	5/25/1993	99.60	25.16	74.44	--	230	--	--	**15**	3.4	75	43	--	--	--	--	--	--
MW-15	3/27/2001	99.60	25.61	73.99	--	507	<250	--	<3.48	<0.621	15.8	5.14	--	--	--	--	--	--
MW-15	9/11/2001	99.60	25.17	74.43	--	430	<250	--	3.30	<0.500	17.2	1.51	--	--	--	--	--	--
MW-15	3/21/2002	99.43	25.32	74.11	--	574	<250	<500	4.22	<2.00	21.0	<1.50	--	--	--	--	--	--
MW-15	6/28/2002	99.43	25.21	74.22	--	501	<250	--	2.00	<0.500	16.6	1.87	--	--	--	--	--	--
MW-15	9/24/2002	99.43	25.04	74.39	--	**1,070**	<250	--	**5.84**	<0.500	28.0	2.55	--	--	--	--	--	--
MW-15	12/9/2002	99.43	25.35	74.08	--	**1,380**	<250	--	**6.88**	0.628	59.8	3.78	--	--	--	--	--	--

Table 2

Groundwater Monitoring Data and Analytical Results
76 Products Facility No. 351385
6 North 5th Street
Wenatchee, Washington

Well ID	Sample Date	TOC Elevation	Depth to Water	Groundwater Elevation	EPA Method 418.1	TPH-G	TPH-D	TPH-O	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Total Lead	Dissolved Lead	Ethanol
			MTCA Method A Cleanup Levels:		--	800		500	5	1,000	700	1,000	20	0.01	5	15	15	NE
		(feet)	(feet)	(feet)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-1	12/05/89	--	24.33	--	2,000	--	--	--	4.7	1.5	31	21	--	--	--	--	--	--
MW-1	07/17/90	--	--	--	--	--	--	--	3.4	1.8	37	5.9						
MW-2	12/05/89	--	24.52	--	1,600	--	--	--	**620**	65	72	870	--	--	--	--	--	--
MW-2	07/17/90	--	--	--	--	--	--	--	**590**	81	320	1,400	--	--	--	--	--	--
MW-3	12/05/89	98.68	23.34	75.34	600	--	--	--	2.6	58	ND	1.8	--	--	--	--	--	--
MW-15	3/10/2003	99.48	25.58	73.90	--	700	<250	--	3.58	0.621	25.6	2.79	--	--	--	--	--	--
MW-15	6/3/2003	99.48	24.96	74.52	--	**906**	**801**	--	3.86	<0.500	38.7	2.50	--	--	--	--	--	--
MW-15	9/15/2003	99.48	25.55	73.93	--	528	<250	--	2.54	<0.500	17.4	1.90	--	--	--	--	--	--
MW-15	12/9/2003	99.48	25.43	74.05	--	**1,390**	**594**	<515	3.62	<0.5	41.1	<1	--	--	--	--	--	--
MW-15	3/11/2004	99.48	24.75	74.73	--	<100	<126	<503	<1	<1	<1	<2	--	--	--	--	--	--
MW-15	6/9/2004	99.48	25.18	74.30	--	465	348	<478	1.01	<1	15.6	<2	--	--	--	--	--	--
MW-15	9/9/2004	99.48	25.00	74.48	--	279	<253	<507	<1	<1	1.6	<2	--	--	--	--	--	--
MW-15	12/20/2004	99.48	25.38	74.10	--	497	**883**	<503	<0.5	<1	12.2	<2	--	--	--	--	--	--
MW-15	4/4/2005	99.48	25.52	73.96	--	984	277	<506	<1	<1	20.3	<2	--	--	--	--	--	--
MW-15	6/15/2005	99.48	25.15	74.33	--	234	--	--	<1	<1	4.02	<2	--	--	--	--	--	--
MW-15	9/14/2005	99.48	25.00	74.48	--	100	340	--	<0.5	<0.7	2.0	<0.8	--	--	--	--	--	--
MW-15	11/22/2005	99.48	25.28	74.20	--	170	330	240	<0.5	<0.7	4.0	<0.8	--	--	--	--	--	--
MW-15	2/10/2006	99.48	24.93	74.55	--	62	150	<97	<0.5	<0.7	1.0	0.80	--	--	--	--	--	--
MW-15	5/23/2006	99.48	25.17	74.31	--	140	290	270	<0.5	<0.5	1.0	<0.8	--	--	--	--	--	--
MW-15	8/3/2006	99.48	24.94	74.54	--	<48	340	490	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--
MW-15	11/1/2006	99.82	25.28	74.54	--	59	340	**740**	<0.5	<0.7	0.8	<0.8	--	--	--	--	--	--
MW-15	2/1/2007	99.82	24.93	74.89	--	--	220	270	--	--	--	--	--	--	--	--	--	--
MW-15	5/8/2007	99.82	25.11	74.71	--	--	130	210	--	--	--	--	--	--	--	--	--	--
MW-15	8/1/2007	99.82	25.83	73.99	--	--	340	200	--	--	--	--	--	--	--	--	--	--
MW-15	11/6/2007	99.82	25.23	74.59	--	<50	150	<98	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--
MW-15	3/19/2008	99.82	25.23	74.59	--	84	<75	<94	**42**	<0.7	1	<0.8	--	--	--	--	--	--
MW-15	5/6/2008	99.82	20.90	78.92	--	130	130	<95	**280**	1	8	0.9	--	--	--	--	--	--
MW-15	8/14/2008	99.82	25.00	74.82	--	<50	150	<96	**54**	<0.7	1	<0.8	--	--	--	--	--	--
MW-15	11/12/2008	99.82	25.20	74.62	--	**1,300**	**520**	91	**1,400**	4	15	71	--	--	--	--	--	--
MW-15	4/6/2009	99.82	25.20	74.62	--	**822**	70	<64	**1,200**	2.4	62	8.8	--	--	--	--	--	--
MW-15	6/22/2009	99.82	25.10	74.72	--	600	360	<64	**988**	61.8	1.5	1.4 J	--	--	--	--	--	--
MW-15	9/23/2009	99.82	25.09	74.73	--	187	**527**	404	**1,040**	<1.0	6.2	<3.0	<1.0	<0.011	<1.0	0.20	0.077 J	--
MW-15	12/3/2009	99.82	25.28	74.54	--	670	**900**	<390	**1,580**	2.4	69.4	<3.0	--	--	--	--	--	--
MW-15	3/4/2010	99.82	23.34	76.48	--	287	**543**	<385	**591**	<1.0	18.8	<3.0	--	--	--	--	--	--
MW-15	6/16/2010	99.82	24.90	74.92	--	175	**557**	<400	**468 S5**	<1.0 S5	9.6 S5	<3.0 S5	--	--	--	--	--	--
MW-15	9/9/2010	99.82	24.97	74.85	--	<50.0	<78.4	<392	**15.5**	<1.0	<1.0	<3.0	<1.0	--	--	--	--	--
MW-15	12/13/2010	99.82	25.70	74.12	--	492	82	<388	**1,620**	1.8	53.4	<3.0	<1.0	--	--	--	--	--
MW-15	3/23/2011	99.82	25.11	74.71	--	417	140	<392	**745**	<1.0	38.8	<3.0	--	--	--	--	--	--
MW-15	5/12/2011	99.82	25.11	74.71	--	145	<76.9	<385	**330**	<1.0	9.5	<3.0	--	--	--	--	--	--
MW-15	9/15/2011	99.82	24.74	75.08	--	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-15	12/27/2011	99.82	25.34	74.48	--	<50	320	<67	**7**	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-15	3/28/2012	99.82	25.24	74.58	--	66	410	<67	**15**	<0.5	3	<0.5	--	--	--	--	--	<50
MW-15	6/28/2012	99.82	24.64	75.18	--	<50	86	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-15	9/5/2012	99.82	24.20	75.62	--	<50	130	<72	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-15	11/26/2012	99.82	24.92	74.90	--	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-15	3/21/2013	99.82	24.98	74.84	--	<50	190	180	**55**	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-15	6/12/2013	99.82	24.65	75.17	--	<50	170	88	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-15	9/25/2013	649.50	24.70	624.80	--	<50	190	220	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-15	12/12/2013	649.50	25.40	624.10	--	<50	89	<81	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-15	3/24/2014	649.50	24.85	624.65	--	<50	**770**	74	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-15	6/24/2014	649.50	25.09	624.41	--	110	500	<66	**7**	<0.5	3	<0.5	--	--	--	--	--	<50
MW-15	9/24/2014	649.50	25.18	624.32	--	<50	**570**	240	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-15	12/1/2014	649.50	25.19	624.31	--	120	**750**	150	**7**	<0.5	2	<0.5	--	--	--	--	--	<50
MW-15	2/24/2015	649.50	25.06	624.44	--	<50	450	270	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50

Table 2

Groundwater Monitoring Data and Analytical Results
76 Products Facility No. 351385
6 North 5th Street
Wenatchee, Washington

Well ID	Sample Date	TOC Elevation	Depth to Water	Groundwater Elevation	EPA Method 418.1	TPH-G	TPH-D	TPH-O	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Total Lead	Dissolved Lead	Ethanol
			MTCA Method A Cleanup Levels:		--	800		500	5	1,000	700	1,000	20	0.01	5	15	15	NE
		(feet)	*(feet)*	*(feet)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*	*(ug/L)*
MW-1	12/05/89	--	24.33	--	2,000	--	--	--	4.7	1.5	31	21	--	--	--	--	--	--
MW-1	07/17/90	--	--	--	--	--	--	--	3.4	1.8	37	5.9						
MW-2	12/05/89	--	24.52	--	1,600	--	--	--	**620**	65	72	870	--	--	--	--	--	--
MW-2	07/17/90	--	--	--	--	--	--	--	**590**	81	320	1,400	--	--	--	--	--	--
MW-3	12/05/89	98.68	23.34	75.34	600	--	--	--	2.6	58	ND	1.8	--	--	--	--	--	--
MW-15	6/1/2015	649.50	25.01	624.49	--	<50	**650**	300	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-15	9/14/2015	649.50	25.05	624.45	--	<50	260	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-15	11/23/2015	649.50	24.94	624.56	--	<50	**1,100**	290	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-15	10/13/2017	649.50	25.20	624.30	--	<100	<400	<400	<1.0	<1.0	<4.0	<3.0	--	--	--	--	--	--
MW-15	12/21/2018	649.50	25.33	624.17	--	<100	430	<390	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
MW-15	3/7/2019	649.50	25.36	624.14	--	<100	460	<400	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
MW-15	6/27/2019	649.50	25.11	624.39	--	<100	<408	<408	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
MW-15	9/11/2019	649.50	25.33	624.17	--	<100	<392	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
MW-16	4/10/1991	99.59	--	--	--	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	--	--	--	<5	--	--
MW-16	8/28/1991	99.59	--	--	--	<100	<100	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
MW-16	2/19/1992	99.59	--	--	--	<100	<100	<100	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
MW-16	5/22/1992	99.59	24.87	74.72	--	<100	<100	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
MW-16	8/20/1992	99.59	24.60	74.99	--	<100	<100	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
MW-16	11/24/1992	99.59	25.20	74.39	--	<100	<100	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
MW-16	2/24/1993	99.59	24.80	74.79	--	<100	<100	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
MW-16	5/24/1993	99.59	24.82	74.77	--	<100	<100	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	--
MW-16	3/27/2001	99.59	25.73	73.86	--	<50.0	<250	--	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--
MW-16	9/11/2001	99.59	25.20	74.39	--	<50.0	<250	--	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--
MW-16	3/21/2002	99.38	25.45	73.93	--	148	<250	<500	<0.500	<2.00	<1.00	<1.50	--	--	--	--	--	--
MW-16	6/28/2002	99.38	25.06	74.32	--	<50.0	<250	--	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--
MW-16	9/24/2002	99.38	25.07	74.31	--	<50.0	<250	--	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--
MW-16	12/9/2002	99.38	25.50	73.88	--	<50.0	<250		<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--
MW-16	3/10/2003	99.38	25.53	73.85	--	<50.0	<250	--	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--
MW-16	6/3/2003	99.38	25.17	74.21	--	<50.0	<250	--	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--
MW-16	9/15/2003	99.38	25.46	73.92	--	<50.0	<250	--	<0.500	<0.500	<0.500	<1.00	--	--	--	--	--	--
MW-16	12/9/2003	99.38	25.58	73.80	--	<100	<133	<532	<0.25	<0.5	<0.5	<1	--	--	--	--	--	--
MW-16	3/11/2004	99.38	24.58	74.80	--	<100	<128	<513	<1	<1	<1	<2	--	--	--	--	--	--
MW-16	6/9/2004	99.38	25.22	74.16	--	<100	129	<473	<1	<1	<1	<2	--	--	--	--	--	--
MW-16	9/9/2004	99.38	24.95	74.43	--	<100	<249	<498	<1	<1	<1	<2	--	--	--	--	--	--
MW-16	12/20/2004	99.38	25.56	73.82	--	<100	<254	<508	<0.5	<1	<1	<2	--	--	--	--	--	--
MW-16	4/4/2005	99.38	25.70	73.68	--	<100	<251	<501	<1	<1	<1	<2	--	--	--	--	--	--

Table 2

Groundwater Monitoring Data and Analytical Results
76 Products Facility No. 351385
6 North 5th Street
Wenatchee, Washington

Well ID	Sample Date	TOC Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	EPA Method 418.1 (ug/L)	TPH-G (ug/L)	TPH-D (ug/L)	TPH-O (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	MTBE (ug/L)	EDB (ug/L)	EDC (ug/L)	Total Lead (ug/L)	Dissolved Lead (ug/L)	Ethanol (ug/L)
MTCA Method A Cleanup Levels:					--	**800**		**500**	**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**15**	**15**	**NE**
MW-1	12/05/89	--	24.33	--	2,000	--	--	--	4.7	1.5	31	21	--	--	--	--	--	--
MW-1	07/17/90	--	--	--	--	--	--	--	3.4	1.8	37	5.9						
MW-2	12/05/89	--	24.52	--	1,600	--	--	--	**620**	65	72	870	--	--	--	--	--	--
MW-2	07/17/90	--	--	--	--	--	--	--	**590**	81	320	1,400	--	--	--	--	--	--
MW-3	12/05/89	98.68	23.34	75.34	600	--	--	--	2.6	58	ND	1.8	--	--	--	--	--	--
MW-16	6/15/2005	99.38	24.99	74.39	--	<100	<248	<496	<1	<1	<1	<2	--	--	--	--	--	--
MW-16	9/14/2005	99.38	25.00	74.38	--	<48	95	--	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--
MW-16	11/22/2005	99.38	25.34	74.04	--	<48	<96	<120	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--
MW-16	2/10/2006	99.38	24.80	74.58	--	<48	<76	<95	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--
MW-16	5/23/2006	99.38	25.14	74.24	--	<48	<84	<110	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--
MW-16	8/3/2006	99.38	24.92	74.46	--	<48	<91	<110	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--
MW-16	11/1/2006	99.75	25.35	74.40	--	<48	--	--	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--
MW-16	2/1/2007	99.75	24.92	74.83	--	--	<88	280	--	--	--	--	--	--	--	--	--	--
MW-16	5/8/2007	99.75	25.12	74.63	--	--	<77	<96	--	--	--	--	--	--	--	--	--	--
MW-16	8/1/2007	99.75	25.76	73.99	--	--	100	130	--	--	--	--	--	--	--	--	--	--
MW-16	11/6/2007	99.75	25.30	74.45	--	<50	<77	<96	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--
MW-16	3/19/2008	99.75	25.23	74.52	--	<50	<76	<95	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--
MW-16	5/6/2008	99.75	21.70	78.05	--	<50	<75	<94	<0.5	<0.7	<0.8	<0.8	--	--	--	--	--	--
MW-16	8/14/2008	99.75	24.80	74.95	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	11/12/2008	99.75	25.10	74.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	4/6/2009	99.75	25.20	74.55	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	6/22/2009	99.75	24.98	74.77	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	9/23/2009	99.75	25.03	74.72	--	<50.0	<78.0	<390	<1.0	<1.0	<1.0	<3.0	<1.0	<0.011	<1.0	0.22	0.093 J	--
MW-16	12/3/2009	99.75	25.21	74.54	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	3/4/2010	99.75	24.80	74.95	--	<50.0	77.1	<385	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
MW-16	6/16/2010	99.75	24.78	74.97	--	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
MW-16	9/9/2010	99.75	24.95	74.80	--	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	--	--	--
MW-16	12/13/2010	99.75	25.25	74.50	--	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	--	--	--
MW-16	3/23/2011	99.75	24.90	74.85	--	Not sampled this quarter												
MW-16	5/12/2011	99.75	24.86	74.89	--	Not sampled this quarter												
MW-16	9/15/2011	99.75	24.86	74.89	--	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-16	12/27/2011	99.75	25.46	74.29	--	<50	<30	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-16	3/28/2012	99.75	25.22	74.53	--	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-16	6/28/2012	99.75	24.35	75.40	--	<50	<28	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-16	9/5/2012	99.75	24.45	75.30	--	<50	<30	<69	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-16	11/26/2012	99.75	24.90	74.85	--	<50	57	<69	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-16	3/21/2013	99.75	24.92	74.83	--	<50	460	**590**	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-16	6/12/2013	99.75	24.50	75.25	--	<50	47	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-16	9/25/2013	649.43	24.80	624.63	--	<50	<33	<78	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-16	12/12/2013	649.43	25.51	623.92	--	<50	<35	<81	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-16	3/24/2014	649.43	24.89	624.54	--	<50	35	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-16	6/24/2014	649.43	25.06	624.37	--	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-16	9/24/2014	649.43	25.08	624.35	--	<50	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-16	12/1/2014	649.43	25.12	624.31	--	<50	50	72	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-16	2/24/2015	649.43	25.02	624.41	--	<50	69	230	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-16	6/1/2015	649.43	25.01	624.42	--	<50	49	100	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-16	9/14/2015	649.43	24.07	625.36	--	<50	<29	<68	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-16	11/23/2015	649.43	24.75	624.68	--	<50	29	75	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-16	10/13/2017	649.43	25.23	624.20	--	<100	<410	<410	<1.0	<1.0	<4.0	<3.0	--	--	--	--	--	--
MW-16	12/21/2018	649.43	Could not locate well															
MW-16	3/7/2019	649.43	25.37	624.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	6/27/2019	649.43	25.05	624.38	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-16	9/11/2019	649.43	Could not locate well															

Table 2

Groundwater Monitoring Data and Analytical Results
76 Products Facility No. 351385
6 North 5th Street
Wenatchee, Washington

Well ID	Sample Date	TOC Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	EPA Method 418.1 (ug/L)	TPH-G (ug/L)	TPH-D (ug/L)	TPH-O (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Total Xylenes (ug/L)	MTBE (ug/L)	EDB (ug/L)	EDC (ug/L)	Total Lead (ug/L)	Dissolved Lead (ug/L)	Ethanol (ug/L)
			MTCA Method A Cleanup Levels:		--	**800**		**500**	**5**	**1,000**	**700**	**1,000**	**20**	**0.01**	**5**	**15**	**15**	**NE**
MW-1	12/05/89	--	24.33	--	2,000	--	--	--	4.7	1.5	31	21	--	--	--	--	--	--
MW-1	07/17/90	--	--	--	--	--	--	--	3.4	1.8	37	5.9						
MW-2	12/05/89	--	24.52	--	1,600	--	--	--	**620**	65	72	870	--	--	--	--	--	--
MW-2	07/17/90	--	--	--	--	--	--	--	**590**	81	320	1,400	--	--	--	--	--	--
MW-3	12/05/89	98.68	23.34	75.34	600	--	--	--	2.6	58	ND	1.8	--	--	--	--	--	--
MW-17	5/8/2007	649.68	29.60	620.08	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	11/5/2007	649.68								Could not locate well								
MW-17	3/19/2008	649.68								Could not locate well								
MW-17	5/6/2008	649.68								Could not locate well								
MW-17	8/14/2008	649.68	23.10	626.58	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	11/12/2008	649.68	23.50	626.18	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	4/6/2009	649.68	23.67	626.01	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	6/22/2009	649.68	23.40	626.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	9/22/2009	649.68	23.25	626.43	--	<50.0	158	<388	1.1	<1.0	<1.0	<3.0	<1.0	<0.011	<1.0	2.3	0.12	--
MW-17	12/3/2009	649.68	24.28	625.40	--	<50.0	**1,300**	**720**	<1.0	<1.0	<1.0	<3..0	--	--	--	--	--	--
MW-17	3/4/2010	649.68	24.99	624.69	--	<50.0	398	<385	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
MW-17	6/16/2010	649.68	23.30	626.38	--	<50.0	320	<392	1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
MW-17	9/9/2010	649.68	23.10	626.58	--	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
MW-17	12/13/2010	649.68	23.70	625.98	--	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	<1.0	--	--	--	--	--
MW-17	3/23/2011	649.68	23.50	626.18	--	<50.0	<78.4	<392	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
MW-17	5/12/2011	649.68	23.47	626.21	--	<50.0	<77.7	<388	<1.0	<1.0	<1.0	<3.0	--	--	--	--	--	--
MW-17	9/15/2011	649.68	22.81	626.87	--	61[g]	<29	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-17	12/27/2011	649.68	23.90	625.78	--	<50	180	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-17	3/28/2012	649.68	23.81	625.87	--	<50	43	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-17	6/28/2012	649.68	22.65	627.03	--	<50	100	77	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-17	9/5/2012	649.68	21.80	627.88	--	<50	150	<69	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-17	11/26/2012	649.68	22.80	626.88	--	<50	91	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-17	3/21/2013	649.68	23.04	626.64	--	<50	230	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-17	6/12/2013	649.68	22.40	627.28	--	<50	210	93	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-17	9/26/2013	649.68	22.45	627.23	--	<50	190	83	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-17	12/13/2013	649.68	24.22	625.46	--	<50	42	<70	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-17	3/24/2014	649.68	23.57	626.11	--	<50	130	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-17	6/24/2014	649.68	23.48	626.20	--	<50	130	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-17	9/25/2014	649.68	23.46	626.22	--	<50	75	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-17	12/1/2014	649.68	23.61	626.07	--	<50	77	<65	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-17	2/25/2015	649.68	23.51	626.17	--	<50	63	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-17	6/1/2015	649.68	23.49	626.19	--	<50	45	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-17	9/14/2015	649.68	23.30	626.38	--	<50	35	<67	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-17	11/23/2015	649.68	23.31	626.37	--	<50	47	<66	<0.5	<0.5	<0.5	<0.5	--	--	--	--	--	<50
MW-17	10/13/2017	649.68	23.42	626.26	--	<100	<410	<410	<1.0	<1.0	<4.0	<3.0	--	--	--	--	--	--
MW-17	12/21/2018	649.68	23.75	625.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	3/7/2019	649.68	23.80	625.88	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	6/27/2019	649.68	23.25	626.43	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-17	9/11/2019	649.68	23.75	625.93	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 2

Groundwater Monitoring Data and Analytical Results
76 Products Facility No. 351385
6 North 5th Street
Wenatchee, Washington

Well ID	Sample Date	TOC Elevation	Depth to Water	Groundwater Elevation	EPA Method 418.1	TPH-G	TPH-D	TPH-O	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	EDB	EDC	Total Lead	Dissolved Lead	Ethanol
			MTCA Method A Cleanup Levels:		--	800		500	5	1,000	700	1,000	20	0.01	5	15	15	NE
		(feet)	(feet)	(feet)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
MW-1	12/05/89	--	24.33	--	2,000	--	--	--	4.7	1.5	31	21	--	--	--	--	--	--
MW-1	07/17/90	--	--	--	--	--	--	--	3.4	1.8	37	5.9						
MW-2	12/05/89	--	24.52	--	1,600	--	--	--	**620**	65	72	870	--	--	--	--	--	--
MW-2	07/17/90	--	--	--	--	--	--	--	**590**	81	320	1,400	--	--	--	--	--	--
MW-3	12/05/89	98.68	23.34	75.34	600	--	--	--	2.6	58	ND	1.8	--	--	--	--	--	--
MW-18	12/12/2013	649.78	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	3/24/2014	649.78	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	6/24/2014	649.78	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	9/24/2014	649.78	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	12/1/2014	649.78	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	2/24/2015	649.78	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	6/1/2015	649.78	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	9/14/2015	649.78	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	11/23/2015	649.78	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	10/12/2017	649.78	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	12/21/2018	649.78	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	3/7/2019	649.78	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	6/27/2019	649.78	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-18	9/11/2019	649.78	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	12/12/2013	648.92	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	3/24/2014	648.92	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	6/24/2014	648.92	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	9/24/2014	648.92	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	12/1/2014	648.92	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	2/24/2015	648.92	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	6/1/2015	648.92	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	9/14/2015	648.92	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	11/23/2015	648.92	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	10/12/2017	648.92	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	12/21/2018	648.92	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	3/7/2019	648.92	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	6/27/2019	648.92	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-19	9/11/2019	648.92	DRY	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:

Bold values equal or exceed Department of Ecology Model Toxics Control Act (MTCA) Method A Cleanup Level, per Cleanup Level and Risk Calculation (CLARC) data tables published in August 2015
ft = feet
MTCA = Model Toxics Control Act
USEPA = United States Environmental Protection Agency
µg/L = Micrograms per liter
-- = Not Analyzed or Sampled
<x = Reported concentration below laboratory method detection limit.
Top of Casing (TOC) elevation data prior to 2013 is referenced to an arbitrary datum by multiple consultants. TOC elevations reported post September 2013 were surveyed in reference to North American Vertical Datum of 88 (NAV88) by previous consultan
TPH as Gasoline-range organics (TPHg) analyzed by Northwest Method NWTPH-Gx.
TPH as Diesel-range organics (TPHd) analyzed by Northwest Method NWTPH-Dx.
TPH as Heavy Oil-range organics (TPHo) analyzed by Northwest Method NWTPH-Dx.
Benzene, toluene, ethylbenzene, total xylenes (BTEX) analyzed by USEPA Method 8260B or 8021B
Methyl tert-butyl ether (MTBE) analyzed by EPA Method 8260B.
Tetrachloroethene (PCE) analyzed by EPA Method 8260B
Trichloroethene (TCE) analyzed by EPA Method 8260B
1,2 Dichloroethane (EDC) analyzed by EPA Method 8260B
1,2 Dibromoethane (EDB) analyzed by EPA Method 8260B
Lead analyzed by EPA Method 7421/6020 (Total Lead).

Table 3

Summary of Well Construction Details
Former Union Oil Facility
6 Fifth Street
Wenatchee, Washington

Well ID	Date Installed	Well Type	Current Status	Surface Elevation (ft msl)	Well Diameter (inches)	Total Depth Drilled (ft bgs)	TOC Elevation (ft msl)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Screen Slot Size (inches)	Historical Maximum High DTW (ft bgs)	Historical Minimum Low DTW (ft bgs)
MW-1	11/21/1989	Monitoring	Abandoned	--	2	35.30	--	5.3	35.3	0.020	24.33	24.33
MW-2	11/22/1989	Monitoring	Abandoned	--	2	35.00	--	5	35	0.020	24.52	24.52
MW-3	11/28/1989	Monitoring	ACTIVE	--	2	33.80	648.42	3.8	33.8	0.020	22.02	24.94
VP-4	11/28/1989	Monitoring	Abandoned	--	2	15.60	--	5.6	15.6	0.020	--	--
VP-5	11/28/1989	Monitoring	ACTIVE	--	2	17.40	--	5.3	15.3	0.020	--	--
MW-6	11/29/1989	Monitoring	ACTIVE	--	2	34.80	649.04	4.6	34.6	0.020	23.98	32.02
MW-7	9/1990	Monitoring	Abandoned	--	--	--	--	--	--	--	--	--
MW-8	9/11/1990	Monitoring	ACTIVE	--	2	25.00	650.79	20	25	0.020	17.39	24.87
MW-9	11/5/1990	Monitoring	ACTIVE	--	2	35.00	651.96	20	35	0.020	22.78	26.21
MW-10	11/6/1990	Monitoring	ACTIVE	--	2	28.00	651.48	18	28	0.020	21.75	25.32
MW-11	11/6/1990	Monitoring	ACTIVE	--	2	28.50	648.20	18.5	28.5	0.020	18.08	20.36
MW-12	11/7/1990	Monitoring	ACTIVE	--	2	28.00	650.53	18	28	0.020	20.60	23.70
MW-13	11/7/1990	Monitoring	ACTIVE	--	2	30.00	650.04	20	30	0.020	20.00	26.54
MW-14	4/1/1991	Monitoring	ACTIVE	--	2	30.00	650.39	20	30	0.020	24.43	26.07
MW-15	4/2/1991	Monitoring	ACTIVE	--	2	30.00	649.50	20	30	0.020	20.90	25.93
MW-16	4/2/1991	Monitoring	ACTIVE	--	2	30.00	649.43	20	30	0.020	21.70	25.76
MW-17	4/10/2007	Monitoring	ACTIVE	--	4	30.00	649.68	20	30	0.020	21.80	29.60
MW-18	8/14/2013	Monitoring	ACTIVE	--	2	22.00	649.78	15.5	20.5	0.010	DRY	DRY
MW-19	8/14/2013	Monitoring	ACTIVE	--	2	26.00	648.92	16	21	0.010	DRY	DRY

Notes:

DTW = Depth to groundwater from top of casing
bgs = below ground surface
NA = Not available from well log
--- Not available
ft = Feet
msl = Mean Sea Level
TOC = Top of Casing
GW = Groundwater

Appendices

Appendix A
Environmental Document List

Appendix A Environmental Document List

Title	Author	Date	Submitted to Ecology	
			Y/N	Date
Subsurface Contamination Study, Unocal Bulk Plan 0853, Wenatchee, Washington	GeoEngineers, Inc.	2/27/1989	Y	Unknown
Progress Report No. 1 Remedial Monitoring Services and Supplemental Subsurface Contamination Study, Unocal Bulk Plan 0853, Wenatchee, Washington	GeoEngineers, Inc.	3/13/1991	Y	Unknown
Progress Report No. 2 Supplemental Subsurface Contamination Study, Ground Water Monitoring Program, and Land Farm Operations, Unocal Bulk Plan 0853, Wenatchee, Washington	GeoEngineers, Inc.	5/26/1992	Y	Unknown
Progress Report No. 3 Ground Water Monitoring Program and Land Farm Operations, Unocal Bulk Plant 0853, Wenatchee, Washington	GeoEngineers, Inc.	10/29/1992	Y	Unknown
Progress Report No. 4 Groundwater Monitoring Program and Land Farm Operations, Unocal Bulk Plant 0853, Wenatchee, Washington	GeoEngineers, Inc.	1/25/1993	Y	Unknown
Progress Report No. 5 Ground Water Monitoring and Air Permeability Test, Unocal Bulk Plan 0853, Wenatchee, Washington	GeoEngineers, Inc.	9/23/1993	Y	Unknown
Updated Summary of Remedial Recommendations and Fee Estimate	GeoEngineers, Inc.	2/7/1995	Unknown	Unknown

Summary of Assessment Activities – Tosco Bulk Plant No. 0853, 6 Fifth Street, Wenatchee, Washington	Pacific Environmental Group, Inc.	1/28/1998	Y	Unknown
Quarterly to Bi-annual Groundwater Monitoring Reports – 2Q93 through 3Q03	GeoEngineers, Inc.	Varies	Y	Unknown
Quarterly Groundwater Monitoring Reports – 4Q03 through 2Q07	Delta	Varies	Y	Unknown
Site Receptor Survey	Delta Environmental Consultants, Inc.	11/4/2004	Y	Unknown
Conceptual Site Model, 76 products Facility No. 351385, 6 North 5th Street, Wenatchee, Washington	SAIC Engineering, Environment, and Infrastructure, LLC	9/27/2012	Y	Unknown
Groundwater Monitoring Report – 4Q07 through 3Q2008	Secor International Inc.	Varies	Y	Unknown
Groundwater Monitoring Reports - 4Q08 through 2Q11	Stantec Consulting Corporation	Varies	Y	Unknown
Groundwater Monitoring Reports - 3Q11 through 3Q2013	SAIC Engineering, Environment, and Infrastructure, LLC	Varies	Y	Unknown
Groundwater Monitoring Reports - 4Q11 through 4Q2015	Leidos Engineering, LLC	Varies	Y	Unknown
Site Assessment Report – 76 Products Facility No 351385, 6 North 5th Street, Wenatchee, Washington	Leidos Engineering, LLC	2/28/2014	Y	Unknown
Site Investigation Summary Report, Former Unocal Bulk Plant 0853	GHD Services, Inc.	12/21/2018	Y	Unknown

Appendix B
Legal Description of Property, Present Owner and Operation, Know Past Owners and Operators

Chelan County Assessor

Property Search Results > 18256 APPLE VALLEY PETROLEUM ONE LLC for Year 2019 - 2020

Property

Account

Property ID:	18256	Legal Description:	SUBURBAN HOMES FIRST BLOCK 4 LOT 3-4 1.1500 ACRES
Geographic ID:	222003860088	Agent Code:	
Type:	Real		
Tax Area:	802 - W 246 F1 WB	Land Use Code	51
Open Space:	N	DFL	N
Historic Property:	N	Remodel Property:	N
Multi-Family Redevelopment:	N		
Township:	22N	Section:	03
Range:	20EWM	Legal Acres:	1.1500

Location

Address:	6 5TH ST WENATCHEE, WA 98801	Mapsco:	
Neighborhood:	Cycle 2 Wenatchee lower div 1 COM	Map ID:	2WENL01C01
Neighborhood CD:	2WENL01C01		

Owner

Name:	APPLE VALLEY PETROLEUM ONE LLC	Owner ID:	95185
Mailing Address:	6 5TH ST WENATCHEE, WA 98801	% Ownership:	%
		Exemptions:	

Taxes and Assessment Details

Values

Taxing Jurisdiction

Improvement / Building

Improvement #1: COMMERCIAL **State Code:** 21 3800.0 sqft **Value:** $38,462

Type	Description	Class CD	Sub Class CD	Year Built	Area
MA	Main	LOW	1 STY	1940	3800.0

Improvement #2: COMMERCIAL **State Code:** 51 448.0 sqft **Value:** $29,077

Type	Description	Class CD	Sub Class CD	Year Built	Area
OFB	Office Building-344	LOW	1 STY	1964	448.0

Sketch

Property Image

Land

#	Type	Description	Acres	Sqft	Eff Front	Eff Depth	# Lots	Market Value	Prod. Value
1	COM LAND	COMMERCIAL LAND	1.1500	50000.00	0.00	0.00	0.00	$25,000	$0

