



Remediation Management Services Company

4 Centerpointe Drive, Suite 200
La Palma, CA 90623
Room LPR 4-222
Office: (657) 529-4503
Mobile: (925) 890-5733
Charles. Carmel @bp.com

February 15, 2018

Washington Department of Ecology
Northwest Regional Office
Attn: Ms. Donna Musa
3190 160th Avenue SE
Bellevue, WA 98008-5452

Dear Ms. Musa:

Please find the enclosed Subsurface Investigation Report, that documents the results at OPLC Allen Pump Station located at 16292 Ovenell Road, Mount Vernon, Washington.

Sincerely yours,

A handwritten signature in black ink, appearing to read 'Chuck Carmel', enclosed within a large, loopy oval.

Chuck Carmel
Operations Project Manager
Remediation Management Services Company
An affiliate of Atlantic Richfield Company

cc: File, Antea Group

SUBSURFACE INVESTIGATION REPORT

Olympic Pipeline Company

Allen Pump Station

16292 Ovenell Road

Mount Vernon, Washington

Antea[®]Group Project No. WAALLAA262.10160

February 15, 2018

Prepared for:

Remediation Management Services Company

An affiliate of Atlantic Richfield Company

4 Centerpointe Drive, Suite 200

Room LPR-4-222

La Palma, CA 90623

and

BP Pipelines and Logistics – Olympic District

600 SW 39th Street, Suite 275

Renton, WA 98057

Prepared by:

Antea Group

4006 148th Avenue NE

Redmond, WA 98052

800-477-7411

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Subsurface Investigation Report

OPLC Allen Pump Station

16292 Ovenell Road, Mount Vernon, Washington

1.0 INTRODUCTION

1.1 Purpose and Scope of Work

On behalf of Remediation Management (a BP-affiliated company), Antea®Group (Antea Group) has prepared this *Subsurface Investigation Report* for work completed at the Olympic Pipe Line Company (OPLC) Allen Pump Station located at 16292 Ovenell Road in Mount Vernon, Skagit County, Washington (hereinafter referred to as the “Site”). The subsurface investigation was completed to further evaluate shallow soil and groundwater conditions with respect to petroleum hydrocarbons within OPLC’s fenced facility, and in the adjacent fields to the north and west. The subsurface investigation scope of work included:

- Preparing a site-specific Health and Safety Plan (HASP) and Site Safety, Health, and Environmental Plan (SSHEP);
- Placing a call to the Utility Notification Center requesting the marking of all public utilities;
- Contracting a private utility locator and licensed driller in the State of Washington;
- Meeting the private utility locator to identify all private utilities at the Site;
- Pre-clearing the soil boring locations to a minimum of 6.5 feet below ground surface (bgs) using a vacuum truck with air-knife and/or hand auger;
- Installing five soil borings and subsequently developing them into five groundwater monitoring wells (MW-67 through MW-71);
- Collecting soil samples during pre-clearing and drilling activities;
- Collecting groundwater samples for quantitative chemical analyses;
- Surveying the top of casing elevations of the newly installed groundwater monitoring wells relative to existing groundwater monitoring wells;
- Interpreting the data obtained; and
- Preparing this report.

1.2 Site Description

The Site is an active petroleum pipeline pumping station operated by OPLC. The Site is located adjacent to State Route 20 (SR-20) between Avon-Allen Road and Higgins Airport Way in Mount Vernon, Washington. A Site Location Map is presented as Figure 1. The Site receives refined petroleum products from four refineries through two incoming 16-inch pipelines. The products received at the Site are pumped south to OPLC’s Renton Station through an outgoing 16-inch pipeline and an outgoing 20-inch main pipeline. The Site is fenced, and Site features include a control building, a storage facility, an 84,000-gallon aboveground utility storage tank, and various pipelines, pumps,

and monitoring equipment. A Puget Sound Energy (PSE) substation is located within the Site's fenced perimeter to the south. Outside and west of the Site's fenced perimeter are pipe racks, miscellaneous equipment storage, an access road and an undeveloped field. To the north of the fenced perimeter is a private residence and tillable farmland with periodic cattle grazing. To the south is a Burlington Northern Santa Fe (BNSF) operating railroad and associated easement. The fenced portion of the Site is approximately three acres in size; OPLC owns the adjacent undeveloped 12-acre parcel located west of the fenced area. An Extended Site Map detailing the site features is presented as Figure 2.

The surface of the Site consists of gravel, asphalt, and concrete within the fenced area, and undeveloped grassland outside of the fenced area. The Site is generally flat with surrounding topography sloping gradually to the south. The surrounding area adjacent to the Site is predominately agricultural land with some residential properties. According to Google Earth, the Site is approximately 17 feet above sea level. The nearest surface water bodies are Indian Slough, which is located along the Site's eastern property boundary, and the Skagit River, which is located approximately 2,000 feet to the southeast of the Site.

1.3 Site History

1.3.1 1973 through 1983 - Documented Releases

According to historical reports, four historical releases of petroleum products occurred at the Site between 1973 and 1983. The first documented release reportedly occurred on December 21, 1973, when approximately eight barrels (336 gallons) of diesel were released. Reports indicate that the entire volume of diesel released was recovered. The second release reportedly occurred on August 8, 1975, when approximately 570 barrels (24,000 gallons) of gasoline and diesel were released, and approximately 502 barrels (21,000 gallons) were recovered. The third release reportedly occurred on August 18, 1980, when four barrels of diesel were released. There was no reported product recovery following this release. The fourth release occurred on August 14, 1983, when 1,019 barrels (42,800 gallons) of diesel were released, and approximately 870 barrels (36,500 gallons) of product were recovered.

Additional information may be found in GeoEngineers' *October 2000 Quarterly Ground Water Monitoring and 1992/1993 Site Characterization Data* report, dated February 8, 2001.

1.3.2 August 1988 – Pipeline Rupture

On August 23, 1988, the 16-inch diameter high-pressure pipeline located under the OPLC Allen Pump Station ruptured. The pipeline ruptured in the southwest corner of the fenced perimeter of Allen Station and released approximately 4,000 barrels (168,000 gallons) of diesel fuel. Immediately following the 1988 release, vacuum trucks were used to remove diesel from a recovery trench and from product recovery wells that were installed in the affected area. Approximately 1,079 barrels (45,318 gallons) of diesel had been recovered within two days after the release. Records indicate that between September 1988 and February 1989, 28 monitoring wells and 8 recovery

wells were installed in and around the affected area. The new wells were in addition to 20 existing monitoring wells at the Site. A soil/bentonite cutoff wall was installed along the southwest corner of the fenced perimeter of the station. Additionally, a vapor extraction (VE) system was installed to reduce vapors under the station's control building. The total recorded quantity of recovered product was estimated to be 2,300 barrels (96,600-gallons). In 1989, water samples were collected from shallow domestic water wells in the vicinity, and surface water samples were collected from two farms that surrounded the Site. Analytical results from the water samples indicated hydrocarbon concentrations of less than 1.0 milligram per liter (mg/L).

1.3.3 April 1990 – Subsurface Investigation

In 1990, Rittenhouse Zeman and Associates, Inc. (RZA) collected 91 soil samples from 46 sample locations located on the property west of and adjacent to Allen Station, and from areas adjacent to the recovery trench. The samples were analyzed for Total Petroleum Hydrocarbons (TPH) by Environmental Protection Agency (EPA) Method 418.1. Twelve samples contained concentrations of TPH in excess of Washington State Department of Ecology's (Ecology) current Model Toxics Control Act (MTCA) Method A Cleanup Level for diesel of 2,000 milligrams per kilogram (mg/kg); however, the 418.1 analytical method did not separate gasoline range hydrocarbons from diesel range hydrocarbons.

1.3.4 June 1991 – Subsurface Investigation and Interim Response

In June 1991, RZA directed the original recovery trench to be backfilled, and a second trench was installed 25 feet north of the previous recovery trench. An oil/water separator was installed within the new trench in the southwest corner of the undeveloped 12-acre parcel. Additionally, RZA collected ten soil samples at depths ranging from two to four feet bgs in the vicinity of the new recovery trench. According to the GeoEngineers' summary, nine of the ten soil samples contained concentrations of TPH in excess of MTCA Method A Cleanup Levels.

1.3.5 October 1991 – Subsurface Investigation

In October 1991, GeoEngineers directed the installation of four hand auger borings in the vicinity of the product recovery trench and undeveloped 12-acre parcel adjacent to the fenced facility. According to GeoEngineers' summary of previous investigations, one of the four samples contained concentrations of TPH in excess of MTCA Method A Cleanup Levels. Additionally, groundwater samples were collected from the monitoring wells at the end of the recovery trench. One water sample was reported to contain concentrations of TPH in excess of MTCA Method A Cleanup Levels.

1.3.6 June 1992 through April 1993 – Subsurface Investigation

Between June 23, 1992 and April 14, 1993, GeoEngineers conducted a subsurface investigation of the adjacent 12-acre parcel. The investigation included the installation of 58 hand-auger soil borings to depths ranging between two and 13 feet bgs. GeoEngineers reported: "gasoline- and diesel-range hydrocarbons were detected at concentrations exceeding MTCA Method A Cleanup Levels in soil samples obtained from depths ranging from two to 13 feet bgs on

the western portion of the Site as well as locations north, south, and west of the Site. The limits of soil contamination north of the Site were not clearly defined.” Furthermore, GeoEngineers estimated the volume of petroleum contaminated soil west of the fenced facility to be approximately 21,400 to 53,600 cubic yards.

1.3.7 2002 – Groundwater Sampling

In 2002 and 2003, quarterly groundwater monitoring and sampling resumed after being suspended in 1994. Semi-annual or annual groundwater samples have been collected at the Site since 2004.

1.3.8 June 2007 – Subsurface Investigation

On July 16, 2007, and September 25, 2007, Delta Consultants, Inc. (Delta) conducted subsurface investigations. Activities included collecting 36 soil samples and 18 groundwater samples from soil borings installed west and south of the fenced area of the Site. The soil borings were drilled to depths ranging between 10 and 32 feet bgs. Soil analytical results indicated concentrations of petroleum hydrocarbons in excess of MTCA Method A Cleanup Levels in 13 of the 36 soil samples submitted for analyses. Groundwater analytical results indicated concentrations of petroleum hydrocarbons in excess of MTCA Method A Cleanup Levels in 13 of the 18 groundwater samples submitted for analyses.

Additional information may be found in Delta’s *Soil and Groundwater Assessment Report*, dated March 2008.

1.3.9 August 2009 – Subsurface Investigation

On August 25, 2009, Delta advanced seven direct-push borings as part of a subsurface investigation to further delineate the extent of hydrocarbon impacts west of the fenced facility. Soil analytical data indicated five of the seven soil samples contained concentrations of petroleum hydrocarbons in excess of MTCA Method A Cleanup Levels. Laboratory analytical results for the groundwater samples collected from the borings indicated concentrations of petroleum hydrocarbons in excess of MTCA Method A Cleanup Levels in three of the seven borings.

Additional information may be found in Delta’s *Supplemental Soil and Groundwater Assessment Report*, dated May 2010.

1.3.10 March 2010 – Site Hazard Assessment

On March 18, 2010, the Skagit County Health Department, on behalf of Ecology, conducted an Initial Site Hazard Assessment (SHA) at the Site. On August 23, 2010, the Skagit County Health Department issued the SHA results. Allen Station’s hazard ranking, an estimation of the potential threat to human health and/or the environment relative to all other Washington state sites assessed at the time, was determined to be a 1, where 1 represents the highest relative risk and 5 the lowest. Following the SHA, water sample collection from the oil/water separator located in the southwest corner of the Site was added to the semi-annual scope of work.

1.3.11 January 2011 – Agricultural Well

On January 31, 2011, following a request by the Skagit County Health Department, Antea Group collected a groundwater sample from an agricultural well located on the property north of and adjacent to Allen Station. Analytical results of the groundwater sample were below laboratory method detection limits and MTCA Method A Cleanup Levels. A report documenting the analytical results was submitted to the Skagit County Health Department on May 3, 2011.

1.3.12 October 2013 – Subsurface Investigation

Antea Group conducted a subsurface investigation at OPLC Allen Pump Station. The investigation was performed to further delineate shallow soil and groundwater in regard to petroleum hydrocarbon concentrations at the Site. On October 28 and 29, 2013, Antea Group directed the installation of six groundwater monitoring wells on the Site. A total of twelve soil samples were collected and submitted to Test America for quantitative chemical analyses. Soil laboratory analytical results indicated that concentrations of total petroleum hydrocarbons as gasoline (TPH-G), total petroleum hydrocarbons as diesel (TPH-D), benzene, ethylbenzene, and xylenes exceeded MTCA Method A Cleanup Levels. Groundwater samples were collected from all monitoring wells on the Site and were submitted for analysis on December 17, 2013. Groundwater analytical results indicated concentrations of TPH-G, TPH-D, benzene, ethylbenzene, and xylenes in excess of MTCA Method A Cleanup Levels.

Additional information may be found in Antea Group's *Subsurface Investigation Report*, dated March 26, 2014.

1.3.13 November and December 2014 – Subsurface Investigation

Antea Group conducted a subsurface investigation at OPLC Allen Pump Station between November and December 2014. The investigation was performed following a release of product from a 2-inch bleed valve located on the body of the 20-inch main line valve. On November 9, 2014, light non-aqueous phase liquid (LNAPL) was observed in monitoring well MW-18. The release was discovered on November 10, 2014 by OPLC personnel performing maintenance activities on equipment associated with the 20-inch main line valve. Between November 6 and 17, 2014, and December 17 and 19, 2014, Antea Group directed the advancement of 45 soil borings, and subsequently developed 26 of the soil borings into groundwater monitoring wells. A total of 70 soil samples were collected and submitted to Test America or ALS for quantitative chemical analyses. Soil laboratory analytical results indicated concentrations of TPH-G, TPH-D, and/or benzene, toluene, ethylbenzene, xylenes (BTEX) in excess of MTCA Method A Cleanup Levels in 37 of the 70 soil samples. Groundwater monitoring and sampling events were conducted on all monitoring wells between November 6 and 7, 2014, on November 11, 2014, between November 17 and 19, 2014, and between January 12 and 14, 2015. Groundwater analytical results indicated concentrations of TPH-G, TPH-D, and/or BTEX in excess of MTCA Method A Cleanup Levels in a majority of the wells on site. Surface water samples were collected from three locations on Big Indian Slough on November 19, 2014. Surface water analytical results did not detect petroleum hydrocarbons in any of the samples. One sample was collected from the agricultural well located on the adjacent property to the north on December 1, 2014. Laboratory analytical results indicated that

concentrations of petroleum hydrocarbons were not detected in excess of MTCA Method A Cleanup Levels or laboratory MRLs. Following the release response, Antea Group conducted weekly groundwater gauging events of all wells to monitor for the presence of LNAPL at the Site. Weekly multi-phase extraction (MPE) events were conducted on any well with measureable LNAPL. Measureable LNAPL has been observed in wells MW-18, MW-34, RW-1, RW-3, RW-4, RW-5, and/or RW-7. Since initial response activities through March 2015, approximately 563 gallons of LNAPL have been recovered.

Additional information may be found in Antea Group's *Subsurface Investigation Report*, dated April 10, 2015.

1.3.14 September 2015 – Subsurface Investigation

Antea Group conducted a subsurface investigation at OPLC Allen Pump Station between September 28 and 30, 2015. The subsurface investigation was completed to further evaluate shallow soil and groundwater conditions with respect to petroleum hydrocarbons within OPLC's fenced facility, and in the adjacent fields to the north and west of OPLC's fenced facility. Antea Group oversaw the installation of 12 monitoring wells (MW-55 through MW-66) at the site. Quantitative laboratory analyses indicated concentrations of TPH-G and TPH-D in excess of MTCA Method A Cleanup Levels in soil samples from MW-58, MW-59, MW-65, and MW-66. Concentrations of benzene, ethylbenzene, and/or xylenes in soil samples MW-65 and MW-66 were detected in excess of MTCA Method A Cleanup Levels. Groundwater samples collected from the newly installed wells indicated concentrations of petroleum hydrocarbons in excess of MTCA Method A Cleanup Levels in wells MW-56, MW-58, MW-59, MW-63, and MW-66. Maximum concentrations of TPH-G were observed in well MW-56 at 41,000 ug/L. Maximum concentrations of benzene were observed in well MW-65 at 3,900 ug/L.

Additional information may be found in Antea Group's *Subsurface Investigation Report*, dated February 9, 2016.

1.4 Current Site Activities

Quarterly groundwater sampling events were conducted on January 18 and 19, 2016, April 19 and 20, 2016, July 19 and 20, 2016, and November 8 through 10, 2016. Between January and June, 2016, bi-weekly groundwater monitoring was conducted on all accessible wells on Site. In July 2016, monitoring events were reduced to monthly and have continued to be conducted on a monthly schedule. It should be noted that the October 2016 monthly monitoring event did not occur due to the well installation event. Monthly groundwater monitoring and quarterly sampling events are to continue in 2017. Results of the groundwater monitoring and sampling events that were conducted during the first half of 2016 are summarized in Antea Group's *Semi-Annual Status Report* dated September 8, 2016. Environmental monitoring and sampling activities conducted in the second half of 2016 are summarized in this report.

2.0 PROJECT ACTIVITIES

2.1 Drilling and Soil Sampling

Prior to the commencement of work, Antea Group contacted the Utility Notification Center to identify and mark the locations of known public underground utilities in the area. Prior to ground disturbance activities, Applied Professional Services, Inc. (APS) of North Bend, Washington was contracted to mark the locations of private underground utilities on the property. Proposed boring locations were adjusted where the presence of underground utilities were identified during private utility locating activities.

Between October 24 through 25, 2015, Antea Group contracted Cascade Drilling, Inc. (Cascade) of Woodinville, Washington in drilling and installation of five monitoring wells (MW-67 through MW-71) using a limited access direct push Geoprobe® drill rig. Four of the five monitoring wells (MW-67 through MW-69) were installed in the adjacent field north of the fenced facility. Monitoring well MW-67 was installed east of MW-63. Monitoring wells MW-68 and MW-69 were installed north of wells MW-63 and MW-62, respectively. Monitoring well MW-70 was installed north of MW-60, on the north side of the fiber optic line. The remaining monitoring well (MW-71) was installed to the west of the fenced facility. This well was installed southwest of MW-64 in the gravel driveway that runs west along the southern border of the site.

All boring locations were cleared to a minimum depth of 6.5 feet bgs with a vacuum truck and/or hand auger. Shallow soil samples were collected from select borings using a hand auger advanced into the undisturbed soil ahead of the pre-cleared/widened boring. Discrete soil samples were collected between 2 feet to 13 feet bgs to characterize subsurface lithology and to provide samples for chemical analyses. An Antea Group geologist examined each soil sample and logged the borings using the Unified Soil Classification System. After collection, each soil sample was field screened for the presence of volatile organic compounds with a photoionization detector (PID) to facilitate selecting representative soil samples for laboratory chemical analyses. A total of five soil samples from the vadose zone were submitted to Test America in Tacoma, Washington for quantitative chemical analyses following chain-of-custody documentation. The field procedures used during the investigation are provided in Appendix A.

2.2 Well Completion Details

The newly installed monitoring wells were set at 13 feet bgs and completed as 2-inch groundwater monitoring wells consisting of Schedule 40 (SCH 40) poly-vinyl chloride (PVC) casing with ten feet of 0.010" slotted screen. The annular space of each monitoring well consisted of #2/12 filter sand 12 inches above the screen, followed with a seal of hydrated bentonite chips. All wells were completed below grade with a flush mounted well box cemented in place over the well head.

Boring logs detailing soil horizons, sample recovery, PID screening values, and well completion details are presented in Appendix B.

2.3 Well Development and Surveying

On October 25, 2016, all newly installed monitoring wells were developed using a submersible whale pump to purge a minimum of three casing volumes, or until the monitoring well ran dry. Approximately 26 gallons of purge water was removed from the wells during the development process.

The location and elevation of the five new monitoring wells were surveyed on October 25, 2015. The top of casing for each well was surveyed relative to the existing benchmarks (MW-63, MW-64 and MW-61) and elevations were surveyed to the nearest 0.01 foot.

2.4 Groundwater Monitoring Sampling

Third quarter groundwater monitoring and sampling was conducted on July 19 and 20, 2016. Groundwater samples were collected from monitoring wells C, MW-1, MW-2, MW-12, MW-14, MW-18 through MW-25, MW-27 through MW-29, MW-31, MW-32, MW-35 through MW-45, MW-47 through MW-53, MW-55 through and MW-66, and IW-1. No groundwater samples were collected from monitoring wells MW-9, MW-17A, and MW-54 due to dry conditions within the wells. Groundwater samples were not collected from monitoring well MW-34 due to measurable LNAPL at a thickness of 0.04 feet.

Fourth quarter groundwater monitoring and sampling was conducted on November 8 through 10, 2016. Groundwater samples were collected from existing monitoring wells MW-C, IW-1, MW-1, MW-2, MW-12, MW-14, MW-17A, MW-18 through MW-25, MW-28, MW-29, MW-31, MW-32, MW-35 through MW-66, and from newly installed wells MW-67 through MW-71. The agricultural well (AG Well) located on the eastern side of the adjacent field to the north was also sampled. No groundwater samples were collected from monitoring well MW-9 due to an insufficient volume within the well. No groundwater samples were collected from MW-34 due to the presence of measureable LNAPL at a thickness of 1.75 feet. In addition, no groundwater samples were collected from monitoring well MW-27 since the well was buried under thick compact gravel and could not be located during the event.

The samples collected during the July 2016 and November 2016 sampling events were collected by low-flow sampling techniques utilizing a peristaltic pump with dedicated tubing. Groundwater was collected in laboratory supplied containers and the groundwater samples were submitted to Test America Inc. in Tacoma, Washington for quantitative hydrocarbon analysis following chain-of-custody documentation.

2.5 Investigation-Derived Waste

Investigation-derived waste in the form of soil cuttings, decontamination fluids, and purge water from the October 2016 drilling event and November 2016 groundwater sampling event was temporarily stored in sealed, properly labeled, 55 gallon drums on site. The drums were removed by Cascade on December 22, 2016 and properly disposed of by Stericycle in Kent, Washington on December 26, 2016. Purgewater within the Rain-for-Rent tank on Site was

drained and disposed of at Stericycle in Kent, Washington on December 29, 2016. Waste manifests for both disposal events are included in Appendix C.

3.0 PROJECT RESULTS

3.1 Subsurface Lithologic Conditions

According to the *EDR Radius Map Report with Geotcheck®*, the dominant soil compositions in the area are Sumas soils. The Sumas series consist of silt-clay mixtures with varying amounts of fine sand. Soils observed during previous investigations include silty to gravelly sand fill material in isolated locations from 0 to 3 feet bgs and native silty sand, silt, and clay. These soils are consistent with the Sumas series. This type of soil belongs to the Class D hydrologic group meaning the soil has very slow infiltration rates due to clay content impeding the downward movement of water.

The Site is located within the Skagit River Watershed. Groundwater flow direction at the Site is predominately to the southwest. Depth to groundwater ranges from 0.90 feet bgs to 11.62 feet bgs. Based on Antea Group's field observations, the Site soils generally consist of clay, silt, silty-sand and sand. These observations are consistent with the geological classification of the area. More detailed descriptions of the subsurface are presented in the soil boring logs in Appendix B.

3.2 Quantitative Soil Analyses

Test America analyzed the soil samples for the presence of the following constituents:

- TPH-G by Northwest Method NWTPH-Gx;
- TPH-D and total petroleum hydrocarbons as oil (TPH-O) by Northwest Method NWTPH-Dx;
- BTEX by Environmental Protection Agency (EPA) Method 8260B; and
- Total lead by 6020.

Quantitative laboratory analyses indicated that all soil samples submitted for analysis did not contain hydrocarbon concentrations in excess of laboratory method reporting limits and/or MTCA Method A Cleanup Levels.

Soil analytical data are summarized in Table 1 and presented on Figure 3. The laboratory analytical reports are presented in Appendix D.

3.3 Quantitative Groundwater Analyses

Test America analyzed the groundwater samples for the presence of the following constituents:

- TPH-G by Northwest Method NWTPH-Gx;
- TPH-D and TPH-O by Northwest Method NWTPH-Dx; and

- BTEX by EPA Method 8260.

Quantitative laboratory analyses indicated concentrations of TPH-G, TPH-D, TPH-O, and BTEX in excess of MTCA Method A Cleanup Levels in the majority of monitoring wells on site during the second half 2016 groundwater monitoring and sampling events. TPH-G was detected at a maximum concentration of 82,000 micrograms per liter (ug/L), in well MW-35 (July 2016 event). TPH-D and TPH-O were detected at maximum concentrations of 11,000 ug/L and 1,500 ug/L, respectively in well MW-59 (November 2016 event). Benzene was detected at a maximum concentration of 16,000 ug/L in monitoring well MW-53 (July 2016 event). Toluene was detected at a maximum concentration of 18,000 ug/L in well MW-35 (July 2016 event). Ethylbenzene was detected at maximum concentrations of 2,800 ug/L in well MW-35 (July 2016 event). Total xylenes was detected at a maximum concentration of 16,000 ug/L in well MW-31 (July 2016 event).

Groundwater Analytical Data Maps for the July 2016 and November 2016 sampling events are presented on Figures 4, Figure 5A and Figure 5B. Groundwater Elevation Contour Maps are presented on Figures 6 and 7. TPH-G Plume Maps are presented on Figures 8 and 9. Groundwater Gauging Data is summarized in Table 2. Groundwater Analytical Data summarized in Table 3, and a copy of the groundwater laboratory analytical reports from the July 2016 and November 2016 events are included as Appendix E.

4.0 SUMMARY

On behalf of Remediation Management, Antea Group conducted a subsurface investigation at OPLC Allen Pump Station. The investigation was performed to further evaluate shallow soil and groundwater conditions with respect to petroleum hydrocarbons. Between October 25 and 26, 2016, Antea Group directed the advancement of five soil borings as groundwater monitoring wells. None of the soil samples submitted for analysis contained hydrocarbon concentrations in excess of laboratory method reporting limits and/or MTCA Method A Cleanup Levels. Third and fourth quarter groundwater monitoring and sampling events were conducted between July 19 and 20, 2016, and November 8 through 10, 2016, respectively. Groundwater analytical results indicated concentrations of TPH-G, TPH-D, and/or BTEX in excess of MTCA Method Cleanup Levels in a majority of the wells on site. Antea Group will continue to conduct quarterly groundwater sampling events.

5.0 REFERENCES

- October 2000 Quarterly Ground Water Monitoring and 1992/1993 Site Characterization Data, GeoEngineers, February 8, 2001.
- Soil and Groundwater Assessment Report, Delta Consultants, March 2008.
- Supplemental Soil and Groundwater Assessment Report, Delta Consultants, May 2010.
- Subsurface Investigation Report, Antea Group, March 2014.
- Subsurface Investigation Report, Antea Group, April 2015.
- Subsurface Investigation Report, Antea Group, February 2016.
- Semi-Annual Status Report, Antea Group, September 8, 2016.

6.0 REMARKS

The recommendations contained in this report represent Antea USA, Inc.'s professional opinions based upon the currently available information and are arrived at in accordance with currently accepted professional standards. This report is based upon a specific scope of work requested by the client. The contract between Antea USA, Inc. and its client outlines the scope of work, and only those tasks specifically authorized by that contract or outlined in this report were performed. This report is intended only for the use of Antea USA, Inc.'s client and anyone else specifically identified in writing by Antea USA, Inc. as a user of this report. Antea USA, Inc. will not and cannot be liable for unauthorized reliance by any other third party. Other than as contained in this paragraph, Antea USA, Inc. makes no express or implied warranty as to the contents of this report.

Prepared by:



Taylor Roberts
Project Professional

Date: February 15, 2018

Reviewed by:

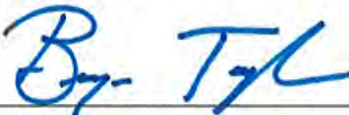


Megan Richard, LG
Project Manager



MEGAN RICHARD

Date: February 15, 2018



Bryan Taylor
Consultant

Date: February 15, 2018

cc: Mr. Justin Ivy, OPLC, Renton, WA (Electronic Copy)
Ms. Donna Musa, Department of Ecology, Northwest Regional Office (Hardcopy)
Ms. Polly Dubbel, Skagit County Health Department, Mount Vernon, WA (Hardcopy)
Mr. Michael Nemnich, Mount Vernon, WA (Hardcopy)
File, Antea Group

Tables

Table 1	Soil Analytical Data
Table 2	Groundwater Gauging Data
Table 3	Groundwater Analytical Data

Table 1
Soil Analytical Data
Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

CONSTITUENT UNIT			B mg/kg	T mg/kg	E mg/kg	X mg/kg	TPH-G mg/kg	TPH-D mg/kg	TPH-O mg/kg	Lead mg/kg
MTCA METHOD A CLEANUP LEVELS			0.03	7	6	9	30/100*	2000	2000	250
Sample ID	Depth (ft bgs)	Date								
MW-67-3.0	3	10/24/2016	< 0.025	< 0.061	< 0.061	< 0.31	< 6.1	< 30	< 60	3.6
MW-68-2.5	2.5	10/24/2016	< 0.021	< 0.053	< 0.053	< 0.26	< 5.3	< 30	< 60	2.1
MW-69-2.5	2.5	10/24/2016	< 0.019	< 0.048	< 0.048	< 0.24	< 4.8	< 25	< 49	1.0
MW-70-2.5	2.5	10/24/2016	< 0.026	< 0.064	< 0.064	< 0.32	< 6.4	< 34	< 67	2.5
MW-71-2.5	2.5	10/25/2016	< 0.024	< 0.060	< 0.060	< 0.30	< 6.0	< 29	< 59	1.8

Notes:

B = Benzene

T = Toluene

E = Ethyl benzene

X = Xylenes, Total

TPH-G = Total petroleum hydrocarbons as gasoline by Northwest Method NWTPH-Gx

TPH-D = Total petroleum hydrocarbons as diesel by Northwest Method NWTPH-Dx

TPH-O = Total petroleum hydrocarbons as oil by Northwest Method NWTPH-Dx

30/100* = 100 mg/kg if no detectable levels of Benzene in the sample - otherwise 30 mg/kg

<1.0 = Concentrations were not detected above the laboratory method reporting limit.

mg/kg = Milligrams per kilogram

ft bgs = Feet below ground surface

ND = Not detected

-- = No value given/Not analyzed/Not applicable

MTCA = Model Toxics Control Act

Results in **bold** indicate concentrations in excess of MTCA Method A Cleanup Levels

TABLE 2
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
C	6/23/1992	101.40	8.47	NP	--	92.93	--
C	7/2/1992	101.40	7.99	NP	--	93.41	--
C	8/17/1992	101.40	8.66	NP	--	92.74	--
C	9/30/1992	101.40	--	--	--	--	NG
C	10/30/1992	101.40	8.47	NP	--	92.93	--
C	11/30/1992	101.40	3.57	NP	--	97.83	--
C	4/16/1993	101.40	6.84	NP	--	94.56	--
C	10/3/2000	101.40	--	--	--	--	Dry
C	2/28/2001	101.40	6.55	NP	--	94.85	--
C	5/30/2001	101.40	7.81	NP	--	93.59	--
C	8/22/2001	101.40	9.16	NP	--	92.24	--
C	11/21/2001	101.40	6.49	NP	--	94.91	--
C	2/20/2002	101.40	5.31	NP	--	96.09	--
C	5/16/2002	101.40	6.89	NP	--	94.51	--
C	8/2/2002	101.40	8.22	NP	--	93.18	--
C	12/19/2002	101.40	8.72	NP	--	92.68	--
C	5/19/2003	101.40	8.10	NP	--	93.30	--
C	11/13/2003	101.40	7.51	NP	--	93.89	--
C	6/4/2004	101.40	7.13	NP	--	94.27	--
C	10/7/2004	101.40	7.98	NP	--	93.42	--
C	4/28/2005	101.40	6.00	NP	--	95.40	--
C	11/16/2005	101.40	5.95	NP	--	95.45	--
C	6/13/2006	101.40	7.44	NP	--	93.96	--
C	2/26/2007	101.40	3.79	NP	--	97.61	--
C	5/9/2007	101.40	7.48	NP	--	93.92	--
C	7/16/2007	101.40	8.99	NP	--	92.41	--
C	8/22/2007	101.40	9.19	NP	--	92.21	--
C	9/25/2007	101.40	9.80	NP	--	91.60	--
C	10/25/2007	101.40	7.40	NP	--	94.00	--
C	11/9/2007	101.40	8.15	NP	--	93.25	--
C	12/3/2007	101.40	7.12	NP	--	94.28	--
C	1/17/2008	101.40	4.64	NP	--	96.76	--
C	4/7/2008	101.40	4.94	NP	--	96.46	--
C	7/22/2008	101.40	8.55	NP	--	92.85	--
C	10/21/2008	101.40	9.37	NP	--	92.03	--
C	1/20/2009	101.40	4.61	NP	--	96.79	--
C	7/6/2009	101.40	9.07	NP	--	92.33	--
C	3/17/2010	101.40	6.51	NP	--	94.89	--
C	9/15/2010	101.40	8.89	NP	--	92.51	--
C	3/4/2011	101.40	4.31	NP	--	97.09	--
C	8/24/2011	101.40	8.89	NP	--	92.51	--

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Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
C	5/10/2012	101.40	4.95	NP	--	96.45	--
C	11/15/2012	101.40	7.07	NP	--	94.33	--
C	3/27/2013	101.40	5.36	NP	--	96.04	--
C	12/17/2013	101.40	7.21	NP	--	94.19	--
C	6/24/2014	101.40	7.77	NP	--	93.63	--
C	11/7/2014	101.40	4.60	NP	--	96.80	--
C	11/8/2014	101.40	4.71	NP	--	96.69	--
C	11/8/2014	101.40	4.75	NP	--	96.65	--
C	11/10/2014	101.40	5.01	NP	--	96.39	--
C	11/12/2014	101.40	5.39	NP	--	96.01	--
C	11/18/2014	101.40	6.34	NP	--	95.06	--
C	11/19/2014	101.40	6.40	NP	--	95.00	--
C	12/1/2014	98.86	4.71	NP	--	94.15	--
C	12/8/2014	98.86	5.00	NP	--	93.86	--
C	12/15/2014	98.86	4.67	NP	--	94.19	--
C	12/22/2014	98.86	4.69	NP	--	94.17	--
C	12/29/2014	98.86	4.25	NP	--	94.61	--
C	1/5/2015	98.86	2.98	NP	--	95.88	--
C	1/12/2015	98.86	4.71	NP	--	94.15	--
C	1/19/2015	98.86	4.26	NP	--	94.60	--
C	1/26/2015	98.86	4.26	NP	--	94.60	--
C	2/2/2015	98.86	5.03	NP	--	93.83	--
C	2/9/2015	98.86	4.15	NP	--	94.71	--
C	2/16/2015	98.86	4.67	NP	--	94.19	--
C	2/23/2015	98.86	5.03	NP	--	93.83	--
C	3/2/2015	98.86	4.87	NP	--	93.99	--
C	3/9/2015	98.86	5.54	NP	--	93.32	--
C	3/16/2015	98.86	4.39	NP	--	94.47	--
C	3/23/2015	98.86	4.51	NP	--	94.35	--
C	3/30/2015	98.86	4.86	NP	--	94.00	--
C	4/6/2015	98.86	5.58	NP	--	93.28	--
C	4/22/2015	98.86	6.97	NP	--	91.89	--
C	5/4/2015	98.86	7.11	NP	--	91.75	--
C	5/18/2015	98.86	7.65	NP	--	91.21	--
C	6/1/2015	98.86	8.29	NP	--	90.57	--
C	6/15/2015	98.86	8.73	NP	--	90.13	--
C	6/19/2015	98.86	8.86	NP	--	90.00	--
C	6/29/2015	98.86	9.06	NP	--	89.80	--
C	7/13/2015	98.86	9.44	NP	--	89.42	--
C	7/28/2015	98.86	9.62	NP	--	89.24	--
C	8/10/2015	98.86	9.75	NP	--	89.11	--

TABLE 2
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
C	8/24/2015	98.86	--	--	--	--	Dry
C	9/8/2015	98.86	9.60	NP	--	89.26	--
C	9/21/2015	98.86	9.58	NP	--	89.28	--
C	10/5/2015	98.86	9.66	NP	--	89.20	--
C	10/12/2015	98.86	9.60	NP	--	89.26	--
C	10/19/2015	98.86	9.62	NP	--	89.24	--
C	11/2/2015	98.86	8.42	NP	--	90.44	--
C	11/16/2015	98.86	4.15	NP	--	94.71	--
C	11/30/2015	98.86	5.71	NP	--	93.15	--
C	1/18/2016	98.86	5.07	NP	--	93.79	--
C	2/1/2016	98.86	4.65	NP	--	94.21	--
C	2/15/2016	98.86	3.15	NP	--	95.71	--
C	3/7/2016	98.86	5.12	NP	--	93.74	--
C	3/29/2016	98.86	4.71	NP	--	94.15	--
C	4/5/2016	98.86	--	--	--	--	NG
C	4/19/2016	98.86	5.80	NP	--	93.06	--
C	5/10/2016	98.86	7.18	NP	--	91.68	--
C	5/24/2016	98.86	7.60	NP	--	91.26	--
C	6/7/2016	98.86	7.95	NP	--	90.91	--
C	6/21/2016	98.86	7.89	NP	--	90.97	--
C	7/19/2016	98.86	8.58	NP	--	90.28	--
C	8/23/2016	98.86	9.47	NP	--	89.39	--
C	9/20/2016	98.86	8.72	NP	--	90.14	--
C	11/8/2016	98.86	4.68	NP	--	94.18	--
C	12/6/2016	98.86	7.68	NP	--	91.18	--

TABLE 2
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
IW-1	11/7/2014	--	8.95	NP	--	--	--
IW-1	11/8/2014	--	--	--	--	--	NG
IW-1	11/8/2014	--	--	--	--	--	NG
IW-1	11/9/2014	--	8.85	NP	--	--	--
IW-1	11/12/2014	--	8.84	NP	--	--	--
IW-1	11/17/2014	--	8.90	NP	--	--	--
IW-1	11/18/2014	--	8.80	NP	--	--	--
IW-1	11/19/2014	--	8.83	NP	--	--	--
IW-1	12/1/2014	--	8.30	NP	--	--	--
IW-1	12/8/2014	--	8.10	NP	--	--	--
IW-1	12/15/2014	--	7.72	NP	--	--	--
IW-1	12/22/2014	--	7.42	NP	--	--	--
IW-1	12/29/2014	--	6.90	NP	--	--	--
IW-1	1/5/2015	--	2.26	NP	--	--	--
IW-1	1/12/2015	--	6.15	NP	--	--	--
IW-1	1/13/2015	--	6.15	NP	--	--	--
IW-1	1/19/2015	--	5.79	NP	--	--	--
IW-1	1/26/2015	--	5.83	NP	--	--	--
IW-1	2/2/2015	--	6.28	NP	--	--	--
IW-1	2/9/2015	--	5.76	NP	--	--	--
IW-1	2/16/2015	--	5.95	NP	--	--	--
IW-1	2/23/2015	--	6.36	NP	--	--	--
IW-1	3/2/2015	--	6.41	NP	--	--	--
IW-1	3/9/2015	--	6.78	NP	--	--	--
IW-1	3/16/2015	--	6.58	NP	--	--	--
IW-1	3/23/2015	--	6.60	NP	--	--	--
IW-1	3/30/2015	--	6.56	NP	--	--	--
IW-1	4/6/2015	--	6.93	NP	--	--	--
IW-1	4/22/2015	--	7.58	NP	--	--	--
IW-1	5/4/2015	--	7.76	NP	--	--	--
IW-1	5/18/2015	--	8.01	NP	--	--	--
IW-1	6/1/2015	--	8.35	NP	--	--	--
IW-1	6/15/2015	--	8.68	NP	--	--	--
IW-1	6/19/2015	--	8.77	NP	--	--	--
IW-1	6/29/2015	--	6.00	NP	--	--	--
IW-1	7/13/2015	--	9.25	NP	--	--	--
IW-1	7/28/2015	--	9.55	NP	--	--	--
IW-1	8/10/2015	--	9.90	NP	--	--	--
IW-1	8/24/2015	--	10.20	NP	--	--	--
IW-1	9/8/2015	--	10.01	NP	--	--	--
IW-1	9/21/2015	--	10.08	NP	--	--	--

TABLE 2
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Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
IW-1	10/5/2015	--	10.33	NP	--	--	--
IW-1	10/12/2015	--	10.32	NP	--	--	--
IW-1	10/19/2015	--	10.40	NP	--	--	--
IW-1	11/2/2015	--	10.10	NP	--	--	--
IW-1	11/16/2015	--	9.45	NP	--	--	--
IW-1	11/30/2015	--	9.08	NP	--	--	--
IW-1	1/18/2016	--	6.83	NP	--	--	--
IW-1	2/1/2016	--	6.24	NP	--	--	--
IW-1	2/15/2016	--	4.57	NP	--	--	--
IW-1	3/7/2016	--	6.03	NP	--	--	--
IW-1	3/29/2016	--	6.07	NP	--	--	--
IW-1	4/5/2016	--	--	--	--	--	NG
IW-1	4/19/2016	--	6.80	NP	--	--	--
IW-1	5/10/2016	--	7.40	NP	--	--	--
IW-1	5/24/2016	--	7.75	NP	--	--	--
IW-1	6/7/2016	--	8.05	NP	--	--	--
IW-1	6/21/2016	--	8.20	NP	--	--	--
IW-1	7/19/2016	--	8.60	NP	--	--	--
IW-1	8/23/2016	--	9.31	NP	--	--	--
IW-1	9/20/2016	--	9.50	NP	--	--	--
IW-1	11/8/2016	--	9.03	NP	--	--	--
IW-1	12/6/2016	--	8.27	NP	--	--	--

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Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-1	6/23/1992	98.52	5.92	NP	--	92.60	--
MW-1	7/2/1992	98.52	5.41	NP	--	93.11	--
MW-1	8/17/1992	98.52	6.16	NP	--	92.36	--
MW-1	9/30/1992	98.52	9.23	NP	--	89.29	--
MW-1	10/30/1992	98.52	5.93	NP	--	92.59	--
MW-1	11/30/1992	98.52	1.76	NP	--	96.76	--
MW-1	4/16/1993	98.52	3.97	NP	--	94.55	--
MW-1	10/3/2000	98.52	6.81	NP	--	91.71	--
MW-1	2/28/2001	98.52	4.41	NP	--	94.11	--
MW-1	5/30/2001	98.52	4.85	NP	--	93.67	--
MW-1	8/22/2001	98.52	2.78	NP	--	95.74	--
MW-1	11/21/2001	98.52	3.55	NP	--	94.97	--
MW-1	2/20/2002	98.52	5.21	NP	--	93.31	--
MW-1	5/16/2002	98.52	4.31	NP	--	94.21	--
MW-1	8/2/2002	98.52	6.36	NP	--	92.16	--
MW-1	12/19/2002	98.52	5.28	NP	--	93.24	--
MW-1	5/19/2003	98.52	5.51	NP	--	93.01	--
MW-1	11/13/2003	98.52	3.81	NP	--	94.71	--
MW-1	6/4/2004	98.52	5.15	NP	--	93.37	--
MW-1	10/7/2004	98.52	5.74	NP	--	92.78	--
MW-1	4/28/2005	98.52	4.12	NP	--	94.40	--
MW-1	11/16/2005	98.52	3.00	NP	--	95.52	--
MW-1	6/13/2006	98.52	5.35	NP	--	93.17	--
MW-1	2/26/2007	98.52	1.72	NP	--	96.80	--
MW-1	5/9/2007	98.52	5.08	NP	--	93.44	--
MW-1	7/16/2007	98.52	6.54	NP	--	91.98	--
MW-1	8/22/2007	98.52	7.01	NP	--	91.51	--
MW-1	9/25/2007	98.52	7.27	NP	--	91.25	--
MW-1	10/25/2007	98.52	2.55	NP	--	95.97	--
MW-1	11/9/2007	98.52	5.70	NP	--	92.82	--
MW-1	12/3/2007	98.52	1.84	NP	--	96.68	--
MW-1	1/17/2008	98.52	2.31	NP	--	96.21	--
MW-1	4/7/2008	98.52	2.76	NP	--	95.76	--
MW-1	7/22/2008	98.52	6.12	NP	--	92.40	--
MW-1	10/21/2008	98.52	6.79	NP	--	91.73	--
MW-1	1/20/2009	98.52	2.91	NP	--	95.61	--
MW-1	7/6/2009	98.52	6.61	NP	--	91.91	--
MW-1	3/17/2010	98.52	2.71	NP	--	95.81	--
MW-1	9/15/2010	98.52	6.10	NP	--	92.42	--
MW-1	3/4/2011	98.52	2.08	NP	--	96.44	--
MW-1	8/24/2011	98.52	5.61	NP	--	92.91	--

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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-1	5/10/2012	98.52	3.20	NP	--	95.32	--
MW-1	11/15/2012	98.52	2.79	NP	--	95.73	--
MW-1	3/27/2013	98.52	3.45	NP	--	95.07	--
MW-1	12/17/2013	98.52	4.77	NP	--	93.75	--
MW-1	6/24/2014	98.52	5.30	NP	--	93.22	--
MW-1	11/7/2014	98.52	1.85	NP	--	96.67	--
MW-1	11/8/2014	98.52	2.22	NP	--	96.30	--
MW-1	11/8/2014	98.52	2.66	NP	--	95.86	--
MW-1	11/9/2014	98.52	1.90	NP	--	96.62	--
MW-1	11/10/2014	98.52	2.36	NP	--	96.16	--
MW-1	11/12/2014	98.52	3.26	NP	--	95.26	--
MW-1	11/18/2014	98.52	4.18	NP	--	94.34	--
MW-1	11/19/2014	98.52	4.23	NP	--	94.29	--
MW-1	12/1/2014	95.93	2.90	NP	--	93.03	--
MW-1	12/8/2014	95.93	2.58	NP	--	93.35	--
MW-1	12/15/2014	95.93	2.91	NP	--	93.02	--
MW-1	12/22/2014	95.93	1.85	NP	--	94.08	--
MW-1	12/29/2014	95.93	1.74	NP	--	94.19	--
MW-1	1/5/2015	95.93	1.38	NP	--	94.55	--
MW-1	1/12/2015	95.93	2.26	NP	--	93.67	--
MW-1	1/19/2015	95.93	1.55	NP	--	94.38	--
MW-1	1/26/2015	95.93	1.76	NP	--	94.17	--
MW-1	2/2/2015	95.93	2.70	NP	--	93.23	--
MW-1	2/9/2015	95.93	1.60	NP	--	94.33	--
MW-1	2/16/2015	95.93	2.22	NP	--	93.71	--
MW-1	2/23/2015	95.93	3.01	NP	--	92.92	--
MW-1	3/2/2015	95.93	2.65	NP	--	93.28	--
MW-1	3/9/2015	95.93	3.63	NP	--	92.30	--
MW-1	3/16/2015	95.93	1.67	NP	--	94.26	--
MW-1	3/23/2015	95.93	2.00	NP	--	93.93	--
MW-1	3/30/2015	95.93	2.63	NP	--	93.30	--
MW-1	4/6/2015	95.93	3.59	NP	--	92.34	--
MW-1	4/22/2015	95.93	4.62	NP	--	91.31	--
MW-1	5/4/2015	95.93	4.76	NP	--	91.17	--
MW-1	5/18/2015	95.93	5.23	NP	--	90.70	--
MW-1	6/1/2015	95.93	5.80	NP	--	90.13	--
MW-1	6/15/2015	95.93	6.18	NP	--	89.75	--
MW-1	6/19/2015	95.93	6.25	NP	--	89.68	--
MW-1	6/29/2015	95.93	6.53	NP	--	89.40	--
MW-1	7/13/2015	95.93	6.85	NP	--	89.08	--
MW-1	7/28/2015	95.93	7.12	NP	--	88.81	--

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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-1	8/10/2015	95.93	7.36	NP	--	88.57	--
MW-1	8/24/2015	95.93	7.58	NP	--	88.35	--
MW-1	9/8/2015	95.93	6.38	NP	--	89.55	--
MW-1	9/21/2015	95.93	6.12	NP	--	89.81	--
MW-1	10/5/2015	95.93	6.97	NP	--	88.96	--
MW-1	10/12/2015	95.93	6.74	NP	--	89.19	--
MW-1	10/19/2015	95.93	6.96	NP	--	88.97	--
MW-1	11/2/2015	95.93	2.02	NP	--	93.91	--
MW-1	11/16/2015	95.93	1.80	NP	--	94.13	--
MW-1	11/30/2015	95.93	3.71	NP	--	92.22	--
MW-1	1/18/2016	95.93	2.16	NP	--	93.77	--
MW-1	2/1/2016	95.93	1.70	NP	--	94.23	--
MW-1	2/15/2016	95.93	1.38	NP	--	94.55	--
MW-1	3/7/2016	95.93	2.75	NP	--	93.18	--
MW-1	3/29/2016	95.93	1.92	NP	--	94.01	--
MW-1	4/5/2016	95.93	--	--	--	--	NG
MW-1	4/19/2016	95.93	3.60	NP	--	92.33	--
MW-1	5/10/2016	95.93	4.72	NP	--	91.21	--
MW-1	5/24/2016	95.93	4.98	NP	--	90.95	--
MW-1	6/7/2016	95.93	5.35	NP	--	90.58	--
MW-1	6/21/2016	95.93	4.65	NP	--	91.28	--
MW-1	7/19/2016	95.93	6.00	NP	--	89.93	--
MW-1	8/23/2016	95.93	6.89	NP	--	89.04	--
MW-1	9/20/2016	95.93	5.90	NP	--	90.03	--
MW-1	11/8/2016	95.93	4.23	NP	--	91.70	--
MW-1	12/6/2016	95.93	1.97	NP	--	93.96	--

TABLE 2
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-2	6/23/1992	99.09	5.97	NP	--	93.12	--
MW-2	7/2/1992	99.09	5.78	NP	--	93.31	--
MW-2	8/17/1992	99.09	6.24	NP	--	92.85	--
MW-2	9/30/1992	99.09	9.52	NP	--	89.57	--
MW-2	10/30/1992	99.09	6.22	NP	--	92.87	--
MW-2	11/30/1992	99.09	3.62	NP	--	95.47	--
MW-2	4/16/1993	99.09	4.65	NP	--	94.44	--
MW-2	10/3/2000	99.09	7.56	NP	--	91.53	--
MW-2	2/28/2001	99.09	5.48	NP	--	93.61	--
MW-2	5/30/2001	99.09	5.94	NP	--	93.15	--
MW-2	8/22/2001	99.09	7.64	NP	--	91.45	--
MW-2	11/21/2001	99.09	5.47	NP	--	93.62	--
MW-2	2/20/2002	99.09	4.25	NP	--	94.84	--
MW-2	5/16/2002	99.09	5.22	NP	--	93.87	--
MW-2	8/2/2002	99.09	6.96	NP	--	92.13	--
MW-2	12/19/2002	99.09	7.08	NP	--	92.01	--
MW-2	5/19/2003	99.09	6.24	NP	--	92.85	--
MW-2	11/13/2003	99.09	6.65	NP	--	92.44	--
MW-2	6/4/2004	99.09	5.96	NP	--	93.13	--
MW-2	10/7/2004	99.09	6.51	NP	--	92.58	--
MW-2	4/28/2005	99.09	4.89	NP	--	94.20	--
MW-2	11/16/2005	99.09	5.46	NP	--	93.63	--
MW-2	6/13/2006	99.09	6.29	NP	--	92.80	--
MW-2	2/26/2007	99.09	3.51	NP	--	95.58	--
MW-2	5/9/2007	99.09	5.92	NP	--	93.17	--
MW-2	7/16/2007	99.09	7.40	NP	--	91.69	--
MW-2	8/22/2007	99.09	7.94	NP	--	91.15	--
MW-2	9/25/2007	99.09	8.22	NP	--	90.87	--
MW-2	10/25/2007	99.09	6.25	NP	--	92.84	--
MW-2	11/9/2007	99.09	6.81	NP	--	92.28	--
MW-2	12/3/2007	99.09	5.90	NP	--	93.19	--
MW-2	1/17/2008	99.09	4.21	NP	--	94.88	--
MW-2	4/7/2008	99.09	4.35	NP	--	94.74	--
MW-2	7/22/2008	99.09	6.88	NP	--	92.21	--
MW-2	10/21/2008	99.09	7.72	NP	--	91.37	--
MW-2	1/20/2009	99.09	4.04	NP	--	95.05	--
MW-2	7/6/2009	99.09	7.40	NP	--	91.69	--
MW-2	3/17/2010	99.09	5.23	NP	--	93.86	--
MW-2	9/15/2010	99.09	7.17	NP	--	91.92	--
MW-2	3/4/2011	99.09	3.78	NP	--	95.31	--
MW-2	8/24/2011	99.09	7.03	NP	--	92.06	--

TABLE 2
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-2	5/10/2012	99.09	4.22	NP	--	94.87	--
MW-2	11/15/2012	99.09	5.52	NP	--	93.57	--
MW-2	3/27/2013	99.09	4.53	NP	--	94.56	--
MW-2	12/17/2013	99.09	6.03	NP	--	93.06	--
MW-2	6/24/2014	99.09	6.22	NP	--	92.87	--
MW-2	11/7/2014	99.09	4.02	NP	--	95.07	--
MW-2	11/8/2014	99.09	4.40	NP	--	94.69	--
MW-2	11/8/2014	99.09	4.36	NP	--	94.73	--
MW-2	11/9/2014	99.09	4.27	NP	--	94.82	--
MW-2	11/10/2014	99.09	4.43	NP	--	94.66	--
MW-2	11/12/2014	99.09	4.73	NP	--	94.36	--
MW-2	11/18/2014	99.09	5.33	NP	--	93.76	--
MW-2	11/19/2014	99.09	5.37	NP	--	93.72	--
MW-2	12/1/2014	97.23	4.25	NP	--	92.98	--
MW-2	12/8/2014	97.23	4.40	NP	--	92.83	--
MW-2	12/15/2014	97.23	4.05	NP	--	93.18	--
MW-2	12/22/2014	97.23	3.78	NP	--	93.45	--
MW-2	12/29/2014	97.23	3.60	NP	--	93.63	--
MW-2	1/5/2015	97.23	2.41	NP	--	94.82	--
MW-2	1/12/2015	97.23	3.80	NP	--	93.43	--
MW-2	1/19/2015	97.23	2.93	NP	--	94.30	--
MW-2	1/26/2015	97.23	3.44	NP	--	93.79	--
MW-2	2/2/2015	97.23	4.18	NP	--	93.05	--
MW-2	2/9/2015	97.23	3.25	NP	--	93.98	--
MW-2	2/16/2015	97.23	3.72	NP	--	93.51	--
MW-2	2/23/2015	97.23	4.22	NP	--	93.01	--
MW-2	3/2/2015	97.23	4.08	NP	--	93.15	--
MW-2	3/9/2015	97.23	4.74	NP	--	92.49	--
MW-2	3/16/2015	97.23	3.24	NP	--	93.99	--
MW-2	3/23/2015	97.23	3.73	NP	--	93.50	--
MW-2	3/30/2015	97.23	4.03	NP	--	93.20	--
MW-2	4/6/2015	97.23	4.72	NP	--	92.51	--
MW-2	4/22/2015	97.23	5.60	NP	--	91.63	--
MW-2	5/4/2015	97.23	5.74	NP	--	91.49	--
MW-2	5/18/2015	97.23	6.15	NP	--	91.08	--
MW-2	6/1/2015	97.23	6.66	NP	--	90.57	--
MW-2	6/15/2015	97.23	7.02	NP	--	90.21	--
MW-2	6/19/2015	97.23	7.15	NP	--	90.08	--
MW-2	6/29/2015	97.23	7.38	NP	--	89.85	--
MW-2	7/13/2015	97.23	7.65	NP	--	89.58	--
MW-2	7/28/2015	97.23	7.96	NP	--	89.27	--