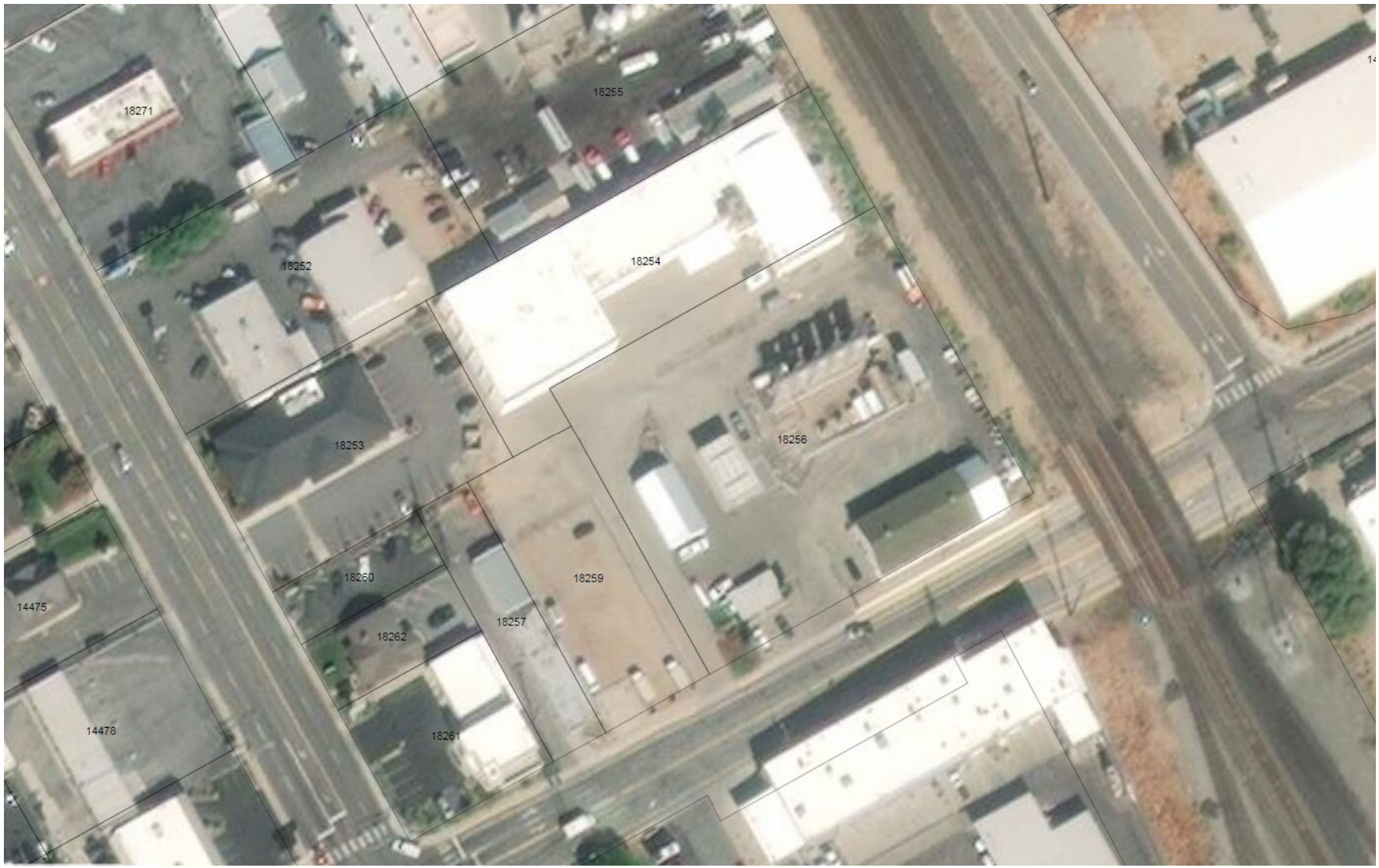
Roll Value History

Deed and Sales History

#	Deed Date	Type	Description	Grantor	Grantee	Volume	Page	Sale Price	Excise Number	Deed Number
1	08/21/2014	WD	Warranty Deed	FILES JOHN R	APPLE VALLEY PETROLEUM ONE LLC			$0.00	163212	2405065
2	04/14/1998	SWD	Statutory Warranty Deed		FILES JOHN R				0	2025883
3	04/08/1997	SWD	Statutory Warranty Deed		TOSCO CORP				0	2003586
4	09/03/1921	WD	Warranty Deed		UNION OIL OF CA	160	506		0	
5	04/14/1998	SWD	Statutory Warranty Deed					$37,500.00	9742100	2025883

6	04/08/1997	SWD	Statutory Warranty Deed	$37,500.00	9339300	2003586

Payout Agreement


18271
18255
18252
18254
18253
18256
18260
18259
14475
18257
18262
18261
14478

Appendix C
Available Historical Soil Boring Logs

SOIL CLASSIFICATION SYSTEM

MAJOR DIVISIONS			GROUP SYMBOL	GROUP NAME
COARSE GRAINED SOILS MORE THAN 50% RETAINED ON NO. 200 SIEVE	GRAVEL MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	CLEAN GRAVEL	GW	WELL-GRADED GRAVEL, FINE TO COARSE GRAVEL
			GP	POORLY-GRADED GRAVEL
		GRAVEL WITH FINES	GM	SILTY GRAVEL
			GC	CLAYEY GRAVEL
	SAND MORE THAN 50% OF COARSE FRACTION PASSES NO. 4 SIEVE	CLEAN SAND	SW	WELL-GRADED SAND, FINE TO COARSE SAND
			SP	POORLY-GRADED SAND
		SAND WITH FINES	SM	SILTY SAND
			SC	CLAYEY SAND
FINE GRAINED SOILS MORE THAN 50% PASSES NO 200 SIEVE	SILT AND CLAY LIQUID LIMIT LESS THAN 50	INORGANIC	ML	SILT
			CL	CLAY
		ORGANIC	OL	ORGANIC SILT, ORGANIC CLAY
	SILT AND CLAY LIQUID LIMIT 50 OR MORE	INORGANIC	MH	SILT OF HIGH PLASTICITY, ELASTIC SILT
			CH	CLAY OF HIGH PLASTICITY, FAT CLAY
		ORGANIC	OH	ORGANIC CLAY, ORGANIC SILT
HIGHLY ORGANIC SOILS			PT	PEAT

NOTES:

1. Field classification is based on visual examination of soil in general accordance with ASTM D2488-83
2. Soil classification using laboratory tests is based on ASTM D2487-83.
3. Descriptions of soil density or consistency are based on interpretation of blowcount data, visual appearance of soils, and/or test data

SOIL MOISTURE MODIFIERS.

Dry – Absence of moisture, dusty, dry to the touch

Moist – Damp, but no visible water

Wet – Visible free water or saturated, usually soil is obtained from below water table

GeoEngineers

SOIL CLASSIFICATION SYSTEM

FIGURE A-1

GEI 85-88

LABORATORY TESTS.

CA Chemical Analysis

VAPOR CONCENTRATION DATA·

Vapor concentration given in parts per million

SHEEN CLASSIFICATION SYSTEM

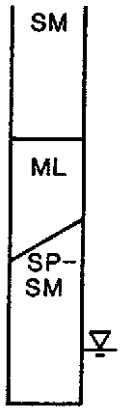
NS No visible sheen

SS Slight sheen

MS Moderate sheen

HS Heavy sheen

SOIL GRAPH·



Soil Group Symbol (See Note 2)

Distinct Contact Between Soil Strata

Gradual Change Between Soil Strata

Water Level

Bottom of Boring

BLOW-COUNT/SAMPLE DATA.

Blows required to drive a split-barrel sampler (2 4-inch I D) 12 inches or other indicated distances using 300 pound hammer falling 30 inches

22 ■ Location of relatively undisturbed sample

12 ⊠ Location of disturbed sample

"P" indicates sampler pushed with weight of hammer or hydraulics of drill rig

P □ Location of sampling attempt with no recovery

Blows required to drive a split-barrel sampler (1 5-inch I D) 12 inches or other indicated distances using 140 pound hammer falling 30 inches

10 ◪ Location of sample attempt using Standard Penetration Test procedures

NOTES

1. Information presented in the attached text and the Key To Boring Log Symbols is required to adequately explain the data on the boring logs
2. Soil classification system is summarized in Figure A-1.
3 The reader must refer to the discussion in the report test as well as the exploration logs for a proper understanding of subsurface conditions.

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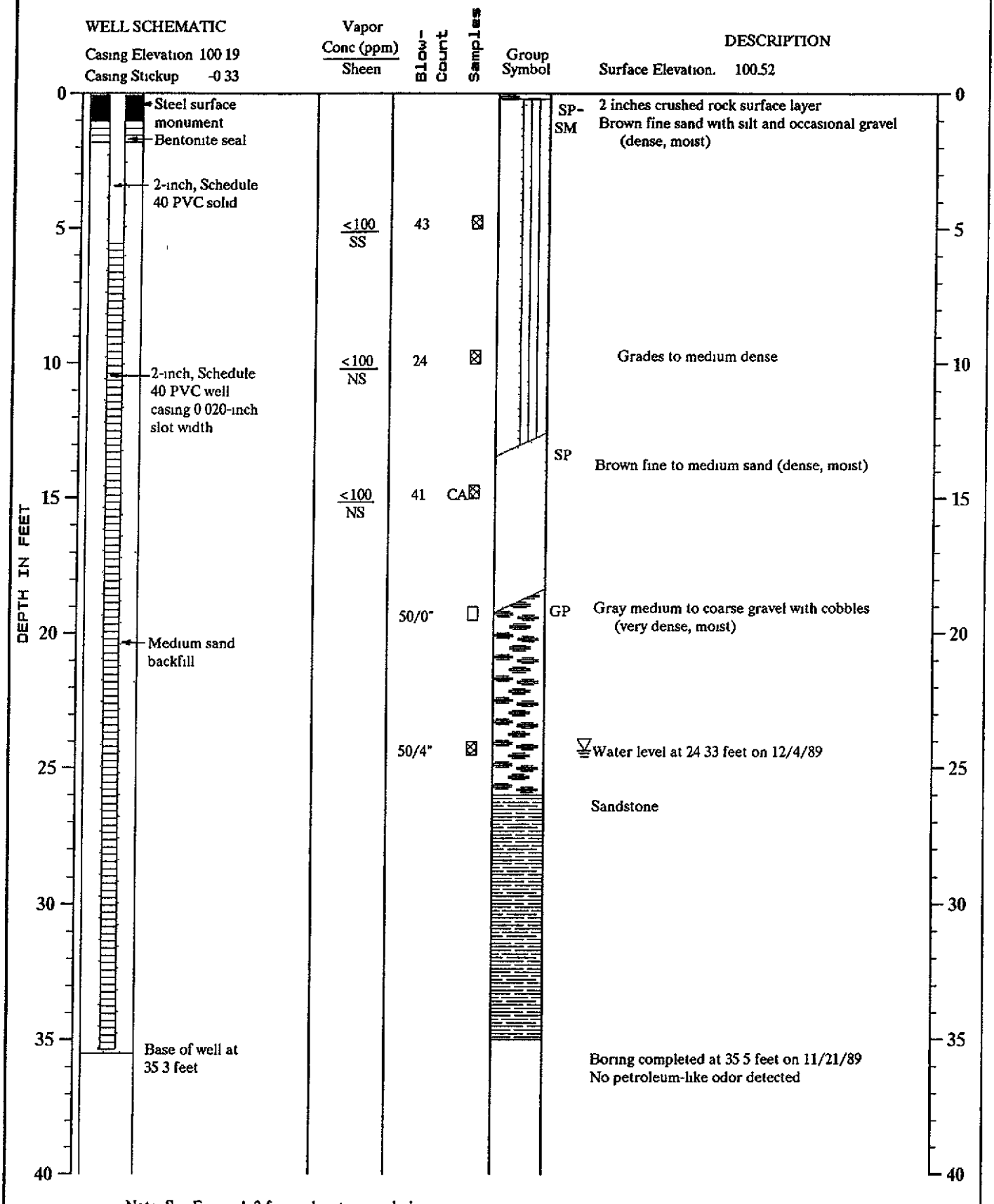
KEY TO BORING LOG SYMBOLS

FIGURE A-2

MONITOR WELL NO. MW-1



Note See Figure A-2 for explanation symbols

Geo Engineers

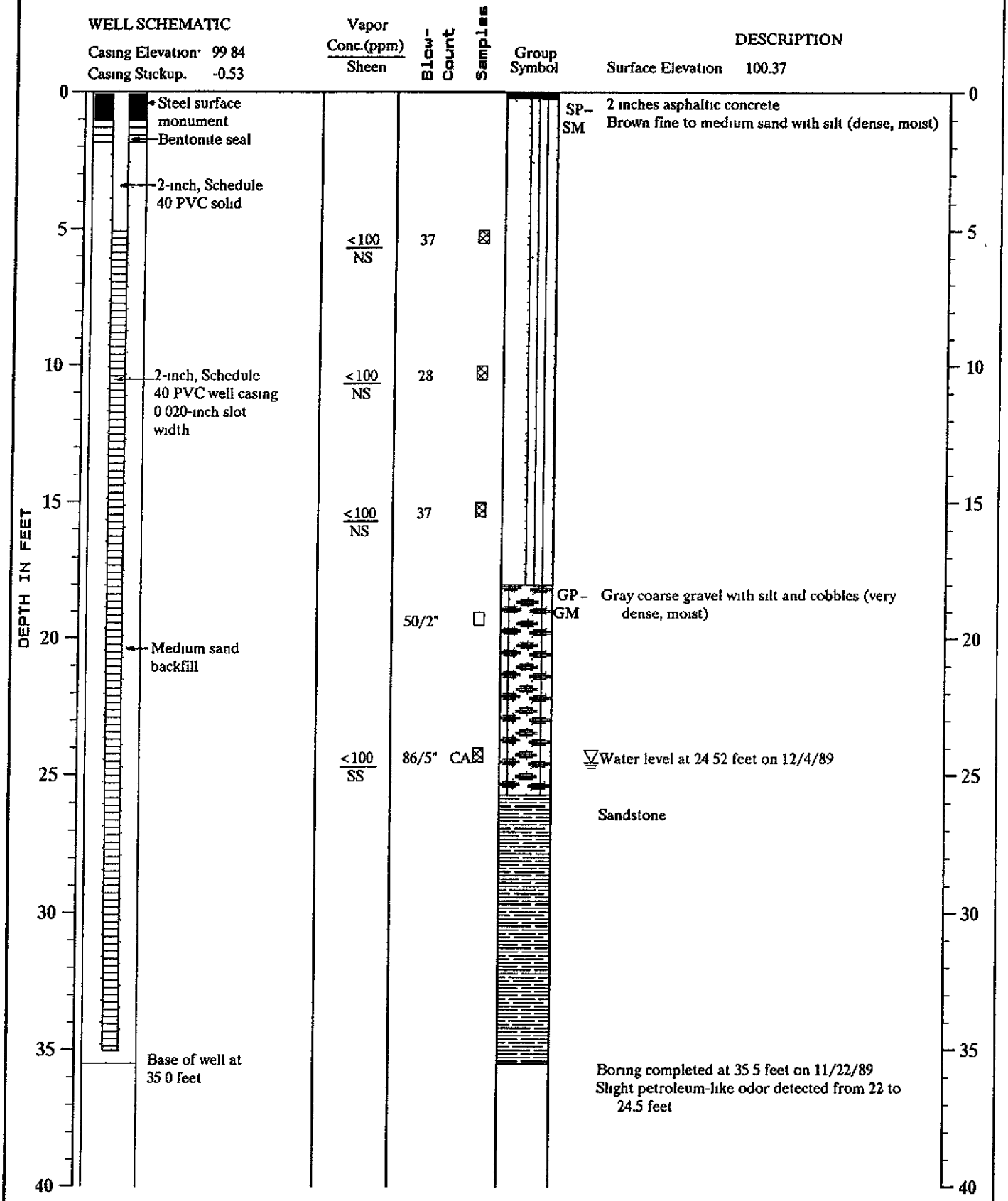
Log of Monitor Well

Figure A-3

JJW:WSL:CDO 2/10/90

0161-229-B04

MONITOR WELL NO. MW-2



Note See Figure A-2 for explanation symbols

JJW:WSL:CDO 2/10/90

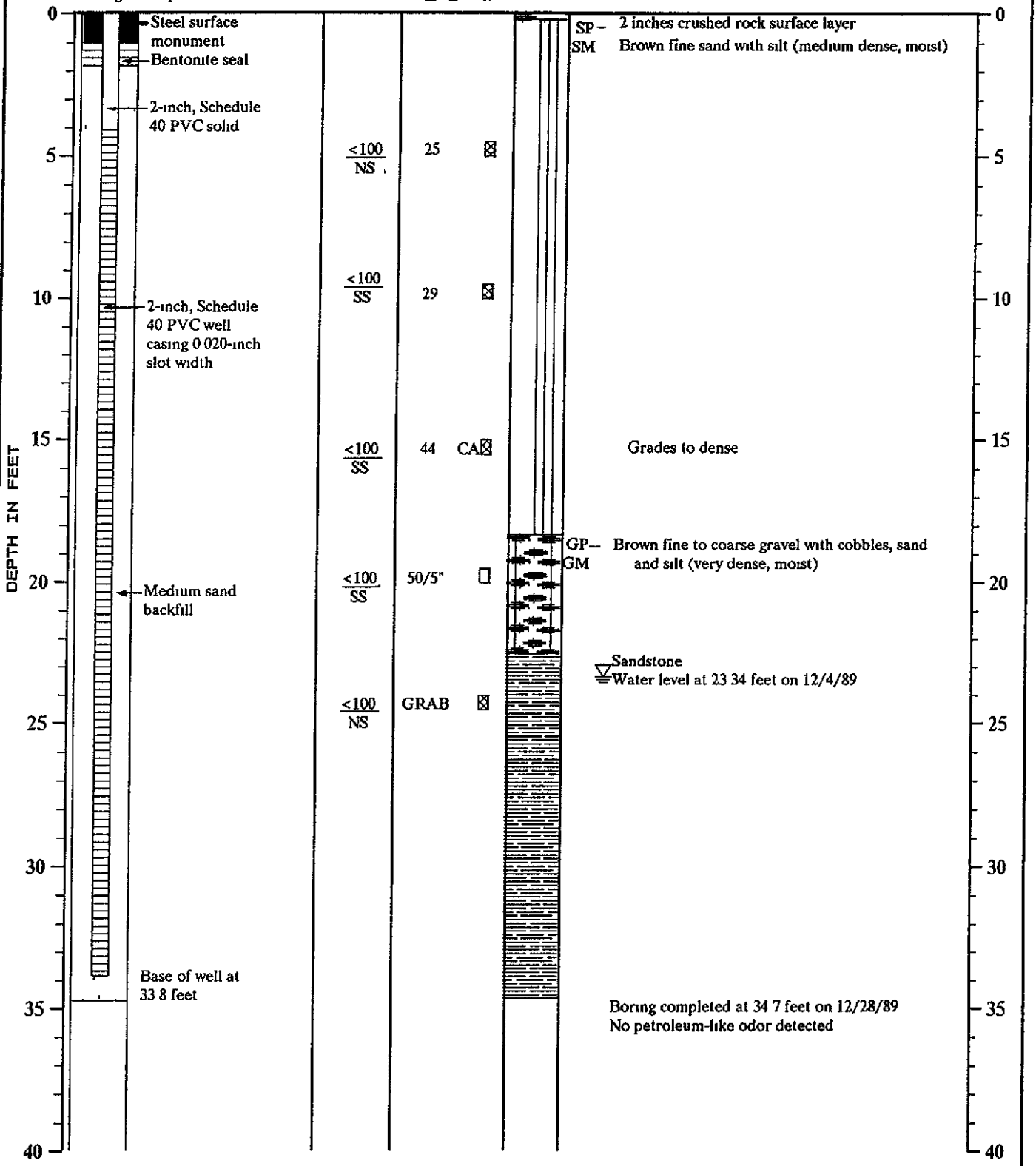
0161-229-B04

Geo Engineers

Log of Monitor Well

Figure A-4

MONITOR WELL NO. MW-3



Note See Figure A-2 for explanation symbols

Geo Engineers

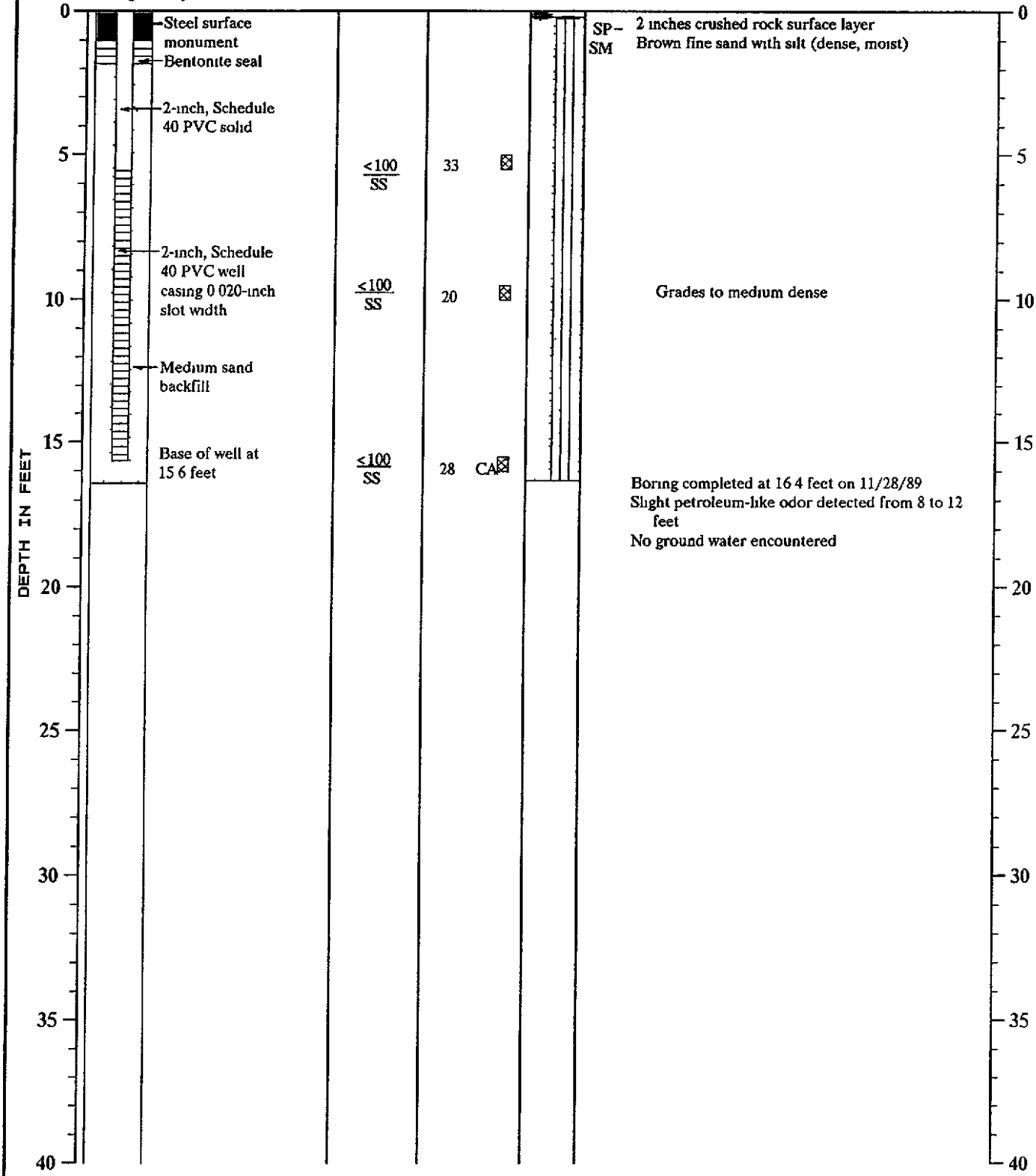
Log of Monitor Well

Figure A-5

JJW:WSL:CDO 2/15/90

0161-229-R04

VAPOR PROBE NO. VP-4



Note See Figure A-2 for explanation of symbols

Geo Engineers

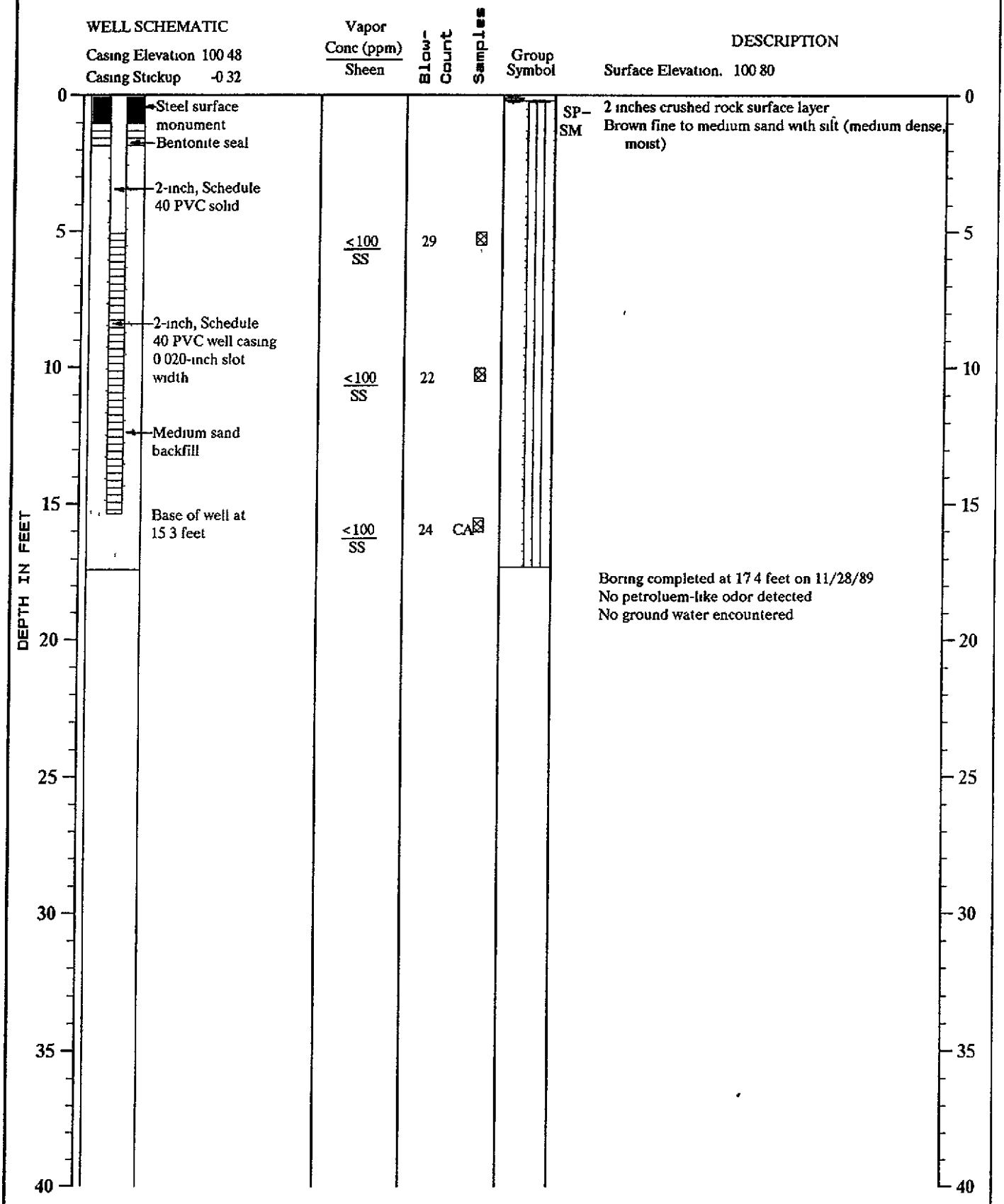
Log of Vapor Probe

Figure A-6

JJW:WSL:CDO 2/10/90

0161-229-R04

VAPOR PROBE NO. VP-5



Note See Figure A-2 for explanation of symbols

JJW:WSL:CDO 2/10/90

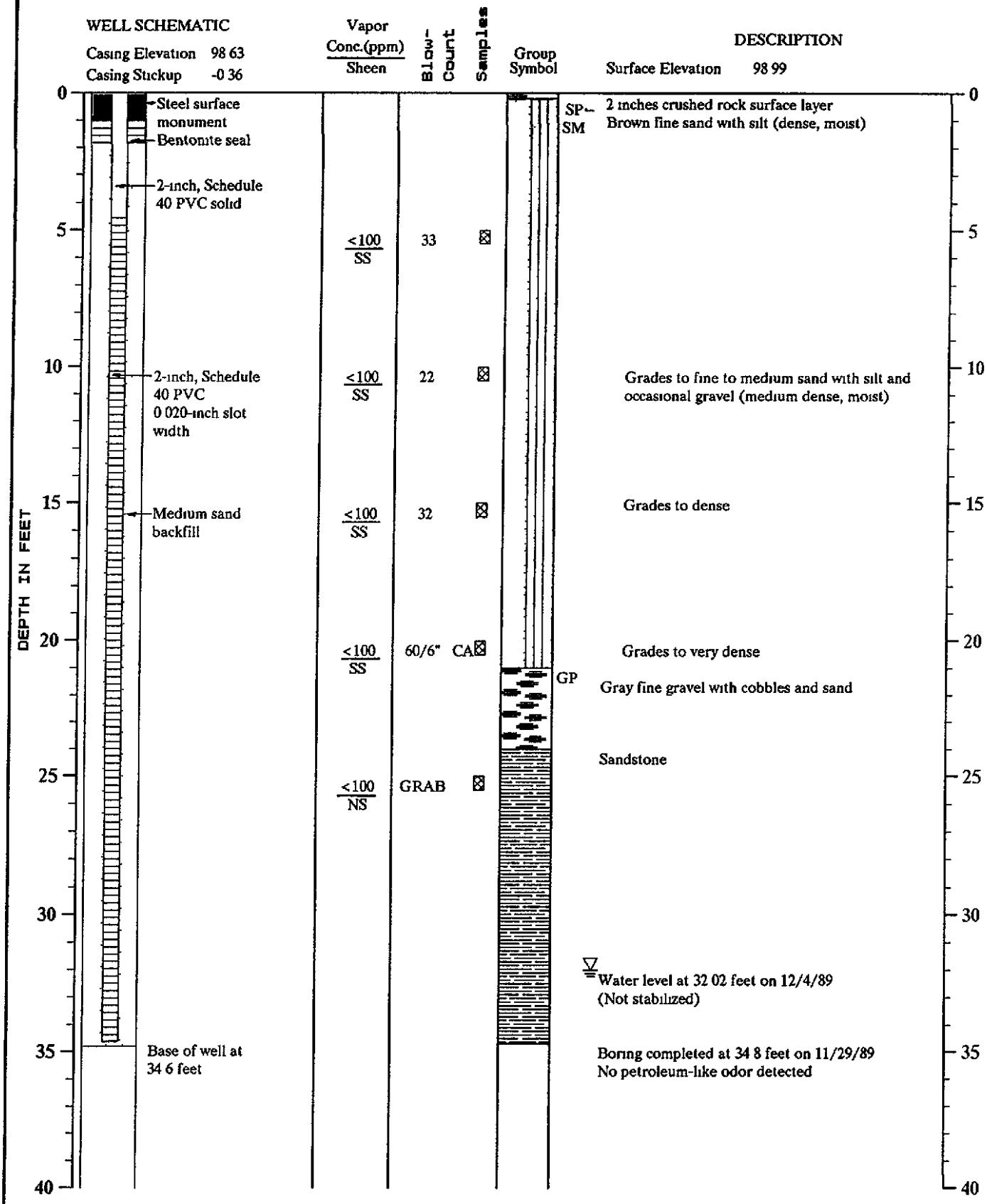
0161-229-B04

Geo Engineers

Log of Vapor Probe

Figure A-7

MONITOR WELL NO. MW-6



Note See Figure A-2 for explanation symbols

Geo Engineers

Log of Monitor Well

Figure A-8

JJW:WSL:CDO 2/10/90

0161-229-B04

SOIL CLASSIFICATION SYSTEM

MAJOR DIVISIONS			GROUP SYMBOL	GROUP NAME
COARSE GRAINED SOILS MORE THAN 50% RETAINED ON NO. 200 SIEVE	GRAVEL MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	CLEAN GRAVEL	GW	WELL-GRADED GRAVEL, FINE TO COARSE GRAVEL
			GP	POORLY-GRADED GRAVEL
		GRAVEL WITH FINES	GM	SILTY GRAVEL
			GC	CLAYEY GRAVEL
	SAND MORE THAN 50% OF COARSE FRACTION PASSES NO. 4 SIEVE	CLEAN SAND	SW	WELL-GRADED SAND, FINE TO COARSE SAND
			SP	POORLY-GRADED SAND
		SAND WITH FINES	SM	SILTY SAND
			SC	CLAYEY SAND
FINE GRAINED SOILS MORE THAN 50% PASSES NO. 200 SIEVE	SILT AND CLAY LIQUID LIMIT LESS THAN 50	INORGANIC	ML	SILT
			CL	CLAY
		ORGANIC	OL	ORGANIC SILT, ORGANIC CLAY
	SILT AND CLAY LIQUID LIMIT 50 OR MORE	INORGANIC	MH	SILT OF HIGH PLASTICITY, ELASTIC SILT
			CH	CLAY OF HIGH PLASTICITY, FAT CLAY
		ORGANIC	OH	ORGANIC CLAY, ORGANIC SILT
HIGHLY ORGANIC SOILS			PT	PEAT

NOTES:

1. Field classification is based on visual examination of soil in general accordance with ASTM D2488-83.
2. Soil classification using laboratory tests is based on ASTM D2487-83
3. Descriptions of soil density or consistency are based on interpretation of blowcount data, visual appearance of soils, and/or test data.

SOIL MOISTURE MODIFIERS:

Dry - Absence of moisture, dusty, dry to the touch

Moist - Damp, but no visible water

Wet - Visible free water or saturated, usually soil is obtained from below water table

GeoEngineers

SOIL CLASSIFICATION SYSTEM

FIGURE A-1

GEI 85-88

LABORATORY TESTS:

AL	Atterberg limits
CP	Compaction
CS	Consolidation
DS	Direct shear
GS	Grain – size
%F	Percent fines
HA	Hydrometer analysis
SK	Permeability
SM	Moisture content
MD	Moisture and density
SP	Swelling pressure
TX	Triaxial compression
UC	Unconfined compression
CA	Chemical analysis

SOIL GRAPH:

SM Soil Group Symbol (See Note 2)

Distinct Contact Between Soil Strata

Gradual or Approximate Location of Change Between Soil Strata

Water Level

Bottom of Boring

BLOW-COUNT/SAMPLE DATA.

Blows required to drive a 2.4-inch I.D. split-barrel sampler 12 inches or other indicated distances using a 300-pound hammer falling 30 inches.

22 — Location of relatively undisturbed sample

12 — Location of disturbed sample

17 — Location of sampling attempt with no recovery

Blows required to drive a 1.5-inch I.D. (SPT) split-barrel sampler 12 inches or other indicated distances using 140-pound hammer falling 30 inches.