TABLE 2
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-2	8/10/2015	97.23	8.21	NP	--	89.02	--
MW-2	8/24/2015	97.23	8.42	NP	--	88.81	--
MW-2	9/8/2015	97.23	7.52	NP	--	89.71	--
MW-2	9/21/2015	97.23	7.65	NP	--	89.58	--
MW-2	10/5/2015	97.23	7.97	NP	--	89.26	--
MW-2	10/12/2015	97.23	7.90	NP	--	89.33	--
MW-2	10/19/2015	97.23	8.01	NP	--	89.22	--
MW-2	11/2/2015	97.23	5.78	NP	--	91.45	--
MW-2	11/16/2015	97.23	3.78	NP	--	93.45	--
MW-2	11/30/2015	97.23	5.15	NP	--	92.08	--
MW-2	1/18/2016	97.23	4.15	NP	--	93.08	--
MW-2	2/1/2016	97.23	3.45	NP	--	93.78	--
MW-2	2/15/2016	97.23	2.46	NP	--	94.77	--
MW-2	3/7/2016	97.23	4.08	NP	--	93.15	--
MW-2	3/29/2016	97.23	3.64	NP	--	93.59	--
MW-2	4/5/2016	97.23	--	--	--	--	NG
MW-2	4/19/2016	97.23	4.75	NP	--	92.48	--
MW-2	5/10/2016	97.23	5.62	NP	--	91.61	--
MW-2	5/24/2016	97.23	6.02	NP	--	91.21	--
MW-2	6/7/2016	97.23	6.33	NP	--	90.90	--
MW-2	6/21/2016	97.23	5.85	NP	--	91.38	--
MW-2	7/19/2016	97.23	6.92	NP	--	90.31	--
MW-2	8/23/2016	97.23	7.76	NP	--	89.47	--
MW-2	9/20/2016	97.23	7.05	NP	--	90.18	--
MW-2	11/8/2016	97.23	2.03	NP	--	95.20	--
MW-2	12/6/2016	97.23	3.86	NP	--	93.37	--

TABLE 2
Groundwater Gauging Data
Allen Pump Station
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-9	2/26/2007	--	7.53	NP	--	--	--
MW-9	5/9/2007	--	8.22	NP	--	--	--
MW-9	7/16/2007	--	9.11	NP	--	--	--
MW-9	8/22/2007	--	--	--	--	--	Dry
MW-9	9/25/2007	--	--	--	--	--	Dry
MW-9	10/25/2007	--	--	--	--	--	Dry
MW-9	11/9/2007	--	--	--	--	--	Dry
MW-9	12/3/2007	--	--	--	--	--	Dry
MW-9	1/17/2008	--	9.08	NP	--	--	--
MW-9	4/7/2008	--	--	--	--	--	Dry
MW-9	7/22/2008	--	--	--	--	--	Dry
MW-9	10/21/2008	--	--	--	--	--	Dry
MW-9	7/6/2009	--	--	--	--	--	Dry
MW-9	3/17/2010	--	--	--	--	--	Dry
MW-9	9/15/2010	--	--	--	--	--	Dry
MW-9	3/4/2011	--	--	--	--	--	Dry
MW-9	8/24/2011	--	--	--	--	--	Dry
MW-9	5/10/2012	--	--	--	--	--	Dry
MW-9	11/15/2012	--	--	--	--	--	Dry
MW-9	3/27/2013	--	7.35	NP	--	--	--
MW-9	12/17/2013	--	--	--	--	--	Dry
MW-9	6/24/2014	--	8.60	NP	--	--	--
MW-9	11/7/2014	--	--	--	--	--	Dry
MW-9	11/8/2014	--	--	--	--	--	Dry
MW-9	11/8/2014	--	--	--	--	--	Dry
MW-9	11/9/2014	--	--	--	--	--	Dry
MW-9	11/10/2014	--	--	--	--	--	Dry
MW-9	11/12/2014	--	9.21	NP	--	--	--
MW-9	11/17/2014	--	--	--	--	--	Dry
MW-9	11/18/2014	--	--	--	--	--	Dry
MW-9	11/19/2014	--	9.06	NP	--	--	--
MW-9	12/1/2014	99.67	8.75	NP	--	90.92	--
MW-9	12/8/2014	99.67	8.55	NP	--	91.12	--
MW-9	12/15/2014	99.67	8.20	NP	--	91.47	--
MW-9	12/22/2014	99.67	7.98	NP	--	91.69	--
MW-9	12/29/2014	99.67	7.58	NP	--	92.09	--
MW-9	1/5/2015	99.67	7.01	NP	--	92.66	--
MW-9	1/12/2015	99.67	6.78	NP	--	92.89	--
MW-9	1/19/2015	99.67	6.85	NP	--	92.82	--
MW-9	1/26/2015	99.67	6.54	NP	--	93.13	--
MW-9	2/2/2015	99.67	6.93	NP	--	92.74	--

TABLE 2
Groundwater Gauging Data
Allen Pump Station
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-9	2/9/2015	99.67	6.67	NP	--	93.00	--
MW-9	2/16/2015	99.67	3.80	NP	--	95.87	--
MW-9	2/23/2015	99.67	7.00	NP	--	92.67	--
MW-9	3/2/2015	99.67	7.14	NP	--	92.53	--
MW-9	3/9/2015	99.67	7.43	NP	--	92.24	--
MW-9	3/16/2015	99.67	7.56	NP	--	92.11	--
MW-9	3/23/2015	99.67	7.29	NP	--	92.38	--
MW-9	3/30/2015	99.67	7.30	NP	--	92.37	--
MW-9	4/6/2015	99.67	7.61	NP	--	92.06	--
MW-9	4/22/2015	99.67	8.15	NP	--	91.52	--
MW-9	5/4/2015	99.67	8.40	NP	--	91.27	--
MW-9	5/18/2015	99.67	8.67	NP	--	91.00	--
MW-9	6/1/2015	99.67	8.99	NP	--	90.68	--
MW-9	6/15/2015	99.67	9.25	NP	--	90.42	--
MW-9	6/19/2015	99.67	9.34	NP	--	90.33	--
MW-9	6/29/2015	99.67	--	--	--	--	Dry
MW-9	7/13/2015	99.67	--	--	--	--	Dry
MW-9	7/28/2015	99.67	--	--	--	--	Dry
MW-9	8/10/2015	99.67	--	--	--	--	Dry
MW-9	8/24/2015	99.67	--	--	--	--	Dry
MW-9	9/8/2015	99.67	--	--	--	--	Dry
MW-9	9/21/2015	99.67	--	--	--	--	Dry
MW-9	10/5/2015	99.67	--	--	--	--	Dry
MW-9	10/12/2015	99.67	--	--	--	--	Dry
MW-9	10/19/2015	99.67	--	--	--	--	Dry
MW-9	11/2/2015	99.67	--	--	--	--	Dry
MW-9	11/16/2015	99.67	--	--	--	--	Dry
MW-9	11/30/2015	99.67	9.32	NP	--	90.35	--
MW-9	1/18/2016	99.67	7.45	NP	--	92.22	--
MW-9	2/1/2016	99.67	6.90	NP	--	92.77	--
MW-9	2/15/2016	99.67	6.57	NP	--	93.10	--
MW-9	3/7/2016	99.67	6.68	NP	--	92.99	--
MW-9	3/29/2016	99.67	6.82	NP	--	92.85	--
MW-9	4/5/2016	99.67	--	--	--	--	NG
MW-9	4/19/2016	99.67	7.40	NP	--	92.27	--
MW-9	5/10/2016	99.67	8.02	NP	--	91.65	--
MW-9	5/24/2016	99.67	8.40	NP	--	91.27	--
MW-9	6/7/2016	99.67	8.69	NP	--	90.98	--
MW-9	6/21/2016	99.67	8.90	NP	--	90.77	--
MW-9	7/19/2016	99.67	--	--	--	--	Dry
MW-9	8/23/2016	99.67	--	--	--	--	Dry

TABLE 2
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-9	9/20/2016	99.67	--	--	--	--	Dry
MW-9	11/8/2016	99.67	--	--	--	--	Dry
MW-9	12/6/2016	99.67	--	--	--	--	Dry

TABLE 2
Groundwater Gauging Data
Allen Pump Station
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-12	6/23/1992	101.10	7.95	NP	--	93.15	--
MW-12	7/2/1992	101.10	7.77	NP	--	93.33	--
MW-12	8/17/1992	101.10	8.20	NP	--	92.90	--
MW-12	9/30/1992	101.10	8.61	NP	--	92.49	--
MW-12	10/30/1992	101.10	8.18	NP	--	92.92	--
MW-12	11/30/1992	101.10	3.22	NP	--	97.88	--
MW-12	4/16/1993	101.10	4.64	NP	--	96.46	--
MW-12	10/3/2000	101.10	--	--	--	--	Dry
MW-12	2/28/2001	101.10	6.28	NP	--	94.82	--
MW-12	5/30/2001	101.10	7.51	NP	--	93.59	--
MW-12	8/22/2001	101.10	--	--	--	--	Dry
MW-12	11/21/2001	101.10	6.10	NP	--	95.00	--
MW-12	2/20/2002	101.10	5.53	NP	--	95.57	--
MW-12	5/16/2002	101.10	6.65	NP	--	94.45	--
MW-12	8/2/2002	101.10	8.55	NP	--	92.55	--
MW-12	12/19/2002	101.10	8.21	NP	--	92.89	--
MW-12	5/19/2003	101.10	7.66	NP	--	93.44	--
MW-12	11/13/2003	101.10	6.31	NP	--	94.79	--
MW-12	6/4/2004	101.10	6.87	NP	--	94.23	--
MW-12	10/7/2004	101.10	7.66	NP	--	93.44	--
MW-12	4/28/2005	101.10	5.88	NP	--	95.22	--
MW-12	11/16/2005	101.10	5.62	NP	--	95.48	--
MW-12	6/13/2006	101.10	7.17	NP	--	93.93	--
MW-12	2/26/2007	101.10	3.76	NP	--	97.34	--
MW-12	5/9/2007	101.10	7.21	NP	--	93.89	--
MW-12	7/16/2007	101.10	8.68	NP	--	92.42	--
MW-12	8/22/2007	101.10	9.19	NP	--	91.91	--
MW-12	9/25/2007	101.10	9.50	NP	--	91.60	--
MW-12	10/25/2007	101.10	6.79	NP	--	94.31	--
MW-12	11/9/2007	101.10	7.79	NP	--	93.31	--
MW-12	12/3/2007	101.10	6.80	NP	--	94.30	--
MW-12	1/17/2008	101.10	4.52	NP	--	96.58	--
MW-12	4/7/2008	101.10	4.95	NP	--	96.15	--
MW-12	7/22/2008	101.10	8.16	NP	--	92.94	--
MW-12	10/21/2008	101.10	8.99	NP	--	92.11	--
MW-12	1/20/2009	101.10	4.80	NP	--	96.30	--
MW-12	7/6/2009	101.10	8.76	NP	--	92.34	--
MW-12	3/17/2010	101.10	6.33	NP	--	94.77	--
MW-12	9/15/2010	101.10	8.36	NP	--	92.74	--
MW-12	3/4/2011	101.10	4.48	NP	--	96.62	--
MW-12	8/24/2011	101.10	8.42	NP	--	92.68	--

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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-12	5/10/2012	101.10	5.05	NP	--	96.05	--
MW-12	11/15/2012	101.10	6.37	NP	--	94.73	--
MW-12	3/27/2013	101.10	5.40	NP	--	95.70	--
MW-12	12/17/2013	101.10	6.87	NP	--	94.23	--
MW-12	6/24/2014	101.10	7.45	NP	--	93.65	--
MW-12	11/7/2014	101.10	4.30	NP	--	96.80	--
MW-12	11/8/2014	101.10	4.76	NP	--	96.34	--
MW-12	11/8/2014	101.10	4.76	NP	--	96.34	--
MW-12	11/9/2014	101.10	4.45	NP	--	96.65	--
MW-12	11/10/2014	101.10	4.79	NP	--	96.31	--
MW-12	11/12/2014	101.10	5.25	NP	--	95.85	--
MW-12	11/18/2014	101.10	6.16	NP	--	94.94	--
MW-12	11/19/2014	101.10	6.21	NP	--	94.89	--
MW-12	12/1/2014	98.46	4.65	NP	--	93.81	--
MW-12	12/8/2014	98.46	4.80	NP	--	93.66	--
MW-12	12/15/2014	98.46	4.44	NP	--	94.02	--
MW-12	12/22/2014	98.46	4.38	NP	--	94.08	--
MW-12	12/29/2014	98.46	4.13	NP	--	94.33	--
MW-12	1/5/2015	98.46	2.93	NP	--	95.53	--
MW-12	1/12/2015	98.46	4.44	NP	--	94.02	--
MW-12	1/19/2015	98.46	3.74	NP	--	94.72	--
MW-12	1/26/2015	98.46	3.91	NP	--	94.55	--
MW-12	2/2/2015	98.46	4.92	NP	--	93.54	--
MW-12	2/9/2015	98.46	3.79	NP	--	94.67	--
MW-12	2/16/2015	98.46	4.35	NP	--	94.11	--
MW-12	2/23/2015	98.46	4.97	NP	--	93.49	--
MW-12	3/2/2015	98.46	4.70	NP	--	93.76	--
MW-12	3/9/2015	98.46	5.63	NP	--	92.83	--
MW-12	3/16/2015	98.46	4.28	NP	--	94.18	--
MW-12	3/23/2015	98.46	4.22	NP	--	94.24	--
MW-12	3/30/2015	98.46	4.56	NP	--	93.90	--
MW-12	4/6/2015	98.46	5.63	NP	--	92.83	--
MW-12	4/22/2015	98.46	6.77	NP	--	91.69	--
MW-12	5/4/2015	98.46	6.90	NP	--	91.56	--
MW-12	5/18/2015	98.46	7.38	NP	--	91.08	--
MW-12	6/1/2015	98.46	7.96	NP	--	90.50	--
MW-12	6/15/2015	98.46	8.36	NP	--	90.10	--
MW-12	6/19/2015	98.46	8.50	NP	--	89.96	--
MW-12	6/29/2015	98.46	8.73	NP	--	89.73	--
MW-12	7/13/2015	98.46	9.03	NP	--	89.43	--
MW-12	7/28/2015	98.46	9.33	NP	--	89.13	--

TABLE 2
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-12	8/10/2015	98.46	9.59	NP	--	88.87	--
MW-12	8/24/2015	98.46	--	--	--	--	Dry
MW-12	9/8/2015	98.46	8.85	NP	--	89.61	--
MW-12	9/21/2015	98.46	9.12	NP	--	89.34	--
MW-12	10/5/2015	98.46	9.25	NP	--	89.21	--
MW-12	10/12/2015	98.46	9.24	NP	--	89.22	--
MW-12	10/19/2015	98.46	9.21	NP	--	89.25	--
MW-12	11/2/2015	98.46	7.50	NP	--	90.96	--
MW-12	11/16/2015	98.46	4.12	NP	--	94.34	--
MW-12	11/30/2015	98.46	5.63	NP	--	92.83	--
MW-12	1/18/2016	98.46	4.82	NP	--	93.64	--
MW-12	2/1/2016	98.46	4.06	NP	--	94.40	--
MW-12	2/15/2016	98.46	3.00	NP	--	95.46	--
MW-12	3/7/2016	98.46	5.02	NP	--	93.44	--
MW-12	3/29/2016	98.46	4.27	NP	--	94.19	--
MW-12	4/5/2016	98.46	--	--	--	--	NG
MW-12	4/19/2016	98.46	5.69	NP	--	92.77	--
MW-12	5/10/2016	98.46	6.86	NP	--	91.60	--
MW-12	5/24/2016	98.46	7.23	NP	--	91.23	--
MW-12	6/7/2016	98.46	7.53	NP	--	90.93	--
MW-12	6/21/2016	98.46	6.99	NP	--	91.47	--
MW-12	7/19/2016	98.46	8.19	NP	--	90.27	--
MW-12	8/23/2016	98.46	9.08	NP	--	89.38	--
MW-12	9/20/2016	98.46	8.28	NP	--	90.18	--
MW-12	11/8/2016	98.46	4.54	NP	--	93.92	--
MW-12	12/6/2016	98.46	4.43	NP	--	94.03	--

TABLE 2
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-14	6/23/1992	99.36	6.25	NP	--	93.11	--
MW-14	7/2/1992	99.36	5.95	NP	--	93.41	--
MW-14	8/17/1992	99.36	6.46	NP	--	92.90	--
MW-14	9/30/1992	99.36	6.80	6.70	0.10	92.63	--
MW-14	10/30/1992	99.36	6.47	NP	--	92.89	--
MW-14	11/30/1992	99.36	3.75	3.74	0.01	95.62	--
MW-14	4/16/1993	99.36	4.73	4.71	0.02	94.64	--
MW-14	10/3/2000	99.36	7.54	7.51	0.03	91.84	--
MW-14	2/28/2001	99.36	5.22	4.96	0.26	94.34	--
MW-14	5/30/2001	99.36	6.09	NP	--	93.27	--
MW-14	8/22/2001	99.36	7.72	7.62	0.10	91.72	--
MW-14	11/21/2001	99.36	4.71	NP	--	94.65	--
MW-14	2/20/2002	99.36	4.35	4.18	0.17	95.14	--
MW-14	5/16/2002	99.36	5.14	NP	--	94.22	--
MW-14	8/2/2002	99.36	6.98	NP	--	92.38	--
MW-14	12/19/2002	99.36	6.66	6.64	0.02	92.72	--
MW-14	5/19/2003	99.36	6.03	6.02	0.01	93.34	--
MW-14	11/13/2003	99.36	6.27	6.26	0.01	93.10	--
MW-14	6/4/2004	99.36	5.57	NP	--	93.79	--
MW-14	10/7/2004	99.36	6.27	NP	--	93.09	--
MW-14	4/28/2005	99.36	4.53	NP	--	94.83	--
MW-14	11/16/2005	99.36	4.32	NP	--	95.04	--
MW-14	6/13/2006	99.36	5.94	NP	--	93.42	--
MW-14	2/26/2007	99.36	2.50	NP	--	96.86	--
MW-14	5/9/2007	99.36	6.68	NP	--	92.68	--
MW-14	7/16/2007	99.36	7.06	NP	--	92.30	--
MW-14	8/22/2007	99.36	7.58	NP	--	91.78	--
MW-14	9/25/2007	99.36	7.90	NP	--	91.46	--
MW-14	10/25/2007	99.36	5.25	NP	--	94.11	--
MW-14	11/9/2007	99.36	6.24	NP	--	93.12	--
MW-14	12/3/2007	99.36	5.17	NP	--	94.19	--
MW-14	1/17/2008	99.36	3.10	NP	--	96.26	--
MW-14	4/7/2008	99.36	3.41	NP	--	95.95	--
MW-14	7/22/2008	99.36	6.64	NP	--	92.72	--
MW-14	10/21/2008	99.36	7.42	NP	--	91.94	--
MW-14	1/20/2009	99.36	3.29	NP	--	96.07	--
MW-14	7/6/2009	99.36	7.21	NP	--	92.15	--
MW-14	3/17/2010	99.36	4.61	NP	--	94.75	--
MW-14	9/15/2010	99.36	6.76	NP	--	92.60	--
MW-14	3/4/2011	99.36	2.81	NP	--	96.55	--
MW-14	8/24/2011	99.36	6.74	NP	--	92.62	--

TABLE 2
Groundwater Gauging Data
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-14	5/10/2012	99.36	--	--	--	--	WD
MW-14	11/15/2012	99.36	--	--	--	--	Dry
MW-14	3/27/2013	99.36	--	--	--	--	Dry
MW-14	12/17/2013	99.36	4.00	NP	--	95.36	--
MW-14	6/24/2014	99.36	4.53	NP	--	94.83	--
MW-14	11/7/2014	99.36	1.34	NP	--	98.02	--
MW-14	11/8/2014	99.36	2.01	NP	--	97.35	--
MW-14	11/8/2014	99.36	2.01	NP	--	97.35	--
MW-14	11/9/2014	99.36	1.64	NP	--	97.72	--
MW-14	11/10/2014	99.36	1.98	NP	--	97.38	--
MW-14	11/18/2014	99.36	3.27	NP	--	96.09	--
MW-14	11/19/2014	99.36	3.32	NP	--	96.04	--
MW-14	12/1/2014	99.36	1.80	NP	--	97.56	--
MW-14	12/8/2014	99.36	1.90	NP	--	97.46	--
MW-14	12/15/2014	99.36	1.59	NP	--	97.77	--
MW-14	12/22/2014	99.36	1.68	NP	--	97.68	--
MW-14	12/29/2014	99.36	1.35	NP	--	98.01	--
MW-14	1/5/2015	99.36	0.65	NP	--	98.71	--
MW-14	1/12/2015	99.36	1.28	NP	--	98.08	--
MW-14	1/19/2015	99.36	1.32	NP	--	98.04	--
MW-14	1/26/2015	99.36	1.29	NP	--	98.07	--
MW-14	2/2/2015	99.36	2.03	NP	--	97.33	--
MW-14	2/9/2015	99.36	1.29	NP	--	98.07	--
MW-14	2/16/2015	99.36	1.42	NP	--	97.94	--
MW-14	2/23/2015	99.36	2.09	NP	--	97.27	--
MW-14	3/2/2015	99.36	1.82	NP	--	97.54	--
MW-14	3/9/2015	99.36	2.73	NP	--	96.63	--
MW-14	3/16/2015	99.36	1.31	NP	--	98.05	--
MW-14	3/23/2015	99.36	1.36	NP	--	98.00	--
MW-14	3/30/2015	99.36	1.69	NP	--	97.67	--
MW-14	4/6/2015	99.36	2.71	NP	--	96.65	--
MW-14	4/22/2015	99.36	3.81	NP	--	95.55	--
MW-14	5/4/2015	99.36	3.98	NP	--	95.38	--
MW-14	5/18/2015	99.36	4.43	NP	--	94.93	--
MW-14	6/1/2015	99.36	4.99	NP	--	94.37	--
MW-14	6/15/2015	99.36	5.35	NP	--	94.01	--
MW-14	6/19/2015	99.36	5.46	NP	--	93.90	--
MW-14	6/29/2015	99.36	5.72	NP	--	93.64	--
MW-14	7/13/2015	99.36	6.06	NP	--	93.30	--
MW-14	7/28/2015	99.36	6.34	NP	--	93.02	--
MW-14	8/10/2015	99.36	--	--	--	--	Dry

TABLE 2
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-14	8/24/2015	99.36	--	--	--	--	Dry
MW-14	9/8/2015	99.36	5.87	NP	--	93.49	--
MW-14	9/21/2015	99.36	5.47	NP	--	93.89	--
MW-14	10/5/2015	99.36	6.25	NP	--	93.11	--
MW-14	10/12/2015	99.36	6.17	NP	--	93.19	--
MW-14	10/19/2015	99.36	6.26	NP	--	93.10	--
MW-14	11/2/2015	99.36	4.48	NP	--	94.88	--
MW-14	11/16/2015	99.36	1.32	NP	--	98.04	--
MW-14	11/30/2015	99.36	2.84	NP	--	96.52	--
MW-14	1/18/2016	99.36	1.94	NP	--	97.42	--
MW-14	2/1/2016	99.36	1.31	NP	--	98.05	--
MW-14	2/15/2016	99.36	0.60	NP	--	98.76	--
MW-14	3/7/2016	99.36	2.13	NP	--	97.23	--
MW-14	3/29/2016	99.36	1.42	NP	--	97.94	--
MW-14	4/5/2016	99.36	--	--	--	--	NG
MW-14	4/19/2016	99.36	2.80	NP	--	96.56	--
MW-14	5/10/2016	99.36	3.92	NP	--	95.44	--
MW-14	5/24/2016	99.36	4.27	NP	--	95.09	--
MW-14	6/7/2016	99.36	4.56	NP	--	94.80	--
MW-14	6/21/2016	99.36	4.09	NP	--	95.27	--
MW-14	7/19/2016	99.36	5.20	NP	--	94.16	--
MW-14	8/23/2016	99.36	6.10	NP	--	93.26	--
MW-14	9/20/2016	99.36	5.25	NP	--	94.11	--
MW-14	11/8/2016	99.36	1.64	NP	--	97.72	--
MW-14	12/6/2016	99.36	1.52	NP	--	97.84	--

TABLE 2
Groundwater Gauging Data
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-17A	4/28/2005	101.53	5.52	NP	--	96.01	--
MW-17A	11/16/2005	101.53	7.63	NP	--	93.90	--
MW-17A	6/13/2006	101.53	7.05	NP	--	94.48	--
MW-17A	2/26/2007	101.53	4.98	NP	--	96.55	--
MW-17A	5/9/2007	101.53	6.63	NP	--	94.90	--
MW-17A	7/16/2007	101.53	7.98	NP	--	93.55	--
MW-17A	8/22/2007	101.53	8.55	NP	--	92.98	--
MW-17A	9/25/2007	101.53	8.93	NP	--	92.60	--
MW-17A	10/25/2007	101.53	7.88	NP	--	93.65	--
MW-17A	11/9/2007	101.53	7.95	NP	--	93.58	--
MW-17A	12/3/2007	101.53	7.53	NP	--	94.00	--
MW-17A	1/17/2008	101.53	5.95	NP	--	95.58	--
MW-17A	4/7/2008	101.53	5.42	NP	--	96.11	--
MW-17A	7/22/2008	101.53	7.66	NP	--	93.87	--
MW-17A	10/21/2008	101.53	8.75	NP	--	92.78	--
MW-17A	1/20/2009	101.53	5.14	NP	--	96.39	--
MW-17A	7/6/2009	101.53	8.11	NP	--	93.42	--
MW-17A	3/17/2010	101.53	6.58	NP	--	94.95	--
MW-17A	9/15/2010	101.53	8.20	NP	--	93.33	--
MW-17A	3/4/2011	101.53	4.99	NP	--	96.54	--
MW-17A	8/24/2011	101.53	8.11	NP	--	93.42	--
MW-17A	5/10/2012	101.53	5.25	NP	--	96.28	--
MW-17A	11/15/2012	101.53	7.82	NP	--	93.71	--
MW-17A	3/27/2013	101.53	5.59	NP	--	95.94	--
MW-17A	12/17/2013	101.53	7.42	NP	--	94.11	--
MW-17A	6/24/2014	101.53	7.07	NP	--	94.46	--
MW-17A	11/6/2014	101.53	6.68	NP	--	94.85	--
MW-17A	11/7/2014	101.53	6.60	NP	--	94.93	--
MW-17A	11/8/2014	101.53	7.65	NP	--	93.88	--
MW-17A	11/8/2014	101.53	7.59	NP	--	93.94	--
MW-17A	11/9/2014	101.53	6.57	NP	--	94.96	--
MW-17A	11/10/2014	101.53	6.50	NP	--	95.03	--
MW-17A	11/10/2014	101.53	6.47	NP	--	95.06	--
MW-17A	11/10/2014	101.53	6.45	NP	--	95.08	--
MW-17A	11/10/2014	101.53	6.50	NP	--	95.03	--
MW-17A	11/10/2014	101.53	6.50	NP	--	95.03	--
MW-17A	11/11/2014	101.53	6.51	NP	--	95.02	--
MW-17A	11/11/2014	101.53	6.51	NP	--	95.02	--
MW-17A	11/12/2014	101.53	6.51	NP	--	95.02	--
MW-17A	11/13/2014	101.53	6.56	NP	--	94.97	--
MW-17A	11/14/2014	101.53	6.68	NP	--	94.85	--