10 — Location of sample obtained in general accordance with Standard Penetration Test (ASTM D-1586) procedures

26 — Location of SPT sampling attempt with no recovery

Location of grab sample

"P" indicates sampler pushed with weight of hammer or against weight of drill rig

NOTES:

1. The reader must refer to the discussion in the report text, the Key to Boring Log Symbols and the exploration logs for a proper understanding of subsurface conditions.

2. Soil classification system is summarized in Figure A-1.

GEI 86-88 Rev 6/90

Geo Engineers

KEY TO BORING LOG SYMBOLS

FIGURE A-2

LOG OF TEST PIT

DEPTH BELOW GROUND SURFACE (FEET)	SOIL GROUP CLASSIFICATION SYMBOL	DESCRIPTION
		TEST PIT TP-1
0.0 - 1.0	GW-GM	Brown fine to coarse gravel with sand and silt (medium dense, moist) (fill)
1.0 - 18.0	SP-SM	Brown fine to medium sand with silt (medium dense, moist)
18.0 - 25.0	GP-GM	Gray coarse gravel with sand, silt and cobbles (very dense, moist)
25.0 - 26.0	Rock	Brown weathered sandstone
		Test pit completed at 26.0 feet on 9/7/90
		Samples submitted for chemical analysis from 3.5 feet (LR-1), 12 0 feet (LR-3), 19.0 feet (LR-4) and 24 0 feet (LR-5)
		Petroleum-like odor from 23 feet to 26 feet
		Ground water seepage encountered at 25 feet
		Monitor well MW-7 was constructed from 0 to 25 feet on 9/11/90 to monitor hydrocarbon vapor concentrations. The well was abandoned on 2/5/91
		TEST PIT TP-2
0.0 - 10.0	SP-SM	Brown fine to medium sand with silt (medium dense, moist)
		Test pit completed at 10.0 feet on 10/10/90
		No sheen detected
		No samples submitted for chemical analysis
		No ground water seepage encountered
		TEST PIT TP-3
0.0 - 10.0	SP-SM	Brown fine to medium sand with silt (medium dense, moist)
		Test pit completed at 10.0 feet on 10/10/90
		No sheen detected
		No samples submitted for chemical analysis
		No ground water seepage encountered

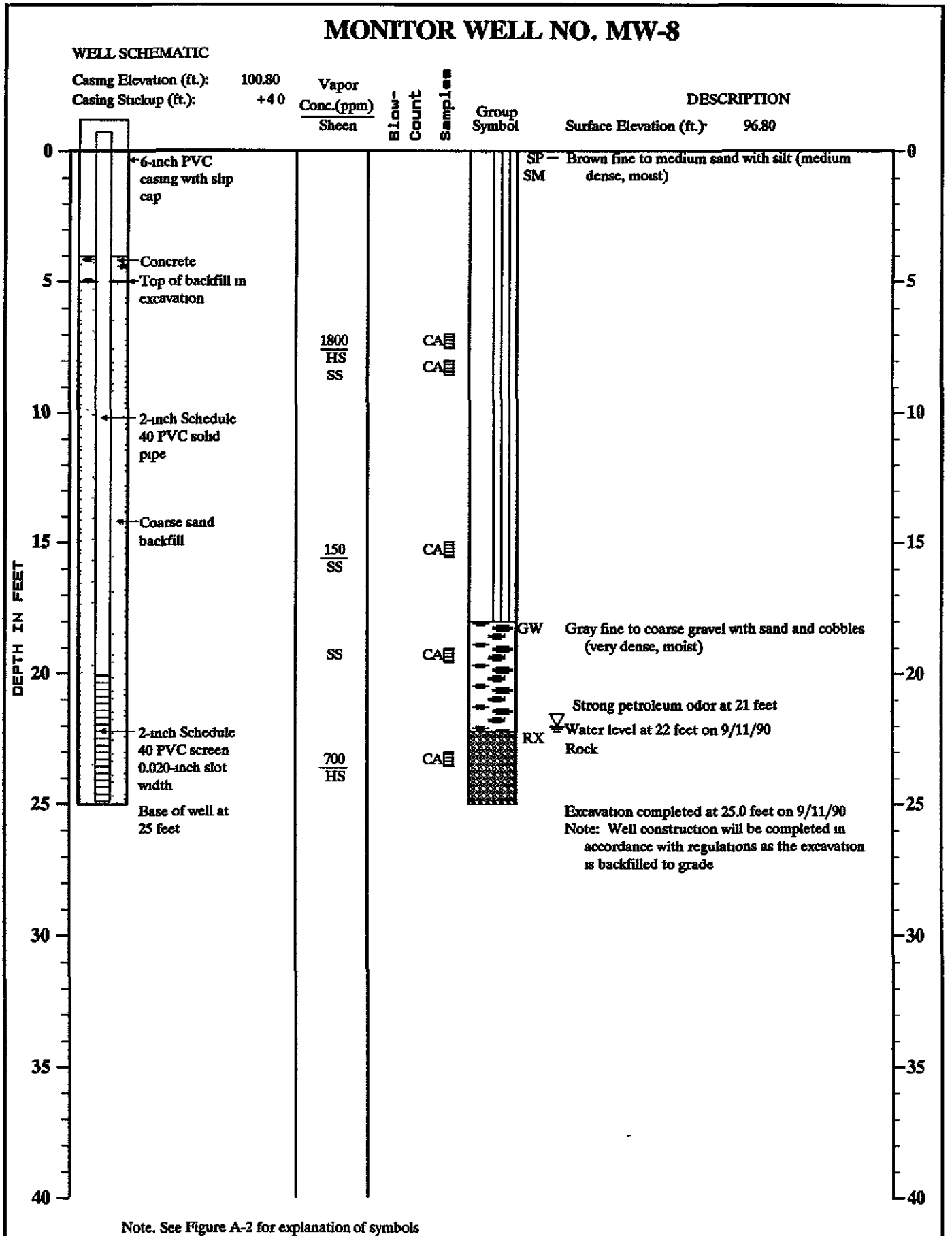
THE DEPTHS ON THE TEST PIT LOGS, ALTHOUGH SHOWN TO 0 1 FOOT, ARE BASED ON AN AVERAGE OF MEASUREMENTS ACROSS THE TEST PIT AND SHOULD BE CONSIDERED ACCURATE TO 0 5 FOOT.

GeoEngineers

LOG OF TEST PIT

FIGURE A-3

MONITOR WELL NO. MW-8



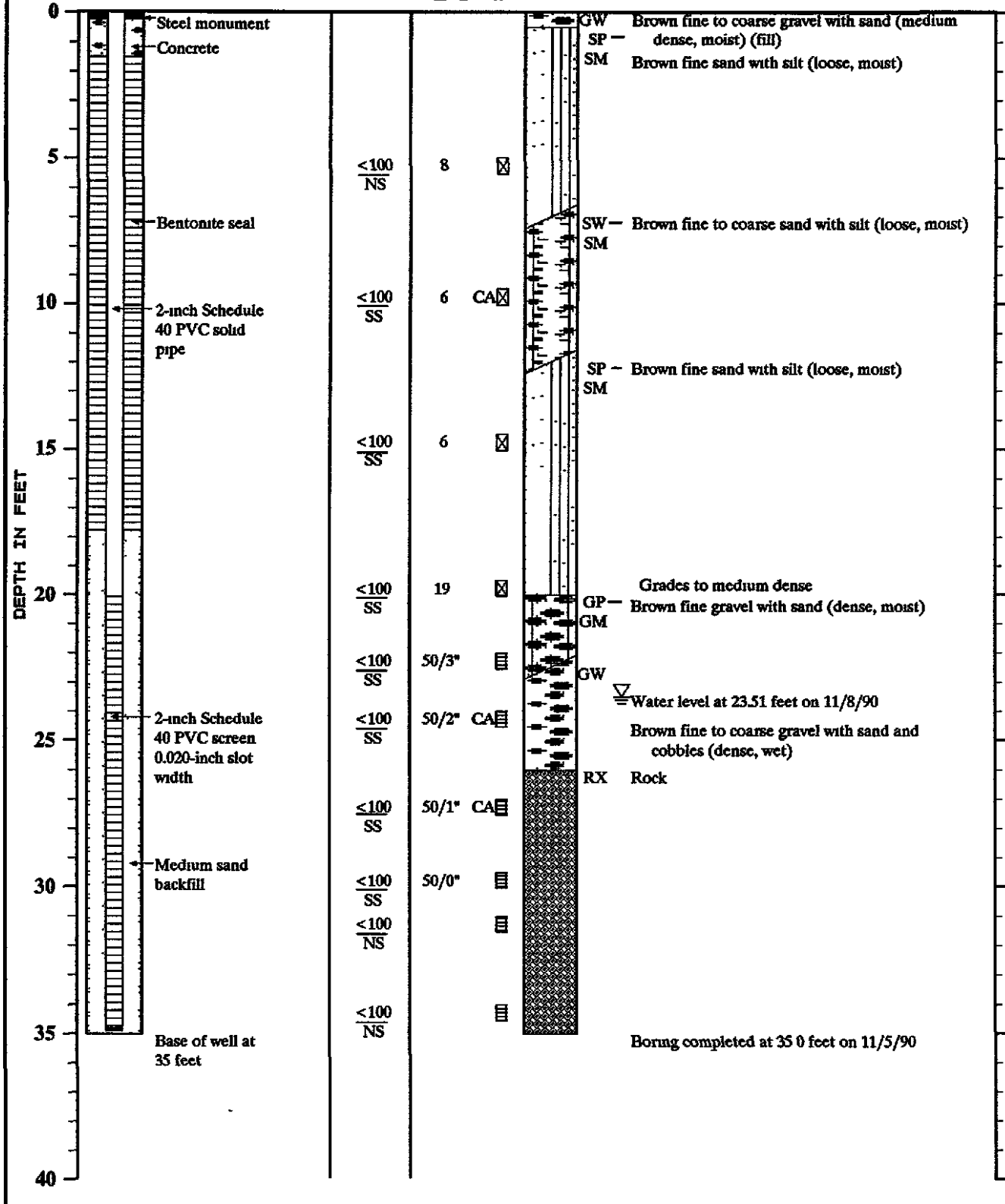
Note. See Figure A-2 for explanation of symbols

Geo Engineers

Log of Monitor Well

Figure A-4

MONITOR WELL NO. MW-9



Note See Figure A-2 for explanation of symbols

Geo Engineers

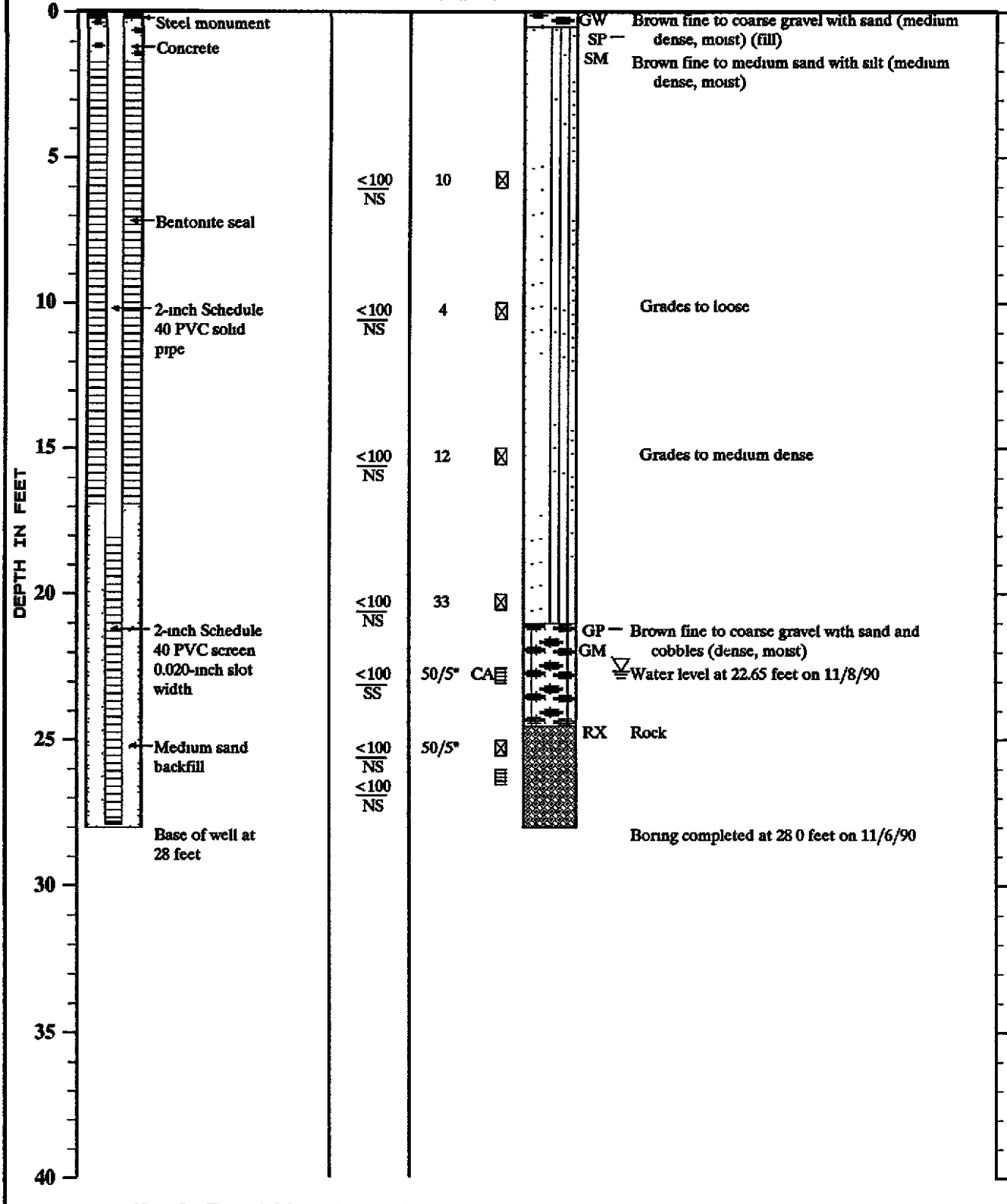
Log of Monitor Well

Figure A-5

:JGR:CMS 2/4/91

0161-229-B04

MONITOR WELL NO. MW-10



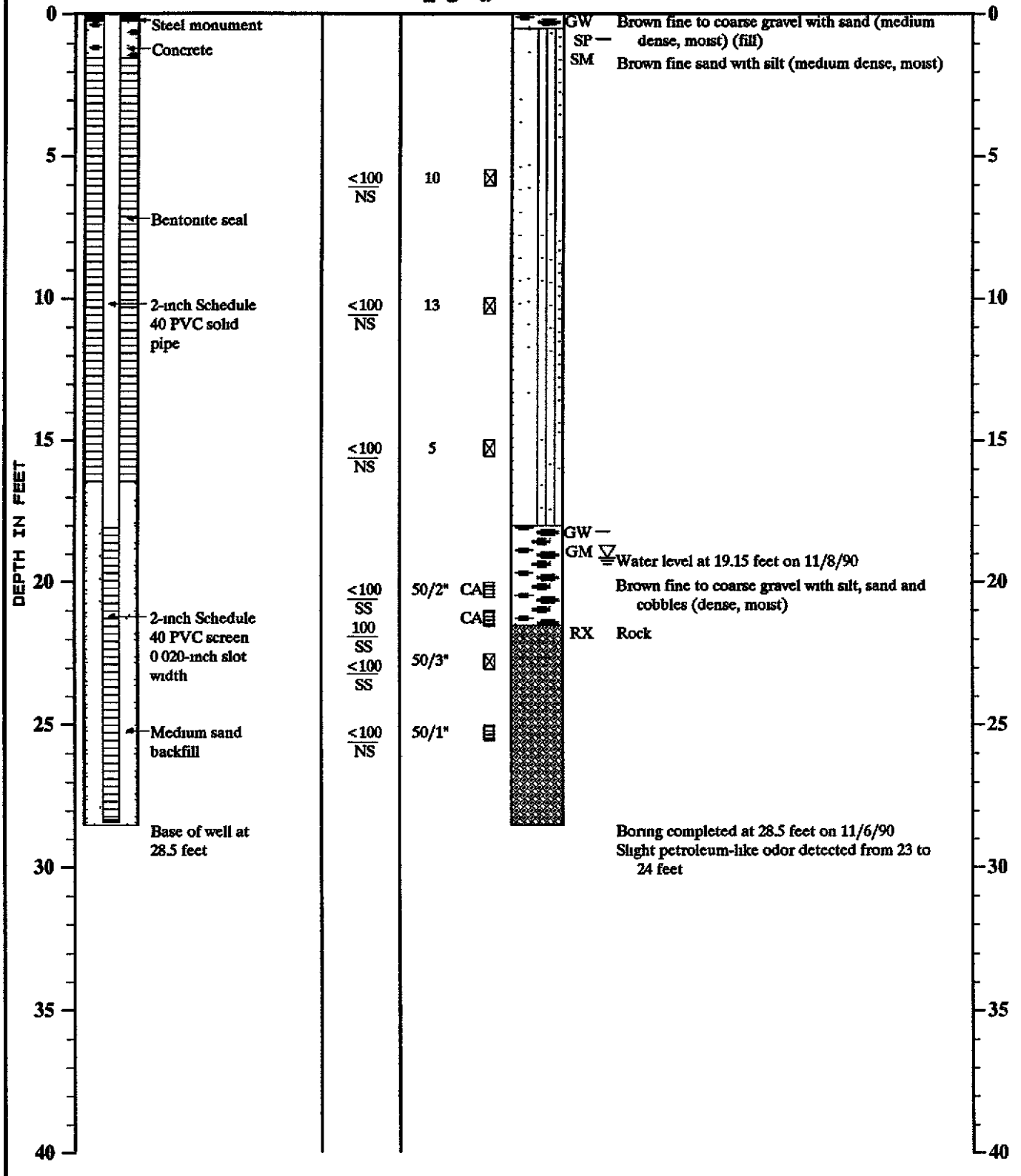
Note. See Figure A-2 for explanation of symbols

Geo Engineers

Log of Monitor Well

Figure A-6

MONITOR WELL NO. MW-11



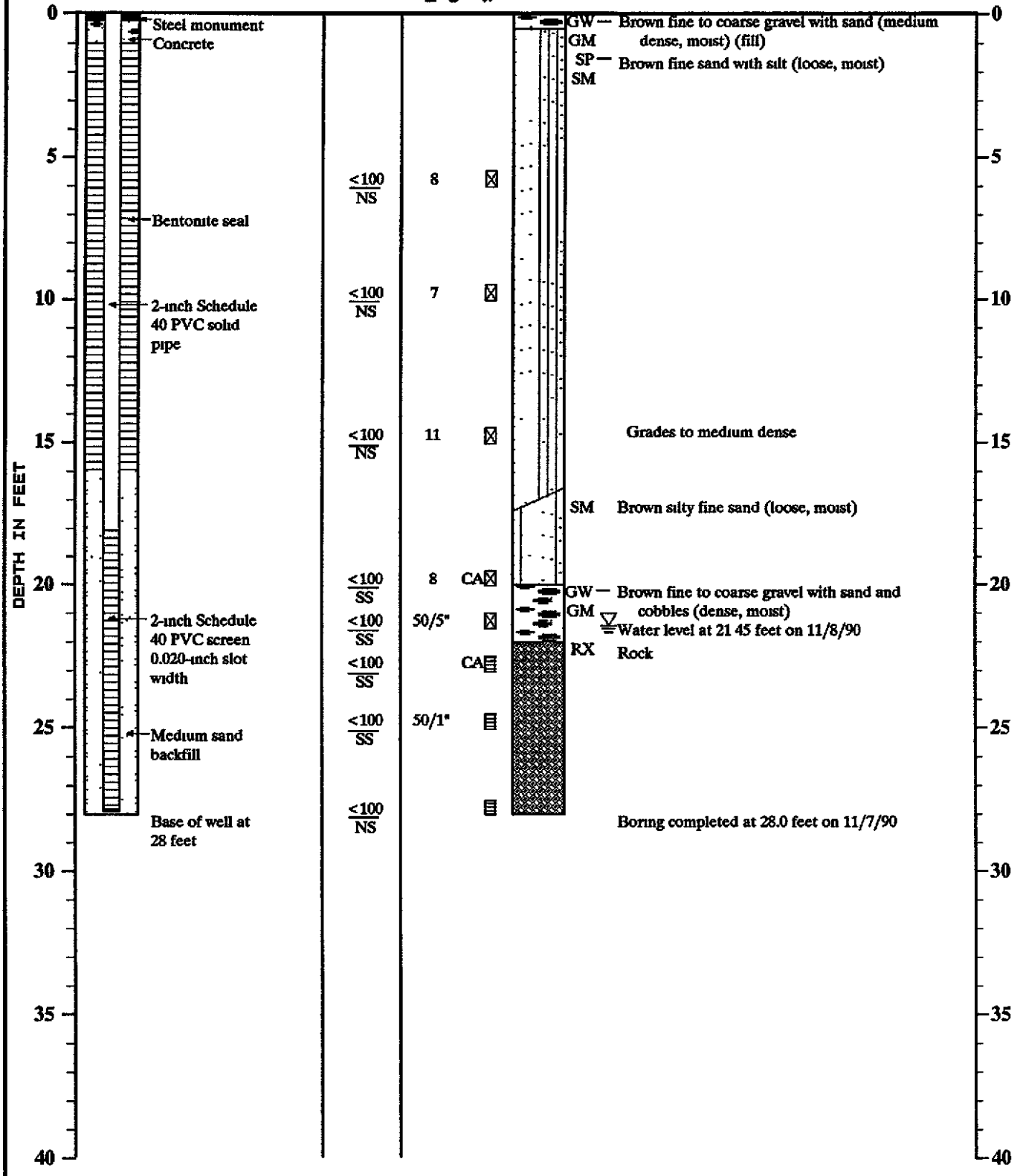
Note See Figure A-2 for explanation of symbols

GeoEngineers

Log of Monitor Well

Figure A-7

MONITOR WELL NO. MW-12



Note See Figure A-2 for explanation of symbols

Geo Engineers

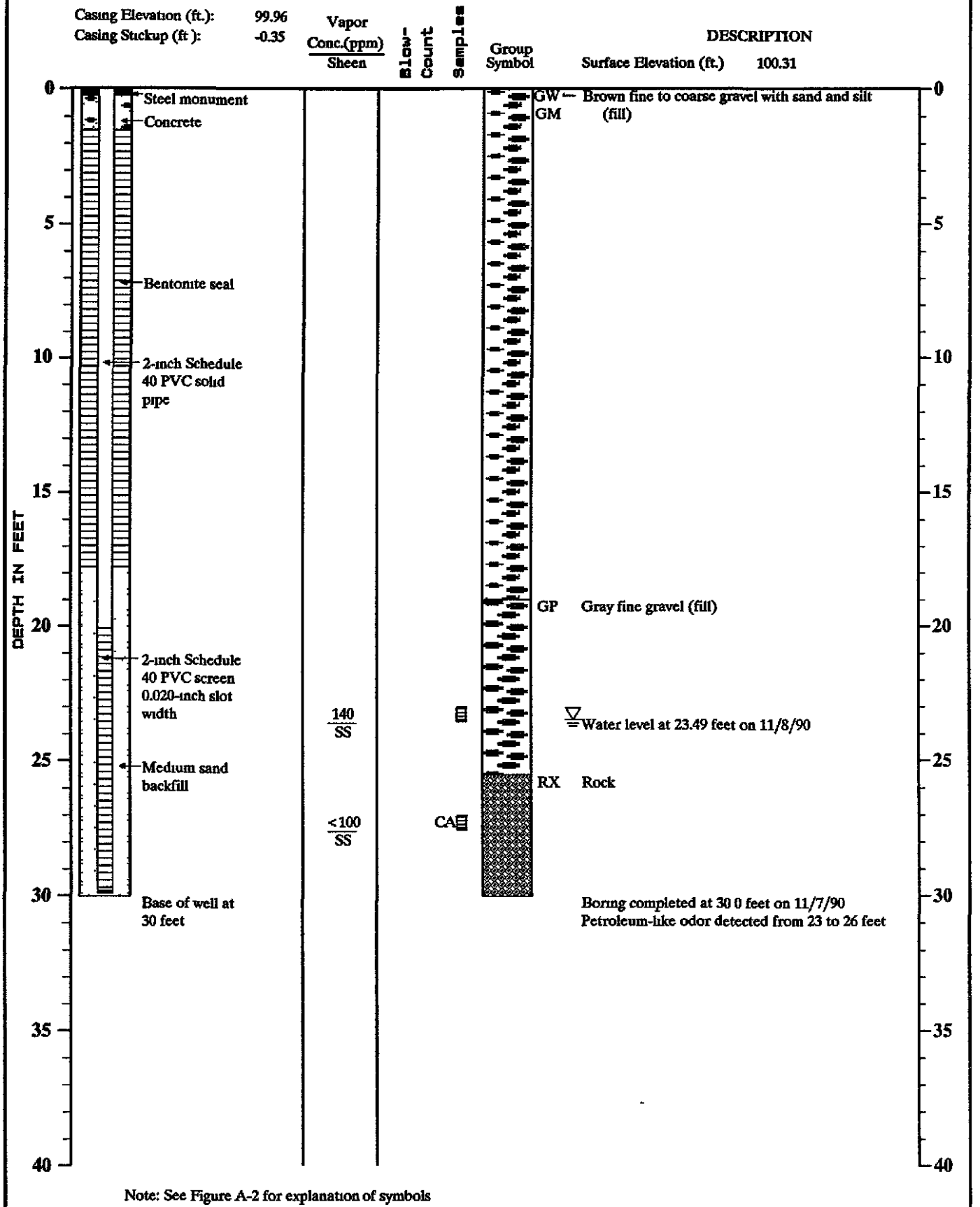
Log of Monitor Well

Figure A-8

:JGR:CMS 2/4/91

0161-229-B04

MONITOR WELL NO. MW-13



Note: See Figure A-2 for explanation of symbols

Geo Engineers

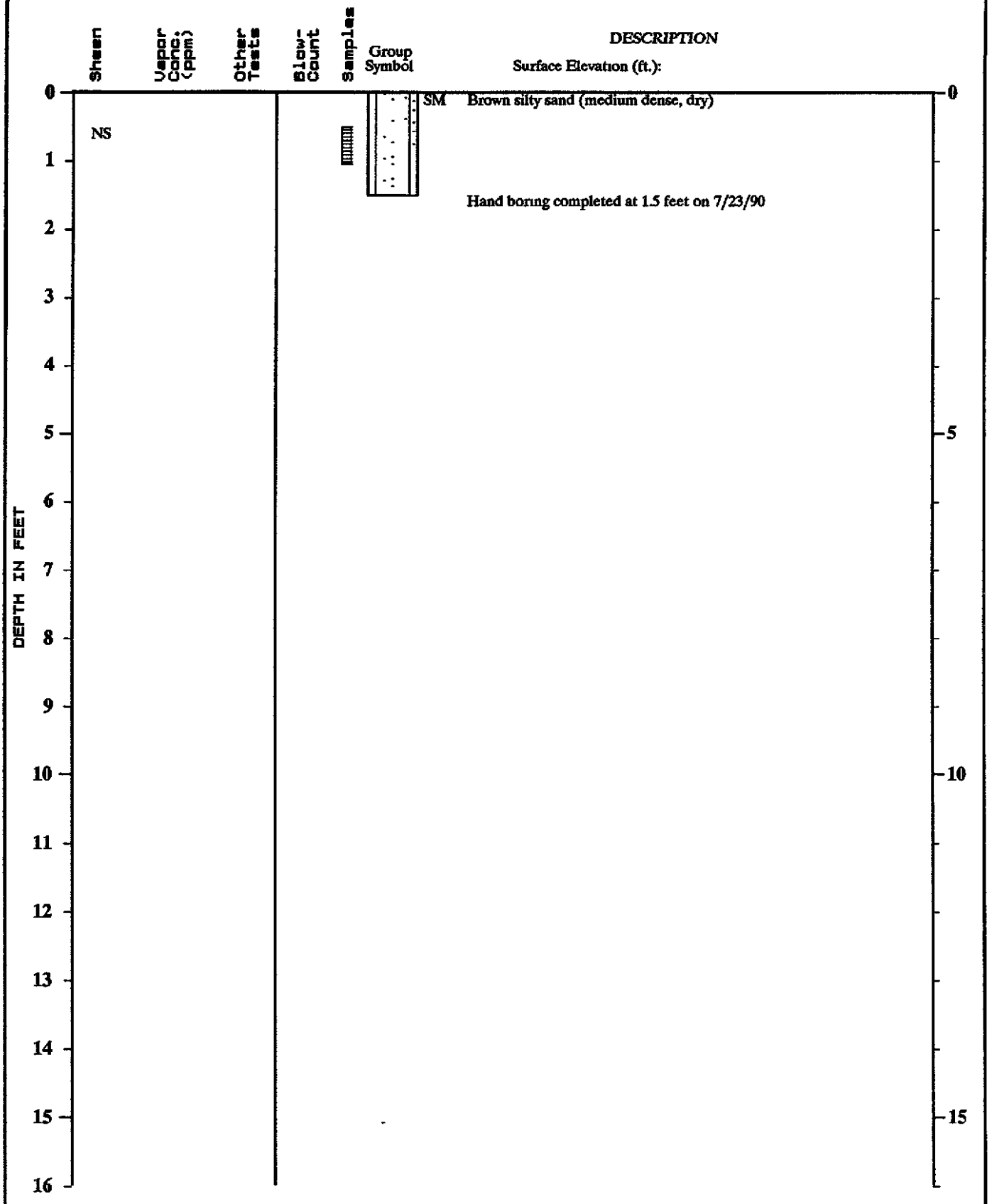
Log of Monitor Well

Figure A-9

:JGR:CMS 2/4/91

0161-229-B04

HAND BORING HB-1



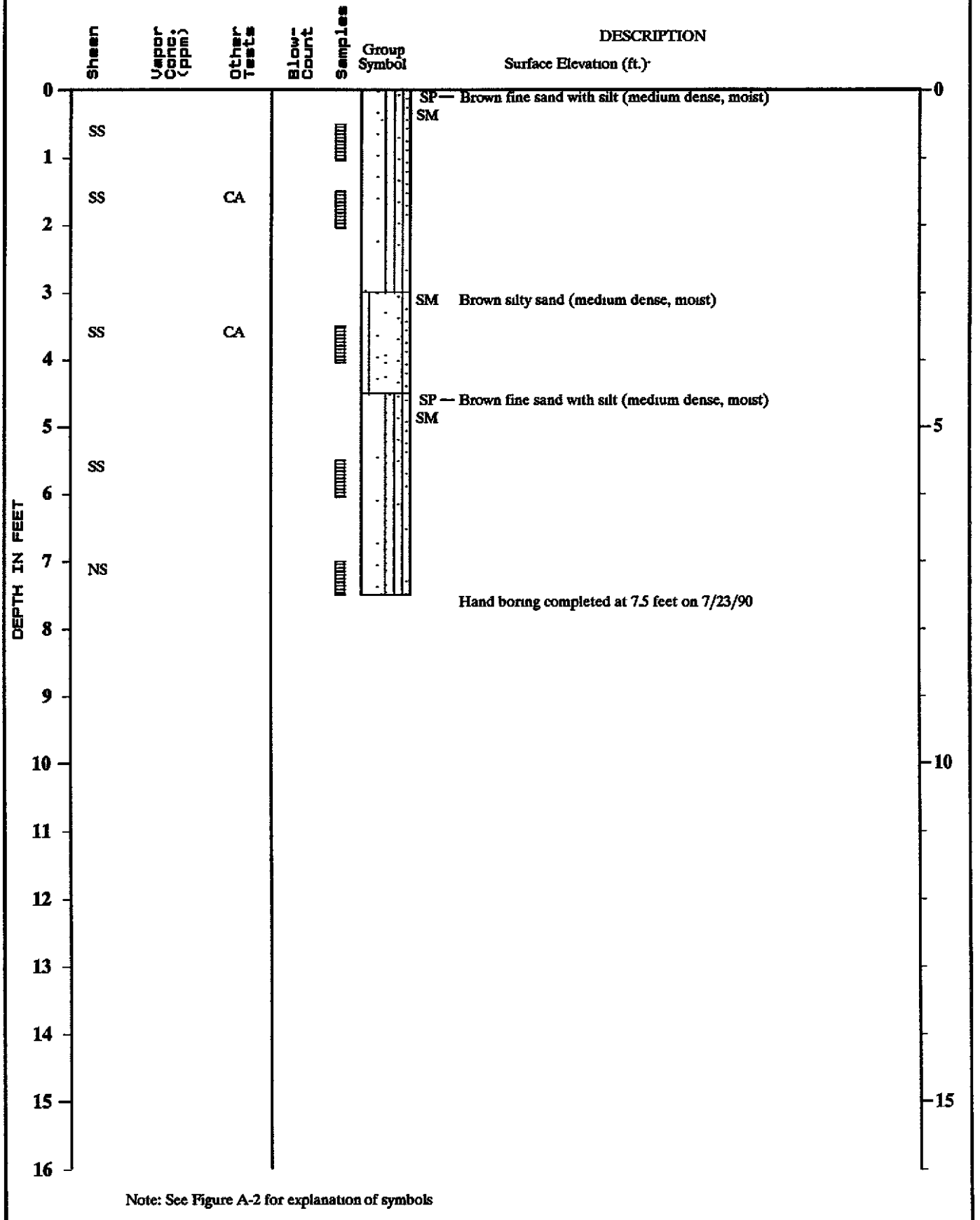
Note. See Figure A-2 for explanation of symbols

Geo Engineers

Log of Hand Boring

Figure A-10

HAND BORING HB-2

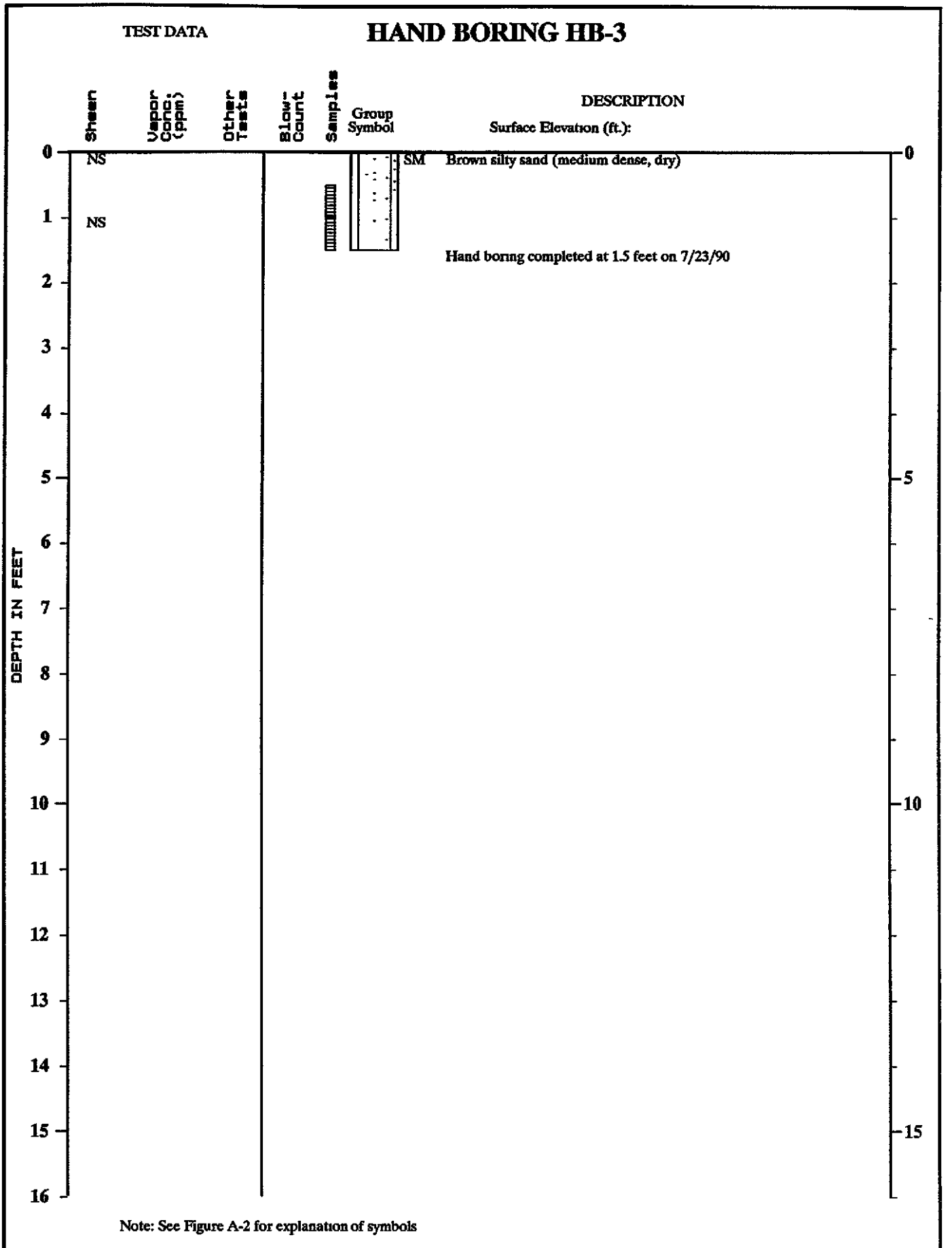


Note: See Figure A-2 for explanation of symbols

GeoEngineers

Log of Hand Boring

Figure A-11



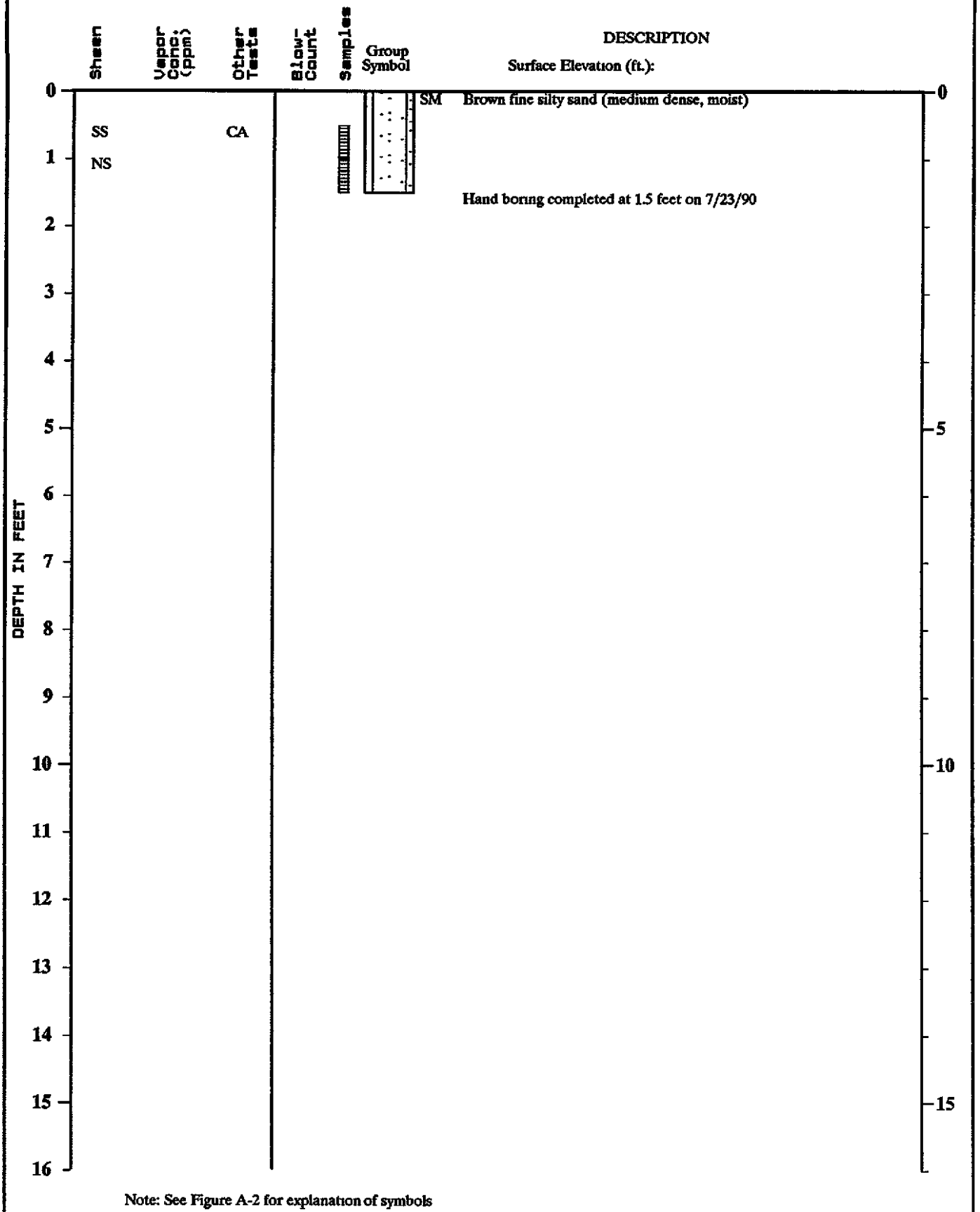
Note: See Figure A-2 for explanation of symbols

Geo Engineers

Log of Hand Boring

Figure A-12

HAND BORING HB-4



Note: See Figure A-2 for explanation of symbols

GeoEngineers

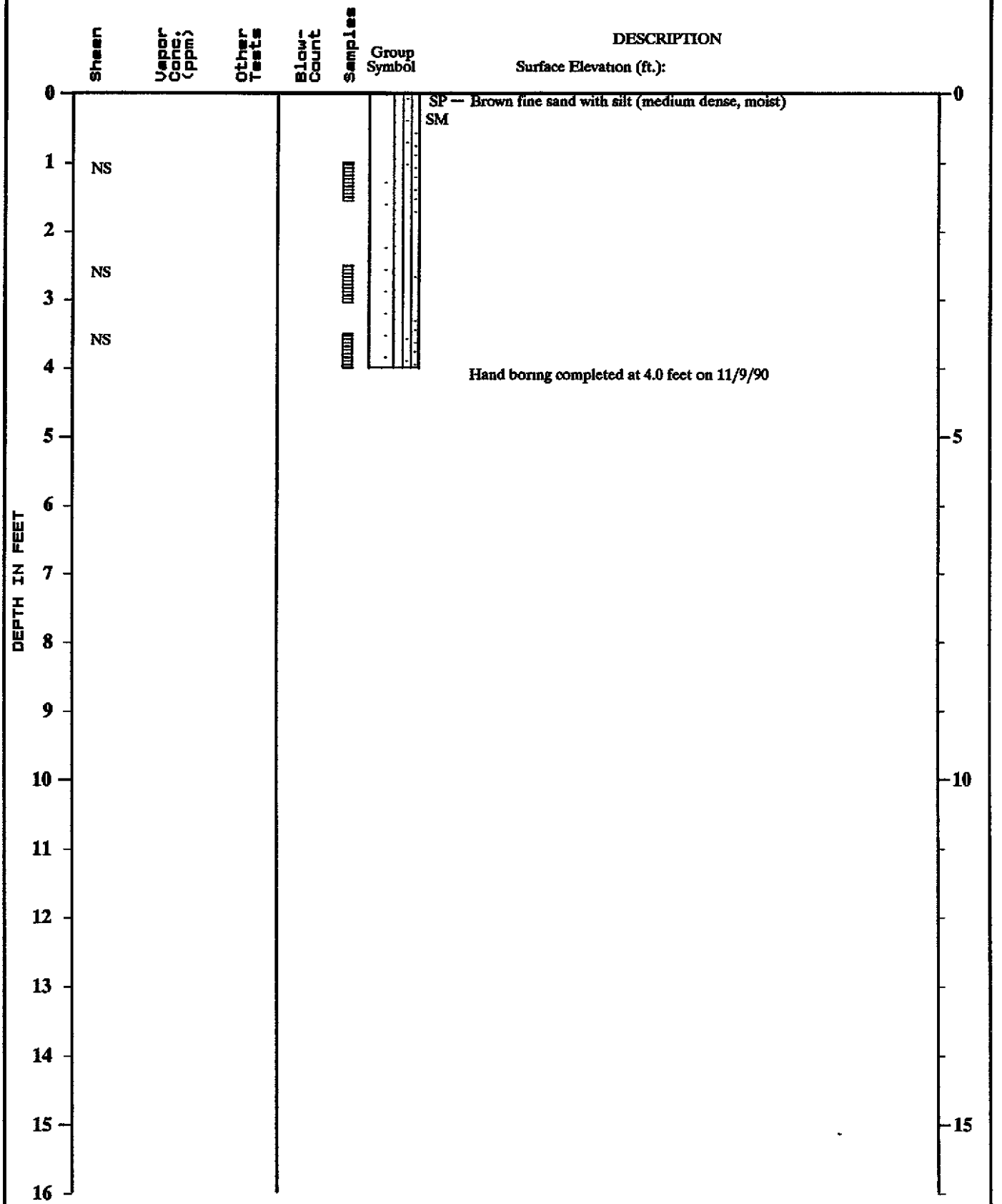
Log of Hand Boring

Figure A-13

:JGR:CMS 2/4/91

0181-229-B04

HAND BORING HB-5



Note. See Figure A-2 for explanation of symbols

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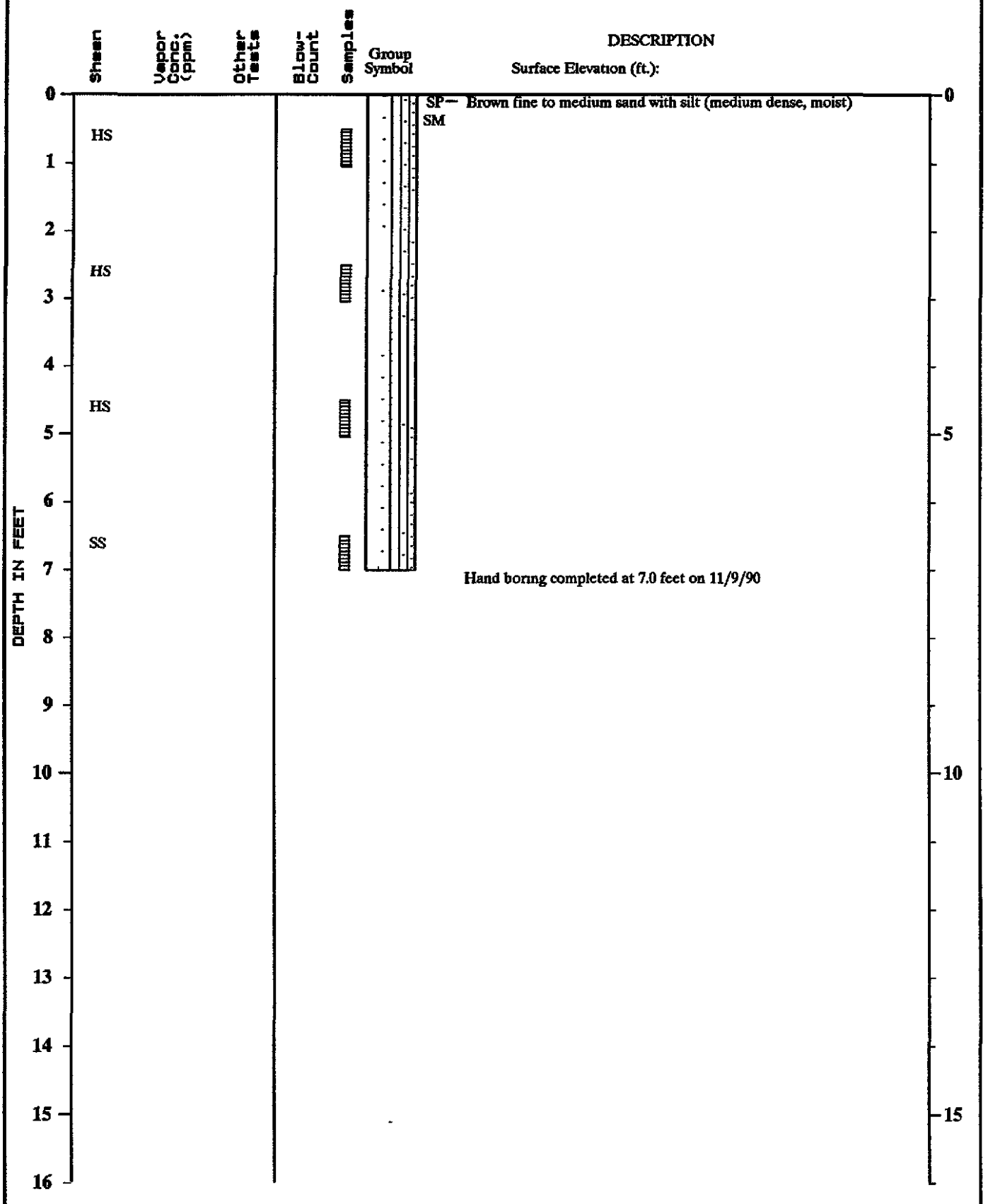
Log of Hand Boring

Figure A-14

:JGR:CMS 2/4/91

0161-229-B04

HAND BORING HB-6



Note: See Figure A-2 for explanation of symbols

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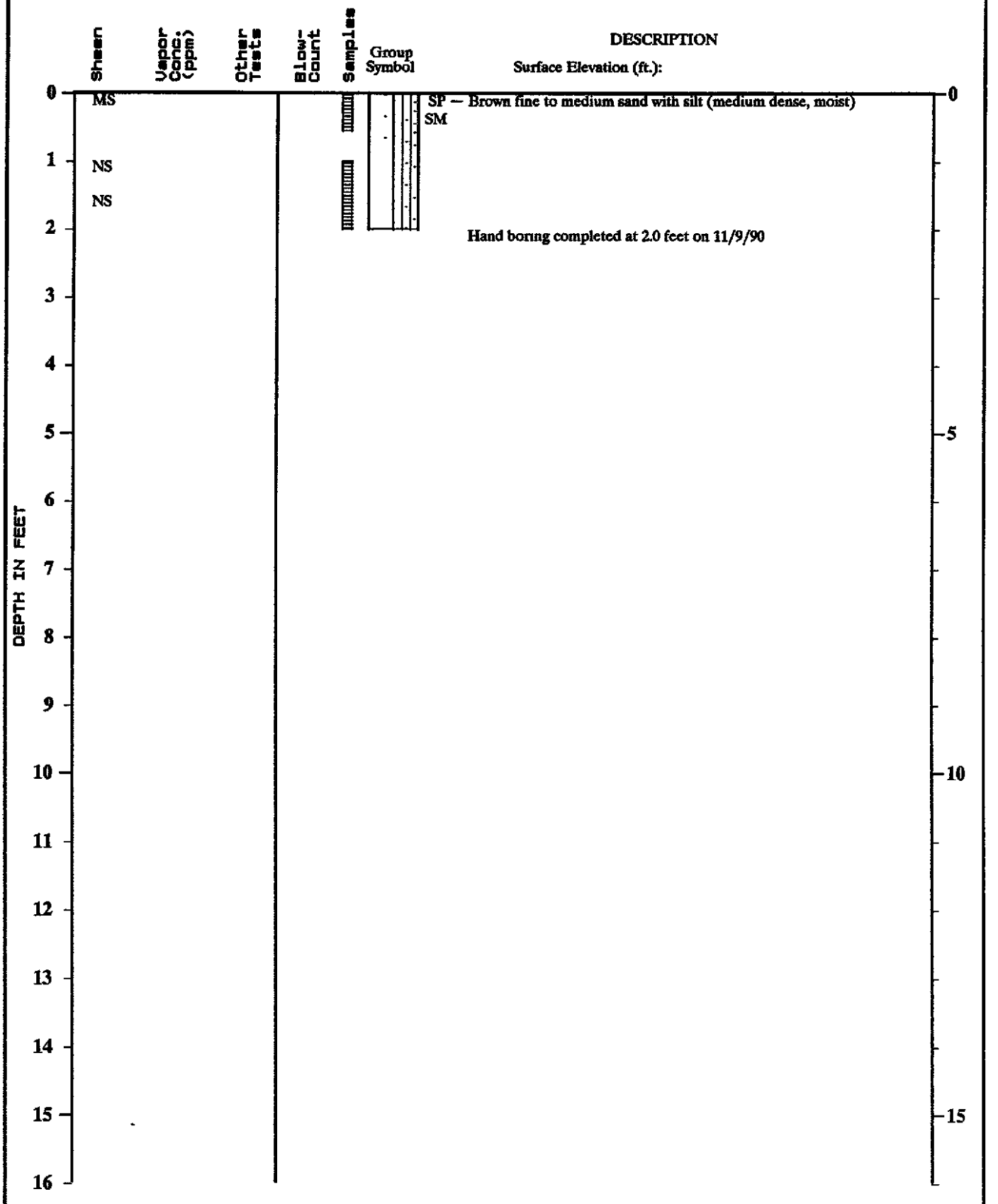
Log of Hand Boring

Figure A-15

HAND BORING HB-7



Note: See Figure A-2 for explanation of symbols

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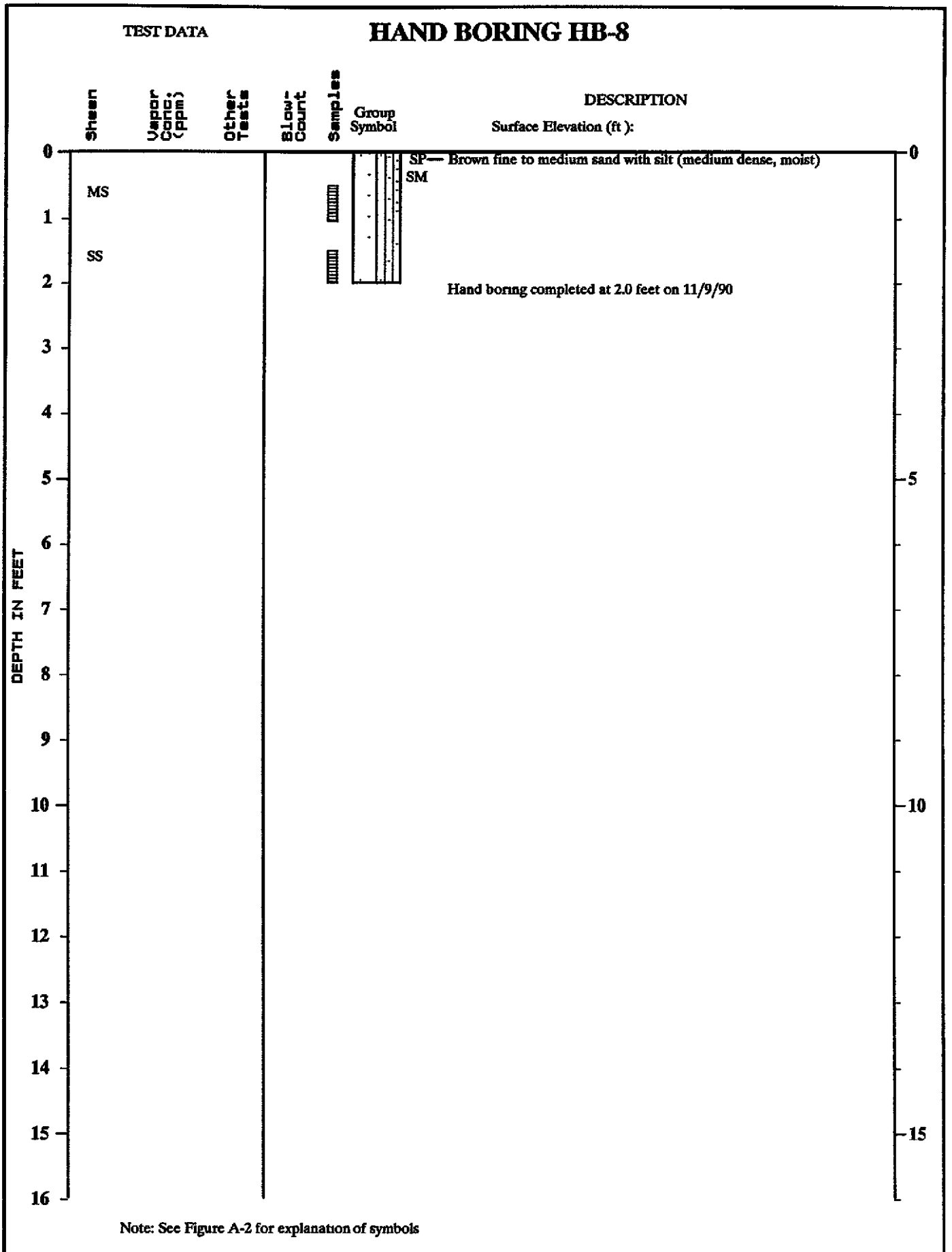
Log of Hand Boring

Figure A-16



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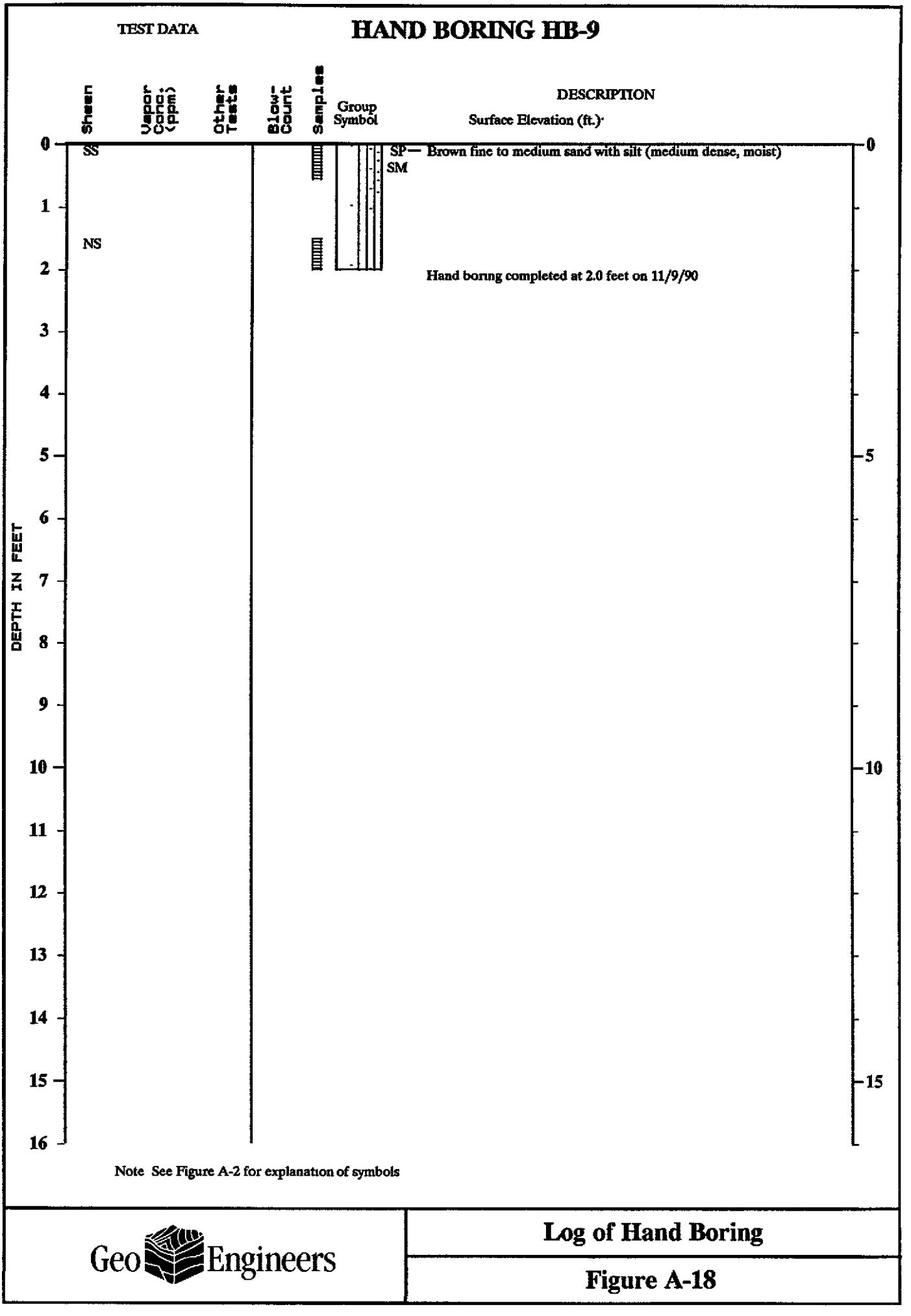
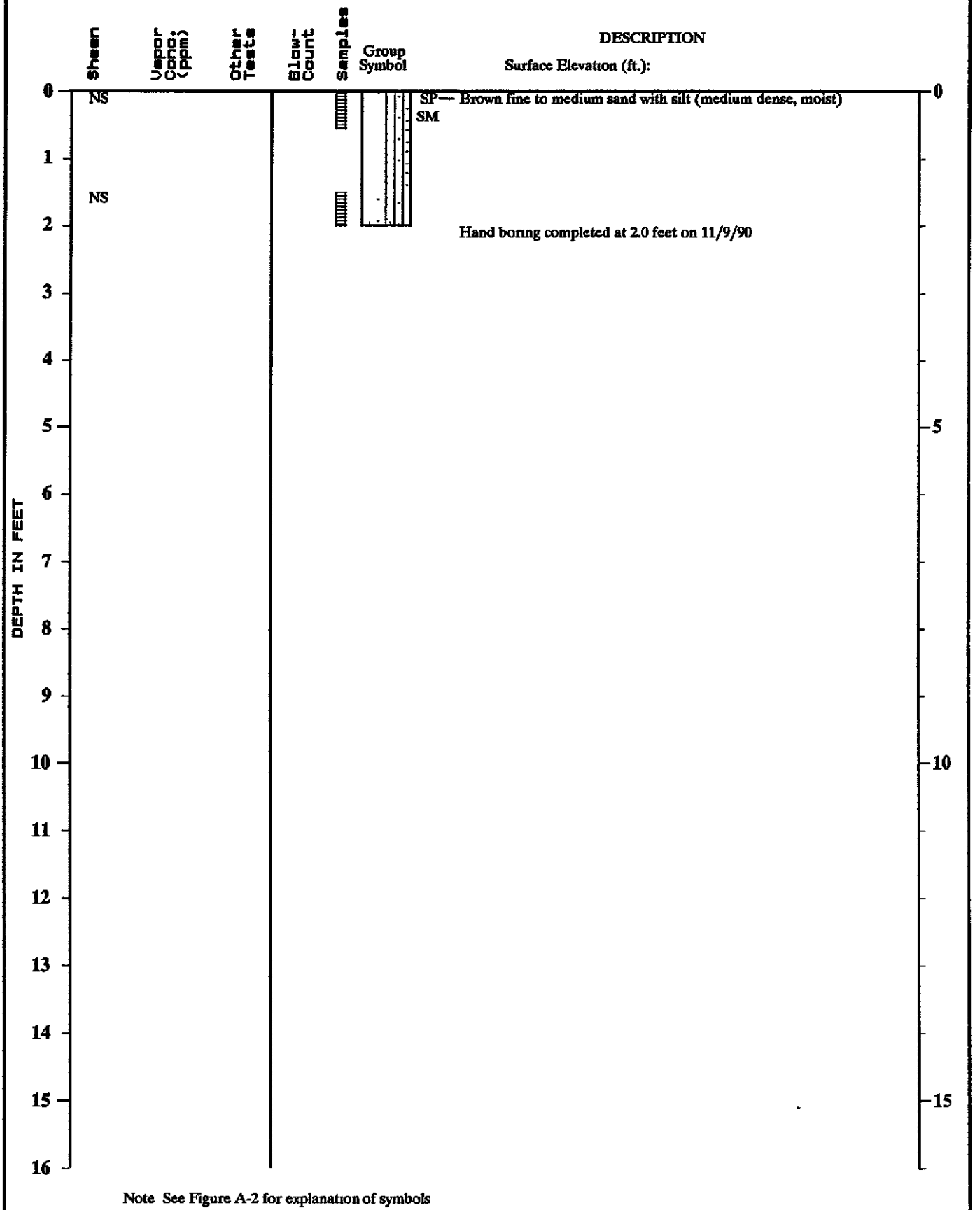
Log of Hand Boring

Figure A-17



HAND BORING HB-10



Note See Figure A-2 for explanation of symbols

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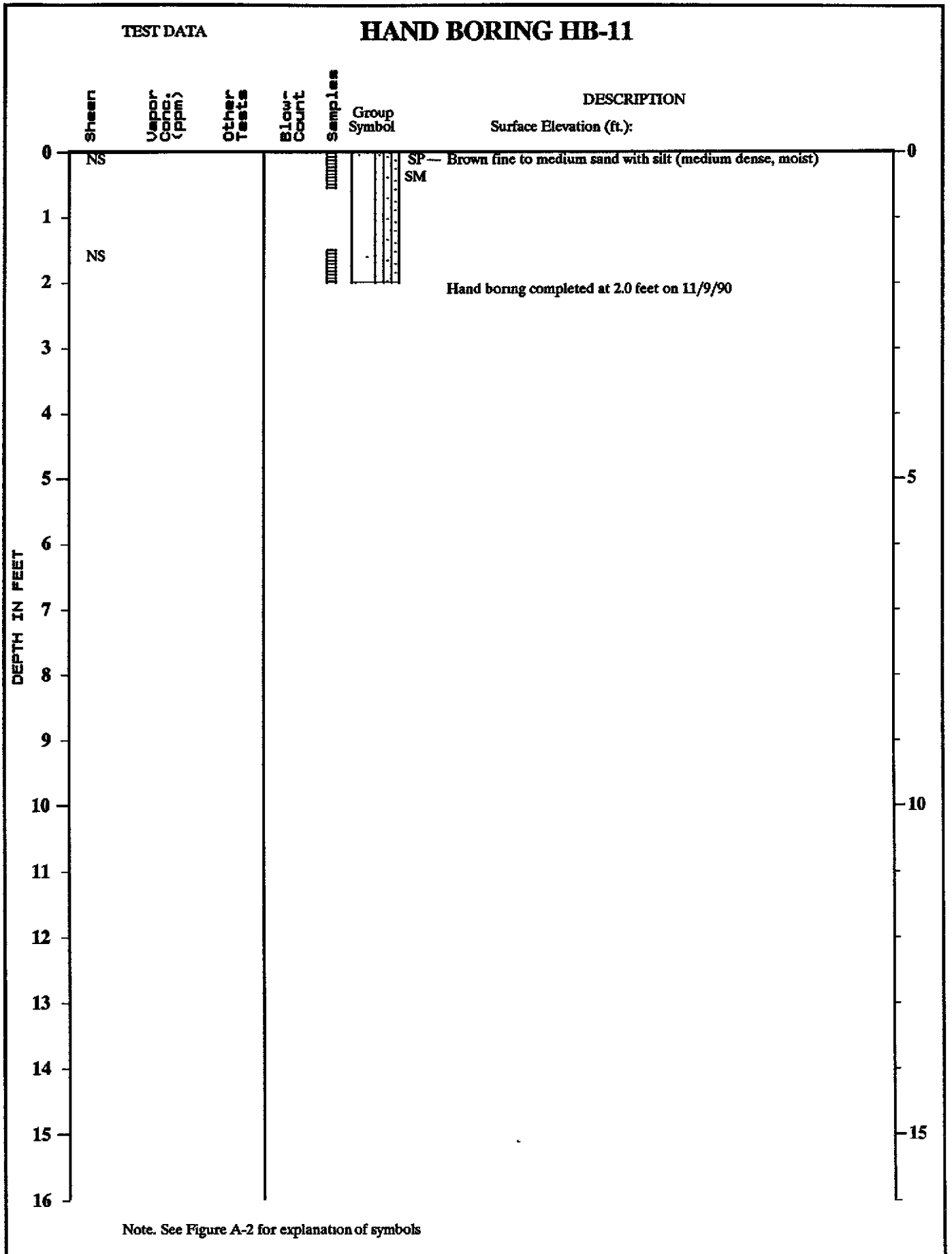
Log of Hand Boring

Figure A-19

:JGR:CMS 2/4/91

0161-229-R04

HAND BORING HB-11



Note. See Figure A-2 for explanation of symbols

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Log of Hand Boring

Figure A-20

SOIL CLASSIFICATION SYSTEM

MAJOR DIVISIONS			GROUP SYMBOL	GROUP NAME
COARSE GRAINED SOILS - MORE THAN 50% RETAINED ON NO. 200 SIEVE	GRAVEL - MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	CLEAN GRAVEL	GW	WELL-GRADED GRAVEL, FINE TO COARSE GRAVEL
			GP	POORLY-GRADED GRAVEL
		GRAVEL WITH FINES	GM	SILTY GRAVEL
			GC	CLAYEY GRAVEL
	SAND - MORE THAN 50% OF COARSE FRACTION PASSES NO. 4 SIEVE	CLEAN SAND	SW	WELL-GRADED SAND, FINE TO COARSE SAND
			SP	POORLY-GRADED SAND
		SAND WITH FINES	SM	SILTY SAND
			SC	CLAYEY SAND
FINE GRAINED SOILS - MORE THAN 50% PASSES NO. 200 SIEVE	SILT AND CLAY - LIQUID LIMIT LESS THAN 50	INORGANIC	ML	SILT
			CL	CLAY
		ORGANIC	OL	ORGANIC SILT, ORGANIC CLAY
	SILT AND CLAY - LIQUID LIMIT 50 OR MORE	INORGANIC	MH	SILT OF HIGH PLASTICITY, ELASTIC SILT
			CH	CLAY OF HIGH PLASTICITY, FAT CLAY
		ORGANIC	OH	ORGANIC CLAY, ORGANIC SILT
HIGHLY ORGANIC SOILS			PT	PEAT

NOTES:

1. Field classification is based on visual examination of soil in general accordance with ASTM D2488-84.
2. Soil classification using laboratory tests is based on ASTM D2487-85.
3. Descriptions of soil density or consistency are based on interpretation of blowcount data, visual appearance of soils, and/or test data.