TABLE 2
Groundwater Gauging Data
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-17A	11/17/2014	101.53	6.80	NP	--	94.73	--
MW-17A	11/18/2014	101.53	6.85	NP	--	94.68	--
MW-17A	11/19/2014	101.53	6.85	NP	--	94.68	--
MW-17A	12/1/2014	98.54	6.16	NP	--	92.38	--
MW-17A	12/8/2014	98.54	6.25	NP	--	92.29	--
MW-17A	12/15/2014	98.54	5.75	NP	--	92.79	--
MW-17A	12/22/2014	98.54	5.75	NP	--	92.79	--
MW-17A	12/29/2014	98.54	5.40	NP	--	93.14	--
MW-17A	1/5/2015	98.54	5.42	NP	--	93.12	--
MW-17A	1/12/2015	98.54	5.16	NP	--	93.38	--
MW-17A	1/14/2015	98.54	5.16	NP	--	93.38	--
MW-17A	1/19/2015	98.54	5.32	NP	--	93.22	--
MW-17A	1/26/2015	98.54	4.89	NP	--	93.65	--
MW-17A	2/2/2015	98.54	5.40	NP	--	93.14	--
MW-17A	2/9/2015	98.54	4.92	NP	--	93.62	--
MW-17A	2/16/2015	98.54	4.97	NP	--	93.57	--
MW-17A	2/23/2015	98.54	5.48	NP	--	93.06	--
MW-17A	3/2/2015	98.54	5.47	NP	--	93.07	--
MW-17A	3/9/2015	98.54	5.87	NP	--	92.67	--
MW-17A	3/16/2015	98.54	5.90	NP	--	92.64	--
MW-17A	3/23/2015	98.54	5.43	NP	--	93.11	--
MW-17A	3/30/2015	98.54	5.40	NP	--	93.14	--
MW-17A	4/6/2015	98.54	5.84	NP	--	92.70	--
MW-17A	4/22/2015	98.54	6.54	NP	--	92.00	--
MW-17A	5/4/2015	98.54	6.77	NP	--	91.77	--
MW-17A	5/18/2015	98.54	7.10	NP	--	91.44	--
MW-17A	6/1/2015	98.54	7.58	NP	--	90.96	--
MW-17A	6/15/2015	98.54	7.86	NP	--	90.68	--
MW-17A	6/19/2015	98.54	7.93	NP	--	90.61	--
MW-17A	6/29/2015	98.54	8.30	NP	--	90.24	--
MW-17A	7/13/2015	98.54	8.44	NP	--	90.10	--
MW-17A	8/24/2015	98.54	--	--	--	--	NG
MW-17A	9/8/2015	98.54	--	--	--	--	NG
MW-17A	9/21/2015	98.54	--	--	--	--	Dry
MW-17A	10/5/2015	98.54	--	--	--	--	Dry
MW-17A	10/12/2015	98.54	--	--	--	--	Dry
MW-17A	10/19/2015	98.54	--	--	--	--	Dry
MW-17A	11/2/2015	98.54	--	--	--	--	Dry
MW-17A	11/16/2015	98.54	8.64	NP	--	89.90	--
MW-17A	11/30/2015	98.54	--	--	--	--	NG
MW-17A	1/18/2016	98.54	6.45	NP	--	92.09	--

TABLE 2
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-17A	2/1/2016	98.54	5.58	NP	--	92.96	--
MW-17A	2/15/2016	98.54	2.91	NP	--	95.63	--
MW-17A	3/7/2016	98.54	4.70	NP	--	93.84	--
MW-17A	3/29/2016	98.54	5.75	NP	--	92.79	--
MW-17A	4/5/2016	98.54	--	--	--	--	NG
MW-17A	4/19/2016	98.54	6.70	NP	--	91.84	--
MW-17A	5/10/2016	98.54	7.47	NP	--	91.07	--
MW-17A	5/24/2016	98.54	7.86	NP	--	90.68	--
MW-17A	6/7/2016	98.54	8.18	NP	--	90.36	--
MW-17A	6/21/2016	98.54	7.99	NP	--	90.55	--
MW-17A	7/19/2016	98.54	8.77	NP	--	89.77	--
MW-17A	8/23/2016	98.54	--	--	--	--	Dry
MW-17A	9/20/2016	98.54	--	--	--	--	Dry
MW-17A	11/8/2016	98.54	7.21	NP	--	91.33	--
MW-17A	12/6/2016	98.54	--	--	--	--	Dry

TABLE 2
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-18	12/17/2013	97.08	5.92	NP	--	91.16	--
MW-18	6/24/2014	97.08	5.50	NP	--	91.58	--
MW-18	11/6/2014	97.08	5.21	NP	--	91.87	--
MW-18	11/7/2014	97.08	5.25	NP	--	91.83	--
MW-18	11/8/2014	97.08	--	--	--	--	NG
MW-18	11/8/2014	97.08	--	--	--	--	NG
MW-18	11/9/2014	97.08	6.80	4.25	2.55	92.19	--
MW-18	11/10/2014	97.08	7.60	4.51	3.09	91.80	--
MW-18	11/10/2014	97.08	7.62	4.49	3.13	91.81	--
MW-18	11/10/2014	97.08	7.63	4.45	3.18	91.84	--
MW-18	11/10/2014	97.08	7.60	4.45	3.15	91.84	--
MW-18	11/10/2014	97.08	7.36	4.39	2.97	91.95	--
MW-18	11/11/2014	97.08	7.67	4.50	3.17	91.79	--
MW-18	11/11/2014	97.08	7.85	4.55	3.30	91.70	--
MW-18	11/12/2014	97.08	7.80	4.50	3.30	91.75	--
MW-18	11/13/2014	97.08	6.85	5.45	1.40	91.28	--
MW-18	11/14/2014	97.08	6.90	5.60	1.30	91.15	--
MW-18	11/17/2014	97.08	6.65	5.55	1.10	91.26	--
MW-18	11/18/2014	97.08	6.05	5.87	0.18	91.17	--
MW-18	11/19/2014	97.08	5.98	5.91	0.07	91.15	--
MW-18	12/1/2014	97.08	4.96	NP	--	92.12	--
MW-18	12/8/2014	97.08	4.92	4.91	0.01	92.17	--
MW-18	12/15/2014	97.08	4.52	NP	--	92.56	--
MW-18	12/22/2014	97.08	4.49	NP	--	92.59	--
MW-18	12/29/2014	97.08	4.12	NP	--	92.96	--
MW-18	1/5/2015	97.08	3.65	NP	--	93.43	--
MW-18	1/12/2015	97.08	3.73	NP	--	93.35	--
MW-18	1/13/2015	97.08	3.73	NP	--	93.35	--
MW-18	1/19/2015	97.08	3.73	NP	--	93.35	--
MW-18	1/26/2015	97.08	3.54	NP	--	93.54	--
MW-18	2/2/2015	97.08	3.99	NP	--	93.09	--
MW-18	2/9/2015	97.08	3.52	NP	--	93.56	--
MW-18	2/16/2015	97.08	3.59	NP	--	93.49	--
MW-18	2/23/2015	97.08	4.05	NP	--	93.03	--
MW-18	3/2/2015	97.08	4.10	NP	--	92.98	--
MW-18	3/9/2015	97.08	4.50	NP	--	92.58	--
MW-18	3/16/2015	97.08	4.36	NP	--	92.72	--
MW-18	3/23/2015	97.08	4.11	NP	--	92.97	--
MW-18	3/30/2015	97.08	4.10	NP	--	92.98	--
MW-18	4/6/2015	97.08	5.57	NP	--	91.51	--
MW-18	4/22/2015	97.08	5.21	NP	--	91.87	--

TABLE 2
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-18	5/4/2015	97.08	5.58	5.54	0.04	91.53	--
MW-18	5/18/2015	97.08	5.95	5.93	0.02	91.15	--
MW-18	6/1/2015	97.08	6.46	NP	--	90.62	--
MW-18	6/15/2015	97.08	6.79	6.76	0.03	90.31	--
MW-18	6/19/2015	97.08	6.82	6.81	0.01	90.27	--
MW-18	6/29/2015	97.08	7.11	7.10	0.01	89.98	--
MW-18	7/13/2015	97.08	7.47	7.42	0.05	89.65	--
MW-18	7/28/2015	97.08	7.76	7.75	0.01	89.33	--
MW-18	8/10/2015	97.08	7.98	7.97	0.01	89.11	--
MW-18	8/24/2015	97.08	8.20	8.18	0.02	88.90	--
MW-18	9/8/2015	97.08	7.61	NP	--	89.47	--
MW-18	9/21/2015	97.08	7.71	NP	--	89.37	--
MW-18	10/5/2015	97.08	--	--	--	--	NG
MW-18	10/12/2015	97.08	--	--	--	--	NG
MW-18	10/19/2015	97.08	8.05	NP	--	89.03	--
MW-18	11/2/2015	97.08	7.77	NP	--	89.31	--
MW-18	11/16/2015	97.08	6.85	NP	--	90.23	--
MW-18	11/30/2015	97.08	6.49	NP	--	90.59	--
MW-18	1/18/2016	97.08	3.97	NP	--	93.11	--
MW-18	2/1/2016	97.08	--	--	--	--	NG
MW-18	2/15/2016	97.08	--	--	--	--	WI
MW-18	3/7/2016	97.08	--	--	--	--	WI
MW-18	3/29/2016	97.08	3.33	NP	--	93.75	--
MW-18	4/5/2016	97.08	3.65	NP	--	93.43	--
MW-18	4/19/2016	97.08	4.31	NP	--	92.77	--
MW-18	5/10/2016	97.08	5.36	5.35	0.01	91.73	--
MW-18	5/24/2016	97.08	5.56	NP	--	91.52	--
MW-18	6/7/2016	97.08	5.90	NP	--	91.18	--
MW-18	6/21/2016	97.08	5.80	NP	--	91.28	--
MW-18	7/19/2016	97.08	6.59	NP	--	90.49	--
MW-18	8/23/2016	97.08	7.45	NP	--	89.63	--
MW-18	9/20/2016	97.08	7.12	NP	--	89.96	--
MW-18	11/8/2016	97.08	5.12	NP	--	91.96	--
MW-18	12/6/2016	97.08	4.18	NP	--	92.90	--

TABLE 2
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-19	12/17/2013	97.69	4.56	NP	--	93.13	--
MW-19	6/24/2014	97.69	6.25	NP	--	91.44	--
MW-19	11/6/2014	97.69	2.14	NP	--	95.55	--
MW-19	11/7/2014	97.69	2.20	NP	--	95.49	--
MW-19	11/8/2014	97.69	2.37	NP	--	95.32	--
MW-19	11/8/2014	97.69	2.41	NP	--	95.28	--
MW-19	11/9/2014	97.69	2.14	NP	--	95.55	--
MW-19	11/10/2014	97.69	2.91	NP	--	94.78	--
MW-19	11/10/2014	97.69	2.89	NP	--	94.80	--
MW-19	11/10/2014	97.69	2.84	NP	--	94.85	--
MW-19	11/10/2014	97.69	2.84	NP	--	94.85	--
MW-19	11/10/2014	97.69	2.83	NP	--	94.86	--
MW-19	11/11/2014	97.69	3.19	NP	--	94.50	--
MW-19	11/11/2014	97.69	2.91	NP	--	94.78	--
MW-19	11/12/2014	97.69	2.90	NP	--	94.79	--
MW-19	11/13/2014	97.69	3.00	NP	--	94.69	--
MW-19	11/14/2014	97.69	3.30	NP	--	94.39	--
MW-19	11/17/2014	97.69	3.70	NP	--	93.99	--
MW-19	11/18/2014	97.69	3.78	NP	--	93.91	--
MW-19	11/19/2014	97.69	3.83	NP	--	93.86	--
MW-19	12/1/2014	96.50	2.26	NP	--	94.24	--
MW-19	12/8/2014	96.50	2.50	NP	--	94.00	--
MW-19	12/15/2014	96.50	2.03	NP	--	94.47	--
MW-19	12/22/2014	96.50	2.18	NP	--	94.32	--
MW-19	12/29/2014	96.50	1.88	NP	--	94.62	--
MW-19	1/5/2015	96.50	1.00	NP	--	95.50	--
MW-19	1/12/2015	96.50	2.16	NP	--	94.34	--
MW-19	1/15/2015	96.50	2.16	NP	--	94.34	--
MW-19	1/19/2015	96.50	2.04	NP	--	94.46	--
MW-19	1/26/2015	96.50	1.78	NP	--	94.72	--
MW-19	2/2/2015	96.50	2.42	2.39	0.03	94.10	--
MW-19	2/9/2015	96.50	1.67	NP	--	94.83	--
MW-19	2/16/2015	96.50	2.01	NP	--	94.49	--
MW-19	2/23/2015	96.50	2.52	2.49	0.03	94.00	--
MW-19	3/2/2015	96.50	2.37	2.35	0.02	94.15	--
MW-19	3/9/2015	96.50	3.08	NP	--	93.42	--
MW-19	3/16/2015	96.50	2.32	NP	--	94.18	--
MW-19	3/23/2015	96.50	2.01	NP	--	94.49	--
MW-19	3/30/2015	96.50	2.23	NP	--	94.27	--
MW-19	4/6/2015	96.50	3.07	NP	--	93.43	--
MW-19	4/7/2015	96.50	3.25	NP	--	93.25	--

TABLE 2
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-19	4/22/2015	96.50	4.34	NP	--	92.16	--
MW-19	5/4/2015	96.50	4.51	NP	--	91.99	--
MW-19	5/18/2015	96.50	5.05	NP	--	91.45	--
MW-19	6/1/2015	96.50	5.74	NP	--	90.76	--
MW-19	6/15/2015	96.50	6.15	NP	--	90.35	--
MW-19	6/19/2015	96.50	6.28	NP	--	90.22	--
MW-19	6/29/2015	96.50	6.53	NP	--	89.97	--
MW-19	7/13/2015	96.50	6.83	NP	--	89.67	--
MW-19	7/28/2015	96.50	7.11	NP	--	89.39	--
MW-19	8/10/2015	96.50	7.34	NP	--	89.16	--
MW-19	8/24/2015	96.50	7.52	NP	--	88.98	--
MW-19	9/8/2015	96.50	7.29	NP	--	89.21	--
MW-19	9/21/2015	96.50	7.08	NP	--	89.42	--
MW-19	10/5/2015	96.50	7.12	NP	--	89.38	--
MW-19	10/12/2015	96.50	7.13	NP	--	89.37	--
MW-19	10/19/2015	96.50	7.16	NP	--	89.34	--
MW-19	11/2/2015	96.50	6.53	NP	--	89.97	--
MW-19	11/16/2015	96.50	2.50	NP	--	94.00	--
MW-19	11/30/2015	96.50	3.41	NP	--	93.09	--
MW-19	1/18/2016	96.50	2.55	NP	--	93.95	--
MW-19	2/1/2016	96.50	2.02	NP	--	94.48	--
MW-19	2/15/2016	96.50	1.06	NP	--	95.44	--
MW-19	3/7/2016	96.50	2.60	NP	--	93.90	--
MW-19	3/29/2016	96.50	2.10	NP	--	94.40	--
MW-19	4/5/2016	96.50	2.25	NP	--	94.25	--
MW-19	4/19/2016	96.50	3.32	3.30	0.02	93.20	--
MW-19	5/10/2016	96.50	4.51	NP	--	91.99	--
MW-19	5/24/2016	96.50	5.02	NP	--	91.48	--
MW-19	6/7/2016	96.50	5.34	NP	--	91.16	--
MW-19	6/21/2016	96.50	5.00	NP	--	91.50	--
MW-19	7/19/2016	96.50	6.05	NP	--	90.45	--
MW-19	8/23/2016	96.50	6.90	NP	--	89.60	--
MW-19	9/20/2016	96.50	6.17	NP	--	90.33	--
MW-19	11/8/2016	96.50	2.35	NP	--	94.15	--
MW-19	12/6/2016	96.50	2.08	NP	--	94.42	--

TABLE 2
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-20	12/17/2013	97.94	7.69	NP	--	90.25	--
MW-20	6/24/2014	97.94	5.40	NP	--	92.54	--
MW-20	11/6/2014	97.94	4.38	NP	--	93.56	--
MW-20	11/7/2014	97.94	4.30	NP	--	93.64	--
MW-20	11/8/2014	97.94	4.90	NP	--	93.04	--
MW-20	11/8/2014	97.94	5.00	NP	--	92.94	--
MW-20	11/9/2014	97.94	4.31	NP	--	93.63	--
MW-20	11/10/2014	97.94	4.35	NP	--	93.59	--
MW-20	11/10/2014	97.94	4.36	NP	--	93.58	--
MW-20	11/10/2014	97.94	4.35	NP	--	93.59	--
MW-20	11/10/2014	97.94	4.36	NP	--	93.58	--
MW-20	11/10/2014	97.94	4.42	NP	--	93.52	--
MW-20	11/11/2014	97.94	4.43	NP	--	93.51	--
MW-20	11/11/2014	97.94	4.48	NP	--	93.46	--
MW-20	11/12/2014	97.94	4.49	NP	--	93.45	--
MW-20	11/13/2014	97.94	4.52	NP	--	93.42	--
MW-20	11/14/2014	97.94	4.76	NP	--	93.18	--
MW-20	11/17/2014	97.94	4.86	NP	--	93.08	--
MW-20	11/18/2014	97.94	4.90	NP	--	93.04	--
MW-20	11/19/2014	97.94	4.97	NP	--	92.97	--
MW-20	12/1/2014	96.66	4.03	NP	--	92.63	--
MW-20	12/8/2014	96.66	4.20	NP	--	92.46	--
MW-20	12/15/2014	96.66	3.72	NP	--	92.94	--
MW-20	12/22/2014	96.66	3.62	NP	--	93.04	--
MW-20	12/29/2014	96.66	3.32	NP	--	93.34	--
MW-20	1/5/2015	96.66	2.28	NP	--	94.38	--
MW-20	1/12/2015	96.66	4.27	NP	--	92.39	--
MW-20	1/19/2015	96.66	3.06	NP	--	93.60	--
MW-20	1/26/2015	96.66	2.94	NP	--	93.72	--
MW-20	2/2/2015	96.66	3.67	NP	--	92.99	--
MW-20	2/9/2015	96.66	2.93	NP	--	93.73	--
MW-20	2/16/2015	96.66	3.22	NP	--	93.44	--
MW-20	2/23/2015	96.66	3.71	NP	--	92.95	--
MW-20	3/2/2015	96.66	3.61	NP	--	93.05	--
MW-20	3/9/2015	96.66	4.18	NP	--	92.48	--
MW-20	3/16/2015	96.66	3.59	NP	--	93.07	--
MW-20	3/23/2015	96.66	3.44	NP	--	93.22	--
MW-20	3/30/2015	96.66	3.59	NP	--	93.07	--
MW-20	4/6/2015	96.66	4.11	NP	--	92.55	--
MW-20	4/22/2015	96.66	4.91	NP	--	91.75	--
MW-20	5/4/2015	96.66	5.08	NP	--	91.58	--

TABLE 2
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-20	5/18/2015	96.66	5.41	NP	--	91.25	--
MW-20	6/1/2015	96.66	6.85	NP	--	89.81	--
MW-20	6/15/2015	96.66	6.11	NP	--	90.55	--
MW-20	6/19/2015	96.66	6.25	NP	--	90.41	--
MW-20	6/29/2015	96.66	6.51	NP	--	90.15	--
MW-20	7/13/2015	96.66	6.82	NP	--	89.84	--
MW-20	7/28/2015	96.66	7.85	NP	--	88.81	--
MW-20	8/10/2015	96.66	8.24	NP	--	88.42	--
MW-20	8/24/2015	96.66	8.61	NP	--	88.05	--
MW-20	9/8/2015	96.66	8.31	NP	--	88.35	--
MW-20	9/21/2015	96.66	8.46	NP	--	88.20	--
MW-20	10/5/2015	96.66	8.43	NP	--	88.23	--
MW-20	10/12/2015	96.66	8.44	NP	--	88.22	--
MW-20	10/19/2015	96.66	8.47	NP	--	88.19	--
MW-20	11/2/2015	96.66	7.55	NP	--	89.11	--
MW-20	11/16/2015	96.66	4.00	NP	--	92.66	--
MW-20	11/30/2015	96.66	4.92	NP	--	91.74	--
MW-20	1/18/2016	96.66	3.81	NP	--	92.85	--
MW-20	2/1/2016	96.66	2.96	NP	--	93.70	--
MW-20	2/15/2016	96.66	1.90	NP	--	94.76	--
MW-20	3/7/2016	96.66	3.49	NP	--	93.17	--
MW-20	3/29/2016	96.66	3.16	NP	--	93.50	--
MW-20	4/5/2016	96.66	--	--	--	--	NG
MW-20	4/19/2016	96.66	4.18	NP	--	92.48	--
MW-20	5/10/2016	96.66	--	--	--	--	WI
MW-20	5/24/2016	96.66	5.36	NP	--	91.30	--
MW-20	6/7/2016	96.66	5.70	NP	--	90.96	--
MW-20	6/21/2016	96.66	5.39	NP	--	91.27	--
MW-20	7/19/2016	96.66	6.21	NP	--	90.45	--
MW-20	8/23/2016	96.66	7.76	NP	--	88.90	--
MW-20	9/20/2016	96.66	7.42	NP	--	89.24	--
MW-20	11/8/2016	96.66	4.31	NP	--	92.35	--
MW-20	12/6/2016	96.66	3.53	NP	--	93.13	--

TABLE 2
Groundwater Gauging Data
Allen Pump Station
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-21	12/17/2013	96.96	4.32	NP	--	92.64	--
MW-21	6/24/2014	96.96	4.30	NP	--	92.66	--
MW-21	11/6/2014	96.96	2.75	NP	--	94.21	--
MW-21	11/7/2014	96.96	2.78	NP	--	94.18	--
MW-21	11/8/2014	96.96	2.76	NP	--	94.20	--
MW-21	11/8/2014	96.96	2.76	NP	--	94.20	--
MW-21	11/9/2014	96.96	3.73	NP	--	93.23	--
MW-21	11/10/2014	96.96	2.86	NP	--	94.10	--
MW-21	11/10/2014	96.96	2.84	NP	--	94.12	--
MW-21	11/10/2014	96.96	2.85	NP	--	94.11	--
MW-21	11/10/2014	96.96	2.85	NP	--	94.11	--
MW-21	11/10/2014	96.96	--	--	--	--	NG
MW-21	11/11/2014	96.96	--	--	--	--	NG
MW-21	11/11/2014	96.96	--	--	--	--	NG
MW-21	11/12/2014	96.96	3.01	NP	--	93.95	--
MW-21	11/13/2014	96.96	3.10	NP	--	93.86	--
MW-21	11/14/2014	96.96	3.24	NP	--	93.72	--
MW-21	11/17/2014	96.96	3.51	NP	--	93.45	--
MW-21	11/18/2014	96.96	3.55	NP	--	93.41	--
MW-21	11/19/2014	96.96	3.60	NP	--	93.36	--
MW-21	12/1/2014	95.65	2.62	NP	--	93.03	--
MW-21	12/8/2014	95.65	2.78	NP	--	92.87	--
MW-21	12/15/2014	95.65	2.24	NP	--	93.41	--
MW-21	12/22/2014	95.65	2.24	NP	--	93.41	--
MW-21	12/29/2014	95.65	1.94	NP	--	93.71	--
MW-21	1/5/2015	95.65	1.26	NP	--	94.39	--
MW-21	1/12/2015	95.65	1.98	NP	--	93.67	--
MW-21	1/15/2015	95.65	1.98	NP	--	93.67	--
MW-21	1/19/2015	95.65	1.66	NP	--	93.99	--
MW-21	1/26/2015	95.65	1.58	NP	--	94.07	--
MW-21	2/2/2015	95.65	2.41	NP	--	93.24	--
MW-21	2/9/2015	95.65	1.57	NP	--	94.08	--
MW-21	2/16/2015	95.65	1.90	NP	--	93.75	--
MW-21	2/23/2015	95.65	2.46	NP	--	93.19	--
MW-21	3/2/2015	95.65	2.35	NP	--	93.30	--
MW-21	3/9/2015	95.65	2.95	NP	--	92.70	--
MW-21	3/16/2015	95.65	2.34	NP	--	93.31	--
MW-21	3/23/2015	95.65	2.05	NP	--	93.60	--
MW-21	3/30/2015	95.65	2.20	NP	--	93.45	--
MW-21	4/6/2015	95.65	2.86	NP	--	92.79	--
MW-21	4/22/2015	95.65	3.70	NP	--	91.95	--

TABLE 2
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-21	5/4/2015	95.65	3.90	NP	--	91.75	--
MW-21	5/18/2015	95.65	4.25	NP	--	91.40	--
MW-21	6/1/2015	95.65	4.78	NP	--	90.87	--
MW-21	6/15/2015	95.65	6.15	NP	--	89.50	--
MW-21	6/19/2015	95.65	5.27	NP	--	90.38	--
MW-21	6/29/2015	95.65	5.53	NP	--	90.12	--
MW-21	7/13/2015	95.65	5.83	NP	--	89.82	--
MW-21	7/28/2015	95.65	6.14	NP	--	89.51	--
MW-21	8/10/2015	95.65	6.04	NP	--	89.61	--
MW-21	8/24/2015	95.65	6.60	NP	--	89.05	--
MW-21	9/8/2015	95.65	6.05	NP	--	89.60	--
MW-21	9/21/2015	95.65	6.21	NP	--	89.44	--
MW-21	10/5/2015	95.65	6.38	NP	--	89.27	--
MW-21	10/12/2015	95.65	6.37	NP	--	89.28	--
MW-21	10/19/2015	95.65	6.46	NP	--	89.19	--
MW-21	11/2/2015	95.65	5.62	NP	--	90.03	--
MW-21	11/16/2015	95.65	2.96	NP	--	92.69	--
MW-21	11/30/2015	95.65	3.75	NP	--	91.90	--
MW-21	1/18/2016	95.65	2.56	NP	--	93.09	--
MW-21	2/1/2016	95.65	1.73	NP	--	93.92	--
MW-21	2/15/2016	95.65	0.65	NP	--	95.00	--
MW-21	3/7/2016	95.65	2.39	NP	--	93.26	--
MW-21	3/29/2016	95.65	1.90	NP	--	93.75	--
MW-21	4/5/2016	95.65	--	--	--	--	NG
MW-21	4/19/2016	95.65	3.00	NP	--	92.65	--
MW-21	5/10/2016	95.65	--	--	--	--	WI
MW-21	5/24/2016	95.65	4.25	NP	--	91.40	--
MW-21	6/7/2016	95.65	4.56	NP	--	91.09	--
MW-21	6/21/2016	95.65	4.23	NP	--	91.42	--
MW-21	7/19/2016	95.65	5.04	NP	--	90.61	--
MW-21	8/23/2016	95.65	6.03	NP	--	89.62	--
MW-21	9/20/2016	95.65	5.43	NP	--	90.22	--
MW-21	11/8/2016	95.65	2.71	NP	--	92.94	--
MW-21	12/6/2016	95.65	2.03	NP	--	93.62	--

TABLE 2
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-22	12/17/2013	95.93	4.32	NP	--	91.61	--
MW-22	6/24/2014	95.93	4.65	NP	--	91.28	--
MW-22	11/7/2014	95.93	1.80	NP	--	94.13	--
MW-22	11/8/2014	95.93	2.01	NP	--	93.92	--
MW-22	11/8/2014	95.93	--	--	--	--	NG
MW-22	11/9/2014	95.93	1.94	NP	--	93.99	--
MW-22	11/10/2014	95.93	2.29	NP	--	93.64	--
MW-22	11/10/2014	95.93	2.34	NP	--	93.59	--
MW-22	11/10/2014	95.93	2.30	NP	--	93.63	--
MW-22	11/10/2014	95.93	2.29	NP	--	93.64	--
MW-22	11/10/2014	95.93	2.34	NP	--	93.59	--
MW-22	11/11/2014	95.93	2.55	NP	--	93.38	--
MW-22	11/11/2014	95.93	2.63	NP	--	93.30	--
MW-22	11/12/2014	95.93	2.74	NP	--	93.19	--
MW-22	11/13/2014	95.93	2.89	NP	--	93.04	--
MW-22	11/14/2014	95.93	3.22	NP	--	92.71	--
MW-22	11/18/2014	95.93	3.68	NP	--	92.25	--
MW-22	11/19/2014	95.93	3.74	NP	--	92.19	--
MW-22	12/1/2014	95.35	1.60	NP	--	93.75	--
MW-22	12/8/2014	95.35	1.68	NP	--	93.67	--
MW-22	12/15/2014	95.35	1.34	NP	--	94.01	--
MW-22	12/22/2014	95.35	1.39	NP	--	93.96	--
MW-22	12/29/2014	95.35	1.23	NP	--	94.12	--
MW-22	1/5/2015	95.35	0.70	NP	--	94.65	--
MW-22	1/12/2015	95.35	0.90	NP	--	94.45	--
MW-22	1/19/2015	95.35	1.05	NP	--	94.30	--
MW-22	1/26/2015	95.35	1.03	NP	--	94.32	--
MW-22	2/2/2015	95.35	1.14	NP	--	94.21	--
MW-22	2/9/2015	95.35	1.05	NP	--	94.30	--
MW-22	2/16/2015	95.35	1.11	NP	--	94.24	--
MW-22	2/23/2015	95.35	1.34	NP	--	94.01	--
MW-22	3/2/2015	95.35	1.39	NP	--	93.96	--
MW-22	3/9/2015	95.35	1.84	NP	--	93.51	--
MW-22	3/16/2015	95.35	1.26	NP	--	94.09	--
MW-22	3/23/2015	95.35	1.26	NP	--	94.09	--
MW-22	3/30/2015	95.35	1.50	NP	--	93.85	--
MW-22	4/6/2015	95.35	2.35	NP	--	93.00	--
MW-22	4/22/2015	95.35	4.03	NP	--	91.32	--
MW-22	5/4/2015	95.35	4.25	NP	--	91.10	--
MW-22	5/18/2015	95.35	4.62	NP	--	90.73	--
MW-22	6/1/2015	95.35	5.02	NP	--	90.33	--

TABLE 2
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-22	6/15/2015	95.35	5.32	NP	--	90.03	--
MW-22	6/19/2015	95.35	5.41	NP	--	89.94	--
MW-22	6/29/2015	95.35	5.60	NP	--	89.75	--
MW-22	7/13/2015	95.35	5.78	NP	--	89.57	--
MW-22	7/28/2015	95.35	5.97	NP	--	89.38	--
MW-22	8/10/2015	95.35	6.16	NP	--	89.19	--
MW-22	8/24/2015	95.35	6.39	NP	--	88.96	--
MW-22	9/8/2015	95.35	6.35	NP	--	89.00	--
MW-22	9/21/2015	95.35	6.34	NP	--	89.01	--
MW-22	10/5/2015	95.35	6.46	NP	--	88.89	--
MW-22	10/12/2015	95.35	6.50	NP	--	88.85	--
MW-22	10/19/2015	95.35	6.54	NP	--	88.81	--
MW-22	11/2/2015	95.35	--	--	--	--	WI
MW-22	11/16/2015	95.35	1.35	NP	--	94.00	--
MW-22	11/30/2015	95.35	2.56	NP	--	92.79	--
MW-22	1/18/2016	95.35	1.33	NP	--	94.02	--
MW-22	2/1/2016	95.35	0.96	NP	--	94.39	--
MW-22	2/15/2016	95.35	0.70	NP	--	94.65	--
MW-22	3/7/2016	95.35	1.33	NP	--	94.02	--
MW-22	3/29/2016	95.35	1.28	NP	--	94.07	--
MW-22	4/5/2016	95.35	--	--	--	--	NG
MW-22	4/19/2016	95.35	2.86	NP	--	92.49	--
MW-22	5/10/2016	95.35	4.30	NP	--	91.05	--
MW-22	5/24/2016	95.35	5.64	NP	--	89.71	--
MW-22	6/7/2016	95.35	4.85	NP	--	90.50	--
MW-22	6/21/2016	95.35	4.87	NP	--	90.48	--
MW-22	7/19/2016	95.35	5.35	NP	--	90.00	--
MW-22	8/23/2016	95.35	5.90	NP	--	89.45	--
MW-22	9/20/2016	95.35	5.66	NP	--	89.69	--
MW-22	11/8/2016	95.35	1.72	NP	--	93.63	--
MW-22	12/6/2016	95.35	1.51	NP	--	93.84	--

TABLE 2
Groundwater Gauging Data
Allen Pump Station
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-23	12/17/2013	95.62	3.14	NP	--	92.48	--
MW-23	6/24/2014	95.62	3.61	NP	--	92.01	--
MW-23	11/7/2014	95.62	--	--	--	--	NG
MW-23	11/8/2014	95.62	--	--	--	--	NG
MW-23	11/9/2014	95.62	1.22	NP	--	94.40	--
MW-23	11/10/2014	95.62	1.50	NP	--	94.12	--
MW-23	11/12/2014	95.62	1.78	NP	--	93.84	--
MW-23	11/18/2014	95.62	2.49	NP	--	93.13	--
MW-23	11/19/2014	95.62	2.51	NP	--	93.11	--
MW-23	12/1/2014	94.20	1.40	NP	--	92.80	--
MW-23	12/8/2014	94.20	1.40	NP	--	92.80	--
MW-23	12/15/2014	94.20	1.14	NP	--	93.06	--
MW-23	12/22/2014	94.20	1.13	NP	--	93.07	--
MW-23	12/29/2014	94.20	0.97	NP	--	93.23	--
MW-23	1/5/2015	94.20	0.50	NP	--	93.70	--
MW-23	1/12/2015	94.20	0.90	NP	--	93.30	--
MW-23	1/19/2015	94.20	0.80	NP	--	93.40	--
MW-23	1/26/2015	94.20	0.74	NP	--	93.46	--
MW-23	2/2/2015	94.20	1.24	NP	--	92.96	--
MW-23	2/9/2015	94.20	0.90	NP	--	93.30	--
MW-23	2/16/2015	94.20	0.90	NP	--	93.30	--
MW-23	2/23/2015	94.20	1.41	NP	--	92.79	--
MW-23	3/2/2015	94.20	1.33	NP	--	92.87	--
MW-23	3/9/2015	94.20	1.85	NP	--	92.35	--
MW-23	3/16/2015	94.20	1.05	NP	--	93.15	--
MW-23	3/23/2015	94.20	1.00	NP	--	93.20	--
MW-23	3/30/2015	94.20	1.20	NP	--	93.00	--
MW-23	4/6/2015	94.20	1.95	NP	--	92.25	--
MW-23	4/22/2015	94.20	2.79	NP	--	91.41	--
MW-23	5/4/2015	94.20	3.09	NP	--	91.11	--
MW-23	5/18/2015	94.20	3.51	NP	--	90.69	--
MW-23	6/1/2015	94.20	4.07	NP	--	90.13	--
MW-23	6/15/2015	94.20	4.43	NP	--	89.77	--
MW-23	6/19/2015	94.20	4.55	NP	--	89.65	--
MW-23	6/29/2015	94.20	4.77	NP	--	89.43	--
MW-23	7/13/2015	94.20	5.12	NP	--	89.08	--
MW-23	7/28/2015	94.20	5.41	NP	--	88.79	--
MW-23	8/10/2015	94.20	5.63	NP	--	88.57	--
MW-23	8/24/2015	94.20	8.85	NP	--	85.35	--
MW-23	9/8/2015	94.20	4.80	NP	--	89.40	--
MW-23	9/21/2015	94.20	--	--	--	--	WI

TABLE 2
Groundwater Gauging Data
Allen Pump Station
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-23	10/5/2015	94.20	5.28	NP	--	88.92	--
MW-23	10/12/2015	94.20	--	--	--	--	NG
MW-23	10/19/2015	94.20	5.24	NP	--	88.96	--
MW-23	11/2/2015	94.20	5.77	NP	--	88.43	--
MW-23	11/16/2015	94.20	1.24	NP	--	92.96	--
MW-23	11/30/2015	94.20	2.24	NP	--	91.96	--
MW-23	1/18/2016	94.20	1.36	NP	--	92.84	--
MW-23	2/1/2016	94.20	1.03	NP	--	93.17	--
MW-23	2/15/2016	94.20	0.50	NP	--	93.70	--
MW-23	3/7/2016	94.20	1.45	NP	--	92.75	--
MW-23	3/29/2016	94.20	1.05	NP	--	93.15	--
MW-23	4/5/2016	94.20	--	--	--	--	NG
MW-23	4/19/2016	94.20	2.15	NP	--	92.05	--
MW-23	5/10/2016	94.20	3.00	NP	--	91.20	--
MW-23	5/24/2016	94.20	3.31	NP	--	90.89	--
MW-23	6/7/2016	94.20	3.62	NP	--	90.58	--
MW-23	6/21/2016	94.20	3.07	NP	--	91.13	--
MW-23	7/19/2016	94.20	4.24	NP	--	89.96	--
MW-23	8/23/2016	94.20	5.12	NP	--	89.08	--
MW-23	9/20/2016	94.20	4.19	NP	--	90.01	--
MW-23	11/8/2016	94.20	1.40	NP	--	92.80	--
MW-23	12/6/2016	94.20	1.21	NP	--	92.99	--

TABLE 2
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Allen Pump Station
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-24	11/17/2014	--	4.89	NP	--	--	--
MW-24	11/18/2014	--	6.55	NP	--	--	--
MW-24	11/19/2014	--	6.55	NP	--	--	--
MW-24	12/1/2014	96.50	3.75	NP	--	92.75	--
MW-24	12/8/2014	96.50	3.84	NP	--	92.66	--
MW-24	12/15/2014	96.50	2.27	NP	--	94.23	--
MW-24	12/22/2014	96.50	3.43	NP	--	93.07	--
MW-24	12/29/2014	96.50	3.14	NP	--	93.36	--
MW-24	1/5/2015	96.50	2.58	NP	--	93.92	--
MW-24	1/12/2015	96.50	2.80	NP	--	93.70	--
MW-24	1/14/2015	96.50	2.80	NP	--	93.70	--
MW-24	1/19/2015	96.50	3.22	NP	--	93.28	--
MW-24	1/26/2015	96.50	3.17	NP	--	93.33	--
MW-24	2/2/2015	96.50	3.40	NP	--	93.10	--
MW-24	2/9/2015	96.50	3.47	NP	--	93.03	--
MW-24	2/16/2015	96.50	3.36	NP	--	93.14	--
MW-24	2/23/2015	96.50	3.50	NP	--	93.00	--
MW-24	3/2/2015	96.50	3.74	NP	--	92.76	--
MW-24	3/9/2015	96.50	3.89	NP	--	92.61	--
MW-24	3/16/2015	96.50	3.66	NP	--	92.84	--
MW-24	3/23/2015	96.50	3.80	NP	--	92.70	--
MW-24	3/30/2015	96.50	3.83	NP	--	92.67	--
MW-24	4/6/2015	96.50	4.25	NP	--	92.25	--
MW-24	4/22/2015	96.50	5.10	NP	--	91.40	--
MW-24	5/4/2015	96.50	5.93	NP	--	90.57	--
MW-24	5/18/2015	96.50	5.90	NP	--	90.60	--
MW-24	6/1/2015	96.50	6.53	NP	--	89.97	--
MW-24	6/15/2015	96.50	6.86	NP	--	89.64	--
MW-24	6/19/2015	96.50	6.97	NP	--	89.53	--
MW-24	6/29/2015	96.50	7.34	NP	--	89.16	--
MW-24	7/13/2015	96.50	7.69	NP	--	88.81	--
MW-24	7/28/2015	96.50	7.92	NP	--	88.58	--
MW-24	8/10/2015	96.50	8.22	NP	--	88.28	--
MW-24	8/24/2015	96.50	8.42	NP	--	88.08	--
MW-24	9/8/2015	96.50	7.72	NP	--	88.78	--
MW-24	9/21/2015	96.50	7.80	NP	--	88.70	--
MW-24	10/5/2015	96.50	7.98	NP	--	88.52	--
MW-24	10/12/2015	96.50	7.90	NP	--	88.60	--
MW-24	10/19/2015	96.50	8.14	NP	--	88.36	--
MW-24	11/2/2015	96.50	7.41	NP	--	89.09	--
MW-24	11/16/2015	96.50	5.67	NP	--	90.83	--

TABLE 2
Groundwater Gauging Data
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-24	11/30/2015	96.50	5.75	NP	--	90.75	--
MW-24	1/18/2016	96.50	3.56	NP	--	92.94	--
MW-24	2/1/2016	96.50	4.11	NP	--	92.39	--
MW-24	2/15/2016	96.50	3.82	NP	--	92.68	--
MW-24	3/7/2016	96.50	3.15	NP	--	93.35	--
MW-24	3/29/2016	96.50	3.52	3.50	0.02	93.00	--
MW-24	4/5/2016	96.50	3.28	NP	--	93.22	--
MW-24	4/19/2016	96.50	3.96	3.94	0.02	92.56	--
MW-24	5/10/2016	96.50	5.05	NP	--	91.45	--
MW-24	5/24/2016	96.50	5.44	NP	--	91.06	--
MW-24	6/7/2016	96.50	5.85	NP	--	90.65	--
MW-24	6/21/2016	96.50	5.38	NP	--	91.12	--
MW-24	7/19/2016	96.50	6.57	NP	--	89.93	--
MW-24	8/23/2016	96.50	7.61	NP	--	88.89	--
MW-24	9/20/2016	96.50	6.82	NP	--	89.68	--
MW-24	11/8/2016	96.50	4.22	NP	--	92.28	--
MW-24	12/6/2016	96.50	4.25	NP	--	92.25	--

TABLE 2
Groundwater Gauging Data
Allen Pump Station
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-25	11/17/2014	--	5.54	NP	--	--	--
MW-25	11/18/2014	--	8.02	NP	--	--	--
MW-25	11/19/2014	--	8.00	NP	--	--	--
MW-25	12/1/2014	97.35	6.40	NP	--	90.95	--
MW-25	12/8/2014	97.35	6.19	NP	--	91.16	--
MW-25	12/15/2014	97.35	5.82	NP	--	91.53	--
MW-25	12/22/2014	97.35	5.62	NP	--	91.73	--
MW-25	12/29/2014	97.35	5.10	NP	--	92.25	--
MW-25	1/5/2015	97.35	4.58	NP	--	92.77	--
MW-25	1/12/2015	97.35	4.33	NP	--	93.02	--
MW-25	1/13/2015	97.35	4.33	NP	--	93.02	--
MW-25	1/19/2015	97.35	4.23	NP	--	93.12	--
MW-25	1/26/2015	97.35	4.03	NP	--	93.32	--
MW-25	2/2/2015	97.35	4.38	NP	--	92.97	--
MW-25	2/9/2015	97.35	4.07	NP	--	93.28	--
MW-25	2/16/2015	97.35	4.06	NP	--	93.29	--
MW-25	2/23/2015	97.35	4.47	NP	--	92.88	--
MW-25	3/2/2015	97.35	4.56	NP	--	92.79	--
MW-25	3/9/2015	97.35	5.94	NP	--	91.41	--
MW-25	3/16/2015	97.35	4.90	NP	--	92.45	--
MW-25	3/23/2015	97.35	4.71	NP	--	92.64	--
MW-25	3/30/2015	97.35	4.68	NP	--	92.67	--
MW-25	4/6/2015	97.35	5.09	NP	--	92.26	--
MW-25	4/22/2015	97.35	5.63	NP	--	91.72	--
MW-25	5/4/2015	97.35	5.82	NP	--	91.53	--
MW-25	5/18/2015	97.35	6.14	NP	--	91.21	--
MW-25	6/1/2015	97.35	6.46	NP	--	90.89	--
MW-25	6/15/2015	97.35	6.85	NP	--	90.50	--
MW-25	6/19/2015	97.35	6.91	NP	--	90.44	--
MW-25	6/29/2015	97.35	7.17	NP	--	90.18	--
MW-25	7/13/2015	97.35	7.53	NP	--	89.82	--
MW-25	7/28/2015	97.35	8.09	NP	--	89.26	--
MW-25	8/10/2015	97.35	8.68	NP	--	88.67	--
MW-25	8/24/2015	97.35	8.89	NP	--	88.46	--
MW-25	9/8/2015	97.35	8.73	NP	--	88.62	--
MW-25	9/21/2015	97.35	8.72	NP	--	88.63	--
MW-25	10/5/2015	97.35	--	--	--	--	NG
MW-25	10/12/2015	97.35	--	--	--	--	NG
MW-25	10/19/2015	97.35	8.83	NP	--	88.52	--
MW-25	11/2/2015	97.35	8.43	NP	--	88.92	--
MW-25	11/16/2015	97.35	7.65	NP	--	89.70	--

TABLE 2
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-25	11/30/2015	97.35	--	--	--	--	NG
MW-25	1/18/2016	97.35	4.92	NP	--	92.43	--
MW-25	2/1/2016	97.35	--	--	--	--	WI
MW-25	2/15/2016	97.35	--	--	--	--	NG
MW-25	3/7/2016	97.35	4.18	NP	--	93.17	--
MW-25	3/29/2016	97.35	4.14	NP	--	93.21	--
MW-25	4/5/2016	97.35	--	--	--	--	NG
MW-25	4/19/2016	97.35	4.85	NP	--	92.50	--
MW-25	5/10/2016	97.35	5.48	NP	--	91.87	--
MW-25	5/24/2016	97.35	5.82	NP	--	91.53	--
MW-25	6/7/2016	97.35	6.10	NP	--	91.25	--
MW-25	6/21/2016	97.35	6.25	NP	--	91.10	--
MW-25	7/19/2016	97.35	6.70	NP	--	90.65	--
MW-25	8/23/2016	97.35	7.53	NP	--	89.82	--
MW-25	9/20/2016	97.35	7.68	NP	--	89.67	--
MW-25	11/8/2016	97.35	7.10	NP	--	90.25	--
MW-25	12/6/2016	97.35	6.21	NP	--	91.14	--

TABLE 2
Groundwater Gauging Data
Allen Pump Station
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-27	11/17/2014	--	7.00	NP	--	--	--
MW-27	11/18/2014	--	7.14	NP	--	--	--
MW-27	11/19/2014	--	7.14	NP	--	--	--
MW-27	12/1/2014	96.56	3.43	NP	--	93.13	--
MW-27	12/8/2014	96.56	3.53	NP	--	93.03	--
MW-27	12/15/2014	96.56	3.21	NP	--	93.35	--
MW-27	12/22/2014	96.56	3.16	NP	--	93.40	--
MW-27	12/29/2014	96.56	3.07	NP	--	93.49	--
MW-27	1/5/2015	96.56	2.69	NP	--	93.87	--
MW-27	1/12/2015	96.56	2.74	NP	--	93.82	--
MW-27	1/13/2015	96.56	2.74	NP	--	93.82	--
MW-27	1/19/2015	96.56	2.80	NP	--	93.76	--
MW-27	1/26/2015	96.56	2.47	NP	--	94.09	--
MW-27	2/2/2015	96.56	2.88	NP	--	93.68	--
MW-27	2/9/2015	96.56	2.78	NP	--	93.78	--
MW-27	2/16/2015	96.56	2.70	NP	--	93.86	--
MW-27	2/23/2015	96.56	2.80	NP	--	93.76	--
MW-27	3/2/2015	96.56	3.00	NP	--	93.56	--
MW-27	3/9/2015	96.56	3.11	NP	--	93.45	--
MW-27	3/16/2015	96.56	3.20	NP	--	93.36	--
MW-27	3/23/2015	96.56	3.13	NP	--	93.43	--
MW-27	3/30/2015	96.56	3.14	NP	--	93.42	--
MW-27	4/6/2015	96.56	3.61	NP	--	92.95	--
MW-27	4/22/2015	96.56	4.44	NP	--	92.12	--
MW-27	5/4/2015	96.56	4.79	NP	--	91.77	--
MW-27	5/18/2015	96.56	5.35	NP	--	91.21	--
MW-27	6/1/2015	96.56	6.04	NP	--	90.52	--
MW-27	6/15/2015	96.56	6.43	NP	--	90.13	--
MW-27	6/19/2015	96.56	6.39	NP	--	90.17	--
MW-27	6/29/2015	96.56	6.87	NP	--	89.69	--
MW-27	7/13/2015	96.56	7.29	NP	--	89.27	--
MW-27	7/28/2015	96.56	7.66	NP	--	88.90	--
MW-27	8/10/2015	96.56	7.98	NP	--	88.58	--
MW-27	8/24/2015	96.56	--	--	--	--	NG
MW-27	9/8/2015	96.56	6.97	NP	--	89.59	--
MW-27	9/21/2015	96.56	7.19	NP	--	89.37	--
MW-27	10/5/2015	96.56	7.62	NP	--	88.94	--
MW-27	10/12/2015	96.56	7.32	NP	--	89.24	--
MW-27	10/19/2015	96.56	7.60	NP	--	88.96	--
MW-27	11/2/2015	96.56	6.74	NP	--	89.82	--
MW-27	11/16/2015	96.56	5.06	NP	--	91.50	--

TABLE 2
Groundwater Gauging Data
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-27	11/30/2015	96.56	5.02	NP	--	91.54	--
MW-27	1/18/2016	96.56	3.26	NP	--	93.30	--
MW-27	2/1/2016	96.56	3.01	NP	--	93.55	--
MW-27	2/15/2016	96.56	2.23	NP	--	94.33	--
MW-27	3/7/2016	96.56	2.54	NP	--	94.02	--
MW-27	3/29/2016	96.56	2.57	NP	--	93.99	--
MW-27	4/5/2016	96.56	3.04	NP	--	93.52	--
MW-27	4/19/2016	96.56	3.32	3.30	0.02	93.26	--
MW-27	5/10/2016	96.56	4.63	NP	--	91.93	--
MW-27	5/24/2016	96.56	5.07	NP	--	91.49	--
MW-27	6/7/2016	96.56	5.49	NP	--	91.07	--
MW-27	6/21/2016	96.56	5.23	NP	--	91.33	--
MW-27	7/19/2016	96.56	6.29	NP	--	90.27	--
MW-27	8/23/2016	96.56	--	--	--	--	NG
MW-27	9/20/2016	96.56	--	--	--	--	NG
MW-27	11/8/2016	96.56	--	--	--	--	NG
MW-27	12/6/2016	96.56	--	--	--	--	NG

TABLE 2
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-28	11/17/2014	--	7.71	NP	--	--	--
MW-28	11/18/2014	--	8.10	NP	--	--	--
MW-28	11/19/2014	--	8.03	NP	--	--	--
MW-28	12/1/2014	96.77	5.05	NP	--	91.72	--
MW-28	12/8/2014	96.77	5.14	NP	--	91.63	--
MW-28	12/15/2014	96.77	4.62	NP	--	92.15	--
MW-28	12/22/2014	96.77	4.70	NP	--	92.07	--
MW-28	12/29/2014	96.77	4.29	NP	--	92.48	--
MW-28	1/5/2015	96.77	3.18	NP	--	93.59	--
MW-28	1/12/2015	96.77	4.02	NP	--	92.75	--
MW-28	1/13/2015	96.77	4.02	NP	--	92.75	--
MW-28	1/19/2015	96.77	4.00	NP	--	92.77	--
MW-28	1/26/2015	96.77	3.91	NP	--	92.86	--
MW-28	2/2/2015	96.77	4.54	NP	--	92.23	--
MW-28	2/9/2015	96.77	3.76	NP	--	93.01	--
MW-28	2/16/2015	96.77	3.96	NP	--	92.81	--
MW-28	3/2/2015	96.77	4.51	NP	--	92.26	--
MW-28	3/9/2015	96.77	4.97	NP	--	91.80	--
MW-28	3/16/2015	96.77	4.60	NP	--	92.17	--
MW-28	3/23/2015	96.77	4.40	NP	--	92.37	--
MW-28	3/30/2015	96.77	4.48	NP	--	92.29	--
MW-28	4/6/2015	96.77	5.00	NP	--	91.77	--
MW-28	4/22/2015	96.77	5.79	NP	--	90.98	--
MW-28	5/4/2015	96.77	6.24	NP	--	90.53	--
MW-28	5/18/2015	96.77	6.65	NP	--	90.12	--
MW-28	6/1/2015	96.77	7.10	NP	--	89.67	--
MW-28	6/15/2015	96.77	7.37	NP	--	89.40	--
MW-28	6/19/2015	96.77	7.38	NP	--	89.39	--
MW-28	7/13/2015	96.77	8.14	NP	--	88.63	--
MW-28	7/28/2015	96.77	8.34	NP	--	88.43	--
MW-28	8/10/2015	96.77	8.69	NP	--	88.08	--
MW-28	8/24/2015	96.77	3.88	NP	--	92.89	--
MW-28	9/8/2015	96.77	8.36	NP	--	88.41	--
MW-28	9/21/2015	96.77	8.31	NP	--	88.46	--
MW-28	10/5/2015	96.77	8.51	NP	--	88.26	--
MW-28	10/12/2015	96.77	--	--	--	--	WI
MW-28	10/19/2015	96.77	8.53	NP	--	88.24	--
MW-28	11/2/2015	96.77	8.18	NP	--	88.59	--
MW-28	11/16/2015	96.77	--	--	--	--	WI
MW-28	11/30/2015	96.77	--	--	--	--	WI
MW-28	1/18/2016	96.77	4.19	4.15	0.04	92.61	NS

TABLE 2
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-28	2/1/2016	96.77	3.51	3.50	0.01	93.27	--
MW-28	2/15/2016	96.77	2.92	NP	--	93.85	--
MW-28	3/7/2016	96.77	3.50	3.41	0.09	93.34	--
MW-28	3/29/2016	96.77	3.65	3.56	0.09	93.19	--
MW-28	4/5/2016	96.77	3.70	NP	--	93.07	--
MW-28	4/19/2016	96.77	4.43	4.42	0.01	92.35	--
MW-28	5/10/2016	96.77	5.41	5.40	0.01	91.37	--
MW-28	5/24/2016	96.77	5.82	NP	--	90.95	--
MW-28	6/7/2016	96.77	6.25	NP	--	90.52	--
MW-28	6/21/2016	96.77	5.92	NP	--	90.85	--
MW-28	7/19/2016	96.77	7.02	NP	--	89.75	--
MW-28	8/23/2016	96.77	--	--	--	--	WI
MW-28	9/20/2016	96.77	7.37	NP	--	89.40	--
MW-28	11/8/2016	96.77	5.07	NP	--	91.70	--
MW-28	12/6/2016	96.77	4.27	4.16	0.11	92.58	--

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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-29	11/17/2014	--	5.55	NP	--	--	--
MW-29	11/18/2014	--	5.86	NP	--	--	--
MW-29	11/19/2014	--	5.85	NP	--	--	--
MW-29	12/1/2014	97.98	4.07	NP	--	93.91	--
MW-29	12/8/2014	97.98	4.20	NP	--	93.78	--
MW-29	12/15/2014	97.98	3.63	NP	--	94.35	--
MW-29	12/22/2014	97.98	3.75	NP	--	94.23	--
MW-29	12/29/2014	97.98	3.40	NP	--	94.58	--
MW-29	1/5/2015	97.98	2.19	NP	--	95.79	--
MW-29	1/12/2015	97.98	3.56	NP	--	94.42	--
MW-29	1/14/2015	97.98	3.56	NP	--	94.42	--
MW-29	1/19/2015	97.98	3.01	NP	--	94.97	--
MW-29	1/26/2015	97.98	3.20	NP	--	94.78	--
MW-29	2/2/2015	97.98	3.95	NP	--	94.03	--
MW-29	2/9/2015	97.98	3.07	NP	--	94.91	--
MW-29	2/16/2015	97.98	3.47	NP	--	94.51	--
MW-29	2/23/2015	97.98	4.01	NP	--	93.97	--
MW-29	3/2/2015	97.98	3.89	NP	--	94.09	--
MW-29	3/9/2015	97.98	4.54	NP	--	93.44	--
MW-29	3/16/2015	97.98	3.56	NP	--	94.42	--
MW-29	3/23/2015	97.98	3.50	NP	--	94.48	--
MW-29	3/30/2015	97.98	3.72	NP	--	94.26	--
MW-29	4/6/2015	97.98	4.58	NP	--	93.40	--
MW-29	4/22/2015	97.98	5.78	NP	--	92.20	--
MW-29	5/4/2015	97.98	6.00	NP	--	91.98	--
MW-29	5/18/2015	97.98	6.50	NP	--	91.48	--
MW-29	6/1/2015	97.98	7.20	NP	--	90.78	--
MW-29	6/15/2015	97.98	7.64	NP	--	90.34	--
MW-29	6/19/2015	97.98	7.81	NP	--	90.17	--
MW-29	6/29/2015	97.98	8.10	NP	--	89.88	--
MW-29	7/13/2015	97.98	8.45	NP	--	89.53	--
MW-29	7/28/2015	97.98	8.77	NP	--	89.21	--
MW-29	8/10/2015	97.98	9.04	NP	--	88.94	--
MW-29	8/24/2015	97.98	9.31	NP	--	88.67	--
MW-29	9/8/2015	97.98	8.60	NP	--	89.38	--
MW-29	9/21/2015	97.98	8.57	NP	--	89.41	--
MW-29	10/5/2015	97.98	8.81	NP	--	89.17	--
MW-29	10/12/2015	97.98	8.97	NP	--	89.01	--
MW-29	10/19/2015	97.98	9.24	NP	--	88.74	--
MW-29	11/2/2015	97.98	8.68	NP	--	89.30	--
MW-29	11/16/2015	97.98	6.62	NP	--	91.36	--