SOIL MOISTURE MODIFIERS:

Dry - Absence of moisture, dusty, dry to the touch

Moist - Damp, but no visible water

Wet - Visible free water or saturated, usually soil is obtained from below water table

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SOIL CLASSIFICATION SYSTEM

FIGURE A-1

LABORATORY TESTS:

CA Chemical Analysis

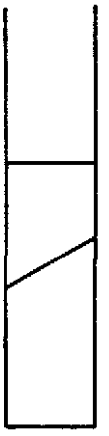
FIELD SCREENING TESTS:

Headspace vapor concentration data given in parts per million

Sheen classification system:

NS No Visible Sheen
SS Slight Sheen
MS Moderate Sheen
HS Heavy Sheen
NT Not Tested

SOIL GRAPH:



SM Soil Group Symbol (See Note 2)

Distinct Contact Between Soil Strata

Gradual or Approximate Location of Change Between Soil Strata

Water Level

Bottom of Boring

BLOW-COUNT/SAMPLE DATA

Blows required to drive a 2.4-inch I.D. split-barrel sampler 12 inches or other indicated distances using a 300-pound hammer falling 30 inches.

22 Location of relatively undisturbed sample

12 Location of disturbed sample

17 Location of sampling attempt with no recovery

Blows required to drive a 1 5-inch I.D. (SPT) split-barrel sampler 12 inches or other indicated distances using 140-pound hammer falling 30 inches.

10 Location of sample obtained in general accordance with Standard Penetration Test (ASTM D-1586) procedures

26 Location of SPT sampling attempt with no recovery

Location of grab sample

"P" indicates sampler pushed with weight of hammer or against weight of drill rig.

NOTES:

1. The reader must refer to the discussion in the report text, the Key to Boring Log Symbols and the exploration logs for a proper understanding of subsurface conditions

2. Soil classification system is summarized in Figure A-1.

GEI 121-90

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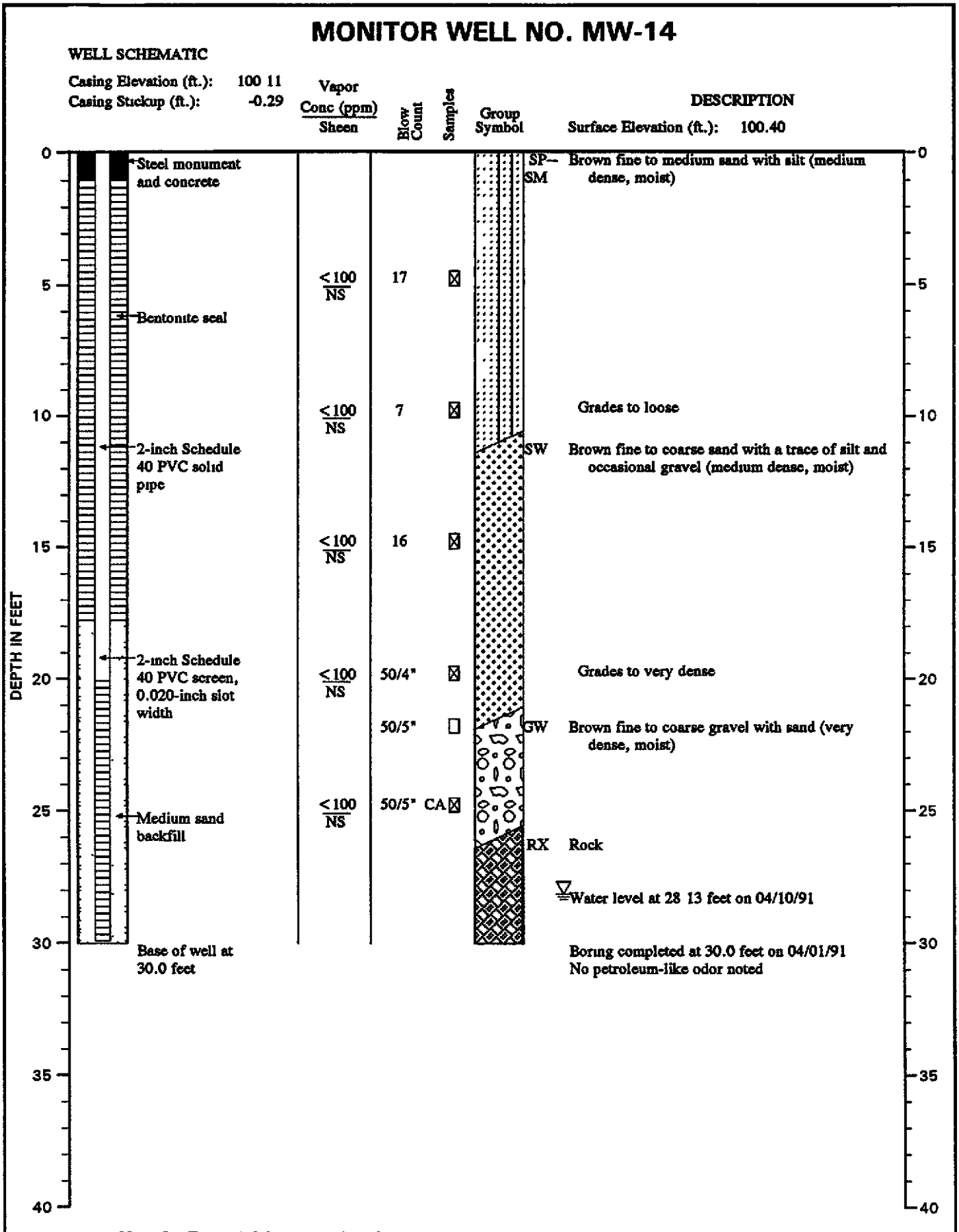
KEY TO BORING LOG SYMBOLS

FIGURE A-2

MONITOR WELL NO. MW-14



Note. See Figure A-2 for explanation of symbols

Geo Engineers

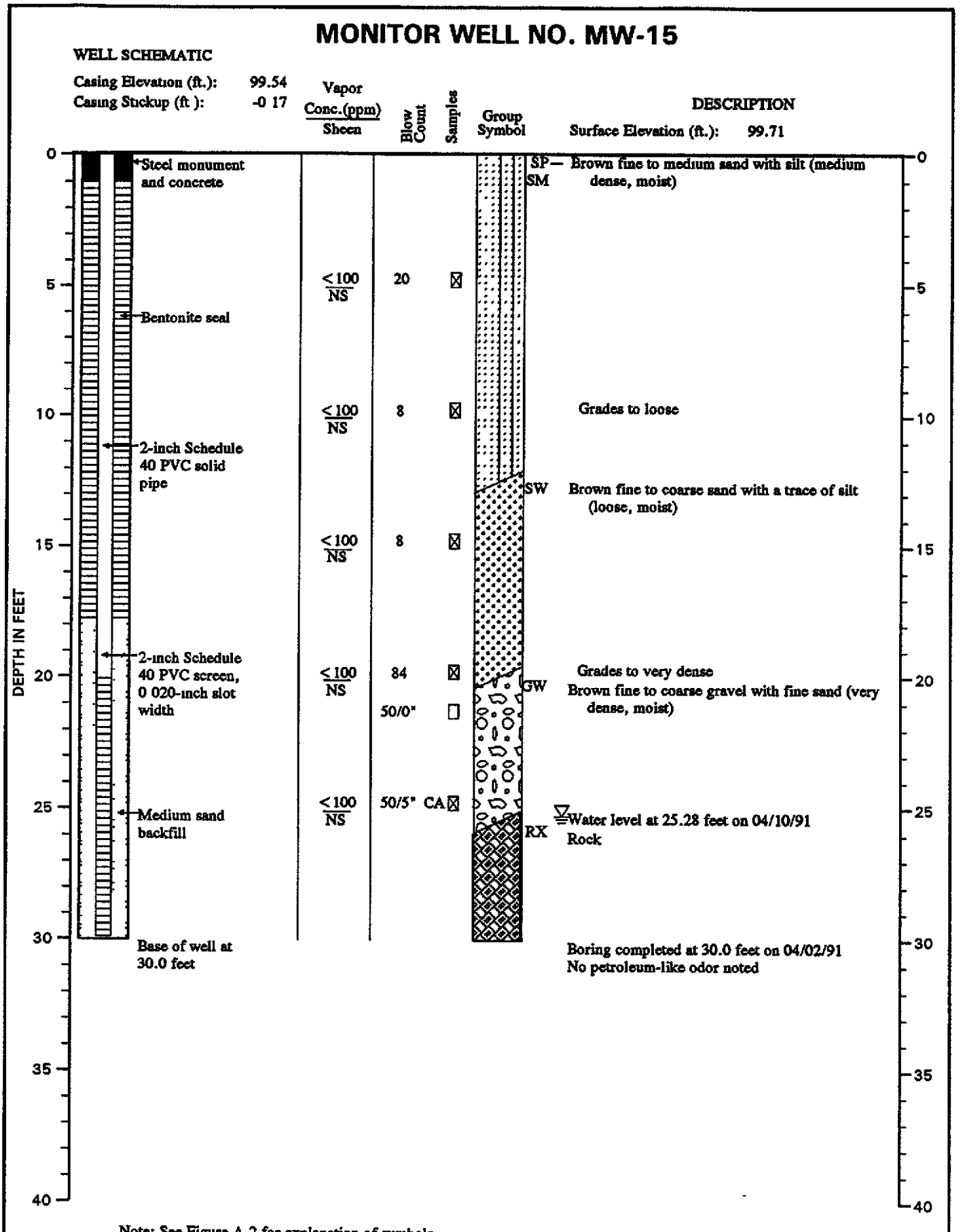
Log of Monitor Well

Figure A-3

JGR CAH CMS 11/13/91

0161-229-B04

MONITOR WELL NO. MW-15



Note: See Figure A-2 for explanation of symbols

Geo Engineers

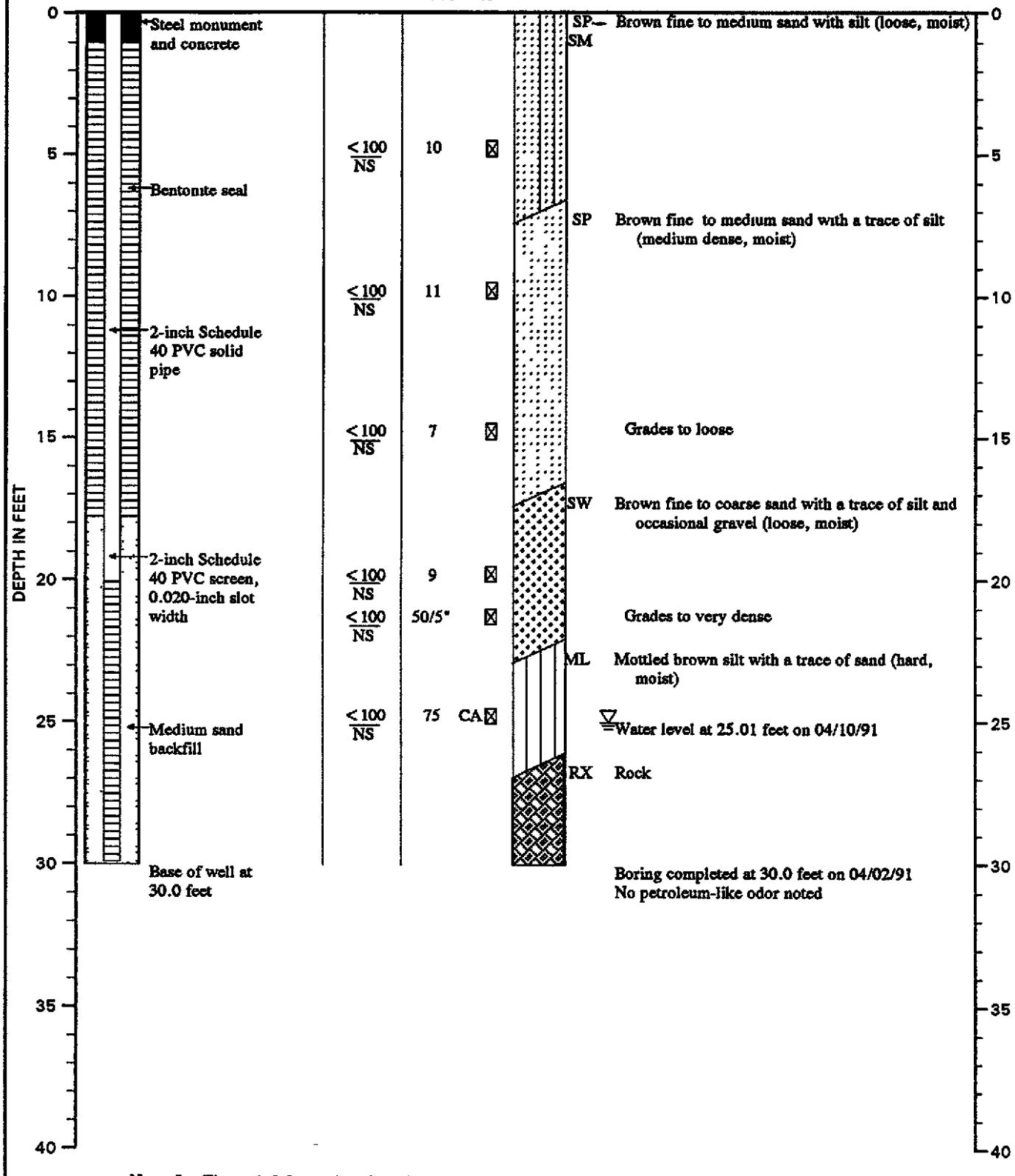
Log of Monitor Well

Figure A-4

JGR CAH CMS 11/13/91

0161-229-B04

MONITOR WELL NO. MW-16



Note: See Figure A-2 for explanation of symbols

Geo Engineers

Log of Monitor Well

Figure A-5

JGR CAH CMS 11/13/91

0161-229-B04

Monitoring Well: MW-18

Project: 76 Products Facility No. 351385
Client: Chevron EMC
Location: 6 N 5th St, Wenatchee, WA
Logged By: S. Brown

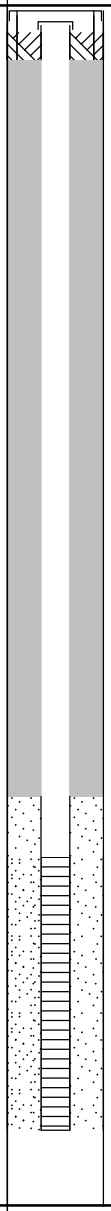
Date Started: 8/14/2013
Date Completed: 8/14/2013
Driller: Stratus Corp
Drill Method: Air Knife/Geoprobe

Total Boring Depth: 22 ft
Hole Diameter: 4 in
Well Depth: 20.62 ft
TOC Elevation: 649.78 ft

Well Diameter: 2 in
Well Screen: 15.62-20.62 ft
Filter Pack: Pre-pack
Well Casing: Sch. 40 PVC

MOISTURE CONTENT	ORGANIC VAPOR (ppm)	SAMP. INTERVAL	ANALYTICAL SAMPLE	ANALYTICAL RESULTS (mg/kg)	U.S.C.S. SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION
Dry	0.0				SP-SM		1	(SP-SM) Brown, fine to medium SAND with 10% silt; no odor, no sheen.
							2	
							3	
Dry	0.0						4	Same as above; no odor, no sheen.
							5	
Dry	0.0						6	(SP-SM) Same as above; no odor, no sheen.
					SP-SM		7	
							8	Same as above; no odor, no sheen.
Dry	0.0						9	
Dry	0.0						10	Same as above; no odor, no sheen.
	0.0						11	(SP-SM) Same as above; no odor, no sheen.
Dry	0.0				SP-SM		12	Same as above; no odor, no sheen.
	0.0						13	Same as above; no odor, no sheen.
Dry	0.0						14	(SP-SM) Same as above; no odor, no sheen.
	0.0						15	Same as above; no odor, no sheen.
Dry	0.0						16	Same as above; no odor, no sheen.
	0.0						17	(SP-SM) Same as above; no odor, no sheen.
Dry	0.0				SP-SM		18	Same as above; no odor, no sheen.
	0.0						19	Same as above; no odor, no sheen.
Dry	0.0		MW-18-21	G <1.1 D <3.4 HO = 97 B = 0.0009			20	(SP-SM) Same as above; no odor, no sheen.
	0.0						21	Same as above; no odor, no sheen.
Dry	0.0						22	Bedrock at 22 feet. Bottom of borehole at 22.0 feet.
			MW-18-22	G <1.2 D <3.1 HO <10 B <0.0006			23	
							24	
							25	
							26	
							27	

WELL DIAGRAM



Monitoring Well: MW-19

Project: 76 Products Facility No. 351385
Client: Chevron EMC
Location: 6 N 5th St, Wenatchee, WA
Logged By: S. Brown

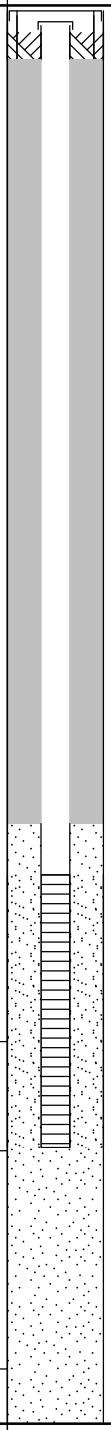
Date Started: 8/14/2013
Date Completed: 8/14/2013
Driller: Stratus Corp
Drill Method: Air Knife/Geoprobe

Total Boring Depth: 26 ft
Hole Diameter: 4 in
Well Depth: 20.94 ft
TOC Elevation: 648.92 ft

Well Diameter: 2 in
Well Screen: 15.94-20.94 ft
Filter Pack: Pre-pack
Well Casing: Sch. 40 PVC

MOISTURE CONTENT	ORGANIC VAPOR (ppm)	SAMP. INTERVAL	ANALYTICAL SAMPLE	ANALYTICAL RESULTS (mg/kg)	U.S.C.S. SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION
Dry	0.0				SP-SM		1	(SP-SM) Brown, medium dense, fine SAND with 10% silt; no odor, no sheen.
							2	
							3	
Dry	0.0						4	Same as above; no odor, no sheen.
							5	
Dry	0.0						6	(SP-SM) Light brown, medium dense, fine SAND with 10% silt; no odor, no sheen.
					SP-SM		7	
							8	Brown, medium dense, fine SAND with 10% silt; no odor, no sheen.
							9	
Dry	0.0						10	Same as above; no odor, no sheen.
	0.0						11	(SP-SM) Same as above; no odor, no sheen.
Dry	0.0				SP-SM		12	Same as above; no odor, no sheen.
	0.0						13	Same as above; no odor, no sheen.
Dry	0.1						14	(SP-SM) Same as above; no odor, no sheen.
	0.0				SP-SM		15	Same as above; no odor, no sheen.
Dry	0.0						16	Same as above; no odor, no sheen.
	0.0						17	(SP-SM) Same as above; no odor, no sheen.
Dry	0.1				SP-SM		18	Same as above; no odor, no sheen.
	0.0						19	(SP) Brown, medium dense, coarse SAND with <5% silt; no odor, no sheen.
Dry	0.0				SP		20	Same as above; no odor, no sheen.
Moist	0.0		MW-19-21	G <1.2 D <3.4 HO <11 B = 0.001			21	Brown, medium dense, silty SAND with 25% silt; no odor, no sheen.
Dry	0.0						22	Same as above with cobbles; no odor, no sheen.
	0.0						23	(SM) Brown, medium dense, silty, medium SAND with 25% silt and <5% gravel; no odor, no sheen.
Dry	0.0				SM		24	Same as above; no odor, no sheen.
	0.0		MW-19-26	G = 1.9 D <3.3 HO <11 B = 0.004			25	Unconsolidated Bedrock.
Dry	0.0						26	Refusal at 26 feet. Bottom of borehole at 26.0 feet.
							27	

WELL DIAGRAM



Soil Boring: SB-1

Project: 76 Products Facility No. 351385
Client: Chevron EMC
Location: 6 N 5th St, Wenatchee, WA

Logged By: S. Brown
Date Started: 8/13/2013
Date Completed: 8/13/2013

Driller: SAIC
Drill Method: Hand Auger
Total Boring Depth: 5.5 ft
Elevation: ft

MOISTURE CONTENT	ORGANIC VAPOR (ppm)	SAMP. INTERVAL	ANALYTICAL SAMPLE	ANALYTICAL RESULTS (mg/kg)	U.S.C.S. SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION
Dry	0.0				SP-SM		1	(SP-SM) Brown, medium dense, fine SAND with 10% silt; no odor, no sheen.
Dry	0.0						2	Same as above; no odor, no sheen.
Dry	0.0				SP-SM		3	(SP-SM) Same as above; no odor, no sheen.
Dry	0.0						4	Same as above; no odor, no sheen.
Dry	0.0		SB-1-5	G <1.4 D <3.5 HO <12 B = 0.0009	SP-SM		5	(SP-SM) Same as above; no odor, no sheen.
							6	Obstruction at 5.5 feet. Bottom of borehole at 5.5 feet.
							7	
							8	
							9	
							10	
							11	
							12	
							13	
							14	
							15	

Soil Boring: SB-2

Project: 76 Products Facility No. 351385
Client: Chevron EMC
Location: 6 N 5th St, Wenatchee, WA

Logged By: S. Brown
Date Started: 8/13/2013
Date Completed: 8/13/2013

Driller: SAIC
Drill Method: Hand Auger
Total Boring Depth: 5.5 ft
Elevation: ft

MOISTURE CONTENT	ORGANIC VAPOR (ppm)	SAMP. INTERVAL	ANALYTICAL SAMPLE	ANALYTICAL RESULTS (mg/kg)	U.S.C.S. SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION
Dry	0.0				SP-SM		1	(SP-SM) Brown, medium dense, fine SAND with 10% silt; no odor, no sheen.
Dry	0.0						2	Same as above; no odor, no sheen.
Dry							3	(SP-SM) Same as above; no odor, no sheen.
					SP-SM		4	
Dry			SB-2-5	G <1.2 D <3.4 HO <11 B <0.0005			5	Same as above; no odor, no sheen.
							6	Obstruction at 5.5 feet. Bottom of borehole at 5.5 feet.
							7	
							8	
							9	
							10	
							11	
							12	
							13	
							14	
							15	

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Soil Boring: SB-3

Project: 76 Products Facility No. 351385
Client: Chevron EMC
Location: 6 N 5th St, Wenatchee, WA

Logged By: S. Brown
Date Started: 8/14/2013
Date Completed: 8/14/2013

Driller: SAIC
Drill Method: Hand Auger
Total Boring Depth: 5.5 ft
Elevation: ft

MOISTURE CONTENT	ORGANIC VAPOR (ppm)	SAMP. INTERVAL	ANALYTICAL SAMPLE	ANALYTICAL RESULTS (mg/kg)	U.S.C.S. SYMBOL	GRAPHIC LOG	DEPTH (ft)	LITHOLOGY/DESCRIPTION
Dry	0.0				SP-SM		0	(SP-SM) Brown, dense, fine to medium SAND with 10% silt; no odor, no sheen.
							1	
							2	
							3	
							4	
Dry			SB-3-5	G <1.3 D <3.3 HO <11 B = 0.0008			5	Same as above; no odor, no sheen.
								Conduit encountered at 5 feet.
							6	Bottom of borehole at 5.5 feet.
							7	
							8	
							9	
							10	
							11	
							12	
							13	
							14	
							15	

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: P66 - WENATCHEE
PROJECT NUMBER: 11145928
CLIENT: PHILLIPS 66 COMPANY
LOCATION: 6 N 5TH ST, WENATCHEE, WA

HOLE DESIGNATION: B-1
DATE COMPLETED: 25 April 2018
DRILLING METHOD: PROBE
FIELD PERSONNEL: D. TRUDEAU

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE	SAMPLE PID (ppm)
	ASPHALT	0.25	BACKFILLED WITH SOIL CUTTINGS					
2	SM-SILTY SAND (FILL), with gravel	2.00		1GP				0.8
	SM-SILTY SAND, loose, brown, moist							
4								
	SM-SAND, with silt, loose, brown/tan, moist	5.00						
6								
				2GP				0.5
8								
10	SP-SAND, few silt, loose, brown/tan, moist	10.00						
12			BACKFILLED WITH HYDRATED BENTONITE CHIPS	3GP				0.4
14	- loose to compact at 15.0ft BGS							
16								
18				4GP				0.2
20	- compact at 20.0ft BGS			20'				
	BEDROCK, fractured, cobble interbedded with sand	21.00						0.1
22				5GP				0.1
24	- REFUSAL at 24.0ft BGS	24.00		24'				
	END OF BOREHOLE @ 24.0ft BGS							
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (20')

OVERBURDEN LOG 11145928-WI.GPJ GHD_Corp 1/10/18

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: P66 - WENATCHEE
PROJECT NUMBER: 11145928
CLIENT: PHILLIPS 66 COMPANY
LOCATION: 6 N 5TH ST, WENATCHEE, WA

HOLE DESIGNATION: B-2
DATE COMPLETED: 25 April 2018
DRILLING METHOD: PROBE
FIELD PERSONNEL: D. TRUDEAU

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	PID (ppm)
0	ASPHALT	0.25	BACKFILLED WITH SOIL CUTTINGS				
	SM-SILTY SAND (FILL), with gravel						0.8
2	SM-SILTY SAND, loose, brown, moist	2.00		1GP			
							0.5
4							
	SM-SAND, with silt, loose, brown, moist	5.00					
6							0.4
				2GP			
8							0.5
	SP-SAND, few silt, loose, brown/tan, moist	9.00					
10							0.1
				3GP			
12			BACKFILLED WITH HYDRATED BENTONITE CHIPS				
14	- compact at 15.0ft BGS						0.0
16							0.0
				4GP			
18							0.2
	BEDROCK, fractured, interbedded with sand	19.50					
20	- interbedded with sand, gravel and cobble at 20.0ft BGS						
22				5GP			0.4
24	- REFUSAL at 24.5ft BGS	24.50		24'			
	END OF BOREHOLE @ 24.5ft BGS						
26							
28							
30							
32							
34							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (24')

OVERBURDEN LOG 11145928-WI.GPJ GHD_Corp 1/10/18

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: P66 - WENATCHEE
PROJECT NUMBER: 11145928
CLIENT: PHILLIPS 66 COMPANY
LOCATION: 6 N 5TH ST, WENATCHEE, WA

HOLE DESIGNATION: B-3
DATE COMPLETED: 25 April 2018
DRILLING METHOD: PROBE
FIELD PERSONNEL: D. TRUDEAU

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	PID (ppm)
0	GP-SANDY GRAVEL (FILL), with cobble to 8"		BACKFILLED WITH SOIL CUTTINGS	0'			
2	SM-SILTY SAND, loose, brown, moist	2.00		1GP			0.8
4							
5	SM-SAND, with silt, loose, brown, moist	5.00					
6							
8				2GP			1.0
10	SP-SAND, few silt, compact, brown/tan, moist	10.00					
12				3GP			0.6
14			BACKFILLED WITH HYDRATED BENTONITE CHIPS				
15				15'			
16							0.4
18				4GP			0.1
20	BEDROCK, fractured, infilled with sand and gravel - infilled/interbedded with sand and gravel	19.80					0.1
22				5GP			
24							0.1
26	- loose, dark staining, odor at 25.5ft BGS			6GP			375
	END OF BOREHOLE @ 26.0ft BGS	26.00		26'			
28							
30							
32							
34							

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (oval)

OVERBURDEN LOG 11145928-WI.GPJ GHD_Corp 1/10/18

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: P66 - WENATCHEE
PROJECT NUMBER: 11145928
CLIENT: PHILLIPS 66 COMPANY
LOCATION: 6 N 5TH ST, WENATCHEE, WA

HOLE DESIGNATION: B-4
DATE COMPLETED: 24 April 2018
DRILLING METHOD: VAC/H. AUGER
FIELD PERSONNEL: D. TRUDEAU

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)		SAMPLE PID (ppm)
2	GM-GRAVEL (FILL), with silt and sand, cobble from 1-18"		BACKFILLED WITH SOIL CUTTINGS	1HA				0.1-0.8
4	CONCRETE, solid, flat	3.17		3.25'				0.5
	END OF BOREHOLE @ 3.3ft BGS	3.25						

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (3.25')

OVERBURDEN LOG 11145928-WI.GPJ GHD_Corp 1/10/18

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: P66 - WENATCHEE
PROJECT NUMBER: 11145928
CLIENT: PHILLIPS 66 COMPANY
LOCATION: 6 N 5TH ST, WENATCHEE, WA

HOLE DESIGNATION: B-5
DATE COMPLETED: 24 April 2018
DRILLING METHOD: H. AUGER
FIELD PERSONNEL: D. TRUDEAU

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE	SAMPLE PID (ppm)
0	SM-SILTY SAND, loose, brown, moist		BACKFILLED WITH SOIL CUTTINGS					
2				1HA				0.5
4								0.8
								0.8
	SM-SAND, with silt, loose, brown/tan, moist	5.00	BACKFILLED WITH HYDRATED BENTONITE CHIPS					
6								0.4
8				2HA				
								0.4
10	END OF BOREHOLE @ 10.0ft BGS	10.00		10'				
12								
14								
16								
18								
20								
22								
24								
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (10')

OVERBURDEN LOG 11145928-WI.GPJ GHD_Corp 1/10/18

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: P66 - WENATCHEE
PROJECT NUMBER: 11145928
CLIENT: PHILLIPS 66 COMPANY
LOCATION: 6 N 5TH ST, WENATCHEE, WA

HOLE DESIGNATION: B-6
DATE COMPLETED: 25 April 2018
DRILLING METHOD: PROBE
FIELD PERSONNEL: D. TRUDEAU

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE	SAMPLE PID (ppm)
0	SM-SILTY SAND (FILL), with gravel		BACKFILLED WITH SOIL CUTTINGS					
2	SM-SILTY SAND, loose, brown, moist	1.67		1GP				0.1
4								
5	SP-SAND, few silt, brown/tan, moist	5.00						
6								
8				2GP				0.3
10	- trace fine gravel at 10.0ft BGS							
12			BACKFILLED WITH HYDRATED BENTONITE CHIPS	3GP				1.1
14								
15				15'				
16								0.6
18				4GP				0.2
20								0.1
20.8	BEDROCK, fractured, unconsolidated, interbedded with sand and gravel	20.80						
22				5GP				
24								
24.6	- REFUSAL at 24.6ft BGS	24.60		24.6'				
	END OF BOREHOLE @ 24.6ft BGS							
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (15', 24.6')

OVERBURDEN LOG 11145928-WI.GPJ GHD_Corp 1/10/18

STRATIGRAPHIC AND INSTRUMENTATION LOG (OVERBURDEN)

PROJECT NAME: P66 - WENATCHEE
PROJECT NUMBER: 11145928
CLIENT: PHILLIPS 66 COMPANY
LOCATION: 6 N 5TH ST, WENATCHEE, WA

HOLE DESIGNATION: B-7
DATE COMPLETED: 25 April 2018
DRILLING METHOD: PROBE
FIELD PERSONNEL: D. TRUDEAU

DEPTH ft BGS	STRATIGRAPHIC DESCRIPTION & REMARKS	DEPTH ft	BOREHOLE	SAMPLE NUMBER	SAMPLE INTERVAL	SAMPLE REC (%)	SAMPLE	SAMPLE PID (ppm)
0	GP-GRAVEL (FILL), with silt and sand		BACKFILLED WITH SOIL CUTTINGS					
2	SM-SILTY SAND, loose, brown, moist	2.00		1GP				1.8
4								
5	SM-SAND, with silt, brown, moist	5.00						
6								
8				2GP				2.2
10	SP-SAND, few silt, brown/tan, moist	10.00						
12			BACKFILLED WITH HYDRATED BENTONITE CHIPS	3GP				2.4
14								
15				15'				
16								2.
18				4GP				2.6
20								2.2
21		21.60		5GP				
22	BEDROCK, fractured, unconsolidated, interbedded with sand and gravel - REFUSAL at 23.0ft BGS	23.00		23'				
24	END OF BOREHOLE @ 23.0ft BGS							
26								
28								
30								
32								
34								

NOTES: MEASURING POINT ELEVATIONS MAY CHANGE; REFER TO CURRENT ELEVATION TABLE

CHEMICAL ANALYSIS (15')

OVERBURDEN LOG 11145928-WI.GPJ GHD_Corp 1/10/18

Appendix D
Terrestrial Ecological Evaluation Form

Voluntary Cleanup Program

Washington State Department of Ecology
Toxics Cleanup Program

TERRESTRIAL ECOLOGICAL EVALUATION FORM

Under the Model Toxics Control Act (MTCA), a terrestrial ecological evaluation is necessary if hazardous substances are released into the soils at a Site. In the event of such a release, you must take one of the following three actions as part of your investigation and cleanup of the Site:

1. Document an exclusion from further evaluation using the criteria in WAC 173-340-7491.
2. Conduct a simplified evaluation as set forth in WAC 173-340-7492.
3. Conduct a site-specific evaluation as set forth in WAC 173-340-7493.

When requesting a written opinion under the Voluntary Cleanup Program (VCP), you must complete this form and submit it to the Department of Ecology (Ecology). The form documents the type and results of your evaluation.

Completion of this form is not sufficient to document your evaluation. You still need to document your analysis and the basis for your conclusion in your cleanup plan or report.

If you have questions about how to conduct a terrestrial ecological evaluation, please contact the Ecology site manager assigned to your Site. For additional guidance, please refer to www.ecy.wa.gov/programs/tcp/policies/terrestrial/TEEHome.htm.

Step 1: IDENTIFY HAZARDOUS WASTE SITE	
Please identify below the hazardous waste site for which you are documenting an evaluation.	
Facility/Site Name: P66 Site No. 0979	
Facility/Site Address: 6 Fifth Avenue Wenatchee, WA	
Facility/Site No: 346	VCP Project No.: CE0306

Step 2: IDENTIFY EVALUATOR			
Please identify below the person who conducted the evaluation and their contact information.			
Name: Hether Gadwa			Title: Project Coordinator
Organization: GHD			
Mailing address: 20818 44th Avenue W. Sutie 190			
City: Lynnwood		State: WA	Zip code: 98036
Phone: 4255636509	Fax:	E-mail: heather.gadwa@ghd.com	

Step 3: DOCUMENT EVALUATION TYPE AND RESULTS

A. Exclusion from further evaluation.

1. Does the Site qualify for an exclusion from further evaluation?

☒ Yes *If you answered **"YES,"** then answer **Question 2**.*

☐ No or Unknown *If you answered **"NO" or "UKNOWN,"** then skip to **Step 3B** of this form.*

2. What is the basis for the exclusion? *Check all that apply. Then skip to **Step 4** of this form.*

Point of Compliance: WAC 173-340-7491(1)(a)

☒ All soil contamination is, or will be,* at least 15 feet below the surface.

☐ All soil contamination is, or will be,* at least 6 feet below the surface (or alternative depth if approved by Ecology), and institutional controls are used to manage remaining contamination.

Barriers to Exposure: WAC 173-340-7491(1)(b)

☒ All contaminated soil, is or will be,* covered by physical barriers (such as buildings or paved roads) that prevent exposure to plants and wildlife, and institutional controls are used to manage remaining contamination.

Undeveloped Land: WAC 173-340-7491(1)(c)

☐ There is less than 0.25 acres of contiguous[#] undeveloped[±] land on or within 500 feet of any area of the Site and any of the following chemicals is present: chlorinated dioxins or furans, PCB mixtures, DDT, DDE, DDD, aldrin, chlordane, dieldrin, endosulfan, endrin, heptachlor, heptachlor epoxide, benzene hexachloride, toxaphene, hexachlorobenzene, pentachlorophenol, or pentachlorobenzene.

☒ For sites not containing any of the chemicals mentioned above, there is less than 1.5 acres of contiguous[#] undeveloped[±] land on or within 500 feet of any area of the Site.

Background Concentrations: WAC 173-340-7491(1)(d)

☐ Concentrations of hazardous substances in soil do not exceed natural background levels as described in WAC 173-340-200 and 173-340-709.

* An exclusion based on future land use must have a completion date for future development that is acceptable to Ecology.

[±] "Undeveloped land" is land that is not covered by building, roads, paved areas, or other barriers that would prevent wildlife from feeding on plants, earthworms, insects, or other food in or on the soil.

[#] "Contiguous" undeveloped land is an area of undeveloped land that is not divided into smaller areas of highways, extensive paving, or similar structures that are likely to reduce the potential use of the overall area by wildlife.

B. Simplified evaluation.

1. Does the Site qualify for a simplified evaluation?

☐ Yes *If you answered **"YES,"** then answer **Question 2** below.*

☐ No or Unknown *If you answered **"NO"** or **"UNKNOWN,"** then skip to **Step 3C** of this form.*

2. Did you conduct a simplified evaluation?

☐ Yes *If you answered **"YES,"** then answer **Question 3** below.*

☐ No *If you answered **"NO,"** then skip to **Step 3C** of this form.*

3. Was further evaluation necessary?

☐ Yes *If you answered **"YES,"** then answer **Question 4** below.*

☐ No *If you answered **"NO,"** then answer **Question 5** below.*

4. If further evaluation was necessary, what did you do?

☐ Used the concentrations listed in Table 749-2 as cleanup levels. *If so, then skip to **Step 4** of this form.*

☐ Conducted a site-specific evaluation. *If so, then skip to **Step 3C** of this form.*

5. If no further evaluation was necessary, what was the reason? *Check all that apply. Then skip to **Step 4** of this form.*

Exposure Analysis: WAC 173-340-7492(2)(a)

☐ Area of soil contamination at the Site is not more than 350 square feet.

☐ Current or planned land use makes wildlife exposure unlikely. Used Table 749-1.

Pathway Analysis: WAC 173-340-7492(2)(b)

☐ No potential exposure pathways from soil contamination to ecological receptors.

Contaminant Analysis: WAC 173-340-7492(2)(c)

☐ No contaminant listed in Table 749-2 is, or will be, present in the upper 15 feet at concentrations that exceed the values listed in Table 749-2.

☐ No contaminant listed in Table 749-2 is, or will be, present in the upper 6 feet (or alternative depth if approved by Ecology) at concentrations that exceed the values listed in Table 749-2, and institutional controls are used to manage remaining contamination.

☐ No contaminant listed in Table 749-2 is, or will be, present in the upper 15 feet at concentrations likely to be toxic or have the potential to bioaccumulate as determined using Ecology-approved bioassays.

☐ No contaminant listed in Table 749-2 is, or will be, present in the upper 6 feet (or alternative depth if approved by Ecology) at concentrations likely to be toxic or have the potential to bioaccumulate as determined using Ecology-approved bioassays, and institutional controls are used to manage remaining contamination.

C. Site-specific evaluation. A site-specific evaluation process consists of two parts: (1) formulating the problem, and (2) selecting the methods for addressing the identified problem. Both steps require consultation with and approval by Ecology. *See* WAC 173-340-7493(1)(c).

1. Was there a problem? *See* WAC 173-340-7493(2).

☐ Yes *If you answered **"YES,"** then answer **Question 2** below.*

☐ No *If you answered **"NO,"** then identify the reason here and then skip to **Question 5** below:*

- ☐ No issues were identified during the problem formulation step.
- ☐ While issues were identified, those issues were addressed by the cleanup actions for protecting human health.

2. What did you do to resolve the problem? *See* WAC 173-340-7493(3).

- ☐ Used the concentrations listed in Table 749-3 as cleanup levels. *If so, then skip to **Question 5** below.*
- ☐ Used one or more of the methods listed in WAC 173-340-7493(3) to evaluate and address the identified problem. *If so, then answer **Questions 3 and 4** below.*

3. If you conducted further site-specific evaluations, what methods did you use?
Check all that apply. See WAC 173-340-7493(3).

- ☐ Literature surveys.
- ☐ Soil bioassays.
- ☐ Wildlife exposure model.
- ☐ Biomarkers.
- ☐ Site-specific field studies.
- ☐ Weight of evidence.
- ☐ Other methods approved by Ecology. If so, please specify:

4. What was the result of those evaluations?

- ☐ Confirmed there was no problem.
- ☐ Confirmed there was a problem and established site-specific cleanup levels.

5. Have you already obtained Ecology's approval of both your problem formulation and problem resolution steps?

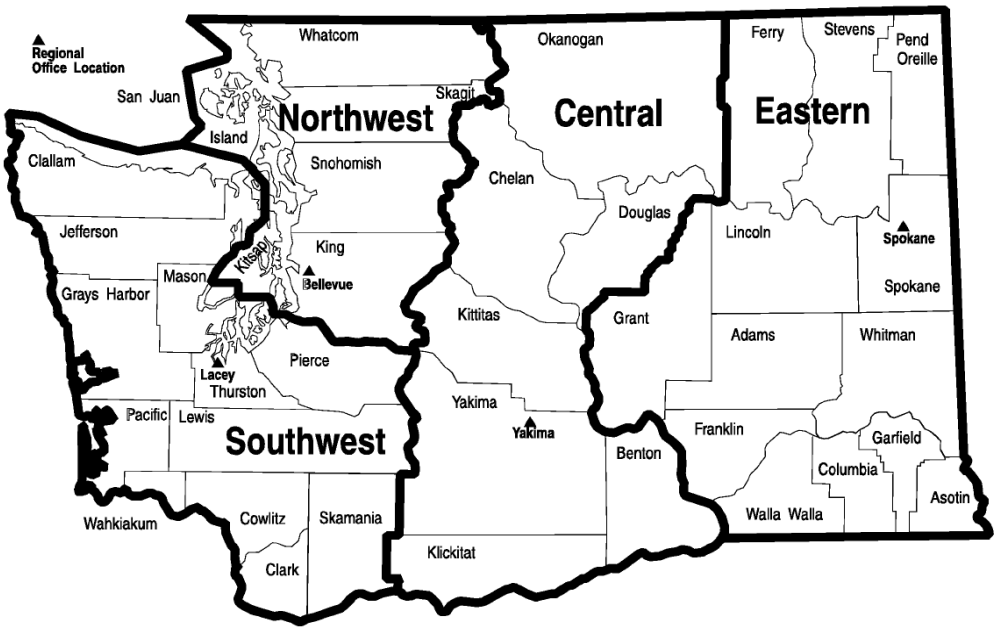
☐ Yes If so, please identify the Ecology staff who approved those steps:

☐ No

Step 4: SUBMITTAL

Please mail your completed form to the Ecology site manager assigned to your Site. If a site manager has not yet been assigned, please mail your completed form to the Ecology regional office for the County in which your Site is located.

Northwest Region: Attn: VCP Coordinator 3190 160th Ave. SE Bellevue, WA 98008-5452	**Central Region:** Attn: VCP Coordinator 1250 West Alder St. Union Gap, WA 98903-0009
Southwest Region: Attn: VCP Coordinator P.O. Box 47775 Olympia, WA 98504-7775	**Eastern Region:** Attn: VCP Coordinator N. 4601 Monroe Spokane WA 99205-1295



0 75 150ft

Coordinate System:
WASHINGTON NORTH
STATE PLANE NAD83 FEET

LEGEND

APPROXIMATE PROPERTY LINE

CSID CLEANUP SITE IDENTIFICATION - DEPARTMENT OF ECOLOGY

P66 WENATCHEE (AOC 0979)
6 FIFTH STREET
WENATCHEE, WASHINGTON

11145928-2RM00

Nov 20, 2019

AREA MAP WITH 500 FOOT RADIUS

FIGURE APPENDIX D

CAD File: N:\CA\Waterloo\Legacy\CAD\drawings\11145000s\11145928\11145928-REPORT\11145928-2RM00(005)\11145928-2RM00(005)GN\11145928-2RM00(005)GN-WA003.DWG

Appendix E
Summary of Previous Investigations

Summary of Environmental Investigations and Remedial Actions
Phillips 66 Wenatchee AOC 0979
6 Fifth Street North, Wenatchee, Washington

1989 Subsurface Contamination Evaluation: In December 1989, GeoEngineers, Inc. (GeoEngineers) completed a subsurface contamination study at the Site. The investigation included the advancement of six groundwater monitoring wells (MW-1 through MW-6) and two soil vapor probes (VP-4 and VP-5). Laboratory analysis was performed on each of the six soil borings including total petroleum hydrocarbon (TPH) and volatile organic compounds benzene, toluene, ethylbenzene, and total xylenes (BTEX). Concentrations of benzene were reported above their respective Washington State Department of Ecology (Ecology) Model Toxics Control Act (MTCA) Method A cleanup levels in soil at locations MW-1 located near the truck unloading area and VP-4 near the abandoned brick cesspool located south of the maintenance building. Elevated concentrations of benzene and TPH were additionally reported in groundwater samples collected west of the truck unloaders (MW-1), south of the unloading racks (MW-2), north of the warehouse loading dock (MW-3), and near the former heating oil underground storage tank (UST) (MW-6).

In addition to the soil borings and groundwater monitoring activities, GeoEngineers also collected four surficial soil samples within the warehouse (sample WH-2), loading platform (sample LD-1), and near areas of visual staining near the barrel storage area (samples #1 and #2). Elevated concentrations of TPH were reported by the laboratory in each of the soil samples collected.

Report of Geotechnical Services – Subsurface Contamination Study, Bulk Plan 0853, GeoEngineers, Inc., dated February 27, 1990.

1990 Remedial Excavation Activities & Supplemental Subsurface Contamination Study: In July 1990, GeoEngineers completed four hand auger borings (HB-1, HB-2, HB-3, and HB-4) to determine the extent of petroleum contaminated soil (PCS) beneath the warehouse building. Based on the TPH analysis GeoEngineers determined that relatively minor amount of PCS could be removed without demolishing the warehouse.

In August and September 1990, GeoEngineers oversaw the decommissioning and removal of the barrel filler lines, the heating oil UST near the office building, the drywell, concrete slabs for the truck loading and unloading areas. Remedial excavations extended approximately 9 to 26 feet below ground (fbg) and approximately 1.5 foot underneath the warehouse. As part of the remedial excavation monitoring wells MW-1 and MW-2 were decommissioned. Approximately 700 cubic yards of PCS were removed from the site for either land farming or disposal.

Monitoring wells MW-7 through MW-13 were installed post remedial excavation activities. Laboratory analysis of the soil samples collected from the borings were below their respective MTCA Method A cleanup levels. Monitoring well MW-7 was installed for monitoring vapors within the former excavation and subsequently abandoned in February 1991.

Progress Report No. 1 - Remedial monitoring Serviced and Supplemental Subsurface Contamination Study, Unocal Bulk Plant 0853, GeoEngineers, Inc., dated March 13, 1991

1991 Supplemental Subsurface Contamination Study: In 1991, GeoEngineers completed additional characterization of impacted soil and groundwater at the Site. The additional assessment included the installation of three additional groundwater monitoring wells (MW-14 through MW-16) and groundwater monitoring activities. Laboratory analysis of the soil samples collected from the soil borings did not identify concentrations above laboratory reporting limits and/or MTCA Method A cleanup levels.

Groundwater monitoring activities performed in April and August 1991 identified concentrations of TPH as gasoline (TPHg), benzene, xylenes, and/or total lead above MTCA Method A cleanup levels in monitoring wells MW-13 and MW-15. The remainder of the concentrations from samples collected from monitoring wells MW-3, MW-6, MW-8, MW-9, MW-10, MW-11, MW-14 and MW-16 were either below laboratory reporting limits and/or MTCA Method A cleanup limits.

Progress Report No. 2 - Supplemental Subsurface Contamination Study Groundwater Monitoring Program, and Land Farm Operations, Unocal Bulk Plant 0853, GeoEngineers, Inc., dated May 26, 1992

1992-1993 Groundwater Monitoring Activities

1993 Groundwater Monitoring and Soil Vapor Extraction Feasibility Study: In September 1992, GeoEngineers performed three air permeability tests to evaluate the potential of remediating remaining PCS at depths ranging from 21 to 26 fbg surrounding wells MW-13, MW-14, and MW-15. GeoEngineers concluded that a soil vapor extraction (SVE) system alone would not be sufficient method for remediating the site, however a SVE and air sparge system would the most effective method of remediation for the Site.

Groundwater monitoring activities performed in 1992 and 1993 identified concentrations of TPHg, benzene, xylenes, and/or total lead above MTCA Method A cleanup levels in monitoring wells MW-13 and MW-15. The remainder of the concentrations from samples collected from monitoring wells MW-3, MW-6, MW-8, MW-9, MW-10, MW-11, MW-14 and MW-16 were either below laboratory reporting limits and/or MTCA Method A cleanup limits.

Progress Report No. 5 - Groundwater Monitoring and Air Permeability Test, Unocal Bulk Plant 0853, GeoEngineers, Inc., dated September 23, 1993.

1997 Site Assessment Activities: In September 1997, Pacific Environmental Group, Inc. (Pacific) completed additional site assessment activities at the Site including the advancement of eleven soil borings to depths ranging from 3 to 5 fbg. Laboratory analysis of soil samples collected from each boring at approximately 3 to 5 fbg reported soil concentrations of TPHg above MTCA Method A cleanup levels at location HA-1 and HB-7. Borings HB-1 and HB-7 are immediately north and west of the ASTs, respectively. The remaining soil concentrations were either below laboratory reporting limits and/or MTCA Method A cleanup levels.

Summary of Assessment Activities, Tosco Bulk Plant No. 0853, Pacific, dated January 28, 1998.

2013 Site Assessment: In 2013, Leidos Engineering, LLC (Leidos) completed additional soil and groundwater assessment surrounding monitoring well MW-15 by advancing three soil borings SB-1, SB-2, and SB-3, as well as installation of two additional monitoring wells MW-18 and MW-19. Laboratory analysis completed on soil samples collected at each of the locations did not identify concentrations above laboratory reporting limits and/or MTCA Method A cleanup levels. Groundwater was not observed in either of the monitoring wells.

Site Assessment Report, 76 Products Facility, Liedos, February 28, 2013.

2017 Baseline Groundwater Monitoring Activities: In 2017, GHD Services, Inc. (GHD) performed groundwater monitoring activities at the Site. Laboratory analysis reported concentrations of TPH and/or BTEX below laboratory reporting limits and MTCA Method A cleanup levels in each of the Site monitoring wells. Groundwater gradient was observed to the northeast at a gradient of 0.01 foot per foot, consistent with historical groundwater flow diagrams reported by others.

2018 Site Characterization Activities and Quarterly Groundwater Monitoring: A total of seven borings were advance in an attempt to close the remaining data gaps to complete the remedial investigation. Soil impacts greater than the MTCA Method A cleanup levels for petroleum constituents were not identified in any of the 13 soil samples collected from borings B-1 through B-7. Concluding that historical soil impacts have either been removed by excavation performed by others, or appear to have naturally degraded in the past 21 years or greater.

Site Investigation Summary Report, Phillips 66 0979, GHD, December 21, 2018.

Appendix F
Laboratory Reports

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

January 03, 2019

Matthew Davis
GHD Services Inc.
732 Broadway
Suite 301
Tacoma, WA 98402

RE: Project: 11145928
Pace Project No.: 10459839

Dear Matthew Davis:
Enclosed are the analytical results for sample(s) received by the laboratory on December 24, 2018. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jennifer Gross
jennifer.gross@pacelabs.com
(206)957-2426
Project Manager

Enclosures

cc: Jeffrey Cloud, GHD Services Inc.
Eric Maise, GHD Services Inc.

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

CERTIFICATIONS

Project: 11145928
Pace Project No.: 10459839

Minnesota Certification IDs

1700 Elm Street SE, Minneapolis, MN 55414-2485
A2LA Certification #: 2926.01
Alabama Certification #: 40770
Alaska Contaminated Sites Certification #: 17-009
Alaska DW Certification #: MN00064
Arizona Certification #: AZ0014
Arkansas DW Certification #: MN00064
Arkansas WW Certification #: 88-0680
California Certification #: 2929
CNMI Saipan Certification #: MP0003
Colorado Certification #: MN00064
Connecticut Certification #: PH-0256
EPA Region 8+Wyoming DW Certification #: via MN 027-053-137
Florida Certification #: E87605
Georgia Certification #: 959
Guam EPA Certification #: MN00064
Hawaii Certification #: MN00064
Idaho Certification #: MN00064
Illinois Certification #: 200011
Indiana Certification #: C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky DW Certification #: 90062
Kentucky WW Certification #: 90062
Louisiana DEQ Certification #: 03086
Louisiana DW Certification #: MN00064
Maine Certification #: MN00064
Maryland Certification #: 322
Massachusetts Certification #: M-MN064
Michigan Certification #: 9909
Minnesota Certification #: 027-053-137
Minnesota Dept of Ag Certifcation #: via MN 027-053-137
Minnesota Petrofund Certification #: 1240
Mississippi Certification #: MN00064
Montana Certification #: CERT0092
Nebraska Certification #: NE-OS-18-06
Nevada Certification #: MN00064
New Hampshire Certification #: 2081
New Jersey Certification #: MN002
New York Certification #: 11647
North Carolina DW Certification #: 27700
North Carolina WW Certification #: 530
North Dakota Certification #: R-036
Ohio DW Certification #: 41244
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon NwTPH Certification #: MN300001
Oregon Secondary Certification #: MN200001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification #: MN00064
South Carolina Certification #:74003001
Tennessee Certification #: TN02818
Texas Certification #: T104704192
Utah Certification #: MN00064
Virginia Certification #: 460163
Washington Certification #: C486
West Virginia DW Certification #: 9952 C
West Virginia DEP Certification #: 382
Wisconsin Certification #: 999407970
Wyoming UST Certification #: via A2LA 2926.01

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

SAMPLE SUMMARY

Project: 11145928
Pace Project No.: 10459839

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10459839001	**GW-122118-EM-MW15**	Water	12/21/18 12:15	12/24/18 09:55
10459839002	**Trip Blank**	Water	12/21/18 00:00	12/24/18 09:55

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

SAMPLE ANALYTE COUNT

Project: 11145928
Pace Project No.: 10459839

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10459839001	**GW-122118-EM-MW15**	NWTPH-Dx	JVM	4	PASI-M
		NWTPH-Gx	AJR	2	PASI-M
		EPA 8260B	DS2	7	PASI-M
10459839002	**Trip Blank**	NWTPH-Gx	AJR	2	PASI-M
		EPA 8260B	DS2	7	PASI-M

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

PROJECT NARRATIVE

Project: 11145928
Pace Project No.: 10459839

Method: **NWTPH-Dx**
Description: NWTPH-Dx GCS LV
Client: GHD Services Inc
Date: January 03, 2019

General Information:
1 sample was analyzed for NWTPH-Dx. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA Mod. 3510C with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

PROJECT NARRATIVE

Project: 11145928
Pace Project No.: 10459839

Method: **NWTPH-Gx**
Description: NWTPH-Gx GCV
Client: GHD Services Inc
Date: January 03, 2019

General Information:
2 samples were analyzed for NWTPH-Gx. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

PROJECT NARRATIVE

Project: 11145928
Pace Project No.: 10459839

Method: **EPA 8260B**
Description: 8260B MSV UST
Client: GHD Services Inc
Date: January 03, 2019

General Information:
2 samples were analyzed for EPA 8260B. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: 11145928
Pace Project No.: 10459839

Sample: GW-122118-EM-MW15 **Lab ID: 10459839001** Collected: 12/21/18 12:15 Received: 12/24/18 09:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS LV	Analytical Method: NWTPH-Dx Preparation Method: EPA Mod. 3510C							
Diesel Fuel Range	**0.43**	mg/L	0.39	1	12/26/18 14:12	12/27/18 20:18	68334-30-5	
Motor Oil Range	ND	mg/L	0.39	1	12/26/18 14:12	12/27/18 20:18		
Surrogates								
o-Terphenyl (S)	79	%.	50-150	1	12/26/18 14:12	12/27/18 20:18	84-15-1	
n-Triacontane (S)	80	%.	50-150	1	12/26/18 14:12	12/27/18 20:18	638-68-6	
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx							
TPH as Gas	ND	ug/L	100	1		01/02/19 19:30		
Surrogates								
a,a,a-Trifluorotoluene (S)	106	%.	50-150	1		01/02/19 19:30	98-08-8	
8260B MSV UST	Analytical Method: EPA 8260B							
Benzene	ND	ug/L	1.0	1		01/02/19 02:41	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		01/02/19 02:41	100-41-4	
Toluene	ND	ug/L	1.0	1		01/02/19 02:41	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		01/02/19 02:41	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	103	%.	75-125	1		01/02/19 02:41	17060-07-0	
Toluene-d8 (S)	108	%.	75-125	1		01/02/19 02:41	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	75-125	1		01/02/19 02:41	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 11145928
Pace Project No.: 10459839

Sample: Trip Blank **Lab ID: 10459839002** Collected: 12/21/18 00:00 Received: 12/24/18 09:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx							
TPH as Gas	ND	ug/L	100	1		01/02/19 16:41		
Surrogates								
a,a,a-Trifluorotoluene (S)	104	%.	50-150	1		01/02/19 16:41	98-08-8	
8260B MSV UST	Analytical Method: EPA 8260B							
Benzene	ND	ug/L	1.0	1		01/02/19 01:29	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		01/02/19 01:29	100-41-4	
Toluene	ND	ug/L	1.0	1		01/02/19 01:29	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		01/02/19 01:29	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	105	%.	75-125	1		01/02/19 01:29	17060-07-0	
Toluene-d8 (S)	107	%.	75-125	1		01/02/19 01:29	2037-26-5	
4-Bromofluorobenzene (S)	102	%.	75-125	1		01/02/19 01:29	460-00-4	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: 11145928
Pace Project No.: 10459839

QC Batch: 583484 Analysis Method: NWTPH-Gx
QC Batch Method: NWTPH-Gx Analysis Description: NWTPH-Gx Water
Associated Lab Samples: 10459839001, 10459839002

METHOD BLANK: 3161952 Matrix: Water
Associated Lab Samples: 10459839001, 10459839002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH as Gas	ug/L	ND	100	01/02/19 11:53	
a,a,a-Trifluorotoluene (S)	%.	125	50-150	01/02/19 11:53	

METHOD BLANK: 3161953 Matrix: Water
Associated Lab Samples: 10459839001, 10459839002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH as Gas	ug/L	ND	100	01/02/19 12:10	
a,a,a-Trifluorotoluene (S)	%.	124	50-150	01/02/19 12:10	

LABORATORY CONTROL SAMPLE & LCSD: 3161954 3161955

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
TPH as Gas	ug/L	1000	1100	993	110	99	75-125	10	20	
a,a,a-Trifluorotoluene (S)	%.				142	119	50-150			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3161956 3161957

Parameter	Units	10459801008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
TPH as Gas	ug/L	1040	1000	1000	2110	2120	107	108	75-125	1	30	
a,a,a-Trifluorotoluene (S)	%.						132	133	50-150			

SAMPLE DUPLICATE: 3162514

Parameter	Units	10459839001 Result	Dup Result	RPD	Max RPD	Qualifiers
TPH as Gas	ug/L	ND	26.8J		30	
a,a,a-Trifluorotoluene (S)	%.	106	102	5		

SAMPLE DUPLICATE: 3162515

Parameter	Units	10459801006 Result	Dup Result	RPD	Max RPD	Qualifiers
TPH as Gas	ug/L	ND	ND		30	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 11145928
Pace Project No.: 10459839

SAMPLE DUPLICATE: 3162515

Parameter	Units	10459801006 Result	Dup Result	RPD	Max RPD	Qualifiers
a,a,a-Trifluorotoluene (S)	%.	111	106	4		

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 11145928
Pace Project No.: 10459839

QC Batch: 583451 Analysis Method: EPA 8260B
QC Batch Method: EPA 8260B Analysis Description: 8260B MSV UST-WATER
Associated Lab Samples: 10459839001, 10459839002

METHOD BLANK: 3161851 Matrix: Water
Associated Lab Samples: 10459839001, 10459839002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	01/02/19 01:05	
Ethylbenzene	ug/L	ND	1.0	01/02/19 01:05	
Toluene	ug/L	ND	1.0	01/02/19 01:05	
Xylene (Total)	ug/L	ND	3.0	01/02/19 01:05	
1,2-Dichloroethane-d4 (S)	%.	105	75-125	01/02/19 01:05	
4-Bromofluorobenzene (S)	%.	99	75-125	01/02/19 01:05	
Toluene-d8 (S)	%.	108	75-125	01/02/19 01:05	

LABORATORY CONTROL SAMPLE: 3161852

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	20	18.6	93	75-125	
Ethylbenzene	ug/L	20	21.3	107	75-125	
Toluene	ug/L	20	19.5	98	75-125	
Xylene (Total)	ug/L	60	61.5	102	75-125	
1,2-Dichloroethane-d4 (S)	%.			107	75-125	
4-Bromofluorobenzene (S)	%.			102	75-125	
Toluene-d8 (S)	%.			106	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3161938 3161939

Parameter	Units	10459682002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/L	<0.10	20	20	20.4	18.5	102	93	30-150	10	30	
Ethylbenzene	ug/L	<0.14	20	20	24.5	21.4	123	107	30-150	14	30	
Toluene	ug/L	<0.083	20	20	22.3	19.4	111	97	30-150	14	30	
Xylene (Total)	ug/L	<0.31	60	60	70.1	61.0	117	102	30-150	14	30	
1,2-Dichloroethane-d4 (S)	%.						106	107	75-125			
4-Bromofluorobenzene (S)	%.						101	102	75-125			
Toluene-d8 (S)	%.						107	105	75-125			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 11145928
Pace Project No.: 10459839

QC Batch: 582721 Analysis Method: NWTPH-Dx
QC Batch Method: EPA Mod. 3510C Analysis Description: NWTPH-Dx GCS LV
Associated Lab Samples: 10459839001

METHOD BLANK: 3158207 Matrix: Water
Associated Lab Samples: 10459839001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Fuel Range	mg/L	ND	0.40	12/27/18 16:51	
Motor Oil Range	mg/L	ND	0.40	12/27/18 16:51	
n-Triacontane (S)	%.	76	50-150	12/27/18 16:51	
o-Terphenyl (S)	%.	76	50-150	12/27/18 16:51	

LABORATORY CONTROL SAMPLE & LCSD: 3158208 3158209

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Diesel Fuel Range	mg/L	2	1.5	1.6	77	78	50-150	1	20	
Motor Oil Range	mg/L	2	1.6	1.5	79	77	50-150	3	20	
n-Triacontane (S)	%.				82	81	50-150			
o-Terphenyl (S)	%.				77	76	50-150			

SAMPLE DUPLICATE: 3158216

Parameter	Units	10459733001 Result	Dup Result	RPD	Max RPD	Qualifiers
Diesel Fuel Range	mg/L	ND	.21J		30	
Motor Oil Range	mg/L	ND	ND		30	
n-Triacontane (S)	%.	78	64	19		
o-Terphenyl (S)	%.	77	64	19		

SAMPLE DUPLICATE: 3158217

Parameter	Units	10459733011 Result	Dup Result	RPD	Max RPD	Qualifiers
Diesel Fuel Range	mg/L	ND	.056J		30	
Motor Oil Range	mg/L	ND	ND		30	
n-Triacontane (S)	%.	68	74	10		
o-Terphenyl (S)	%.	67	73	10		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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(612)607-1700

QUALIFIERS

Project: 11145928
Pace Project No.: 10459839

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-M Pace Analytical Services - Minneapolis

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

METHOD CROSS REFERENCE TABLE

Project: 11145928
Pace Project No.: 10459839

Parameter	Matrix	Analytical Method	Preparation Method
8260B MSV UST	Water	SW-846 8260B/5030B	N/A

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 11145928
Pace Project No.: 10459839

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10459839001	**GW-122118-EM-MW15**	EPA Mod. 3510C	582721	NWTPH-Dx	583008
10459839001	**GW-122118-EM-MW15**	NWTPH-Gx	583484		
10459839002	**Trip Blank**	NWTPH-Gx	583484		
10459839001	**GW-122118-EM-MW15**	EPA 8260B	583451		
10459839002	**Trip Blank**	EPA 8260B	583451		

Pace Analytical®
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed

WO#: 10459839
10459839

Section A
Required Client Information:

Company:	GHD Services Inc.
Address:	
Email To:	eric.maise@ghd.com
Phone:	Fax:
Requested Due Date/TAT:	Standard

Section B
Required Project Information:

Report To:	
Copy To:	
Purchase Order No.:	
Project Name:	
Project Number:	11145928

Section C
Invoice Information:

Attention:	Jeff cloud
Company Name:	
Address:	jeffery.cloud@ghd.com
Pace Quote Reference:	
Pace Project Manager:	
Pace Profile #:	38222/1

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER ______

Site Location STATE: ______

Section D
Required Client Information

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Matrix Codes MATRIX	CODE
Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Tissue	TS
Other	OT

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	NWTPH-GX	BTEX 8260	DRO/NWTPH-DX	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	GW-122118-EM-MW15	W	G	12/21	1215				12	X			X						X	X	X		Hold unpreserved 001
2	Trip Blank TL 12/24/18								4														Ambers 002
3																							
4																							
5																							
6																							
7																							
8																							
9																							
10																							
11																							
12																							

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
Hold unpreserved 1L Ambers	Eric Maise GHD [signature]	12/21	16:00	[signature] / Pace	12/24/18	955	1.7	Y	Y	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Eric Maise

SIGNATURE of SAMPLER: [signature]

DATE Signed (MM/DD/YY): 12/21/18

ORIGINAL

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-C-010-rev.00, 09Nov2017

Pace Analytical	Document Name: **Sample Condition Upon Receipt Form**	Document Revised: 31Oct2018 Page 1 of 2
	Document No.: **F-MN-L-213-rev.24**	Issuing Authority: Pace Minnesota Quality Office

Sample Condition Upon Receipt

Client Name: GHD Services Inc

Project #: WO#: 10459839

PM: JMG Due Date: 01/08/19

CLIENT: GHD_WA

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ SpeeDee ☐ Other:

Tracking Number: 448677912045

Custody Seal on Cooler/Box Present? ☑ Yes ☐ No **Seals Intact?** ☑ Yes ☐ No

Optional: Proj. Due Date: Proj. Name:

Packing Material: ☑ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other: **Temp Blank?** ☑ Yes ☐ No

Thermometer Used: ☑ G87A9170600254 ☐ G87A9155100842 **Type of Ice:** ☑ Wet ☐ Blue ☐ None ☐ Dry ☐ Melted

Cooler Temp Read (°C): 1.7 **Cooler Temp Corrected (°C):** 1.7 **Biological Tissue Frozen?** ☐ Yes ☐ No ☑ N/A

Temp should be above freezing to 6°C **Correction Factor:** True **Date and Initials of Person Examining Contents:** TL 12/24/18

USDA Regulated Soil (☑ N/A, water sample)

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA. MS, NC, NM, NY, OK, OR, SC, TN, TX or VA (check maps)? ☐ Yes ☐ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

If Yes to either question, fill out a Regulated Soil Checklist (F-MN-Q-338) and include with SCUR/COC paperwork.

		COMMENTS:
Chain of Custody Present?	☑ Yes ☐ No	1.
Chain of Custody Filled Out?	☑ Yes ☐ No	2.
Chain of Custody Relinquished?	☑ Yes ☐ No	3.
Sampler Name and/or Signature on COC?	☑ Yes ☐ No ☐ N/A	4.
Samples Arrived within Hold Time?	☑ Yes ☐ No	5.
Short Hold Time Analysis (<72 hr)?	☐ Yes ☑ No	6.
Rush Turn Around Time Requested?	☐ Yes ☑ No	7.
Sufficient Volume?	☑ Yes ☐ No	8.
Correct Containers Used?	☑ Yes ☐ No	9.
-Pace Containers Used?	☑ Yes ☐ No	
Containers Intact?	☑ Yes ☐ No	10.
Filtered Volume Received for Dissolved Tests?	☐ Yes ☐ No ☑ N/A	11. Note if sediment is visible in the dissolved container
Is sufficient information available to reconcile the samples to the COC? Matrix: WT	☑ Yes ☐ No	12.
All containers needing acid/base preservation have been checked? All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, <2pH, NaOH >9 Sulfide, NaOH>12 Cyanide) Exceptions: VOA, Coliform, TOC/DOC Oil and Grease, DRO/8015 (water) and Dioxin/PFAS	☐ Yes ☐ No ☑ N/A ☐ Yes ☐ No ☑ N/A ☑ Yes ☐ No ☐ N/A	13. ☐ HNO_3 ☐ H_2SO_4 ☐ NaOH Positive for Res. Chlorine? Y N Sample # TS 12/24/18 Initial when completed: Lot # of added preservative:
Headspace in VOA Vials (>6mm)?	☐ Yes ☑ No ☐ N/A	14.
Trip Blank Present?	☑ Yes ☐ No ☐ N/A	15.
Trip Blank Custody Seals Present?	☑ Yes ☐ No ☐ N/A	
Pace Trip Blank Lot # (if purchased): 189285		

CLIENT NOTIFICATION/RESOLUTION **Field Data Required?** ☐ Yes ☐ No

Person Contacted: Date/Time:

Comments/Resolution:

Project Manager Review: Jenni Gross **Date:** 12/24/18

Note: Whenever there is a discrepancy affecting Nort ce samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers).