TABLE 2
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-29	11/30/2015	97.98	6.97	NP	--	91.01	--
MW-29	1/18/2016	97.98	2.45	NP	--	95.53	--
MW-29	2/1/2016	96.56	1.80	NP	--	94.76	--
MW-29	2/15/2016	96.56	0.48	NP	--	96.08	--
MW-29	3/7/2016	96.56	2.43	NP	--	94.13	--
MW-29	3/29/2016	96.56	2.02	NP	--	94.54	--
MW-29	4/5/2016	96.56	2.21	NP	--	94.35	--
MW-29	4/19/2016	96.56	3.30	NP	--	93.26	--
MW-29	5/10/2016	96.56	4.54	NP	--	92.02	--
MW-29	5/24/2016	96.56	4.93	NP	--	91.63	--
MW-29	6/7/2016	96.56	5.31	NP	--	91.25	--
MW-29	6/21/2016	96.56	4.85	NP	--	91.71	--
MW-29	7/19/2016	96.56	6.04	NP	--	90.52	--
MW-29	8/23/2016	96.56	7.01	NP	--	89.55	--
MW-29	9/20/2016	96.56	6.28	NP	--	90.28	--
MW-29	11/8/2016	96.56	2.57	NP	--	93.99	--
MW-29	12/6/2016	96.56	2.10	NP	--	94.46	--

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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-31	12/15/2014	96.53	1.52	NP	--	95.01	--
MW-31	12/22/2014	96.53	2.20	NP	--	94.33	--
MW-31	12/29/2014	96.53	1.85	NP	--	94.68	--
MW-31	1/5/2015	96.53	0.68	NP	--	95.85	--
MW-31	1/12/2015	96.53	1.82	NP	--	94.71	--
MW-31	1/19/2015	96.53	1.60	NP	--	94.93	--
MW-31	1/26/2015	96.53	1.64	NP	--	94.89	--
MW-31	2/2/2015	96.53	2.20	NP	--	94.33	--
MW-31	2/9/2015	96.53	1.75	NP	--	94.78	--
MW-31	2/16/2015	96.53	1.85	NP	--	94.68	--
MW-31	2/23/2015	96.53	2.40	NP	--	94.13	--
MW-31	3/2/2015	96.53	2.39	NP	--	94.14	--
MW-31	3/9/2015	96.53	2.90	NP	--	93.63	--
MW-31	3/16/2015	96.53	2.20	NP	--	94.33	--
MW-31	3/23/2015	96.53	1.97	NP	--	94.56	--
MW-31	3/30/2015	96.53	2.19	NP	--	94.34	--
MW-31	4/6/2015	96.53	2.93	NP	--	93.60	--
MW-31	4/22/2015	96.53	4.21	NP	--	92.32	--
MW-31	5/4/2015	96.53	4.33	NP	--	92.20	--
MW-31	5/18/2015	96.53	4.89	NP	--	91.64	--
MW-31	6/1/2015	96.53	5.57	NP	--	90.96	--
MW-31	6/15/2015	96.53	5.99	NP	--	90.54	--
MW-31	6/19/2015	96.53	6.15	NP	--	90.38	--
MW-31	6/29/2015	96.53	6.42	NP	--	90.11	--
MW-31	7/13/2015	96.53	6.77	NP	--	89.76	--
MW-31	7/28/2015	96.53	7.08	NP	--	89.45	--
MW-31	8/10/2015	96.53	7.34	NP	--	89.19	--
MW-31	8/24/2015	96.53	7.60	NP	--	88.93	--
MW-31	9/8/2015	96.53	7.05	NP	--	89.48	--
MW-31	9/21/2015	96.53	6.93	NP	--	89.60	--
MW-31	10/5/2015	96.53	--	--	--	--	NG
MW-31	10/12/2015	96.53	7.13	NP	--	89.40	--
MW-31	10/19/2015	96.53	7.26	NP	--	89.27	--
MW-31	11/2/2015	96.53	6.97	NP	--	89.56	--
MW-31	11/16/2015	96.53	4.61	NP	--	91.92	--
MW-31	11/30/2015	96.53	4.92	NP	--	91.61	--
MW-31	1/18/2016	96.53	2.45	NP	--	94.08	--
MW-31	2/1/2016	96.53	2.02	NP	--	94.51	--
MW-31	2/15/2016	96.53	0.63	NP	--	95.90	--
MW-31	3/7/2016	96.53	2.51	NP	--	94.02	--
MW-31	3/29/2016	96.53	2.05	NP	--	94.48	--

TABLE 2
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-31	4/5/2016	96.53	2.37	NP	--	94.16	--
MW-31	4/19/2016	96.53	3.21	NP	--	93.32	--
MW-31	5/10/2016	96.53	4.35	NP	--	92.18	--
MW-31	5/24/2016	96.53	4.78	NP	--	91.75	--
MW-31	6/7/2016	96.53	5.13	NP	--	91.40	--
MW-31	6/21/2016	96.53	4.70	NP	--	91.83	--
MW-31	7/19/2016	96.53	5.83	NP	--	90.70	--
MW-31	8/23/2016	96.53	6.76	NP	--	89.77	--
MW-31	9/20/2016	96.53	6.10	NP	--	90.43	--
MW-31	11/8/2016	96.53	2.56	NP	--	93.97	--
MW-31	12/6/2016	96.53	2.04	NP	--	94.49	--

TABLE 2
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-32	11/17/2014	--	7.20	NP	--	--	--
MW-32	11/18/2014	--	7.38	NP	--	--	--
MW-32	11/19/2014	--	7.23	NP	--	--	--
MW-32	12/1/2014	97.17	5.03	NP	--	92.14	--
MW-32	12/8/2014	97.17	4.99	NP	--	92.18	--
MW-32	12/15/2014	97.17	4.62	NP	--	92.55	--
MW-32	12/22/2014	97.17	4.52	NP	--	92.65	--
MW-32	12/29/2014	97.17	4.17	NP	--	93.00	--
MW-32	1/5/2015	97.17	3.85	NP	--	93.32	--
MW-32	1/12/2015	97.17	3.78	NP	--	93.39	--
MW-32	1/13/2015	97.17	3.78	NP	--	93.39	--
MW-32	1/19/2015	97.17	3.82	NP	--	93.35	--
MW-32	1/26/2015	97.17	3.62	NP	--	93.55	--
MW-32	2/2/2015	97.17	4.04	NP	--	93.13	--
MW-32	2/9/2015	97.17	3.66	NP	--	93.51	--
MW-32	2/16/2015	97.17	3.59	NP	--	93.58	--
MW-32	2/23/2015	97.17	3.93	NP	--	93.24	--
MW-32	3/2/2015	97.17	4.12	NP	--	93.05	--
MW-32	3/9/2015	97.17	4.57	NP	--	92.60	--
MW-32	3/16/2015	97.17	4.45	NP	--	92.72	--
MW-32	3/23/2015	97.17	4.21	NP	--	92.96	--
MW-32	3/30/2015	97.17	4.19	NP	--	92.98	--
MW-32	4/6/2015	97.17	4.70	NP	--	92.47	--
MW-32	4/22/2015	97.17	5.45	NP	--	91.72	--
MW-32	5/4/2015	97.17	5.73	NP	--	91.44	--
MW-32	5/18/2015	97.17	6.14	NP	--	91.03	--
MW-32	6/1/2015	97.17	6.61	NP	--	90.56	--
MW-32	6/15/2015	97.17	6.96	NP	--	90.21	--
MW-32	6/19/2015	97.17	7.04	NP	--	90.13	--
MW-32	6/29/2015	97.17	7.36	NP	--	89.81	--
MW-32	7/13/2015	97.17	7.82	NP	--	89.35	--
MW-32	7/28/2015	97.17	8.20	NP	--	88.97	--
MW-32	8/10/2015	97.17	8.51	NP	--	88.66	--
MW-32	8/24/2015	97.17	8.77	NP	--	88.40	--
MW-32	9/8/2015	97.17	8.28	NP	--	88.89	--
MW-32	9/21/2015	97.17	8.31	NP	--	88.86	--
MW-32	10/5/2015	97.17	8.48	NP	--	88.69	--
MW-32	10/12/2015	97.17	--	--	--	--	NG
MW-32	10/19/2015	97.17	--	--	--	--	NG
MW-32	11/2/2015	97.17	--	--	--	--	NG
MW-32	11/16/2015	97.17	--	--	--	--	WI

TABLE 2
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-32	11/30/2015	97.17	--	--	--	--	NG
MW-32	1/18/2016	97.17	--	--	--	--	WI
MW-32	2/1/2016	97.17	--	--	--	--	WI
MW-32	2/15/2016	97.17	--	--	--	--	NG
MW-32	3/7/2016	97.17	--	--	--	--	WI
MW-32	3/29/2016	97.17	--	--	--	--	WI
MW-32	4/5/2016	97.17	4.02	NP	--	93.15	--
MW-32	4/19/2016	97.17	4.50	NP	--	92.67	--
MW-32	5/10/2016	97.17	5.15	NP	--	92.02	--
MW-32	5/24/2016	97.17	5.82	NP	--	91.35	--
MW-32	6/7/2016	97.17	6.15	NP	--	91.02	--
MW-32	6/21/2016	97.17	6.16	NP	--	91.01	--
MW-32	7/19/2016	97.17	6.87	NP	--	90.30	--
MW-32	8/23/2016	97.17	7.85	NP	--	89.32	--
MW-32	9/20/2016	97.17	7.50	NP	--	89.67	--
MW-32	11/8/2016	97.17	5.80	NP	--	91.37	--
MW-32	12/6/2016	97.17	4.60	NP	--	92.57	--

TABLE 2
Groundwater Gauging Data
Allen Pump Station
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-34	11/17/2014	--	8.91	NP	--	--	--
MW-34	11/18/2014	--	9.16	8.74	0.42	--	--
MW-34	11/19/2014	--	9.10	8.79	0.31	--	--
MW-34	12/1/2014	97.59	7.47	6.14	1.33	91.12	--
MW-34	12/8/2014	97.59	7.37	6.27	1.10	91.04	--
MW-34	12/15/2014	97.59	7.32	5.70	1.62	91.48	--
MW-34	12/22/2014	97.59	7.53	5.79	1.74	91.36	--
MW-34	12/29/2014	97.59	6.65	5.50	1.15	91.80	--
MW-34	1/5/2015	97.59	5.71	4.90	0.81	92.49	--
MW-34	1/12/2015	97.59	6.22	5.16	1.06	92.17	--
MW-34	1/13/2015	97.59	6.17	5.32	0.85	92.06	--
MW-34	1/14/2015	97.59	5.99	5.48	0.51	91.98	--
MW-34	1/19/2015	97.59	5.64	5.44	0.20	92.10	--
MW-34	1/26/2015	97.59	5.40	5.10	0.30	92.41	--
MW-34	2/2/2015	97.59	6.02	5.86	0.16	91.69	--
MW-34	2/9/2015	97.59	5.35	5.21	0.14	92.35	--
MW-34	2/16/2015	97.59	5.50	5.37	0.13	92.19	--
MW-34	2/23/2015	97.59	6.05	5.98	0.07	91.59	--
MW-34	3/2/2015	97.59	6.14	6.05	0.09	91.52	--
MW-34	3/9/2015	97.59	6.72	6.38	0.34	91.13	--
MW-34	3/16/2015	97.59	6.56	6.18	0.38	91.31	--
MW-34	3/23/2015	97.59	6.62	5.93	0.69	91.49	--
MW-34	3/30/2015	97.59	6.75	6.00	0.75	91.40	--
MW-34	4/6/2015	97.59	6.96	6.47	0.49	91.00	--
MW-34	4/7/2015	97.59	6.88	6.59	0.29	90.93	--
MW-34	4/22/2015	97.59	7.87	6.98	0.89	90.39	--
MW-34	5/4/2015	97.59	9.31	6.99	2.32	90.02	--
MW-34	5/18/2015	97.59	10.05	8.64	1.41	88.60	--
MW-34	6/1/2015	97.59	10.78	9.25	1.53	87.96	--
MW-34	6/15/2015	97.59	9.56	7.92	1.64	89.26	--
MW-34	6/19/2015	97.59	9.12	9.08	0.04	88.50	--
MW-34	6/29/2015	97.59	9.77	9.57	0.20	87.97	--
MW-34	7/13/2015	97.59	10.30	9.93	0.37	87.57	--
MW-34	7/28/2015	97.59	10.85	10.03	0.82	87.35	--
MW-34	8/10/2015	97.59	11.62	10.37	1.25	86.91	--
MW-34	8/24/2015	97.59	11.54	10.49	1.05	86.84	--
MW-34	9/8/2015	97.59	11.62	10.42	1.20	86.87	--
MW-34	9/21/2015	97.59	9.09	9.08	0.01	88.51	--
MW-34	10/5/2015	97.59	--	--	--	--	WI
MW-34	10/12/2015	97.59	10.87	8.91	1.96	88.19	--
MW-34	10/19/2015	97.59	10.86	8.90	1.96	88.20	--

TABLE 2
Groundwater Gauging Data
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-34	11/2/2015	97.59	10.57	8.50	2.07	88.57	--
MW-34	11/16/2015	97.59	10.35	8.22	2.13	88.84	--
MW-34	11/30/2015	97.59	8.96	6.89	2.07	90.18	--
MW-34	1/18/2016	97.59	6.66	5.66	1.00	91.68	NS
MW-34	2/1/2016	97.59	5.00	4.77	0.23	92.76	--
MW-34	2/15/2016	97.59	3.58	3.56	0.02	94.03	--
MW-34	3/7/2016	97.59	6.26	NP	--	91.33	--
MW-34	3/29/2016	97.59	4.95	4.93	0.02	92.66	--
MW-34	4/5/2016	97.59	5.36	NP	--	92.23	--
MW-34	4/19/2016	97.59	6.15	6.08	0.07	91.49	--
MW-34	5/10/2016	97.59	6.86	6.74	0.12	90.82	--
MW-34	5/24/2016	97.59	7.48	7.32	0.16	90.23	--
MW-34	6/7/2016	97.59	7.44	7.37	0.07	90.20	--
MW-34	6/21/2016	97.59	7.23	7.21	0.02	90.37	--
MW-34	7/19/2016	97.59	8.05	8.01	0.04	89.57	--
MW-34	8/23/2016	97.59	--	--	--	--	NG
MW-34	9/20/2016	97.59	--	--	--	--	WI
MW-34	11/8/2016	97.59	8.37	6.62	1.75	90.53	--
MW-34	12/6/2016	97.59	6.36	6.35	0.01	91.24	--

TABLE 2
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Allen Pump Station
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-35	12/22/2014	96.20	2.22	NP	--	93.98	--
MW-35	12/29/2014	96.20	2.46	NP	--	93.74	--
MW-35	1/5/2015	96.20	0.83	NP	--	95.37	--
MW-35	1/12/2015	96.20	1.84	NP	--	94.36	--
MW-35	1/14/2015	96.20	1.84	NP	--	94.36	--
MW-35	1/19/2015	96.20	1.67	NP	--	94.53	--
MW-35	1/26/2015	96.20	1.67	NP	--	94.53	--
MW-35	2/2/2015	96.20	2.34	NP	--	93.86	--
MW-35	2/9/2015	96.20	1.50	NP	--	94.70	--
MW-35	2/16/2015	96.20	1.85	NP	--	94.35	--
MW-35	2/23/2015	96.20	2.45	NP	--	93.75	--
MW-35	3/2/2015	96.20	2.29	NP	--	93.91	--
MW-35	3/9/2015	96.20	3.84	NP	--	92.36	--
MW-35	3/16/2015	96.20	2.08	NP	--	94.12	--
MW-35	3/23/2015	96.20	1.86	NP	--	94.34	--
MW-35	3/30/2015	96.20	2.11	NP	--	94.09	--
MW-35	4/6/2015	96.20	2.85	NP	--	93.35	--
MW-35	4/22/2015	96.20	3.92	NP	--	92.28	--
MW-35	5/4/2015	96.20	4.00	NP	--	92.20	--
MW-35	5/18/2015	96.20	4.61	NP	--	91.59	--
MW-35	6/1/2015	96.20	5.28	NP	--	90.92	--
MW-35	6/15/2015	96.20	5.69	NP	--	90.51	--
MW-35	6/19/2015	96.20	5.84	NP	--	90.36	--
MW-35	6/29/2015	96.20	6.16	NP	--	90.04	--
MW-35	7/13/2015	96.20	6.48	NP	--	89.72	--
MW-35	7/28/2015	96.20	6.81	NP	--	89.39	--
MW-35	8/10/2015	96.20	7.07	7.06	0.01	89.14	--
MW-35	8/24/2015	96.20	7.35	NP	--	88.85	--
MW-35	9/8/2015	96.20	6.75	NP	--	89.45	--
MW-35	9/21/2015	96.20	6.68	NP	--	89.52	--
MW-35	10/5/2015	96.20	--	--	--	--	NG
MW-35	10/12/2015	96.20	7.00	NP	--	89.20	--
MW-35	10/19/2015	96.20	7.39	NP	--	88.81	--
MW-35	11/2/2015	96.20	--	--	--	--	WI
MW-35	11/16/2015	96.20	--	--	--	--	WI
MW-35	11/30/2015	96.20	--	--	--	--	--
MW-35	1/18/2016	96.20	1.95	NP	--	94.25	--
MW-35	2/1/2016	96.20	1.83	NP	--	94.37	--
MW-35	2/15/2016	96.20	--	--	--	--	NG
MW-35	3/7/2016	96.20	2.17	NP	--	94.03	--
MW-35	3/29/2016	96.20	1.98	NP	--	94.22	--

TABLE 2
Groundwater Gauging Data
Allen Pump Station
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-35	4/5/2016	96.20	2.00	NP	--	94.20	--
MW-35	4/19/2016	96.20	2.45	NP	--	93.75	--
MW-35	5/10/2016	96.20	4.00	NP	--	92.20	--
MW-35	5/24/2016	96.20	4.45	NP	--	91.75	--
MW-35	6/7/2016	96.20	4.80	NP	--	91.40	--
MW-35	6/21/2016	96.20	4.38	NP	--	91.82	--
MW-35	7/19/2016	96.20	5.50	NP	--	90.70	--
MW-35	8/23/2016	96.20	6.49	NP	--	89.71	--
MW-35	9/20/2016	96.20	5.76	NP	--	90.44	--
MW-35	11/8/2016	96.20	2.26	NP	--	93.94	--
MW-35	12/6/2016	96.20	1.78	NP	--	94.42	--

TABLE 2
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-36	12/22/2014	96.35	2.11	NP	--	94.24	--
MW-36	12/29/2014	96.35	1.78	NP	--	94.57	--
MW-36	1/5/2015	96.35	0.74	NP	--	95.61	--
MW-36	1/12/2015	96.35	1.81	NP	--	94.54	--
MW-36	1/19/2015	96.35	1.68	NP	--	94.67	--
MW-36	1/26/2015	96.35	1.52	NP	--	94.83	--
MW-36	2/2/2015	96.35	2.18	NP	--	94.17	--
MW-36	2/9/2015	96.35	1.42	NP	--	94.93	--
MW-36	2/16/2015	96.35	1.81	NP	--	94.54	--
MW-36	2/23/2015	96.35	2.35	NP	--	94.00	--
MW-36	3/2/2015	96.35	2.24	NP	--	94.11	--
MW-36	3/9/2015	96.35	2.88	NP	--	93.47	--
MW-36	3/16/2015	96.35	2.19	NP	--	94.16	--
MW-36	3/23/2015	96.35	1.85	NP	--	94.50	--
MW-36	3/30/2015	96.35	2.04	NP	--	94.31	--
MW-36	4/6/2015	96.35	2.82	NP	--	93.53	--
MW-36	4/22/2015	96.35	3.93	NP	--	92.42	--
MW-36	5/4/2015	96.35	4.10	NP	--	92.25	--
MW-36	5/18/2015	96.35	4.57	NP	--	91.78	--
MW-36	6/1/2015	96.35	5.24	NP	--	91.11	--
MW-36	6/15/2015	96.35	6.67	NP	--	89.68	--
MW-36	6/19/2015	96.35	5.78	NP	--	90.57	--
MW-36	6/29/2015	96.35	6.10	NP	--	90.25	--
MW-36	7/13/2015	96.35	6.42	NP	--	89.93	--
MW-36	7/28/2015	96.35	6.72	NP	--	89.63	--
MW-36	8/10/2015	96.35	6.94	NP	--	89.41	--
MW-36	8/24/2015	96.35	7.20	NP	--	89.15	--
MW-36	9/8/2015	96.35	6.81	NP	--	89.54	--
MW-36	9/21/2015	96.35	6.62	NP	--	89.73	--
MW-36	10/5/2015	96.35	6.71	NP	--	89.64	--
MW-36	10/12/2015	96.35	6.75	NP	--	89.60	--
MW-36	10/19/2015	96.35	6.83	NP	--	89.52	--
MW-36	11/2/2015	96.35	6.53	NP	--	89.82	--
MW-36	11/16/2015	96.35	4.02	NP	--	92.33	--
MW-36	11/30/2015	96.35	4.40	NP	--	91.95	--
MW-36	1/18/2016	96.35	2.36	NP	--	93.99	--
MW-36	2/1/2016	96.35	1.60	NP	--	94.75	--
MW-36	2/15/2016	96.35	0.60	NP	--	95.75	--
MW-36	3/7/2016	96.35	2.30	NP	--	94.05	--
MW-36	3/29/2016	96.35	1.79	NP	--	94.56	--
MW-36	4/5/2016	96.35	2.02	NP	--	94.33	--

TABLE 2
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-36	4/19/2016	96.35	2.95	NP	--	93.40	--
MW-36	5/10/2016	96.35	4.12	4.07	0.05	92.27	--
MW-36	5/24/2016	96.35	4.57	4.53	0.04	91.81	--
MW-36	6/7/2016	96.35	4.91	4.84	0.07	91.49	--
MW-36	6/21/2016	96.35	4.45	NP	--	91.90	--
MW-36	7/19/2016	96.35	5.55	NP	--	90.80	--
MW-36	8/23/2016	96.35	6.52	6.46	0.06	89.88	--
MW-36	9/20/2016	96.35	5.81	NP	--	90.54	--
MW-36	11/8/2016	96.35	2.48	NP	--	93.87	--
MW-36	12/6/2016	96.35	1.85	NP	--	94.50	--

TABLE 2
Groundwater Gauging Data
Allen Pump Station
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Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-37	11/17/2014	--	8.82	NP	--	--	--
MW-37	11/18/2014	--	8.88	NP	--	--	--
MW-37	11/19/2014	--	8.87	NP	--	--	--
MW-37	12/1/2014	97.68	6.36	NP	--	91.32	--
MW-37	12/8/2014	97.68	6.70	NP	--	90.98	--
MW-37	12/15/2014	97.68	6.27	NP	--	91.41	--
MW-37	12/22/2014	97.68	5.81	NP	--	91.87	--
MW-37	12/29/2014	97.68	6.02	NP	--	91.66	--
MW-37	1/5/2015	97.68	5.07	NP	--	92.61	--
MW-37	1/12/2015	97.68	5.76	NP	--	91.92	--
MW-37	1/13/2015	97.68	5.76	NP	--	91.92	--
MW-37	1/19/2015	97.68	5.78	NP	--	91.90	--
MW-37	1/26/2015	97.68	5.73	NP	--	91.95	--
MW-37	2/2/2015	97.68	6.23	NP	--	91.45	--
MW-37	2/9/2015	97.68	5.74	NP	--	91.94	--
MW-37	2/16/2015	97.68	5.90	NP	--	91.78	--
MW-37	2/23/2015	97.68	6.27	NP	--	91.41	--
MW-37	3/2/2015	97.68	6.35	NP	--	91.33	--
MW-37	3/9/2015	97.68	6.71	NP	--	90.97	--
MW-37	3/16/2015	97.68	6.42	NP	--	91.26	--
MW-37	3/23/2015	97.68	6.32	NP	--	91.36	--
MW-37	3/30/2015	97.68	6.42	NP	--	91.26	--
MW-37	4/6/2015	97.68	6.81	NP	--	90.87	--
MW-37	4/22/2015	97.68	7.31	NP	--	90.37	--
MW-37	5/4/2015	97.68	7.68	NP	--	90.00	--
MW-37	5/18/2015	97.68	7.90	NP	--	89.78	--
MW-37	6/1/2015	97.68	8.08	NP	--	89.60	--
MW-37	6/15/2015	97.68	8.21	NP	--	89.47	--
MW-37	6/19/2015	97.68	8.24	NP	--	89.44	--
MW-37	6/29/2015	97.68	8.60	NP	--	89.08	--
MW-37	7/13/2015	97.68	8.86	NP	--	88.82	--
MW-37	7/28/2015	97.68	9.01	NP	--	88.67	--
MW-37	8/10/2015	97.68	9.41	NP	--	88.27	--
MW-37	8/24/2015	97.68	9.54	NP	--	88.14	--
MW-37	9/8/2015	97.68	9.31	NP	--	88.37	--
MW-37	9/21/2015	97.68	9.24	NP	--	88.44	--
MW-37	10/5/2015	97.68	9.26	NP	--	88.42	--
MW-37	10/12/2015	97.68	9.20	NP	--	88.48	--
MW-37	10/19/2015	97.68	9.25	NP	--	88.43	--
MW-37	11/2/2015	97.68	8.80	NP	--	88.88	--
MW-37	11/16/2015	97.68	7.63	NP	--	90.05	--

TABLE 2
Groundwater Gauging Data
Allen Pump Station
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Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-37	11/30/2015	97.68	7.12	NP	--	90.56	--
MW-37	1/18/2016	97.68	6.20	NP	--	91.48	--
MW-37	2/1/2016	97.68	5.60	NP	--	92.08	--
MW-37	2/15/2016	97.68	4.95	NP	--	92.73	--
MW-37	3/7/2016	97.68	5.72	NP	--	91.96	--
MW-37	3/29/2016	97.68	5.73	NP	--	91.95	--
MW-37	4/5/2016	97.68	--	--	--	--	NG
MW-37	4/19/2016	97.68	6.35	NP	--	91.33	--
MW-37	5/10/2016	97.68	6.92	NP	--	90.76	--
MW-37	5/24/2016	97.68	7.21	NP	--	90.47	--
MW-37	6/7/2016	97.68	7.54	NP	--	90.14	--
MW-37	6/21/2016	97.68	7.37	NP	--	90.31	--
MW-37	7/19/2016	97.68	8.03	NP	--	89.65	--
MW-37	8/23/2016	97.68	8.88	NP	--	88.80	--
MW-37	9/20/2016	97.68	8.35	NP	--	89.33	--
MW-37	11/8/2016	97.68	7.80	NP	--	89.88	--
MW-37	12/6/2016	97.68	6.94	NP	--	90.74	--