Labeled by: TL

Pace Analytical	Document Name: **Headspace Exception**	Document Revised: 17Dec2018 Page 1 of 1
	Document No.: **F-MN-C-276-Rev.01**	Issuing Authority: Pace Minnesota Quality Office

Sample ID	Headspace greater than 6mm	Headspace less than 6mm	No Headspace	Total Vials	Sediment Present?
GW-122118-EM-MW5	0	1	5	6	N
TRIP Blank	0	4	0	4	N

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

March 14, 2019

Matthew Davis
GHD Services Inc.
3600 Port of Tacoma Road
Suite 302
Tacoma, WA 98424

RE: Project: 11145928-2019-01 P66 Wenatchee
Pace Project No.: 10466338

Dear Matthew Davis:
Enclosed are the analytical results for sample(s) received by the laboratory on March 11, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jennifer Gross
jennifer.gross@pacelabs.com
(206)957-2426
Project Manager

Enclosures

cc: Jeffrey Cloud, GHD Services Inc.
Heather Gadwa, GHD
Eric Maise, GHD Services Inc.

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

CERTIFICATIONS

Project: 11145928-2019-01 P66 Wenatchee
Pace Project No.: 10466338

Minnesota Certification IDs

1700 Elm Street SE, Minneapolis, MN 55414-2485
A2LA Certification #: 2926.01
Alabama Certification #: 40770
Alaska Contaminated Sites Certification #: 17-009
Alaska DW Certification #: MN00064
Arizona Certification #: AZ0014
Arkansas DW Certification #: MN00064
Arkansas WW Certification #: 88-0680
California Certification #: 2929
CNMI Saipan Certification #: MP0003
Colorado Certification #: MN00064
Connecticut Certification #: PH-0256
EPA Region 8+Wyoming DW Certification #: via MN 027-053-137
Florida Certification #: E87605
Georgia Certification #: 959
Guam EPA Certification #: MN00064
Hawaii Certification #: MN00064
Idaho Certification #: MN00064
Illinois Certification #: 200011
Indiana Certification #: C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky DW Certification #: 90062
Kentucky WW Certification #: 90062
Louisiana DEQ Certification #: 03086
Louisiana DW Certification #: MN00064
Maine Certification #: MN00064
Maryland Certification #: 322
Massachusetts Certification #: M-MN064
Michigan Certification #: 9909
Minnesota Certification #: 027-053-137
Minnesota Dept of Ag Certifcation #: via MN 027-053-137
Minnesota Petrofund Certification #: 1240
Mississippi Certification #: MN00064
Missouri Certification #: 10100
Montana Certification #: CERT0092
Nebraska Certification #: NE-OS-18-06
Nevada Certification #: MN00064
New Hampshire Certification #: 2081
New Jersey Certification #: MN002
New York Certification #: 11647
North Carolina DW Certification #: 27700
North Carolina WW Certification #: 530
North Dakota Certification #: R-036
Ohio DW Certification #: 41244
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon Primary Certification #: MN300001
Oregon Secondary Certification #: MN200001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification #: MN00064
South Carolina Certification #:74003001
Tennessee Certification #: TN02818
Texas Certification #: T104704192
Utah Certification #: MN00064
Virginia Certification #: 460163
Washington Certification #: C486
West Virginia DEP Certification #: 382
West Virginia DW Certification #: 9952 C
Wisconsin Certification #: 999407970
Wyoming UST Certification #: via A2LA 2926.01

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SAMPLE SUMMARY

Project: 11145928-2019-01 P66 Wenatchee
Pace Project No.: 10466338

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10466338001	**GW-11145928-030719-EM-MW15**	Water	03/07/19 11:40	03/11/19 09:25
10466338002	**GW-11145928-030719-EM-MW13**	Water	03/07/19 14:30	03/11/19 09:25

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 11145928-2019-01 P66 Wenatchee
Pace Project No.: 10466338

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10466338001	**GW-11145928-030719-EM-MW15**	NWTPH-Dx	EC2	4	PASI-M
		NWTPH-Gx	AMC	2	PASI-M
		EPA 8260B	DS2	7	PASI-M
10466338002	**GW-11145928-030719-EM-MW13**	NWTPH-Dx	EC2	4	PASI-M
		NWTPH-Gx	AMC	2	PASI-M
		EPA 8260B	DS2	7	PASI-M

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 11145928-2019-01 P66 Wenatchee
Pace Project No.: 10466338

Method: **NWTPH-Dx**
Description: NWTPH-Dx GCS LV
Client: GHD Services Inc
Date: March 14, 2019

General Information:
2 samples were analyzed for NWTPH-Dx. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA Mod. 3510C with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: 11145928-2019-01 P66 Wenatchee
Pace Project No.: 10466338

Method: **NWTPH-Gx**
Description: NWTPH-Gx GCV
Client: GHD Services Inc
Date: March 14, 2019

General Information:
2 samples were analyzed for NWTPH-Gx. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: 11145928-2019-01 P66 Wenatchee
Pace Project No.: 10466338

Method: **EPA 8260B**
Description: 8260B MSV UST
Client: GHD Services Inc
Date: March 14, 2019

General Information:
2 samples were analyzed for EPA 8260B. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: 11145928-2019-01 P66 Wenatchee
Pace Project No.: 10466338

Sample: GW-11145928-030719-EM-MW15 **Lab ID: 10466338001** Collected: 03/07/19 11:40 Received: 03/11/19 09:25 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS LV	Analytical Method: NWTPH-Dx Preparation Method: EPA Mod. 3510C							
Diesel Fuel Range	**0.46**	mg/L	0.40	1	03/11/19 13:24	03/12/19 11:39	68334-30-5	
Motor Oil Range	ND	mg/L	0.40	1	03/11/19 13:24	03/12/19 11:39		
Surrogates								
o-Terphenyl (S)	77	%.	50-150	1	03/11/19 13:24	03/12/19 11:39	84-15-1	
n-Triacontane (S)	79	%.	50-150	1	03/11/19 13:24	03/12/19 11:39	638-68-6	
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx							
TPH as Gas	ND	ug/L	100	1		03/13/19 14:27		
Surrogates								
a,a,a-Trifluorotoluene (S)	93	%.	50-150	1		03/13/19 14:27	98-08-8	
8260B MSV UST	Analytical Method: EPA 8260B							
Benzene	ND	ug/L	1.0	1		03/12/19 00:49	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/12/19 00:49	100-41-4	
Toluene	ND	ug/L	1.0	1		03/12/19 00:49	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		03/12/19 00:49	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	107	%.	75-125	1		03/12/19 00:49	17060-07-0	
Toluene-d8 (S)	100	%.	75-125	1		03/12/19 00:49	2037-26-5	
4-Bromofluorobenzene (S)	96	%.	75-125	1		03/12/19 00:49	460-00-4	

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ANALYTICAL RESULTS

Project: 11145928-2019-01 P66 Wenatchee
Pace Project No.: 10466338

Sample: GW-11145928-030719-EM-MW13 **Lab ID: 10466338002** Collected: 03/07/19 14:30 Received: 03/11/19 09:25 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS LV	Analytical Method: NWTPH-Dx Preparation Method: EPA Mod. 3510C							
Diesel Fuel Range	**0.47**	mg/L	0.40	1	03/11/19 13:24	03/12/19 11:50	68334-30-5	
Motor Oil Range	ND	mg/L	0.40	1	03/11/19 13:24	03/12/19 11:50		
Surrogates								
o-Terphenyl (S)	62	%.	50-150	1	03/11/19 13:24	03/12/19 11:50	84-15-1	
n-Triacontane (S)	61	%.	50-150	1	03/11/19 13:24	03/12/19 11:50	638-68-6	
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx							
TPH as Gas	ND	ug/L	100	1		03/13/19 15:18		
Surrogates								
a,a,a-Trifluorotoluene (S)	87	%.	50-150	1		03/13/19 15:18	98-08-8	
8260B MSV UST	Analytical Method: EPA 8260B							
Benzene	ND	ug/L	1.0	1		03/12/19 00:01	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		03/12/19 00:01	100-41-4	
Toluene	ND	ug/L	1.0	1		03/12/19 00:01	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		03/12/19 00:01	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	104	%.	75-125	1		03/12/19 00:01	17060-07-0	
Toluene-d8 (S)	102	%.	75-125	1		03/12/19 00:01	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	75-125	1		03/12/19 00:01	460-00-4	

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QUALITY CONTROL DATA

Project: 11145928-2019-01 P66 Wenatchee
Pace Project No.: 10466338

QC Batch: 593542 Analysis Method: NWTPH-Gx
QC Batch Method: NWTPH-Gx Analysis Description: NWTPH-Gx Water
Associated Lab Samples: 10466338001, 10466338002

METHOD BLANK: 3208958 Matrix: Water
Associated Lab Samples: 10466338001, 10466338002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH as Gas	ug/L	ND	100	03/13/19 11:38	
a,a,a-Trifluorotoluene (S)	%.	91	50-150	03/13/19 11:38	

METHOD BLANK: 3208959 Matrix: Water
Associated Lab Samples: 10466338001, 10466338002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH as Gas	ug/L	ND	100	03/13/19 11:55	
a,a,a-Trifluorotoluene (S)	%.	87	50-150	03/13/19 11:55	

LABORATORY CONTROL SAMPLE & LCSD: 3208960 3208961

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
TPH as Gas	ug/L	1000	1000	987	100	99	75-125	2	20	
a,a,a-Trifluorotoluene (S)	%.				98	98	50-150			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3209007 3209008

Parameter	Units	10466326003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
TPH as Gas	ug/L	ND	1000	1000	1160	1110	116	111	75-125	4	30	
a,a,a-Trifluorotoluene (S)	%.						99	102	50-150			

SAMPLE DUPLICATE: 3209005

Parameter	Units	10466337003 Result	Dup Result	RPD	Max RPD	Qualifiers
TPH as Gas	ug/L	ND	ND		30	
a,a,a-Trifluorotoluene (S)	%.	89	89	0		

SAMPLE DUPLICATE: 3209006

Parameter	Units	10466338001 Result	Dup Result	RPD	Max RPD	Qualifiers
TPH as Gas	ug/L	ND	ND		30	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 11145928-2019-01 P66 Wenatchee
Pace Project No.: 10466338

SAMPLE DUPLICATE: 3209006

Parameter	Units	10466338001 Result	Dup Result	RPD	Max RPD	Qualifiers
a,a,a-Trifluorotoluene (S)	%.	93	87	6		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 11145928-2019-01 P66 Wenatchee
Pace Project No.: 10466338

QC Batch: 593228 Analysis Method: EPA 8260B
QC Batch Method: EPA 8260B Analysis Description: 8260B MSV UST-WATER
Associated Lab Samples: 10466338001, 10466338002

METHOD BLANK: 3207527 Matrix: Water
Associated Lab Samples: 10466338001, 10466338002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	03/11/19 21:39	
Ethylbenzene	ug/L	ND	1.0	03/11/19 21:39	
Toluene	ug/L	ND	1.0	03/11/19 21:39	
Xylene (Total)	ug/L	ND	3.0	03/11/19 21:39	
1,2-Dichloroethane-d4 (S)	%.	101	75-125	03/11/19 21:39	
4-Bromofluorobenzene (S)	%.	99	75-125	03/11/19 21:39	
Toluene-d8 (S)	%.	100	75-125	03/11/19 21:39	

LABORATORY CONTROL SAMPLE: 3207528

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	20	21.0	105	75-125	
Ethylbenzene	ug/L	20	20.9	105	75-125	
Toluene	ug/L	20	19.9	99	75-125	
Xylene (Total)	ug/L	60	62.8	105	75-125	
1,2-Dichloroethane-d4 (S)	%.			105	75-125	
4-Bromofluorobenzene (S)	%.			93	75-125	
Toluene-d8 (S)	%.			96	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3207665 3207666

Parameter	Units	10466338002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/L	ND	20	20	19.0	19.1	95	96	30-150	0	30	
Ethylbenzene	ug/L	ND	20	20	19.6	21.0	98	105	30-150	7	30	
Toluene	ug/L	ND	20	20	18.4	18.8	92	94	30-150	2	30	
Xylene (Total)	ug/L	ND	60	60	59.0	62.7	98	104	30-150	6	30	
1,2-Dichloroethane-d4 (S)	%.						103	100	75-125			
4-Bromofluorobenzene (S)	%.						96	99	75-125			
Toluene-d8 (S)	%.						96	97	75-125			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 11145928-2019-01 P66 Wenatchee
Pace Project No.: 10466338

QC Batch: 593244 Analysis Method: NWTPH-Dx
QC Batch Method: EPA Mod. 3510C Analysis Description: NWTPH-Dx GCS LV
Associated Lab Samples: 10466338001, 10466338002

METHOD BLANK: 3207607 Matrix: Water
Associated Lab Samples: 10466338001, 10466338002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Fuel Range	mg/L	ND	0.40	03/12/19 10:20	
Motor Oil Range	mg/L	ND	0.40	03/12/19 10:20	
n-Triacontane (S)	%.	77	50-150	03/12/19 10:20	
o-Terphenyl (S)	%.	73	50-150	03/12/19 10:20	

LABORATORY CONTROL SAMPLE & LCSD: 3207608 3207609

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Diesel Fuel Range	mg/L	2	1.7	1.7	83	84	50-150	1	20	
Motor Oil Range	mg/L	2	1.6	1.7	82	84	50-150	3	20	
n-Triacontane (S)	%.				87	84	50-150			
o-Terphenyl (S)	%.				78	79	50-150			

SAMPLE DUPLICATE: 3207610

Parameter	Units	10466337001 Result	Dup Result	RPD	Max RPD	Qualifiers
Diesel Fuel Range	mg/L	ND	0.43		30	
Motor Oil Range	mg/L	ND	ND		30	
n-Triacontane (S)	%.	54	67	26		
o-Terphenyl (S)	%.	52	63	23		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 11145928-2019-01 P66 Wenatchee
Pace Project No.: 10466338

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-M Pace Analytical Services - Minneapolis

WORKORDER QUALIFIERS

WO: 10466338

[1] Samples in this workorder were received in the laboratory without an associated trip blank.

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METHOD CROSS REFERENCE TABLE

Project: 11145928-2019-01 P66 Wenatchee
Pace Project No.: 10466338

Parameter	Matrix	Analytical Method	Preparation Method
8260B MSV UST	Water	SW-846 8260B/5030B	N/A

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 11145928-2019-01 P66 Wenatchee
Pace Project No.: 10466338

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10466338001	**GW-11145928-030719-EM-MW15**	EPA Mod. 3510C	593244	NWTPH-Dx	593369
10466338002	**GW-11145928-030719-EM-MW13**	EPA Mod. 3510C	593244	NWTPH-Dx	593369
10466338001	**GW-11145928-030719-EM-MW15**	NWTPH-Gx	593542		
10466338002	**GW-11145928-030719-EM-MW13**	NWTPH-Gx	593542		
10466338001	**GW-11145928-030719-EM-MW15**	EPA 8260B	593228		
10466338002	**GW-11145928-030719-EM-MW13**	EPA 8260B	593228		

Pace Analytical

CHAIN-OF-CUSTODY / Analytical Request

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields

WO# : 10466338

10466338

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	GHD Services	Report To:	Matthew.Davis@GHD.com	Attention:	Accounts Payable
Address:	1117 Tacoma Ave S.	Copy To:	Jeffrey.Cloud@GHD.com	Company Name:	GHD services
	Tacoma, WA 98402		Heather.Gadwa@GHD.com; Eric.Maise@GHD.com	Address:	
Email To:	matthew.davis@ghd.com	Purchase Order No.		Pace Quote Reference:	
Phone:	253-573-1218 Fax	Client Project ID:	11145928-2019-01 P66 Wenatchee	Pace Project Manager:	Jennifer Gross
Requested Due Date/TAT:	*10 Day (Standard)*	Project Number:		Pace Profile #:	*38222 / 2*

Regulatory Agency	
State / Location	WA / Wenatchee

SAMPLE ID
One Character per box.
(A-Z, 0-9 / , -)
Sample Ids must be unique

MATRIX	CODE
Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Other	OT
Tissue	TS

ITEM#	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	8260 BTEX	NWTPHGx	NWTPHDx	Dry Weight	Residual Chlorine (Y/N)	Requested Analysis Filtered (Y/N)
1	Trip Blank	OT																						
2	GW-11145928-030919-EM-MW15	WT	C	3/7	1140				8				X						XXX					COI
3	GW-11145928-030719-EM-MW13	WT	C		1430				8				X						XXX					CO2
4																								
5																								
6																								
7																								
8																								
9																								
10																								
11																								
12																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	[signature]	3/8	8:00	Jennifer Johnson Pace	3/11/19	9:25	0.7	Y	Y	Y

SAMPLER NAME AND SIGNATURE				
PRINT Name of SAMPLER:	Eric Maise		TEMP in C	Received on Ice (Y/N)
SIGNATURE of SAMPLER:	[signature]	DATE Signed: 3/7/19	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

Pace Analytical	Document Name: **Sample Condition Upon Receipt Form**	Document Revised: 06Feb2019 Page 1 of 1
	Document No.: **F-MN-L-213-rev.25**	Issuing Authority: Pace Minnesota Quality Office

Sample Condition Upon Receipt

Client Name: GHD Services

Project #: **WO#: 10466338**

PM: JMG **Due Date: 03/18/19**

CLIENT: GHD_WA

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Pace ☐ SpeeDee ☐ Commercial **See Exception** ☐

Tracking Number: 7475 9397 1256

Custody Seal on Cooler/Box Present? ☑ Yes ☐ No **Seals Intact?** ☑ Yes ☐ No **Biological Tissue Frozen?** ☐ Yes ☐ No ☑ N/A

Packing Material: ☑ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other:_____ **Temp Blank?** ☑ Yes ☐ No

Thermometer: ☐ G87A9155100842 ☑ G87A9170600254 **Type of Ice:** ☑ Wet ☐ Blue ☐ None ☐ Dry ☐ Melted

Note: Each West Virginia Sample must have temp taken (no temp blanks)

Temp should be above freezing to 6°C **Cooler Temp Read w/temp blank:** 0.6 °C

Correction Factor: +0.1 **Cooler Temp Corrected w/temp blank:** 0.7 °C

Average Corrected Temp (no temp blank only): _____ °C **See Exceptions** ☐

USDA Regulated Soil: (☑ N/A, water sample/Other:_____)

Date/Initials of Person Examining Contents: JJ 3/11/19

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA. MS, NC, NM, NY, OK, OR, SC, TN, TX or VA (check maps)? ☐ Yes ☐ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

If Yes to either question, fill out a Regulated Soil Checklist (F-MN-Q-338) and include with SCUR/COC paperwork.

				COMMENTS:
Chain of Custody Present and Filled Out?	☑ Yes	☐ No		1.
Chain of Custody Relinquished?	☑ Yes	☐ No		2.
Sampler Name and/or Signature on COC?	☑ Yes	☐ No	☐ N/A	3.
Samples Arrived within Hold Time?	☑ Yes	☐ No		4.
Short Hold Time Analysis (<72 hr)?	☐ Yes	☑ No		5. ☐ Fecal Coliform ☐ HPC ☐ Total Coliform/E coli ☐ BOD/cBOD ☐ Hex Chrome ☐ Turbidity ☐ Nitrate ☐ Nitrite ☐ Orthophos ☐ Other
Rush Turn Around Time Requested?	☐ Yes	☑ No		6.
Sufficient Volume?	☑ Yes	☐ No		7.
Correct Containers Used?	☑ Yes	☐ No		8.
-Pace Containers Used?	☐ Yes	☑ No		
Containers Intact?	☑ Yes	☐ No		9.
Field Filtered Volume Received for Dissolved Tests?	☐ Yes	☐ No	☑ N/A	10. Is sediment visible in the dissolved container? ☐ Yes ☐ No
Is sufficient information available to reconcile the samples to the COC?	☑ Yes	☐ No		11. **If no, write ID/ Date/Time on Container Below:** **See Exception** ☐
Matrix: ☑ Water ☐ Soil ☐ Oil ☐ Other_____				
All containers needing acid/base preservation have been checked?	☐ Yes	☐ No	☑ N/A	12. Sample #
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, <2pH, NaOH >9 Sulfide, NaOH>12 Cyanide)	☐ Yes	☐ No	☑ N/A	☐ NaOH ☐ HNO_3 ☐ H_2SO_4 ☐ Zinc Acetate
Exceptions: VOA, Coliform, TOC/DOC Oil and Grease, DRO/8015 (water) and Dioxin/PFAS	☑ Yes	☐ No	☐ N/A	Positive for Res. Chlorine? ☐ Yes ☐ No **See Exception** ☐
Headspace in VOA Vials (greater than 6mm)?	☐ Yes	☑ No	☐ N/A	13. **See Exception** ☑
Trip Blank Present?	☐ Yes	☑ No	☐ N/A	14.
Trip Blank Custody Seals Present?	☐ Yes	☐ No	☑ N/A	Pace Trip Blank Lot # (if purchased):_____

CLIENT NOTIFICATION/RESOLUTION **Field Data Required?** ☐ Yes ☐ No

Person Contacted:_____ Date/Time:_____

Comments/Resolution:_____

Project Manager Review: _____ JENNI GROSS _____ **Date:** 03/11/19

Note: Whenever there is a discrepancy affecting North Carolina samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect cont...).

Labeled by: MD

Pace Analytical	Document Name: **Headspace Exception**	Document Revised: 17Dec2018 Page 1 of 1
	Document No.: **F-MN-C-276-Rev.01**	Issuing Authority: Pace Minnesota Quality Office

Sample ID	Headspace greater than 6mm	Headspace less than 6mm	No Headspace	Total Vials	Sediment Present?
MW-13	0	1	5	6	Y

Pace Analytical Services, LLC
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July 15, 2019

Matthew Davis
GHD Services Inc.
3600 Port of Tacoma Road
Suite 302
Tacoma, WA 98424

RE: Project: 11145928 P66 Wenatchee
Pace Project No.: 10481490

Dear Matthew Davis:
Enclosed are the analytical results for sample(s) received by the laboratory on July 01, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jennifer Gross
jennifer.gross@pacelabs.com
(206)957-2426
Project Manager

Enclosures

cc: Rosemarie Borths, GHD Services Inc.
Jeffrey Cloud, GHD Services Inc.
Heather Gadwa, GHD
Eric Maise, GHD Services Inc.

REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 11145928 P66 Wenatchee
Pace Project No.: 10481490

Minnesota Certification IDs

1700 Elm Street SE, Minneapolis, MN 55414-2485
A2LA Certification #: 2926.01
Alabama Certification #: 40770
Alaska Contaminated Sites Certification #: 17-009
Alaska DW Certification #: MN00064
Arizona Certification #: AZ0014
Arkansas DW Certification #: MN00064
Arkansas WW Certification #: 88-0680
California Certification #: 2929
CNMI Saipan Certification #: MP0003
Colorado Certification #: MN00064
Connecticut Certification #: PH-0256
EPA Region 8+Wyoming DW Certification #: via MN 027-053-137
Florida Certification #: E87605
Georgia Certification #: 959
Guam EPA Certification #: MN00064
Hawaii Certification #: MN00064
Idaho Certification #: MN00064
Illinois Certification #: 200011
Indiana Certification #: C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky DW Certification #: 90062
Kentucky WW Certification #: 90062
Louisiana DEQ Certification #: 03086
Louisiana DW Certification #: MN00064
Maine Certification #: MN00064
Maryland Certification #: 322
Massachusetts Certification #: M-MN064
Michigan Certification #: 9909
Minnesota Certification #: 027-053-137
Minnesota Dept of Ag Certifcation #: via MN 027-053-137
Minnesota Petrofund Certification #: 1240
Mississippi Certification #: MN00064
Missouri Certification #: 10100
Montana Certification #: CERT0092
Nebraska Certification #: NE-OS-18-06
Nevada Certification #: MN00064
New Hampshire Certification #: 2081
New Jersey Certification #: MN002
New York Certification #: 11647
North Carolina DW Certification #: 27700
North Carolina WW Certification #: 530
North Dakota Certification #: R-036
Ohio DW Certification #: 41244
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon Primary Certification #: MN300001
Oregon Secondary Certification #: MN200001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification #: MN00064
South Carolina Certification #:74003001
Tennessee Certification #: TN02818
Texas Certification #: T104704192
Utah Certification #: MN00064
Vermont Certification #: VT-027053137
Virginia Certification #: 460163
Washington Certification #: C486
West Virginia DEP Certification #: 382
West Virginia DW Certification #: 9952 C
Wisconsin Certification #: 999407970
Wyoming UST Certification #: via A2LA 2926.01

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SAMPLE SUMMARY

Project: 11145928 P66 Wenatchee
Pace Project No.: 10481490

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10481490001	**Trip Blank**	Water	06/27/19 00:00	07/01/19 08:40
10481490002	**GW-11145928-062719-EM-MW-15**	Water	06/27/19 11:35	07/01/19 08:40
10481490003	**GW-11145928-062719-EM-MW-13**	Water	06/27/19 12:10	07/01/19 08:40

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 11145928 P66 Wenatchee
Pace Project No.: 10481490

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10481490001	**Trip Blank**	EPA 8260B	DS2	7	PASI-M
10481490002	**GW-11145928-062719-EM-MW-15**	NWTPH-Dx	EC2	4	PASI-M
		NWTPH-Gx	AJR	2	PASI-M
		EPA 8260B	DS2	7	PASI-M
10481490003	**GW-11145928-062719-EM-MW-13**	NWTPH-Dx	EC2	4	PASI-M
		NWTPH-Gx	AJR	2	PASI-M
		EPA 8260B	DS2	7	PASI-M

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PROJECT NARRATIVE

Project: 11145928 P66 Wenatchee
Pace Project No.: 10481490

Method: **NWTPH-Dx**
Description: NWTPH-Dx GCS LV
Client: GHD Services Inc
Date: July 15, 2019

General Information:
2 samples were analyzed for NWTPH-Dx. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA Mod. 3510C with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: 617246

R1: RPD value was outside control limits.

- LCSD (Lab ID: 3334369)
  - Diesel Fuel Range
  - Motor Oil Range

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: 11145928 P66 Wenatchee
Pace Project No.: 10481490

Method: **NWTPH-Gx**
Description: NWTPH-Gx GCV
Client: GHD Services Inc
Date: July 15, 2019

General Information:
2 samples were analyzed for NWTPH-Gx. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: 11145928 P66 Wenatchee
Pace Project No.: 10481490

Method: **EPA 8260B**
Description: 8260B MSV UST
Client: GHD Services Inc
Date: July 15, 2019

General Information:
3 samples were analyzed for EPA 8260B. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: 11145928 P66 Wenatchee
Pace Project No.: 10481490

Sample: Trip Blank **Lab ID: 10481490001** Collected: 06/27/19 00:00 Received: 07/01/19 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260B MSV UST	Analytical Method: EPA 8260B							
Benzene	ND	ug/L	1.0	1		07/11/19 17:15	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		07/11/19 17:15	100-41-4	
Toluene	ND	ug/L	1.0	1		07/11/19 17:15	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		07/11/19 17:15	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	97	%.	75-125	1		07/11/19 17:15	17060-07-0	
Toluene-d8 (S)	103	%.	75-125	1		07/11/19 17:15	2037-26-5	
4-Bromofluorobenzene (S)	98	%.	75-125	1		07/11/19 17:15	460-00-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 11145928 P66 Wenatchee
Pace Project No.: 10481490

Sample: GW-11145928-062719-EM-MW-15 **Lab ID: 10481490002** Collected: 06/27/19 11:35 Received: 07/01/19 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS LV	Analytical Method: NWTPH-Dx Preparation Method: EPA Mod. 3510C							
Diesel Fuel Range	ND	ug/L	408	1	07/02/19 18:44	07/03/19 08:26	68334-30-5	
Motor Oil Range	ND	ug/L	408	1	07/02/19 18:44	07/03/19 08:26		
Surrogates								
o-Terphenyl (S)	87	%.	50-150	1	07/02/19 18:44	07/03/19 08:26	84-15-1	
n-Triacontane (S)	88	%.	50-150	1	07/02/19 18:44	07/03/19 08:26	638-68-6	
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx							
TPH as Gas	ND	ug/L	100	1		07/10/19 03:46		
Surrogates								
a,a,a-Trifluorotoluene (S)	95	%.	50-150	1		07/10/19 03:46	98-08-8	
8260B MSV UST	Analytical Method: EPA 8260B							
Benzene	ND	ug/L	1.0	1		07/11/19 18:50	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		07/11/19 18:50	100-41-4	
Toluene	ND	ug/L	1.0	1		07/11/19 18:50	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		07/11/19 18:50	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	93	%.	75-125	1		07/11/19 18:50	17060-07-0	
Toluene-d8 (S)	104	%.	75-125	1		07/11/19 18:50	2037-26-5	
4-Bromofluorobenzene (S)	99	%.	75-125	1		07/11/19 18:50	460-00-4	

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ANALYTICAL RESULTS

Project: 11145928 P66 Wenatchee
Pace Project No.: 10481490

Sample: GW-11145928-062719-EM-MW-13 **Lab ID: 10481490003** Collected: 06/27/19 12:10 Received: 07/01/19 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS LV	Analytical Method: NWTPH-Dx Preparation Method: EPA Mod. 3510C							
Diesel Fuel Range	**490**	ug/L	435	1	07/02/19 18:44	07/03/19 08:49	68334-30-5	
Motor Oil Range	ND	ug/L	435	1	07/02/19 18:44	07/03/19 08:49		
Surrogates								
o-Terphenyl (S)	85	%.	50-150	1	07/02/19 18:44	07/03/19 08:49	84-15-1	
n-Triacontane (S)	87	%.	50-150	1	07/02/19 18:44	07/03/19 08:49	638-68-6	
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx							
TPH as Gas	ND	ug/L	100	1		07/10/19 04:03		
Surrogates								
a,a,a-Trifluorotoluene (S)	89	%.	50-150	1		07/10/19 04:03	98-08-8	
8260B MSV UST	Analytical Method: EPA 8260B							
Benzene	ND	ug/L	1.0	1		07/11/19 21:35	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		07/11/19 21:35	100-41-4	
Toluene	ND	ug/L	1.0	1		07/11/19 21:35	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		07/11/19 21:35	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	93	%.	75-125	1		07/11/19 21:35	17060-07-0	
Toluene-d8 (S)	101	%.	75-125	1		07/11/19 21:35	2037-26-5	
4-Bromofluorobenzene (S)	98	%.	75-125	1		07/11/19 21:35	460-00-4	

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QUALITY CONTROL DATA

Project: 11145928 P66 Wenatchee
Pace Project No.: 10481490

QC Batch: 618321 Analysis Method: NWTPH-Gx
QC Batch Method: NWTPH-Gx Analysis Description: NWTPH-Gx Water
Associated Lab Samples: 10481490002, 10481490003

METHOD BLANK: 3339081 Matrix: Water
Associated Lab Samples: 10481490002, 10481490003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH as Gas	ug/L	ND	100	07/09/19 20:41	
a,a,a-Trifluorotoluene (S)	%.	97	50-150	07/09/19 20:41	

METHOD BLANK: 3339082 Matrix: Water
Associated Lab Samples: 10481490002, 10481490003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH as Gas	ug/L	ND	100	07/09/19 20:58	
a,a,a-Trifluorotoluene (S)	%.	95	50-150	07/09/19 20:58	

LABORATORY CONTROL SAMPLE & LCSD: 3339083 3339084

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
TPH as Gas	ug/L	1000	1070	1010	107	101	75-125	6	20	
a,a,a-Trifluorotoluene (S)	%.				102	105	50-150			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3339561 3339562

Parameter	Units	10481500001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
TPH as Gas	ug/L	<38.3	1000	1000	1040	1160	104	116	75-125	11	30	
a,a,a-Trifluorotoluene (S)	%.						103	106	50-150			

SAMPLE DUPLICATE: 3339563

Parameter	Units	10481500009 Result	Dup Result	RPD	Max RPD	Qualifiers
TPH as Gas	ug/L	<38.3	ND		30	
a,a,a-Trifluorotoluene (S)	%.	98	91			

SAMPLE DUPLICATE: 3339564

Parameter	Units	10481500016 Result	Dup Result	RPD	Max RPD	Qualifiers
TPH as Gas	ug/L	<38.3	ND		30	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: 11145928 P66 Wenatchee
Pace Project No.: 10481490

SAMPLE DUPLICATE: 3339564

Parameter	Units	10481500016 Result	Dup Result	RPD	Max RPD	Qualifiers
a,a,a-Trifluorotoluene (S)	%.	93	97			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 11145928 P66 Wenatchee
Pace Project No.: 10481490

QC Batch: 618965 Analysis Method: EPA 8260B
QC Batch Method: EPA 8260B Analysis Description: 8260B MSV UST-WATER
Associated Lab Samples: 10481490001, 10481490002, 10481490003

METHOD BLANK: 3342539 Matrix: Water
Associated Lab Samples: 10481490001, 10481490002, 10481490003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	07/11/19 12:08	
Ethylbenzene	ug/L	ND	1.0	07/11/19 12:08	
Toluene	ug/L	ND	1.0	07/11/19 12:08	
Xylene (Total)	ug/L	ND	3.0	07/11/19 12:08	
1,2-Dichloroethane-d4 (S)	%.	94	75-125	07/11/19 12:08	
4-Bromofluorobenzene (S)	%.	98	75-125	07/11/19 12:08	
Toluene-d8 (S)	%.	102	75-125	07/11/19 12:08	

LABORATORY CONTROL SAMPLE: 3342540

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	10	9.0	90	75-125	
Ethylbenzene	ug/L	10	9.3	93	75-125	
Toluene	ug/L	10	8.4	84	75-125	
Xylene (Total)	ug/L	30	28.4	95	75-125	
1,2-Dichloroethane-d4 (S)	%.			94	75-125	
4-Bromofluorobenzene (S)	%.			96	75-125	
Toluene-d8 (S)	%.			97	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3345626 3345627

Parameter	Units	10483023001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/L	ND	10	10	9.7	9.2	97	92	30-150	6	30	
Ethylbenzene	ug/L	ND	10	10	9.6	10.7	96	107	30-150	11	30	
Toluene	ug/L	ND	10	10	9.4	9.7	92	95	30-150	3	30	
Xylene (Total)	ug/L	ND	30	30	29.1	32.8	97	109	30-150	12	30	
1,2-Dichloroethane-d4 (S)	%.						99	96	75-125			
4-Bromofluorobenzene (S)	%.						97	96	75-125			
Toluene-d8 (S)	%.						94	99	75-125			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 11145928 P66 Wenatchee
Pace Project No.: 10481490

QC Batch: 617246 Analysis Method: NWTPH-Dx
QC Batch Method: EPA Mod. 3510C Analysis Description: NWTPH-Dx GCS LV
Associated Lab Samples: 10481490002, 10481490003

METHOD BLANK: 3334367 Matrix: Water
Associated Lab Samples: 10481490002, 10481490003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Fuel Range	ug/L	ND	400	07/03/19 07:53	
Motor Oil Range	ug/L	ND	400	07/03/19 07:53	
n-Triacontane (S)	%.	87	50-150	07/03/19 07:53	
o-Terphenyl (S)	%.	91	50-150	07/03/19 07:53	

LABORATORY CONTROL SAMPLE & LCSD: 3334368 3334369

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Diesel Fuel Range	ug/L	2000	1990	1500	100	75	50-150	28	20	R1
Motor Oil Range	ug/L	2000	1920	1410	96	71	50-150	30	20	R1
n-Triacontane (S)	%.				92	70	50-150			
o-Terphenyl (S)	%.				93	69	50-150			

SAMPLE DUPLICATE: 3334370

Parameter	Units	10481490002 Result	Dup Result	RPD	Max RPD	Qualifiers
Diesel Fuel Range	ug/L	ND	263J		30	
Motor Oil Range	ug/L	ND	ND		30	
n-Triacontane (S)	%.	88	70			
o-Terphenyl (S)	%.	87	71			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 11145928 P66 Wenatchee
Pace Project No.: 10481490

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-M Pace Analytical Services - Minneapolis

WORKORDER QUALIFIERS

WO: 10481490

[1] The samples were received outside of required temperature range. Analysis was completed upon client approval.