TABLE 2
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-38	11/17/2014	--	7.93	NP	--	--	--
MW-38	11/18/2014	--	7.96	NP	--	--	--
MW-38	11/19/2014	--	7.95	NP	--	--	--
MW-38	12/1/2014	97.39	6.47	NP	--	90.92	--
MW-38	12/8/2014	97.39	6.24	NP	--	91.15	--
MW-38	12/15/2014	97.39	5.91	NP	--	91.48	--
MW-38	12/22/2014	97.39	5.66	NP	--	91.73	--
MW-38	12/29/2014	97.39	5.13	NP	--	92.26	--
MW-38	1/5/2015	97.39	4.59	NP	--	92.80	--
MW-38	1/12/2015	97.39	4.35	NP	--	93.04	--
MW-38	1/13/2015	97.39	4.35	NP	--	93.04	--
MW-38	1/19/2015	97.39	4.25	NP	--	93.14	--
MW-38	1/26/2015	97.39	4.07	NP	--	93.32	--
MW-38	2/2/2015	97.39	4.44	NP	--	92.95	--
MW-38	2/9/2015	97.39	4.12	NP	--	93.27	--
MW-38	2/16/2015	97.39	4.11	NP	--	93.28	--
MW-38	2/23/2015	97.39	4.53	NP	--	92.86	--
MW-38	3/2/2015	97.39	4.65	NP	--	92.74	--
MW-38	3/9/2015	97.39	4.98	NP	--	92.41	--
MW-38	3/16/2015	97.39	4.92	NP	--	92.47	--
MW-38	3/23/2015	97.39	4.76	NP	--	92.63	--
MW-38	3/30/2015	97.39	4.76	NP	--	92.63	--
MW-38	4/6/2015	97.39	5.13	NP	--	92.26	--
MW-38	4/22/2015	97.39	5.66	NP	--	91.73	--
MW-38	5/4/2015	97.39	5.88	NP	--	91.51	--
MW-38	5/18/2015	97.39	6.19	NP	--	91.20	--
MW-38	6/1/2015	97.39	6.52	NP	--	90.87	--
MW-38	6/15/2015	97.39	6.82	NP	--	90.57	--
MW-38	6/19/2015	97.39	6.90	NP	--	90.49	--
MW-38	6/29/2015	97.39	7.15	NP	--	90.24	--
MW-38	7/13/2015	97.39	7.41	NP	--	89.98	--
MW-38	8/10/2015	97.39	8.14	NP	--	89.25	--
MW-38	8/24/2015	97.39	8.45	NP	--	88.94	--
MW-38	9/8/2015	97.39	8.45	NP	--	88.94	--
MW-38	9/21/2015	97.39	8.53	NP	--	88.86	--
MW-38	10/5/2015	97.39	8.63	NP	--	88.76	--
MW-38	10/12/2015	97.39	8.65	NP	--	88.74	--
MW-38	10/19/2015	97.39	8.68	NP	--	88.71	--
MW-38	11/2/2015	97.39	8.45	NP	--	88.94	--
MW-38	11/16/2015	97.39	7.73	NP	--	89.66	--
MW-38	11/30/2015	97.39	7.28	NP	--	90.11	--

TABLE 2
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-38	1/18/2016	97.39	4.98	NP	--	92.41	--
MW-38	2/1/2016	97.39	4.40	NP	--	92.99	--
MW-38	2/15/2016	97.39	3.80	NP	--	93.59	--
MW-38	3/7/2016	97.39	4.22	NP	--	93.17	--
MW-38	3/29/2016	97.39	4.23	NP	--	93.16	--
MW-38	4/5/2016	97.39	--	--	--	--	NG
MW-38	4/19/2016	97.39	4.93	NP	--	92.46	--
MW-38	5/10/2016	97.39	5.56	NP	--	91.83	--
MW-38	5/24/2016	97.39	5.87	NP	--	91.52	--
MW-38	6/7/2016	97.39	6.15	NP	--	91.24	--
MW-38	6/21/2016	97.39	6.32	NP	--	91.07	--
MW-38	7/19/2016	97.39	6.74	NP	--	90.65	--
MW-38	8/23/2016	97.39	7.43	NP	--	89.96	--
MW-38	9/20/2016	97.39	7.61	NP	--	89.78	--
MW-38	11/8/2016	97.39	7.14	NP	--	90.25	--
MW-38	12/6/2016	97.39	6.30	NP	--	91.09	--

TABLE 2
Groundwater Gauging Data
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-39	11/17/2014	--	8.36	NP	--	--	--
MW-39	11/18/2014	--	8.38	NP	--	--	--
MW-39	11/19/2014	--	8.35	NP	--	--	--
MW-39	12/1/2014	97.54	6.71	NP	--	90.83	--
MW-39	12/8/2014	97.54	6.50	NP	--	91.04	--
MW-39	12/15/2014	97.54	6.11	NP	--	91.43	--
MW-39	12/22/2014	97.54	6.39	NP	--	91.15	--
MW-39	12/29/2014	97.54	5.27	NP	--	92.27	--
MW-39	1/5/2015	97.54	4.00	NP	--	93.54	--
MW-39	1/12/2015	97.54	4.48	NP	--	93.06	--
MW-39	1/13/2015	97.54	4.48	NP	--	93.06	--
MW-39	1/19/2015	97.54	4.22	NP	--	93.32	--
MW-39	1/26/2015	97.54	4.17	NP	--	93.37	--
MW-39	2/2/2015	97.54	4.68	NP	--	92.86	--
MW-39	2/9/2015	97.54	4.21	NP	--	93.33	--
MW-39	2/16/2015	97.54	4.30	NP	--	93.24	--
MW-39	2/23/2015	97.54	4.74	NP	--	92.80	--
MW-39	3/2/2015	97.54	4.82	NP	--	92.72	--
MW-39	3/9/2015	97.54	5.18	NP	--	92.36	--
MW-39	3/16/2015	97.54	4.97	NP	--	92.57	--
MW-39	3/23/2015	97.54	4.95	NP	--	92.59	--
MW-39	3/30/2015	97.54	4.98	NP	--	92.56	--
MW-39	4/6/2015	97.54	5.33	NP	--	92.21	--
MW-39	4/22/2015	97.54	5.90	NP	--	91.64	--
MW-39	5/4/2015	97.54	6.12	NP	--	91.42	--
MW-39	5/18/2015	97.54	6.44	NP	--	91.10	--
MW-39	6/1/2015	97.54	6.78	NP	--	90.76	--
MW-39	6/15/2015	97.54	7.06	NP	--	90.48	--
MW-39	6/19/2015	97.54	7.14	NP	--	90.40	--
MW-39	6/29/2015	97.54	7.40	NP	--	90.14	--
MW-39	7/13/2015	97.54	7.67	NP	--	89.87	--
MW-39	7/28/2015	97.54	8.02	NP	--	89.52	--
MW-39	8/10/2015	97.54	8.33	NP	--	89.21	--
MW-39	8/24/2015	97.54	8.62	NP	--	88.92	--
MW-39	9/8/2015	97.54	8.46	NP	--	89.08	--
MW-39	9/21/2015	97.54	8.56	NP	--	88.98	--
MW-39	10/5/2015	97.54	8.81	NP	--	88.73	--
MW-39	10/12/2015	97.54	8.80	NP	--	88.74	--
MW-39	10/19/2015	97.54	8.84	NP	--	88.70	--
MW-39	11/2/2015	97.54	8.51	NP	--	89.03	--
MW-39	11/16/2015	97.54	7.82	NP	--	89.72	--

TABLE 2
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-39	11/30/2015	97.54	7.46	NP	--	90.08	--
MW-39	1/18/2016	97.54	5.24	NP	--	92.30	--
MW-39	2/1/2016	97.54	4.65	NP	--	92.89	--
MW-39	2/15/2016	97.54	3.12	NP	--	94.42	--
MW-39	3/7/2016	97.54	4.24	NP	--	93.30	--
MW-39	3/29/2016	97.54	4.23	NP	--	93.31	--
MW-39	4/5/2016	97.54	--	--	--	--	NG
MW-39	4/19/2016	97.54	5.16	NP	--	92.38	--
MW-39	5/10/2016	97.54	5.80	NP	--	91.74	--
MW-39	5/24/2016	97.54	6.16	NP	--	91.38	--
MW-39	6/7/2016	97.54	6.45	NP	--	91.09	--
MW-39	6/21/2016	97.54	6.63	NP	--	90.91	--
MW-39	7/19/2016	97.54	7.01	NP	--	90.53	--
MW-39	8/23/2016	97.54	7.75	NP	--	89.79	--
MW-39	9/20/2016	97.54	7.92	NP	--	89.62	--
MW-39	11/8/2016	97.54	7.43	NP	--	90.11	--
MW-39	12/6/2016	97.54	6.65	NP	--	90.89	--

TABLE 2
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-40	11/18/2014	--	7.72	NP	--	--	--
MW-40	11/19/2014	--	7.75	NP	--	--	--
MW-40	12/1/2014	97.98	5.99	NP	--	91.99	--
MW-40	12/8/2014	97.98	5.97	NP	--	92.01	--
MW-40	12/15/2014	97.98	5.52	NP	--	92.46	--
MW-40	12/22/2014	97.98	5.44	NP	--	92.54	--
MW-40	12/29/2014	97.98	5.03	NP	--	92.95	--
MW-40	1/5/2015	97.98	4.83	NP	--	93.15	--
MW-40	1/12/2015	97.98	4.58	NP	--	93.40	--
MW-40	1/19/2015	97.98	4.70	NP	--	93.28	--
MW-40	1/26/2015	97.98	4.38	NP	--	93.60	--
MW-40	2/2/2015	97.98	4.85	NP	--	93.13	--
MW-40	2/9/2015	97.98	4.29	NP	--	93.69	--
MW-40	2/16/2015	97.98	4.49	NP	--	93.49	--
MW-40	2/23/2015	97.98	4.90	NP	--	93.08	--
MW-40	3/2/2015	97.98	5.01	NP	--	92.97	--
MW-40	3/9/2015	97.98	5.54	NP	--	92.44	--
MW-40	3/16/2015	97.98	5.42	NP	--	92.56	--
MW-40	3/23/2015	97.98	5.03	NP	--	92.95	--
MW-40	3/30/2015	97.98	5.06	NP	--	92.92	--
MW-40	4/6/2015	97.98	5.46	NP	--	92.52	--
MW-40	4/22/2015	97.98	6.08	NP	--	91.90	--
MW-40	5/4/2015	97.98	6.31	NP	--	91.67	--
MW-40	5/18/2015	97.98	6.60	NP	--	91.38	--
MW-40	6/1/2015	97.98	6.98	NP	--	91.00	--
MW-40	6/15/2015	97.98	7.22	NP	--	90.76	--
MW-40	6/19/2015	97.98	7.30	NP	--	90.68	--
MW-40	6/29/2015	97.98	7.50	NP	--	90.48	--
MW-40	7/13/2015	97.98	7.72	NP	--	90.26	--
MW-40	7/28/2015	97.98	7.96	NP	--	90.02	--
MW-40	8/10/2015	97.98	8.22	NP	--	89.76	--
MW-40	8/24/2015	97.98	8.43	NP	--	89.55	--
MW-40	9/8/2015	97.98	8.57	NP	--	89.41	--
MW-40	9/21/2015	97.98	8.60	NP	--	89.38	--
MW-40	10/5/2015	97.98	8.66	NP	--	89.32	--
MW-40	10/12/2015	97.98	8.71	NP	--	89.27	--
MW-40	10/19/2015	97.98	8.76	NP	--	89.22	--
MW-40	11/2/2015	97.98	8.67	NP	--	89.31	--
MW-40	11/16/2015	97.98	7.51	NP	--	90.47	--
MW-40	11/30/2015	97.98	6.55	NP	--	91.43	--
MW-40	1/18/2016	97.98	5.19	NP	--	92.79	--

TABLE 2
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-40	2/1/2016	97.98	4.54	NP	--	93.44	--
MW-40	2/15/2016	97.98	4.33	NP	--	93.65	--
MW-40	3/7/2016	97.98	4.54	NP	--	93.44	--
MW-40	3/29/2016	97.98	4.59	NP	--	93.39	--
MW-40	4/5/2016	97.98	--	--	--	--	NG
MW-40	4/19/2016	97.98	5.28	NP	--	92.70	--
MW-40	5/10/2016	97.98	5.90	NP	--	92.08	--
MW-40	5/24/2016	97.98	6.37	NP	--	91.61	--
MW-40	6/7/2016	97.98	6.68	NP	--	91.30	--
MW-40	6/21/2016	97.98	6.76	NP	--	91.22	--
MW-40	7/19/2016	97.98	7.19	NP	--	90.79	--
MW-40	8/23/2016	97.98	7.80	NP	--	90.18	--
MW-40	9/20/2016	97.98	7.89	NP	--	90.09	--
MW-40	11/8/2016	97.98	6.77	NP	--	91.21	--
MW-40	12/6/2016	97.98	5.59	NP	--	92.39	--

TABLE 2
Groundwater Gauging Data
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-41	11/18/2014	--	5.92	NP	--	--	--
MW-41	11/19/2014	--	6.04	NP	--	--	--
MW-41	12/1/2014	98.28	3.71	NP	--	94.57	--
MW-41	12/8/2014	98.28	3.97	NP	--	94.31	--
MW-41	12/15/2014	98.28	3.48	NP	--	94.80	--
MW-41	12/22/2014	98.28	3.33	NP	--	94.95	--
MW-41	12/29/2014	98.28	3.01	NP	--	95.27	--
MW-41	1/5/2015	98.28	2.35	NP	--	95.93	--
MW-41	1/12/2015	98.28	3.28	NP	--	95.00	--
MW-41	1/19/2015	98.28	3.01	NP	--	95.27	--
MW-41	1/26/2015	98.28	2.84	NP	--	95.44	--
MW-41	2/2/2015	98.28	3.73	NP	--	94.55	--
MW-41	2/9/2015	98.28	2.71	NP	--	95.57	--
MW-41	2/16/2015	98.28	3.25	NP	--	95.03	--
MW-41	2/23/2015	98.28	3.84	NP	--	94.44	--
MW-41	3/2/2015	98.28	4.65	NP	--	93.63	--
MW-41	3/9/2015	98.28	4.55	NP	--	93.73	--
MW-41	3/16/2015	98.28	3.11	NP	--	95.17	--
MW-41	3/23/2015	98.28	3.31	NP	--	94.97	--
MW-41	3/30/2015	98.28	3.78	NP	--	94.50	--
MW-41	4/6/2015	98.28	4.74	NP	--	93.54	--
MW-41	4/22/2015	98.28	6.22	NP	--	92.06	--
MW-41	5/4/2015	98.28	6.54	NP	--	91.74	--
MW-41	5/18/2015	98.28	7.09	NP	--	91.19	--
MW-41	6/1/2015	98.28	7.81	NP	--	90.47	--
MW-41	6/15/2015	98.28	8.28	NP	--	90.00	--
MW-41	6/19/2015	98.28	8.45	NP	--	89.83	--
MW-41	6/29/2015	98.28	8.80	NP	--	89.48	--
MW-41	7/13/2015	98.28	9.16	NP	--	89.12	--
MW-41	7/28/2015	98.28	9.48	NP	--	88.80	--
MW-41	8/10/2015	98.28	9.82	NP	--	88.46	--
MW-41	8/24/2015	98.28	10.05	NP	--	88.23	--
MW-41	9/8/2015	98.28	9.44	NP	--	88.84	--
MW-41	9/21/2015	98.28	9.34	NP	--	88.94	--
MW-41	10/5/2015	98.28	9.44	NP	--	88.84	--
MW-41	10/12/2015	98.28	9.46	NP	--	88.82	--
MW-41	10/19/2015	98.28	9.49	NP	--	88.79	--
MW-41	11/2/2015	98.28	7.35	NP	--	90.93	--
MW-41	11/16/2015	98.28	3.60	NP	--	94.68	--
MW-41	11/30/2015	98.28	5.70	NP	--	92.58	--
MW-41	1/18/2016	98.28	3.45	NP	--	94.83	--

TABLE 2
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-41	2/1/2016	98.28	2.79	NP	--	95.49	--
MW-41	2/15/2016	98.28	2.38	NP	--	95.90	--
MW-41	3/7/2016	98.28	3.25	NP	--	95.03	--
MW-41	3/29/2016	98.28	3.24	NP	--	95.04	--
MW-41	4/5/2016	98.28	3.45	NP	--	94.83	--
MW-41	4/19/2016	98.28	5.07	NP	--	93.21	--
MW-41	5/10/2016	98.28	6.59	NP	--	91.69	--
MW-41	5/24/2016	98.28	6.98	NP	--	91.30	--
MW-41	6/7/2016	98.28	7.45	NP	--	90.83	--
MW-41	6/21/2016	98.28	6.83	NP	--	91.45	--
MW-41	7/19/2016	98.28	8.18	NP	--	90.10	--
MW-41	8/23/2016	98.28	9.16	NP	--	89.12	--
MW-41	9/20/2016	98.28	8.31	NP	--	89.97	--
MW-41	11/8/2016	98.28	3.79	NP	--	94.49	--
MW-41	12/6/2016	98.28	3.29	NP	--	94.99	--

TABLE 2
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-42	11/18/2014	--	5.74	NP	--	--	--
MW-42	11/19/2014	--	5.53	NP	--	--	--
MW-42	12/1/2014	97.88	3.57	NP	--	94.31	--
MW-42	12/8/2014	97.88	3.64	NP	--	94.24	--
MW-42	12/15/2014	97.88	3.18	NP	--	94.70	--
MW-42	12/22/2014	97.88	3.16	NP	--	94.72	--
MW-42	12/29/2014	97.88	2.93	NP	--	94.95	--
MW-42	1/5/2015	97.88	2.16	NP	--	95.72	--
MW-42	1/12/2015	97.88	3.02	NP	--	94.86	--
MW-42	1/19/2015	97.88	2.66	NP	--	95.22	--
MW-42	1/26/2015	97.88	2.72	NP	--	95.16	--
MW-42	2/2/2015	97.88	3.28	NP	--	94.60	--
MW-42	2/9/2015	97.88	2.66	NP	--	95.22	--
MW-42	2/16/2015	97.88	2.96	NP	--	94.92	--
MW-42	2/23/2015	97.88	3.43	NP	--	94.45	--
MW-42	3/2/2015	97.88	3.29	NP	--	94.59	--
MW-42	3/9/2015	97.88	4.04	NP	--	93.84	--
MW-42	3/16/2015	97.88	2.91	NP	--	94.97	--
MW-42	3/23/2015	97.88	3.03	NP	--	94.85	--
MW-42	3/30/2015	97.88	3.30	NP	--	94.58	--
MW-42	4/6/2015	97.88	4.22	NP	--	93.66	--
MW-42	4/22/2015	97.88	5.57	NP	--	92.31	--
MW-42	5/4/2015	97.88	5.85	NP	--	92.03	--
MW-42	5/18/2015	97.88	6.35	NP	--	91.53	--
MW-42	6/1/2015	97.88	7.08	NP	--	90.80	--
MW-42	6/15/2015	97.88	7.54	NP	--	90.34	--
MW-42	6/19/2015	97.88	7.72	NP	--	90.16	--
MW-42	6/29/2015	97.88	8.00	NP	--	89.88	--
MW-42	7/13/2015	97.88	8.31	NP	--	89.57	--
MW-42	7/28/2015	97.88	8.69	NP	--	89.19	--
MW-42	8/10/2015	97.88	8.98	NP	--	88.90	--
MW-42	8/24/2015	97.88	9.23	NP	--	88.65	--
MW-42	9/8/2015	97.88	8.60	NP	--	89.28	--
MW-42	9/21/2015	97.88	8.55	NP	--	89.33	--
MW-42	10/5/2015	97.88	8.72	NP	--	89.16	--
MW-42	10/12/2015	97.88	8.47	NP	--	89.41	--
MW-42	10/19/2015	97.88	8.97	NP	--	88.91	--
MW-42	11/2/2015	97.88	7.99	NP	--	89.89	--
MW-42	11/16/2015	97.88	4.82	NP	--	93.06	--
MW-42	11/30/2015	97.88	5.94	NP	--	91.94	--
MW-42	1/18/2016	97.88	3.37	NP	--	94.51	--

TABLE 2
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-42	2/1/2016	97.88	2.82	NP	--	95.06	--
MW-42	2/15/2016	97.88	2.08	NP	--	95.80	--
MW-42	3/7/2016	97.88	3.41	NP	--	94.47	--
MW-42	3/29/2016	97.88	3.09	NP	--	94.79	--
MW-42	4/5/2016	97.88	3.22	NP	--	94.66	--
MW-42	4/19/2016	97.88	4.51	NP	--	93.37	--
MW-42	5/10/2016	97.88	5.94	NP	--	91.94	--
MW-42	5/24/2016	97.88	6.25	NP	--	91.63	--
MW-42	6/7/2016	97.88	6.68	NP	--	91.20	--
MW-42	6/21/2016	97.88	6.21	NP	--	91.67	--
MW-42	7/19/2016	97.88	7.42	NP	--	90.46	--
MW-42	8/23/2016	97.88	8.38	NP	--	89.50	--
MW-42	9/20/2016	97.88	7.56	NP	--	90.32	--
MW-42	11/8/2016	97.88	3.50	NP	--	94.38	--
MW-42	12/6/2016	97.88	3.18	NP	--	94.70	--

TABLE 2
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-43	11/18/2014	--	4.67	NP	--	--	--
MW-43	11/19/2014	--	4.79	NP	--	--	--
MW-43	12/1/2014	97.11	2.92	NP	--	94.19	--
MW-43	12/8/2014	97.11	3.06	NP	--	94.05	--
MW-43	12/15/2014	97.11	2.68	NP	--	94.43	--
MW-43	12/22/2014	97.11	2.71	NP	--	94.40	--
MW-43	12/29/2014	97.11	2.56	NP	--	94.55	--
MW-43	1/5/2015	97.11	1.95	NP	--	95.16	--
MW-43	1/12/2015	97.11	2.65	NP	--	94.46	--
MW-43	1/19/2015	97.11	2.31	NP	--	94.80	--
MW-43	1/26/2015	97.11	2.37	NP	--	94.74	--
MW-43	2/2/2015	97.11	2.81	NP	--	94.30	--
MW-43	2/9/2015	97.11	2.27	NP	--	94.84	--
MW-43	2/16/2015	97.11	2.57	NP	--	94.54	--
MW-43	2/23/2015	97.11	2.97	NP	--	94.14	--
MW-43	3/2/2015	97.11	2.86	NP	--	94.25	--
MW-43	3/9/2015	97.11	3.54	NP	--	93.57	--
MW-43	3/16/2015	97.11	2.62	NP	--	94.49	--
MW-43	3/23/2015	97.11	2.58	NP	--	94.53	--
MW-43	3/30/2015	97.11	2.81	NP	--	94.30	--
MW-43	4/6/2015	97.11	3.72	NP	--	93.39	--
MW-43	4/22/2015	97.11	5.19	NP	--	91.92	--
MW-43	5/4/2015	97.11	5.37	NP	--	91.74	--
MW-43	5/18/2015	97.11	5.88	NP	--	91.23	--
MW-43	6/1/2015	97.11	6.51	NP	--	90.60	--
MW-43	6/15/2015	97.11	6.99	NP	--	90.12	--
MW-43	6/19/2015	97.11	7.15	NP	--	89.96	--
MW-43	6/29/2015	97.11	7.50	NP	--	89.61	--
MW-43	7/13/2015	97.11	7.97	NP	--	89.14	--
MW-43	7/28/2015	97.11	8.32	NP	--	88.79	--
MW-43	8/10/2015	97.11	8.65	NP	--	88.46	--
MW-43	8/24/2015	97.11	8.89	NP	--	88.22	--
MW-43	9/8/2015	97.11	5.32	NP	--	91.79	--
MW-43	9/21/2015	97.11	8.27	NP	--	88.84	--
MW-43	10/5/2015	97.11	8.34	NP	--	88.77	--
MW-43	10/12/2015	97.11	8.40	NP	--	88.71	--
MW-43	10/19/2015	97.11	8.45	NP	--	88.66	--
MW-43	11/2/2015	97.11	7.05	NP	--	90.06	--
MW-43	11/16/2015	97.11	3.50	NP	--	93.61	--
MW-43	11/30/2015	97.11	4.64	NP	--	92.47	--
MW-43	1/18/2016	97.11	2.92	NP	--	94.19	--

TABLE 2
Groundwater Gauging Data
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-43	2/1/2016	97.11	2.42	NP	--	94.69	--
MW-43	2/15/2016	97.11	1.94	NP	--	95.17	--
MW-43	3/7/2016	97.11	2.94	NP	--	94.17	--
MW-43	3/29/2016	97.11	2.57	NP	--	94.54	--
MW-43	4/5/2016	97.11	2.76	NP	--	94.35	--
MW-43	4/19/2016	97.11	4.02	NP	--	93.09	--
MW-43	5/10/2016	97.11	5.47	NP	--	91.64	--
MW-43	5/24/2016	97.11	5.85	NP	--	91.26	--
MW-43	6/7/2016	97.11	6.21	NP	--	90.90	--
MW-43	6/21/2016	97.11	5.71	NP	--	91.40	--
MW-43	7/19/2016	97.11	6.88	NP	--	90.23	--
MW-43	8/23/2016	97.11	8.03	NP	--	89.08	--
MW-43	9/20/2016	97.11	7.03	NP	--	90.08	--
MW-43	11/8/2016	97.11	2.90	NP	--	94.21	--
MW-43	12/6/2016	97.11	2.69	NP	--	94.42	--

TABLE 2
Groundwater Gauging Data
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-44	11/18/2014	--	3.97	NP	--	--	--
MW-44	11/19/2014	--	3.78	NP	--	--	--
MW-44	12/1/2014	96.67	1.97	NP	--	94.70	--
MW-44	12/8/2014	96.67	2.10	NP	--	94.57	--
MW-44	12/15/2014	96.67	1.77	NP	--	94.90	--
MW-44	12/22/2014	96.67	1.78	NP	--	94.89	--
MW-44	12/29/2014	96.67	1.62	NP	--	95.05	--
MW-44	1/5/2015	96.67	1.22	NP	--	95.45	--
MW-44	1/12/2015	96.67	1.70	NP	--	94.97	--
MW-44	1/19/2015	96.67	1.55	NP	--	95.12	--
MW-44	1/26/2015	96.67	1.53	NP	--	95.14	--
MW-44	2/2/2015	96.67	1.86	NP	--	94.81	--
MW-44	2/9/2015	96.67	1.50	NP	--	95.17	--
MW-44	2/16/2015	96.67	1.66	NP	--	95.01	--
MW-44	2/23/2015	96.67	1.99	NP	--	94.68	--
MW-44	3/2/2015	96.67	1.88	NP	--	94.79	--
MW-44	3/9/2015	96.67	2.56	NP	--	94.11	--
MW-44	3/16/2015	96.67	1.74	NP	--	94.93	--
MW-44	3/23/2015	96.67	1.70	NP	--	94.97	--
MW-44	3/30/2015	96.67	1.91	NP	--	94.76	--
MW-44	4/6/2015	96.67	2.80	NP	--	93.87	--
MW-44	4/22/2015	96.67	4.34	NP	--	92.33	--
MW-44	5/4/2015	96.67	4.62	NP	--	92.05	--
MW-44	5/18/2015	96.67	5.12	NP	--	91.55	--
MW-44	6/1/2015	96.67	5.90	NP	--	90.77	--
MW-44	6/15/2015	96.67	6.37	NP	--	90.30	--
MW-44	6/19/2015	96.67	6.55	NP	--	90.12	--
MW-44	6/29/2015	96.67	6.81	NP	--	89.86	--
MW-44	7/13/2015	96.67	7.20	NP	--	89.47	--
MW-44	7/28/2015	96.67	7.53	NP	--	89.14	--
MW-44	8/10/2015	96.67	7.83	NP	--	88.84	--
MW-44	8/24/2015	96.67	8.06	NP	--	88.61	--
MW-44	9/8/2015	96.67	7.77	NP	--	88.90	--
MW-44	9/21/2015	96.67	7.55	NP	--	89.12	--
MW-44	10/5/2015	96.67	7.55	NP	--	89.12	--
MW-44	10/12/2015	96.67	7.58	NP	--	89.09	--
MW-44	10/19/2015	96.67	7.52	NP	--	89.15	--
MW-44	11/2/2015	96.67	5.09	NP	--	91.58	--
MW-44	11/16/2015	96.67	2.25	NP	--	94.42	--
MW-44	11/30/2015	96.67	3.21	NP	--	93.46	--
MW-44	1/18/2016	96.67	2.07	NP	--	94.60	--