ANALYTE QUALIFIERS

R1 RPD value was outside control limits.

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METHOD CROSS REFERENCE TABLE

Project: 11145928 P66 Wenatchee
Pace Project No.: 10481490

Parameter	Matrix	Analytical Method	Preparation Method
8260B MSV UST	Water	SW-846 8260B/5030B	N/A

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 11145928 P66 Wenatchee
Pace Project No.: 10481490

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10481490002	**GW-11145928-062719-EM-MW-15**	EPA Mod. 3510C	617246	NWTPH-Dx	617363
10481490003	**GW-11145928-062719-EM-MW-13**	EPA Mod. 3510C	617246	NWTPH-Dx	617363
10481490002	**GW-11145928-062719-EM-MW-15**	NWTPH-Gx	618321		
10481490003	**GW-11145928-062719-EM-MW-13**	NWTPH-Gx	618321		
10481490001	**Trip Blank**	EPA 8260B	618965		
10481490002	**GW-11145928-062719-EM-MW-15**	EPA 8260B	618965		
10481490003	**GW-11145928-062719-EM-MW-13**	EPA 8260B	618965		

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page : 1 Of 1

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	GHD Services	Report To:	Matthew.Davis@GHD.com	Attention:	Jeffrey Cloud
Address:	1117 Tacoma Ave S.	Copy To:	Jeffrey.Cloud@GHD.com	Company Name:	GHD Services Inc. - 340
	Tacoma, WA 98402		Heather.Gadwa@GHD.com; Eric.Maise@GHD.com	Address:	2055 Niagara Falls Blvd. NY 14304
Email To:	matthew.davis@ghd.com		rosemarie.borths@ghd.com	Pace Quote Reference:	
Phone:	253-573-1218 Fax:	Client Project ID:	P66 Wenatchee	Pace Project Manager:	Jennifer Gross
Requested Due Date/TAT:	*10 Day (Standard)*	Project Number:	11145928-2019-02	Pace Profile #:	*38222 / 2*

Regulatory Agency: | State / Location: WA / Wenatchee

SAMPLE ID
One Character per box.
(A-Z, 0-9 / , -)
Sample Ids must be unique

MATRIX	CODE
Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Other	OT
Tissue	TS

Requested Analysis Filtered (Y/N)

WO#: 10481490

10481490

ITEM#	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	8260 BTEX	NWTPHGx	NWTPHDx	Dry Weight	Residual Chlorine (Y/N)	
1	Trip Blank	OT																						001
2	GW-11145928-062719-EM-MW-15	GW	G	6/27	1135				8	8			X						X	X	X			002
3	GW-11145928-062719-EM-MW-13	GW	G	6/27	1210					8			X						X	X				003
4																								
5																								
6																								
7																								
8																								
9																								
10																								
11																								
12																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
11145928-2019-02 / 11145928-PH-Wenatche	Eric Maise GHD	6/27	1330	PACE	7/1/19	0802	1.3	N	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Eric Maise

SIGNATURE of SAMPLER: [signature] DATE Signed: 6/27/19

Pace Analytical	Document Name: Sample Condition Upon Receipt Form	Document Revised: 09May2019 Page 1 of 1
	Document No.: F-MN-L-213-rev.28	Issuing Authority: Pace Minnesota Quality Office

Sample Condition Upon Receipt **Client Name:** GHD Services **Project #:** **WO#: 10481490**

PM: JMG **Due Date: 07/15/19**

CLIENT: GHD_WA

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Pace ☐ SpeeDee ☐ Commercial **See Exception** ☐

Tracking Number: 4486 7788 0583

Custody Seal on Cooler/Box Present? ☐ Yes ☑ No **Seals Intact?** ☐ Yes ☑ No **Biological Tissue Frozen?** ☐ Yes ☐ No ☑ N/A

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☑ None ☐ Other: _____ **Temp Blank?** ☐ Yes ☐ No

Thermometer: ☐ T1(0461) ☑ T2(1336) ☐ T3(0459) ☐ T4(0254) ☐ T5(0489) **Type of Ice:** ☐ Wet ☐ Blue ☐ None ☐ Dry ☑ Melted

Note: Each West Virginia Sample must have temp taken (no temp blanks)

Temp should be above freezing to 6°C **Cooler Temp Read w/temp blank:** 21.2 °C **Average Corrected Temp (no temp blank only):** °C **See Exceptions** ☐

Correction Factor: +0.1 **Cooler Temp Corrected w/temp blank :** 21.3 °C

USDA Regulated Soil: (☑ N/A, water sample/Other: _____) **Date/Initials of Person Examining Contents:** 5/31/19

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA. MS, NC, NM, NY, OK, OR, SC, TN, TX or VA (check maps)? ☐ Yes ☐ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

If Yes to either question, fill out a Regulated Soil Checklist (F-MN-Q-338) and include with SCUR/COC paperwork.

				COMMENTS:
Chain of Custody Present and Filled Out?	☑ Yes	☐ No		1.
Chain of Custody Relinquished?	☑ Yes	☐ No		2.
Sampler Name and/or Signature on COC?	☑ Yes	☐ No	☐ N/A	3.
Samples Arrived within Hold Time?	☑ Yes	☐ No		4.
Short Hold Time Analysis (<72 hr)?	☐ Yes	☑ No		5. ☐ Fecal Coliform ☐ HPC ☐ Total Coliform/E coli ☐ BOD/cBOD ☐ Hex Chrome ☐ Turbidity ☐ Nitrate ☐ Nitrite ☐ Orthophos ☐ Other
Rush Turn Around Time Requested?	☐ Yes	☑ No		6.
Sufficient Volume?	☑ Yes	☐ No		7.
Correct Containers Used?	☑ Yes	☐ No		8.
-Pace Containers Used?	☐ Yes	☑ No		
Containers Intact?	☑ Yes	☐ No		9.
Field Filtered Volume Received for Dissolved Tests?	☐ Yes	☐ No	☑ N/A	10. Is sediment visible in the dissolved container? ☐ Yes ☐ No
Is sufficient information available to reconcile the samples to the COC? Matrix: ☑ Water ☐ Soil ☐ Oil ☐ Other	☑ Yes	☐ No		11. **If no, write ID/ Date/Time on Container Below:** **See Exception** ☐
All containers needing acid/base preservation have been checked?	☐ Yes	☐ No	☑ N/A	12. Sample #
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, <2pH, NaOH >9 Sulfide, NaOH>12 Cyanide)	☐ Yes	☐ No	☑ N/A	☐ NaOH ☐ HNO_3 ☐ H_2SO_4 ☐ Zinc Acetate
Exceptions: VOA, Coliform, TOC/DOC Oil and Grease, DRO/8015 (water) and Dioxin/PFAS JMG 070219	☑ Yes	☐ No	☐ N/A	Positive for Res. Chlorine? ☐ Yes ☐ No pH Paper Lot# **See Exception** ☐
				Res. Chlorine | 0-6 Roll | 0-6 Strip | 0-14 Strip
Headspace in VOA Vials (greater than 6mm)?	☐ Yes	☐ No	☐ N/A	13. **See Exception** ☒ JMG
Trip Blank Present?	☑ Yes	☐ No	☐ N/A	14. Pace Trip Blank Lot # (if purchased): 070219
Trip Blank Custody Seals Present?	☐ Yes	☑ No	☐ N/A	

CLIENT NOTIFICATION/RESOLUTION **Field Data Required?** ☐ Yes ☐ No

Person Contacted: Matt, Heather, Jeff Date/Time: 07/02/19

Comments/Resolution: Proceed with analysis over temperature, client notified of head space in trip blank vial, proceed with analyzing BTEX and NWTPHGx.

Project Manager Review: _____ Date: 07/02/19

Note: Whenever there is a discrepancy affecting North Ca... JENNI GROSS ...amples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect contair...

07/09/19 per Matt Davis, prioritize 8260 on 001 due to limited volume. JMG

Labeled by: _____

Pace Analytical	Document Name: **Headspace Exception**	Document Revised: 17Dec2018 Page 1 of 1
	Document No.: **F-MN-C-276-Rev.01**	Issuing Authority: Pace Minnesota Quality Office

Sample ID	Headspace greater than 6mm	Headspace less than 6mm	No Headspace	Total Vials	Sediment Present?
MW -13	1	0	5	6	N
MW - 15	1	1	4	6	N
TB	1	1	0	2	N

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
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September 23, 2019

Matthew Davis
GHD Services Inc.
3600 Port of Tacoma Road
Suite 302
Tacoma, WA 98424

RE: Project: 11145928 P66 Wenatchee
Pace Project No.: 10491145

Dear Matthew Davis:
Enclosed are the analytical results for sample(s) received by the laboratory on September 12, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jennifer Gross
jennifer.gross@pacelabs.com
(206)957-2426
Project Manager

Enclosures

cc: Rosemarie Borths, GHD Services Inc.
Jeffrey Cloud, GHD Services Inc.
Heather Gadwa, GHD
Eric Maise, GHD Services Inc.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
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CERTIFICATIONS

Project: 11145928 P66 Wenatchee
Pace Project No.: 10491145

Minnesota Certification IDs

1700 Elm Street SE, Minneapolis, MN 55414-2485
A2LA Certification #: 2926.01
Alabama Certification #: 40770
Alaska Contaminated Sites Certification #: 17-009
Alaska DW Certification #: MN00064
Arizona Certification #: AZ0014
Arkansas DW Certification #: MN00064
Arkansas WW Certification #: 88-0680
California Certification #: 2929
CNMI Saipan Certification #: MP0003
Colorado Certification #: MN00064
Connecticut Certification #: PH-0256
EPA Region 8+Wyoming DW Certification #: via MN 027-053-137
Florida Certification #: E87605
Georgia Certification #: 959
Guam EPA Certification #: MN00064
Hawaii Certification #: MN00064
Idaho Certification #: MN00064
Illinois Certification #: 200011
Indiana Certification #: C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky DW Certification #: 90062
Kentucky WW Certification #: 90062
Louisiana DEQ Certification #: 03086
Louisiana DW Certification #: MN00064
Maine Certification #: MN00064
Maryland Certification #: 322
Massachusetts Certification #: M-MN064
Michigan Certification #: 9909
Minnesota Certification #: 027-053-137
Minnesota Dept of Ag Certifcation #: via MN 027-053-137
Minnesota Petrofund Certification #: 1240
Mississippi Certification #: MN00064
Missouri Certification #: 10100
Montana Certification #: CERT0092
Nebraska Certification #: NE-OS-18-06
Nevada Certification #: MN00064
New Hampshire Certification #: 2081
New Jersey Certification #: MN002
New York Certification #: 11647
North Carolina DW Certification #: 27700
North Carolina WW Certification #: 530
North Dakota Certification #: R-036
Ohio DW Certification #: 41244
Ohio VAP Certification #: CL101
Oklahoma Certification #: 9507
Oregon Primary Certification #: MN300001
Oregon Secondary Certification #: MN200001
Pennsylvania Certification #: 68-00563
Puerto Rico Certification #: MN00064
South Carolina Certification #:74003001
Tennessee Certification #: TN02818
Texas Certification #: T104704192
Utah Certification #: MN00064
Vermont Certification #: VT-027053137
Virginia Certification #: 460163
Washington Certification #: C486
West Virginia DEP Certification #: 382
West Virginia DW Certification #: 9952 C
Wisconsin Certification #: 999407970
Wyoming UST Certification #: via A2LA 2926.01

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SAMPLE SUMMARY

Project: 11145928 P66 Wenatchee
Pace Project No.: 10491145

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10491145001	**GW-11145928-091119-EM-MW15**	Water	09/11/19 11:10	09/12/19 08:35
10491145002	**GW-11145928-091119-EM-MW13**	Water	09/11/19 12:25	09/12/19 08:35
10491145003	**Trip Blanks**	Water	09/11/19 00:00	09/12/19 08:35

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SAMPLE ANALYTE COUNT

Project: 11145928 P66 Wenatchee
Pace Project No.: 10491145

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10491145001	**GW-11145928-091119-EM-MW15**	NWTPH-Dx	JVM	4	PASI-M
		NWTPH-Gx	MJD	2	PASI-M
		EPA 8260B	ML4	7	PASI-M
10491145002	**GW-11145928-091119-EM-MW13**	NWTPH-Dx	JVM	4	PASI-M
		NWTPH-Gx	MJD	2	PASI-M
		EPA 8260B	ML4	7	PASI-M
10491145003	**Trip Blanks**	NWTPH-Gx	MJD	2	PASI-M
		EPA 8260B	ML4	7	PASI-M

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PROJECT NARRATIVE

Project: 11145928 P66 Wenatchee
Pace Project No.: 10491145

Method: **NWTPH-Dx**
Description: NWTPH-Dx GCS LV
Client: GHD Services Inc
Date: September 23, 2019

General Information:
2 samples were analyzed for NWTPH-Dx. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA Mod. 3510C with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: 631729

R1: RPD value was outside control limits.

- LCSD (Lab ID: 3406206)
  - Motor Oil Range

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: 11145928 P66 Wenatchee
Pace Project No.: 10491145

Method: **NWTPH-Gx**
Description: NWTPH-Gx GCV
Client: GHD Services Inc
Date: September 23, 2019

General Information:
3 samples were analyzed for NWTPH-Gx. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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(612)607-1700

PROJECT NARRATIVE

Project: 11145928 P66 Wenatchee
Pace Project No.: 10491145

Method: **EPA 8260B**
Description: 8260B MSV UST
Client: GHD Services Inc
Date: September 23, 2019

General Information:
3 samples were analyzed for EPA 8260B. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

QC Batch: 633524

A matrix spike and/or matrix spike duplicate (MS/MSD) were performed on the following sample(s): 10490737008,10491256001

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 3415425)
  - Ethylbenzene
- MSD (Lab ID: 3415426)
  - Ethylbenzene

Additional Comments:

Analyte Comments:

QC Batch: 633524

E: Analyte concentration exceeded the calibration range. The reported result is estimated.

- MS (Lab ID: 3415425)
  - Ethylbenzene

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street - Suite 200
Minneapolis, MN 55414
(612)607-1700

PROJECT NARRATIVE

Project: 11145928 P66 Wenatchee
Pace Project No.: 10491145

Method: **EPA 8260B**
Description: 8260B MSV UST
Client: GHD Services Inc
Date: September 23, 2019

Analyte Comments:

QC Batch: 633524

E: Analyte concentration exceeded the calibration range. The reported result is estimated.

- MSD (Lab ID: 3415426)
  - Ethylbenzene

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: 11145928 P66 Wenatchee
Pace Project No.: 10491145

Sample: GW-11145928-091119-EM-MW15 **Lab ID: 10491145001** Collected: 09/11/19 11:10 Received: 09/12/19 08:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS LV	Analytical Method: NWTPH-Dx Preparation Method: EPA Mod. 3510C							
Diesel Fuel Range	ND	ug/L	392	1	09/12/19 17:55	09/14/19 12:31	68334-30-5	
Motor Oil Range	ND	ug/L	392	1	09/12/19 17:55	09/14/19 12:31		
Surrogates								
o-Terphenyl (S)	77	%.	50-150	1	09/12/19 17:55	09/14/19 12:31	84-15-1	
n-Triacontane (S)	82	%.	50-150	1	09/12/19 17:55	09/14/19 12:31	638-68-6	
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx							
TPH as Gas	ND	ug/L	100	1		09/13/19 14:13		
Surrogates								
a,a,a-Trifluorotoluene (S)	77	%.	50-150	1		09/13/19 14:13	98-08-8	
8260B MSV UST	Analytical Method: EPA 8260B							
Benzene	ND	ug/L	1.0	1		09/21/19 13:34	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		09/21/19 13:34	100-41-4	
Toluene	ND	ug/L	1.0	1		09/21/19 13:34	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		09/21/19 13:34	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	94	%.	75-125	1		09/21/19 13:34	17060-07-0	
Toluene-d8 (S)	99	%.	75-125	1		09/21/19 13:34	2037-26-5	
4-Bromofluorobenzene (S)	98	%.	75-125	1		09/21/19 13:34	460-00-4	

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ANALYTICAL RESULTS

Project: 11145928 P66 Wenatchee
Pace Project No.: 10491145

Sample: GW-11145928-091119-EM-MW13 **Lab ID: 10491145002** Collected: 09/11/19 12:25 Received: 09/12/19 08:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS LV	Analytical Method: NWTPH-Dx Preparation Method: EPA Mod. 3510C							
Diesel Fuel Range	ND	ug/L	400	1	09/12/19 17:55	09/14/19 12:43	68334-30-5	
Motor Oil Range	ND	ug/L	400	1	09/12/19 17:55	09/14/19 12:43		
Surrogates								
o-Terphenyl (S)	75	%.	50-150	1	09/12/19 17:55	09/14/19 12:43	84-15-1	
n-Triacontane (S)	79	%.	50-150	1	09/12/19 17:55	09/14/19 12:43	638-68-6	
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx							
TPH as Gas	ND	ug/L	100	1		09/13/19 14:47		
Surrogates								
a,a,a-Trifluorotoluene (S)	73	%.	50-150	1		09/13/19 14:47	98-08-8	
8260B MSV UST	Analytical Method: EPA 8260B							
Benzene	ND	ug/L	1.0	1		09/21/19 14:43	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		09/21/19 14:43	100-41-4	
Toluene	ND	ug/L	1.0	1		09/21/19 14:43	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		09/21/19 14:43	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	94	%.	75-125	1		09/21/19 14:43	17060-07-0	
Toluene-d8 (S)	98	%.	75-125	1		09/21/19 14:43	2037-26-5	
4-Bromofluorobenzene (S)	100	%.	75-125	1		09/21/19 14:43	460-00-4	

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ANALYTICAL RESULTS

Project: 11145928 P66 Wenatchee
Pace Project No.: 10491145

Sample: Trip Blanks **Lab ID: 10491145003** Collected: 09/11/19 00:00 Received: 09/12/19 08:35 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx							
TPH as Gas	ND	ug/L	100	1		09/13/19 19:16		
Surrogates								
a,a,a-Trifluorotoluene (S)	76	%.	50-150	1		09/13/19 19:16	98-08-8	
8260B MSV UST	Analytical Method: EPA 8260B							
Benzene	ND	ug/L	1.0	1		09/20/19 14:26	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		09/20/19 14:26	100-41-4	
Toluene	ND	ug/L	1.0	1		09/20/19 14:26	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		09/20/19 14:26	1330-20-7	
Surrogates								
1,2-Dichloroethane-d4 (S)	97	%.	75-125	1		09/20/19 14:26	17060-07-0	
Toluene-d8 (S)	99	%.	75-125	1		09/20/19 14:26	2037-26-5	
4-Bromofluorobenzene (S)	101	%.	75-125	1		09/20/19 14:26	460-00-4	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 11145928 P66 Wenatchee
Pace Project No.: 10491145

QC Batch: 631947 Analysis Method: NWTPH-Gx
QC Batch Method: NWTPH-Gx Analysis Description: NWTPH-Gx Water
Associated Lab Samples: 10491145001, 10491145002, 10491145003

METHOD BLANK: 3407575 Matrix: Water
Associated Lab Samples: 10491145001, 10491145002, 10491145003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH as Gas	ug/L	ND	100	09/13/19 11:08	
a,a,a-Trifluorotoluene (S)	%.	72	50-150	09/13/19 11:08	

METHOD BLANK: 3407576 Matrix: Water
Associated Lab Samples: 10491145001, 10491145002, 10491145003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH as Gas	ug/L	ND	100	09/13/19 13:56	
a,a,a-Trifluorotoluene (S)	%.	73	50-150	09/13/19 13:56	

LABORATORY CONTROL SAMPLE & LCSD: 3407577 3407578

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
TPH as Gas	ug/L	1000	1030	973	103	97	75-125	6	20	
a,a,a-Trifluorotoluene (S)	%.				90	88	50-150			

SAMPLE DUPLICATE: 3407598

Parameter	Units	10490984001 Result	Dup Result	RPD	Max RPD	Qualifiers
TPH as Gas	ug/L	<38.3	ND		30	
a,a,a-Trifluorotoluene (S)	%.	74	70			

SAMPLE DUPLICATE: 3407599

Parameter	Units	10491145001 Result	Dup Result	RPD	Max RPD	Qualifiers
TPH as Gas	ug/L	ND	ND		30	
a,a,a-Trifluorotoluene (S)	%.	77	75			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 11145928 P66 Wenatchee
Pace Project No.: 10491145

QC Batch: 633524 Analysis Method: EPA 8260B
QC Batch Method: EPA 8260B Analysis Description: 8260B MSV UST-WATER
Associated Lab Samples: 10491145003

METHOD BLANK: 3415427 Matrix: Water
Associated Lab Samples: 10491145003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	09/20/19 12:27	
Ethylbenzene	ug/L	ND	1.0	09/20/19 12:27	
Toluene	ug/L	ND	1.0	09/20/19 12:27	
Xylene (Total)	ug/L	ND	3.0	09/20/19 12:27	
1,2-Dichloroethane-d4 (S)	%.	94	75-125	09/20/19 12:27	
4-Bromofluorobenzene (S)	%.	100	75-125	09/20/19 12:27	
Toluene-d8 (S)	%.	100	75-125	09/20/19 12:27	

LABORATORY CONTROL SAMPLE: 3415428

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	20	16.9	84	75-125	
Ethylbenzene	ug/L	20	18.3	92	75-125	
Toluene	ug/L	20	17.6	88	75-125	
Xylene (Total)	ug/L	60	55.0	92	75-125	
1,2-Dichloroethane-d4 (S)	%.			93	75-125	
4-Bromofluorobenzene (S)	%.			96	75-125	
Toluene-d8 (S)	%.			99	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3415425 3415426

Parameter	Units	10490737008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/L	2.0	20	20	17.8	17.9	79	79	30-150	0	30	
Ethylbenzene	ug/L	492	20	20	560	556	340	322	30-150	1	30	E,M1
Toluene	ug/L	25.5	20	20	43.5	44.0	90	92	30-150	1	30	
Xylene (Total)	ug/L	511	60	60	575	567	106	93	30-150	1	30	ES
1,2-Dichloroethane-d4 (S)	%.						104	99	75-125			
4-Bromofluorobenzene (S)	%.						101	101	75-125			
Toluene-d8 (S)	%.						101	103	75-125			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3415945 3415946

Parameter	Units	10491256001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/L	ND	20	20	16.3	17.3	82	87	30-150	6	30	
Ethylbenzene	ug/L	ND	20	20	18.2	19.8	91	99	30-150	9	30	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 11145928 P66 Wenatchee
Pace Project No.: 10491145

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3415945 3415946

Parameter	Units	10491256001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Toluene	ug/L	ND	20	20	17.5	18.8	87	94	30-150	7	30	
Xylene (Total)	ug/L	ND	60	60	53.1	58.5	89	98	30-150	10	30	
1,2-Dichloroethane-d4 (S)	%.						93	95	75-125			
4-Bromofluorobenzene (S)	%.						98	99	75-125			
Toluene-d8 (S)	%.						99	100	75-125			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 11145928 P66 Wenatchee
Pace Project No.: 10491145

QC Batch: 633736 Analysis Method: EPA 8260B
QC Batch Method: EPA 8260B Analysis Description: 8260B MSV UST-WATER
Associated Lab Samples: 10491145001, 10491145002

METHOD BLANK: 3416595 Matrix: Water
Associated Lab Samples: 10491145001, 10491145002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	09/21/19 11:35	
Ethylbenzene	ug/L	ND	1.0	09/21/19 11:35	
Toluene	ug/L	ND	1.0	09/21/19 11:35	
Xylene (Total)	ug/L	ND	3.0	09/21/19 11:35	
1,2-Dichloroethane-d4 (S)	%.	91	75-125	09/21/19 11:35	
4-Bromofluorobenzene (S)	%.	100	75-125	09/21/19 11:35	
Toluene-d8 (S)	%.	99	75-125	09/21/19 11:35	

LABORATORY CONTROL SAMPLE: 3416596

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	20	16.6	83	75-125	
Ethylbenzene	ug/L	20	18.3	91	75-125	
Toluene	ug/L	20	17.7	89	75-125	
Xylene (Total)	ug/L	60	53.2	89	75-125	
1,2-Dichloroethane-d4 (S)	%.			94	75-125	
4-Bromofluorobenzene (S)	%.			100	75-125	
Toluene-d8 (S)	%.			100	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3416627 3416628

Parameter	Units	10491145001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/L	ND	20	20	17.3	17.1	86	86	30-150	1	30	
Ethylbenzene	ug/L	ND	20	20	18.6	19.0	93	95	30-150	2	30	
Toluene	ug/L	ND	20	20	18.2	18.2	91	91	30-150	0	30	
Xylene (Total)	ug/L	ND	60	60	54.7	55.8	91	93	30-150	2	30	
1,2-Dichloroethane-d4 (S)	%.						91	95	75-125			
4-Bromofluorobenzene (S)	%.						100	98	75-125			
Toluene-d8 (S)	%.						100	101	75-125			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 11145928 P66 Wenatchee
Pace Project No.: 10491145

QC Batch: 631729 Analysis Method: NWTPH-Dx
QC Batch Method: EPA Mod. 3510C Analysis Description: NWTPH-Dx GCS LV
Associated Lab Samples: 10491145001, 10491145002

METHOD BLANK: 3406204 Matrix: Water
Associated Lab Samples: 10491145001, 10491145002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Fuel Range	ug/L	ND	400	09/14/19 10:37	
Motor Oil Range	ug/L	ND	400	09/14/19 10:37	
n-Triacontane (S)	%.	86	50-150	09/14/19 10:37	
o-Terphenyl (S)	%.	79	50-150	09/14/19 10:37	

LABORATORY CONTROL SAMPLE & LCSD: 3406205 3406206

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Diesel Fuel Range	ug/L	2000	1460	1740	73	87	50-150	18	20	
Motor Oil Range	ug/L	2000	1430	1770	71	89	50-150	22	20	R1
n-Triacontane (S)	%.				72	89	50-150			
o-Terphenyl (S)	%.				74	88	50-150			

SAMPLE DUPLICATE: 3406207

Parameter	Units	10490984001 Result	Dup Result	RPD	Max RPD	Qualifiers
Diesel Fuel Range	ug/L	196J	191J		30	
Motor Oil Range	ug/L	106J	120J		30	
n-Triacontane (S)	%.	75	73			
o-Terphenyl (S)	%.	66	68			

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 11145928 P66 Wenatchee
Pace Project No.: 10491145

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-M	Pace Analytical Services - Minneapolis

ANALYTE QUALIFIERS

E	Analyte concentration exceeded the calibration range. The reported result is estimated.
ES	The reported result is estimated because one or more of the constituent results are qualified as such.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
R1	RPD value was outside control limits.

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METHOD CROSS REFERENCE TABLE

Project: 11145928 P66 Wenatchee
Pace Project No.: 10491145

Parameter	Matrix	Analytical Method	Preparation Method
8260B MSV UST	Water	SW-846 8260B/5030B	N/A

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 11145928 P66 Wenatchee
Pace Project No.: 10491145

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10491145001	**GW-11145928-091119-EM-MW15**	EPA Mod. 3510C	631729	NWTPH-Dx	632159
10491145002	**GW-11145928-091119-EM-MW13**	EPA Mod. 3510C	631729	NWTPH-Dx	632159
10491145001	**GW-11145928-091119-EM-MW15**	NWTPH-Gx	631947		
10491145002	**GW-11145928-091119-EM-MW13**	NWTPH-Gx	631947		
10491145003	**Trip Blanks**	NWTPH-Gx	631947		
10491145001	**GW-11145928-091119-EM-MW15**	EPA 8260B	633736		
10491145002	**GW-11145928-091119-EM-MW13**	EPA 8260B	633736		
10491145003	**Trip Blanks**	EPA 8260B	633524		

Pace Analytical

CHAIN-OF-CUSTODY / Analytical Request

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

WO# : 10491145

10491145

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	GHD Services, Inc.	Report To:	Heather, Eric, Jeff, Rose	Attention:	Apinvoices-340@ghd.com / Jeff Clo
Address:	3600 Port of Tacoma Road # 302	Copy To:		Company Name:	GHD Services, Inc. - 340
	Tacoma, WA 98424			Address:	2055 Niagara Falls Blvd, NY 14304
Email To:	matthew.davis@ghd.com	Purchase Order No.		Pace Quote Reference:	
Phone:	253-573-1219 Fax	Client Project ID:	P66 Wenatchee	Pace Project Manager:	Jennifer Gross
Requested Due Date/TAT:	10 Day (Standard)	Project Number:	11145928	Pace Profile #:	38222 / 1

Regulatory Agency	
State / Location	WA / Wenatchee

ITEM #	SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique)	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	8260 BTEX	NWTPHGx	NWTPHDx	Residual Chlorine (Y/N)	Requested Analysis Filtered (Y/N)
1	GW-11145928-091119-EM-MW15	GW	G	9/11/19	1110				3				X					Y	X	X	X		001
2	GW-11145928-091119-EM-MW13	GW	G	9/11/19	1225				3				X					Y	X	X	X		002
3	Trip Blanks	GW	G						6				X					Y	X	X	X		003
4																							
5																							
6																							
7																							
8																							
9																							
10																							
11																							
12																							

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
11145928-2019-02 | 11145928 PH-Wenatchee		9/11	1400	Pace	9/12/19	0835	2.2 Y N Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Eric Maise

SIGNATURE of SAMPLER: [signature] DATE Signed: 9/11/19

TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

Pace Analytical	Document Name: **Sample Condition Upon Receipt Form**	Document Revised: 23Aug2019 Page 1 of 1
	Document No.: **F-MN-L-213-rev.29**	Issuing Authority: Pace Minnesota Quality Office

Sample Condition Upon Receipt

Client Name: GHD Services Inc **Project #:** **WO#: 10491145**

PM: JMG **Due Date: 09/25/19**

CLIENT: GHD_WA

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Pace ☐ SpeeDee ☐ Commercial **See Exceptions** ☐

Tracking Number: 4934 3733 0317

Custody Seal on Cooler/Box Present? ☐ Yes ☒ No **Seals Intact?** ☐ Yes ☑ No **Biological Tissue Frozen?** ☐ Yes ☐ No ☑ N/A

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other: _____ **Temp Blank?** ☒ Yes ☐ No

Thermometer: ☐ T1(0461) ☐ T2(1336) ☑ T3(0459) ☐ T4(0254) ☐ T5(0489) **Type of Ice:** ☑ Wet ☐ Blue ☐ None ☐ Dry ☐ Melted

Note: Each West Virginia Sample must have temp taken (no temp blanks)

Temp should be above freezing to 6°C	**Cooler Temp Read w/temp blank:** 2.1 °C	**Average Corrected Temp (no temp blank only):** ☐ See Exceptions
Correction Factor: +0.1	**Cooler Temp Corrected w/temp blank :** 2.2 °C	____ °C ☐ 1 Container

USDA Regulated Soil: (☑ N/A, water sample/Other: _____)
Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA. MS, NC, NM, NY, OK, OR, SC, TN, TX or VA (check maps)? ☐ Yes ☐ No

Date/Initials of Person Examining Contents: AM 09-12-19
Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

If Yes to either question, fill out a Regulated Soil Checklist (F-MN-Q-338) and include with SCUR/COC paperwork.

				COMMENTS:
Chain of Custody Present and Filled Out?	☑ Yes	☐ No		1.
Chain of Custody Relinquished?	☑ Yes	☐ No		2.
Sampler Name and/or Signature on COC?	☑ Yes	☐ No	☐ N/A	3.
Samples Arrived within Hold Time?	☑ Yes	☐ No		4.
Short Hold Time Analysis (<72 hr)?	☐ Yes	☑ No		5. ☐ Fecal Coliform ☐ HPC ☐ Total Coliform/E coli ☐ BOD/cBOD ☐ Hex Chrome ☐ Turbidity ☐ Nitrate ☐ Nitrite ☐ Orthophos ☐ Other
Rush Turn Around Time Requested?	☐ Yes	☑ No		6.
Sufficient Volume?	☑ Yes	☐ No		7.
Correct Containers Used? -Pace Containers Used?	☑ Yes ☑ Yes	☐ No ☐ No		8.
Containers Intact?	☑ Yes	☐ No		9.
Field Filtered Volume Received for Dissolved Tests?	☐ Yes	☐ No	☑ N/A	10. Is sediment visible in the dissolved container? ☐ Yes ☐ No
Is sufficient information available to reconcile the samples to the COC? Matrix: ☑ Water ☐ Soil ☐ Oil ☐ Other	☑ Yes	☐ No		11. **If no, write ID/ Date/Time on Container Below:** **See Exception** ☐
All containers needing acid/base preservation have been checked?	☐ Yes	☐ No	☑ N/A	12. Sample #
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO3, H2SO4, <2pH, NaOH >9 Sulfide, NaOH>12 Cyanide)	☐ Yes	☐ No	☑ N/A	☐ NaOH ☐ HNO_3 ☐ H_2SO_4 ☐ Zinc Acetate
Exceptions: VOA, Coliform, TOC/DOC Oil and Grease, DRO/8015 (water) and Dioxin/PFAS	☑ Yes	☐ No	☐ N/A	Positive for Res. Chlorine? ☐ Yes ☐ No **pH Paper Lot#** **See Exception** ☐
				Res. Chlorine | 0-6 Roll | 0-6 Strip | 0-14 Strip
Headspace in VOA Vials (greater than 6mm)?	☐ Yes	☑ No	☐ N/A	13. **See Exception** ☐
Trip Blank Present?	☑ Yes	☐ No	☐ N/A	14.
Trip Blank Custody Seals Present?	☑ Yes	☐ No	☐ N/A	Pace Trip Blank Lot # (if purchased) 071519-3CYR

CLIENT NOTIFICATION/RESOLUTION **Field Data Required?** ☐ Yes ☐ No

Person Contacted: _____ Date/Time: _____

Comments/Resolution: _____

Project Manager Review: _____ Jenni Gross _____ **Date:** 09/12/19

Note: Whenever there is a discrepancy affecting North Carolina samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers).

Labeled by: AT (3)

about GHD

GHD is one of the world's leading professional services companies operating in the global markets of water, energy and resources, environment, property and buildings, and transportation. We provide engineering, environmental, and construction services to private and public sector clients.

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