TABLE 2
Groundwater Gauging Data
Allen Pump Station
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Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-44	2/1/2016	96.67	1.70	NP	--	94.97	--
MW-44	2/15/2016	96.67	--	--	--	--	WI
MW-44	3/7/2016	96.67	2.09	NP	--	94.58	--
MW-44	3/29/2016	96.67	1.80	NP	--	94.87	--
MW-44	4/5/2016	96.67	1.95	NP	--	94.72	--
MW-44	4/19/2016	96.67	3.18	NP	--	93.49	--
MW-44	5/10/2016	96.67	4.76	NP	--	91.91	--
MW-44	5/24/2016	96.67	5.19	NP	--	91.48	--
MW-44	6/7/2016	96.67	5.62	NP	--	91.05	--
MW-44	6/21/2016	96.67	5.20	NP	--	91.47	--
MW-44	7/19/2016	96.67	6.33	NP	--	90.34	--
MW-44	8/23/2016	96.67	7.29	NP	--	89.38	--
MW-44	9/20/2016	96.67	6.24	NP	--	90.43	--
MW-44	11/8/2016	96.67	1.93	NP	--	94.74	--
MW-44	12/6/2016	96.67	1.88	NP	--	94.79	--

TABLE 2
Groundwater Gauging Data
Allen Pump Station
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-45	11/17/2014	--	8.56	NP	--	--	--
MW-45	11/18/2014	--	8.30	NP	--	--	--
MW-45	11/19/2014	--	8.30	NP	--	--	--
MW-45	12/1/2014	97.23	6.32	NP	--	90.91	--
MW-45	12/8/2014	97.23	6.06	6.05	0.01	91.18	--
MW-45	12/15/2014	97.23	5.80	NP	--	91.43	--
MW-45	12/22/2014	97.23	5.63	NP	--	91.60	--
MW-45	12/29/2014	97.23	5.23	NP	--	92.00	--
MW-45	1/5/2015	97.23	4.66	NP	--	92.57	--
MW-45	1/12/2015	97.23	4.43	NP	--	92.80	--
MW-45	1/13/2015	97.23	4.43	NP	--	92.80	--
MW-45	1/19/2015	97.23	4.42	NP	--	92.81	--
MW-45	1/26/2015	97.23	4.15	NP	--	93.08	--
MW-45	2/2/2015	97.23	4.67	NP	--	92.56	--
MW-45	2/9/2015	97.23	4.15	NP	--	93.08	--
MW-45	2/16/2015	97.23	4.13	NP	--	93.10	--
MW-45	2/23/2015	97.23	4.68	NP	--	92.55	--
MW-45	3/2/2015	97.23	4.88	NP	--	92.35	--
MW-45	3/9/2015	97.23	5.32	NP	--	91.91	--
MW-45	3/16/2015	97.23	5.31	NP	--	91.92	--
MW-45	3/23/2015	97.23	5.11	NP	--	92.12	--
MW-45	3/30/2015	97.23	5.10	NP	--	92.13	--
MW-45	4/6/2015	97.23	5.43	NP	--	91.80	--
MW-45	4/22/2015	97.23	6.12	NP	--	91.11	--
MW-45	5/4/2015	97.23	6.50	NP	--	90.73	--
MW-45	5/18/2015	97.23	6.80	NP	--	90.43	--
MW-45	6/1/2015	97.23	7.15	NP	--	90.08	--
MW-45	6/15/2015	97.23	7.34	NP	--	89.89	--
MW-45	6/19/2015	97.23	7.46	NP	--	89.77	--
MW-45	6/29/2015	97.23	7.82	NP	--	89.41	--
MW-45	7/13/2015	97.23	8.12	NP	--	89.11	--
MW-45	7/28/2015	97.23	8.39	NP	--	88.84	--
MW-45	8/10/2015	97.23	8.78	NP	--	88.45	--
MW-45	8/24/2015	97.23	9.00	NP	--	88.23	--
MW-45	9/8/2015	97.23	8.85	NP	--	88.38	--
MW-45	9/21/2015	97.23	8.83	NP	--	88.40	--
MW-45	10/5/2015	97.23	8.88	NP	--	88.35	--
MW-45	10/12/2015	97.23	8.85	NP	--	88.38	--
MW-45	10/19/2015	97.23	8.87	NP	--	88.36	--
MW-45	11/2/2015	97.23	8.53	NP	--	88.70	--
MW-45	11/16/2015	97.23	7.56	NP	--	89.67	--

TABLE 2
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-45	11/30/2015	97.23	7.00	NP	--	90.23	--
MW-45	1/18/2016	97.23	5.06	NP	--	92.17	--
MW-45	2/1/2016	97.23	4.41	NP	--	92.82	--
MW-45	2/15/2016	97.23	4.01	NP	--	93.22	--
MW-45	3/7/2016	97.23	4.15	NP	--	93.08	--
MW-45	3/29/2016	97.23	4.16	NP	--	93.07	--
MW-45	4/5/2016	97.23	--	--	--	--	NG
MW-45	4/19/2016	97.23	4.97	NP	--	92.26	--
MW-45	5/10/2016	97.23	--	--	--	--	WI
MW-45	5/24/2016	97.23	6.10	NP	--	91.13	--
MW-45	6/7/2016	97.23	6.53	NP	--	90.70	--
MW-45	6/21/2016	97.23	6.65	NP	--	90.58	--
MW-45	7/19/2016	97.23	7.15	NP	--	90.08	--
MW-45	8/23/2016	97.23	7.98	NP	--	89.25	--
MW-45	9/20/2016	97.23	--	--	--	--	NG
MW-45	11/8/2016	97.23	7.16	NP	--	90.07	--
MW-45	12/6/2016	97.23	6.10	NP	--	91.13	--

TABLE 2
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-47	12/22/2014	97.42	5.69	NP	--	91.73	--
MW-47	12/29/2014	97.42	5.14	NP	--	92.28	--
MW-47	1/5/2015	97.42	4.38	NP	--	93.04	--
MW-47	1/12/2015	97.42	4.34	NP	--	93.08	--
MW-47	1/13/2015	97.42	4.34	NP	--	93.08	--
MW-47	1/19/2015	97.42	4.16	NP	--	93.26	--
MW-47	1/26/2015	97.42	4.04	NP	--	93.38	--
MW-47	2/2/2015	97.42	4.46	NP	--	92.96	--
MW-47	2/9/2015	97.42	4.06	NP	--	93.36	--
MW-47	2/16/2015	97.42	4.12	NP	--	93.30	--
MW-47	2/23/2015	97.42	4.53	NP	--	92.89	--
MW-47	3/2/2015	97.42	4.64	NP	--	92.78	--
MW-47	3/9/2015	97.42	4.99	NP	--	92.43	--
MW-47	3/16/2015	97.42	4.89	NP	--	92.53	--
MW-47	3/23/2015	97.42	4.77	NP	--	92.65	--
MW-47	3/30/2015	97.42	4.76	NP	--	92.66	--
MW-47	4/6/2015	97.42	5.06	NP	--	92.36	--
MW-47	4/22/2015	97.42	5.68	NP	--	91.74	--
MW-47	5/4/2015	97.42	5.93	NP	--	91.49	--
MW-47	5/18/2015	97.42	6.22	NP	--	91.20	--
MW-47	6/1/2015	97.42	6.54	NP	--	90.88	--
MW-47	6/15/2015	97.42	6.80	NP	--	90.62	--
MW-47	6/19/2015	97.42	6.89	NP	--	90.53	--
MW-47	6/29/2015	97.42	7.10	NP	--	90.32	--
MW-47	7/13/2015	97.42	7.35	NP	--	90.07	--
MW-47	7/28/2015	97.42	7.63	NP	--	89.79	--
MW-47	8/10/2015	97.42	7.91	NP	--	89.51	--
MW-47	8/24/2015	97.42	8.16	NP	--	89.26	--
MW-47	9/8/2015	97.42	8.20	NP	--	89.22	--
MW-47	9/21/2015	97.42	8.34	NP	--	89.08	--
MW-47	10/5/2015	97.42	--	--	--	--	NG
MW-47	10/12/2015	97.42	8.52	NP	--	88.90	--
MW-47	10/19/2015	97.42	8.57	NP	--	88.85	--
MW-47	11/2/2015	97.42	8.40	NP	--	89.02	--
MW-47	11/16/2015	97.42	7.97	NP	--	89.45	--
MW-47	11/30/2015	97.42	7.45	NP	--	89.97	--
MW-47	1/18/2016	97.42	--	--	--	--	WI
MW-47	2/1/2016	97.42	--	--	--	--	WI
MW-47	2/15/2016	97.42	3.66	NP	--	93.76	--
MW-47	3/7/2016	97.42	4.33	NP	--	93.09	--
MW-47	3/29/2016	97.42	4.32	NP	--	93.10	--

TABLE 2
Groundwater Gauging Data
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-47	4/5/2016	97.42	--	--	--	--	NG
MW-47	4/19/2016	97.42	5.00	NP	--	92.42	--
MW-47	5/10/2016	97.42	5.64	NP	--	91.78	--
MW-47	5/24/2016	97.42	6.00	NP	--	91.42	--
MW-47	6/7/2016	97.42	6.26	NP	--	91.16	--
MW-47	6/21/2016	97.42	6.46	NP	--	90.96	--
MW-47	7/19/2016	97.42	6.80	NP	--	90.62	--
MW-47	8/23/2016	97.42	7.44	NP	--	89.98	--
MW-47	9/20/2016	97.42	7.68	NP	--	89.74	--
MW-47	11/8/2016	97.42	7.32	NP	--	90.10	--
MW-47	12/6/2016	97.42	6.50	NP	--	90.92	--

TABLE 2
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-48	12/22/2014	97.61	5.90	NP	--	91.71	--
MW-48	12/29/2014	97.61	5.37	NP	--	92.24	--
MW-48	1/5/2015	97.61	4.78	NP	--	92.83	--
MW-48	1/12/2015	97.61	4.55	NP	--	93.06	--
MW-48	1/13/2015	97.61	4.55	NP	--	93.06	--
MW-48	1/19/2015	97.61	4.42	NP	--	93.19	--
MW-48	1/26/2015	97.61	4.24	NP	--	93.37	--
MW-48	2/2/2015	97.61	4.64	NP	--	92.97	--
MW-48	2/9/2015	97.61	4.29	NP	--	93.32	--
MW-48	2/16/2015	97.61	4.30	NP	--	93.31	--
MW-48	2/23/2015	97.61	4.71	NP	--	92.90	--
MW-48	3/2/2015	97.61	4.82	NP	--	92.79	--
MW-48	3/9/2015	97.61	5.16	NP	--	92.45	--
MW-48	3/16/2015	97.61	5.10	NP	--	92.51	--
MW-48	3/23/2015	97.61	4.95	NP	--	92.66	--
MW-48	3/30/2015	97.61	4.95	NP	--	92.66	--
MW-48	4/6/2015	97.61	5.32	NP	--	92.29	--
MW-48	4/22/2015	97.61	5.83	NP	--	91.78	--
MW-48	5/4/2015	97.61	6.05	NP	--	91.56	--
MW-48	5/18/2015	97.61	6.34	NP	--	91.27	--
MW-48	6/1/2015	97.61	6.66	NP	--	90.95	--
MW-48	6/15/2015	97.61	6.91	NP	--	90.70	--
MW-48	6/19/2015	97.61	7.00	NP	--	90.61	--
MW-48	6/29/2015	97.61	7.21	NP	--	90.40	--
MW-48	7/13/2015	97.61	7.45	NP	--	90.16	--
MW-48	7/28/2015	97.61	7.71	NP	--	89.90	--
MW-48	8/10/2015	97.61	7.97	NP	--	89.64	--
MW-48	8/24/2015	97.61	8.22	NP	--	89.39	--
MW-48	9/8/2015	97.61	8.33	NP	--	89.28	--
MW-48	9/21/2015	97.61	8.43	NP	--	89.18	--
MW-48	10/5/2015	97.61	--	--	--	--	NG
MW-48	10/12/2015	97.61	8.61	NP	--	89.00	--
MW-48	10/19/2015	97.61	8.62	NP	--	88.99	--
MW-48	11/2/2015	97.61	8.51	NP	--	89.10	--
MW-48	11/16/2015	97.61	8.08	NP	--	89.53	--
MW-48	11/30/2015	97.61	7.57	NP	--	90.04	--
MW-48	1/18/2016	97.61	5.20	NP	--	92.41	--
MW-48	2/1/2016	97.61	4.61	NP	--	93.00	--
MW-48	2/15/2016	97.61	3.92	NP	--	93.69	--
MW-48	3/7/2016	97.61	4.43	NP	--	93.18	--
MW-48	3/29/2016	97.61	4.42	NP	--	93.19	--

TABLE 2
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-48	4/5/2016	97.61	--	--	--	--	NG
MW-48	4/19/2016	97.61	5.10	NP	--	92.51	--
MW-48	5/10/2016	97.61	5.73	NP	--	91.88	--
MW-48	5/24/2016	97.61	6.06	NP	--	91.55	--
MW-48	6/7/2016	97.61	6.31	NP	--	91.30	--
MW-48	6/21/2016	97.61	6.52	NP	--	91.09	--
MW-48	7/19/2016	97.61	6.86	NP	--	90.75	--
MW-48	8/23/2016	97.61	7.49	NP	--	90.12	--
MW-48	9/20/2016	97.61	7.73	NP	--	89.88	--
MW-48	11/8/2016	97.61	7.38	NP	--	90.23	--
MW-48	12/6/2016	97.61	6.60	NP	--	91.01	--

TABLE 2
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-49	12/22/2014	98.11	6.41	NP	--	91.70	--
MW-49	12/29/2014	98.11	5.92	NP	--	92.19	--
MW-49	1/5/2015	98.11	5.26	NP	--	92.85	--
MW-49	1/12/2015	98.11	5.10	NP	--	93.01	--
MW-49	1/13/2015	98.11	5.10	NP	--	93.01	--
MW-49	1/19/2015	98.11	5.03	NP	--	93.08	--
MW-49	1/26/2015	98.11	4.82	NP	--	93.29	--
MW-49	2/2/2015	98.11	5.18	NP	--	92.93	--
MW-49	2/9/2015	98.11	4.89	NP	--	93.22	--
MW-49	2/16/2015	98.11	4.88	NP	--	93.23	--
MW-49	2/23/2015	98.11	5.26	NP	--	92.85	--
MW-49	3/2/2015	98.11	5.39	NP	--	92.72	--
MW-49	3/9/2015	98.11	5.70	NP	--	92.41	--
MW-49	3/16/2015	98.11	5.70	NP	--	92.41	--
MW-49	3/23/2015	98.11	5.53	NP	--	92.58	--
MW-49	3/30/2015	98.11	5.53	NP	--	92.58	--
MW-49	4/6/2015	98.11	5.87	NP	--	92.24	--
MW-49	4/22/2015	98.11	6.40	NP	--	91.71	--
MW-49	5/4/2015	98.11	6.62	NP	--	91.49	--
MW-49	5/18/2015	98.11	6.90	NP	--	91.21	--
MW-49	6/1/2015	98.11	7.23	NP	--	90.88	--
MW-49	6/15/2015	98.11	7.47	NP	--	90.64	--
MW-49	6/19/2015	98.11	7.55	NP	--	90.56	--
MW-49	6/29/2015	98.11	7.77	NP	--	90.34	--
MW-49	7/13/2015	98.11	8.01	NP	--	90.10	--
MW-49	7/28/2015	98.11	8.29	NP	--	89.82	--
MW-49	8/10/2015	98.11	8.56	NP	--	89.55	--
MW-49	8/24/2015	98.11	8.82	NP	--	89.29	--
MW-49	9/8/2015	98.11	8.94	NP	--	89.17	--
MW-49	9/21/2015	98.11	9.00	NP	--	89.11	--
MW-49	10/5/2015	98.11	9.14	NP	--	88.97	--
MW-49	10/12/2015	98.11	9.14	NP	--	88.97	--
MW-49	10/19/2015	98.11	9.19	NP	--	88.92	--
MW-49	11/2/2015	98.11	9.11	NP	--	89.00	--
MW-49	11/16/2015	98.11	8.60	NP	--	89.51	--
MW-49	11/30/2015	98.11	8.02	NP	--	90.09	--
MW-49	1/18/2016	98.11	5.80	NP	--	92.31	--
MW-49	2/1/2016	98.11	5.25	NP	--	92.86	--
MW-49	2/15/2016	98.11	4.69	NP	--	93.42	--
MW-49	3/7/2016	98.11	4.96	NP	--	93.15	--
MW-49	3/29/2016	98.11	5.05	NP	--	93.06	--

TABLE 2
Groundwater Gauging Data
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-49	4/5/2016	98.11	--	--	--	--	NG
MW-49	4/19/2016	98.11	5.66	NP	--	92.45	--
MW-49	5/10/2016	98.11	6.28	NP	--	91.83	--
MW-49	5/24/2016	98.11	6.63	NP	--	91.48	--
MW-49	6/7/2016	98.11	6.91	NP	--	91.20	--
MW-49	6/21/2016	98.11	7.11	NP	--	91.00	--
MW-49	7/19/2016	98.11	7.45	NP	--	90.66	--
MW-49	8/23/2016	98.11	8.08	NP	--	90.03	--
MW-49	9/20/2016	98.11	8.30	NP	--	89.81	--
MW-49	11/8/2016	98.11	8.00	NP	--	90.11	--
MW-49	12/6/2016	98.11	7.19	NP	--	90.92	--

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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-50	12/22/2014	98.05	5.90	NP	--	92.15	--
MW-50	12/29/2014	98.05	5.47	NP	--	92.58	--
MW-50	1/5/2015	98.05	5.08	NP	--	92.97	--
MW-50	1/12/2015	98.05	4.69	NP	--	93.36	--
MW-50	1/19/2015	98.05	4.80	NP	--	93.25	--
MW-50	1/26/2015	98.05	4.50	NP	--	93.55	--
MW-50	2/2/2015	98.05	4.85	NP	--	93.20	--
MW-50	2/9/2015	98.05	4.63	NP	--	93.42	--
MW-50	2/16/2015	98.05	4.57	NP	--	93.48	--
MW-50	2/23/2015	98.05	4.93	NP	--	93.12	--
MW-50	3/2/2015	98.05	5.07	NP	--	92.98	--
MW-50	3/9/2015	98.05	5.37	NP	--	92.68	--
MW-50	3/16/2015	98.05	5.50	NP	--	92.55	--
MW-50	3/23/2015	98.05	5.22	NP	--	92.83	--
MW-50	3/30/2015	98.05	5.22	NP	--	92.83	--
MW-50	4/6/2015	98.05	5.55	NP	--	92.50	--
MW-50	4/22/2015	98.05	6.11	NP	--	91.94	--
MW-50	5/4/2015	98.05	6.33	NP	--	91.72	--
MW-50	5/18/2015	98.05	6.63	NP	--	91.42	--
MW-50	6/1/2015	98.05	6.96	NP	--	91.09	--
MW-50	6/15/2015	98.05	7.21	NP	--	90.84	--
MW-50	6/19/2015	98.05	7.29	NP	--	90.76	--
MW-50	6/29/2015	98.05	7.50	NP	--	90.55	--
MW-50	7/13/2015	98.05	7.73	NP	--	90.32	--
MW-50	7/28/2015	98.05	7.98	NP	--	90.07	--
MW-50	8/10/2015	98.05	8.21	NP	--	89.84	--
MW-50	8/24/2015	98.05	8.41	NP	--	89.64	--
MW-50	9/8/2015	98.05	8.60	NP	--	89.45	--
MW-50	9/21/2015	98.05	8.65	NP	--	89.40	--
MW-50	10/5/2015	98.05	8.75	NP	--	89.30	--
MW-50	10/12/2015	98.05	8.76	NP	--	89.29	--
MW-50	10/19/2015	98.05	8.80	NP	--	89.25	--
MW-50	11/2/2015	98.05	8.80	NP	--	89.25	--
MW-50	11/16/2015	98.05	8.29	NP	--	89.76	--
MW-50	11/30/2015	98.05	7.16	NP	--	90.89	--
MW-50	1/18/2016	98.05	5.37	NP	--	92.68	--
MW-50	2/1/2016	98.05	4.82	NP	--	93.23	--
MW-50	2/15/2016	98.05	--	--	--	--	NG
MW-50	3/7/2016	98.05	4.60	NP	--	93.45	--
MW-50	3/29/2016	98.05	4.75	NP	--	93.30	--
MW-50	4/5/2016	98.05	--	--	--	--	NG

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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-50	4/19/2016	98.05	5.32	NP	--	92.73	--
MW-50	5/10/2016	98.05	5.95	NP	--	92.10	--
MW-50	5/24/2016	98.05	6.33	NP	--	91.72	--
MW-50	6/7/2016	98.05	6.63	NP	--	91.42	--
MW-50	6/21/2016	98.05	6.86	NP	--	91.19	--
MW-50	7/19/2016	98.05	7.20	NP	--	90.85	--
MW-50	8/23/2016	98.05	7.81	NP	--	90.24	--
MW-50	9/20/2016	98.05	7.98	NP	--	90.07	--
MW-50	11/8/2016	98.05	7.45	NP	--	90.60	--
MW-50	12/6/2016	98.05	6.40	NP	--	91.65	--

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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-51	12/22/2014	96.86	3.17	NP	--	93.69	--
MW-51	12/29/2014	96.86	2.72	NP	--	94.14	--
MW-51	1/5/2015	96.86	1.92	NP	--	94.94	--
MW-51	1/12/2015	96.86	2.17	NP	--	94.69	--
MW-51	1/13/2015	96.86	2.17	NP	--	94.69	--
MW-51	1/19/2015	96.86	2.64	NP	--	94.22	--
MW-51	1/26/2015	96.86	2.05	NP	--	94.81	--
MW-51	2/2/2015	96.86	2.89	NP	--	93.97	--
MW-51	2/9/2015	96.86	2.30	NP	--	94.56	--
MW-51	2/16/2015	96.86	2.28	NP	--	94.58	--
MW-51	2/23/2015	96.86	2.83	NP	--	94.03	--
MW-51	3/2/2015	96.86	2.98	NP	--	93.88	--
MW-51	3/9/2015	96.86	3.64	NP	--	93.22	--
MW-51	3/16/2015	96.86	3.35	NP	--	93.51	--
MW-51	3/23/2015	96.86	2.93	NP	--	93.93	--
MW-51	3/30/2015	96.86	3.09	NP	--	93.77	--
MW-51	4/6/2015	96.86	3.80	NP	--	93.06	--
MW-51	4/22/2015	96.86	4.84	NP	--	92.02	--
MW-51	5/4/2015	96.86	5.17	NP	--	91.69	--
MW-51	5/18/2015	96.86	5.71	NP	--	91.15	--
MW-51	6/1/2015	96.86	6.31	NP	--	90.55	--
MW-51	6/15/2015	96.86	6.74	NP	--	90.12	--
MW-51	6/19/2015	96.86	6.89	NP	--	89.97	--
MW-51	6/29/2015	96.86	7.25	NP	--	89.61	--
MW-51	7/13/2015	96.86	7.66	NP	--	89.20	--
MW-51	7/28/2015	96.86	8.05	NP	--	88.81	--
MW-51	8/10/2015	96.86	8.38	NP	--	88.48	--
MW-51	8/24/2015	96.86	8.76	NP	--	88.10	--
MW-51	9/8/2015	96.86	8.46	NP	--	88.40	--
MW-51	9/21/2015	96.86	8.40	NP	--	88.46	--
MW-51	10/5/2015	96.86	8.47	NP	--	88.39	--
MW-51	10/12/2015	96.86	8.43	NP	--	88.43	--
MW-51	10/19/2015	96.86	8.40	NP	--	88.46	--
MW-51	11/2/2015	96.86	8.00	NP	--	88.86	--
MW-51	11/16/2015	96.86	6.08	NP	--	90.78	--
MW-51	11/30/2015	96.86	5.20	NP	--	91.66	--
MW-51	1/18/2016	96.86	3.25	NP	--	93.61	--
MW-51	2/1/2016	96.86	2.63	NP	--	94.23	--
MW-51	2/15/2016	96.86	1.77	NP	--	95.09	--
MW-51	3/7/2016	96.86	2.28	NP	--	94.58	--
MW-51	3/29/2016	96.86	2.83	NP	--	94.03	--

TABLE 2
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-51	4/5/2016	96.86	--	--	--	--	NG
MW-51	4/19/2016	96.86	3.88	NP	--	92.98	--
MW-51	5/10/2016	96.86	5.05	NP	--	91.81	--
MW-51	5/24/2016	96.86	5.62	NP	--	91.24	--
MW-51	6/7/2016	96.86	6.02	NP	--	90.84	--
MW-51	6/21/2016	96.86	6.07	NP	--	90.79	--
MW-51	7/19/2016	96.86	6.77	NP	--	90.09	--
MW-51	8/23/2016	96.86	7.70	NP	--	89.16	--
MW-51	9/20/2016	96.86	7.44	NP	--	89.42	--
MW-51	11/8/2016	96.86	5.01	NP	--	91.85	--
MW-51	12/6/2016	96.86	3.24	NP	--	93.62	--

TABLE 2
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-52	12/22/2014	97.79	5.04	NP	--	92.75	--
MW-52	12/29/2014	97.79	5.28	NP	--	92.51	--
MW-52	1/5/2015	97.79	4.59	NP	--	93.20	--
MW-52	1/12/2015	97.79	4.55	NP	--	93.24	--
MW-52	1/13/2015	97.79	4.55	NP	--	93.24	--
MW-52	1/19/2015	97.79	4.51	NP	--	93.28	--
MW-52	1/26/2015	97.79	4.21	NP	--	93.58	--
MW-52	2/2/2015	97.79	4.78	NP	--	93.01	--
MW-52	2/9/2015	97.79	4.19	NP	--	93.60	--
MW-52	2/16/2015	97.79	4.28	NP	--	93.51	--
MW-52	2/23/2015	97.79	4.82	NP	--	92.97	--
MW-52	3/2/2015	97.79	4.86	NP	--	92.93	--
MW-52	3/9/2015	97.79	5.26	NP	--	92.53	--
MW-52	3/16/2015	97.79	5.18	NP	--	92.61	--
MW-52	3/23/2015	97.79	4.85	NP	--	92.94	--
MW-52	3/30/2015	97.79	4.91	NP	--	92.88	--
MW-52	4/6/2015	97.79	5.28	NP	--	92.51	--
MW-52	4/22/2015	97.79	5.90	NP	--	91.89	--
MW-52	5/4/2015	97.79	6.12	NP	--	91.67	--
MW-52	5/18/2015	97.79	6.43	NP	--	91.36	--
MW-52	6/1/2015	97.79	6.82	NP	--	90.97	--
MW-52	6/15/2015	97.79	7.04	NP	--	90.75	--
MW-52	6/19/2015	97.79	7.13	NP	--	90.66	--
MW-52	6/29/2015	97.79	7.45	NP	--	90.34	--
MW-52	7/13/2015	97.79	7.75	NP	--	90.04	--
MW-52	7/28/2015	97.79	8.13	NP	--	89.66	--
MW-52	8/10/2015	97.79	8.64	NP	--	89.15	--
MW-52	8/24/2015	97.79	9.15	NP	--	88.64	--
MW-52	9/8/2015	97.79	8.56	NP	--	89.23	--
MW-52	9/21/2015	97.79	8.62	NP	--	89.17	--
MW-52	10/5/2015	97.79	8.91	NP	--	88.88	--
MW-52	10/12/2015	97.79	8.95	NP	--	88.84	--
MW-52	10/19/2015	97.79	9.03	NP	--	88.76	--
MW-52	11/2/2015	97.79	8.61	NP	--	89.18	--
MW-52	11/16/2015	97.79	6.95	NP	--	90.84	--
MW-52	11/30/2015	97.79	6.55	NP	--	91.24	--
MW-52	1/18/2016	97.79	4.83	NP	--	92.96	--
MW-52	2/1/2016	97.79	4.00	NP	--	93.79	--
MW-52	2/15/2016	97.79	3.31	NP	--	94.48	--
MW-52	3/7/2016	97.79	4.16	NP	--	93.63	--
MW-52	3/29/2016	97.79	4.00	NP	--	93.79	--

TABLE 2
Groundwater Gauging Data
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-52	4/5/2016	97.79	--	--	--	--	NG
MW-52	4/19/2016	97.79	4.90	NP	--	92.89	--
MW-52	5/10/2016	97.79	5.63	NP	--	92.16	--
MW-52	5/24/2016	97.79	6.00	NP	--	91.79	--
MW-52	6/7/2016	97.79	6.29	NP	--	91.50	--
MW-52	6/21/2016	97.79	6.14	NP	--	91.65	--
MW-52	7/19/2016	97.79	6.84	NP	--	90.95	--
MW-52	8/23/2016	97.79	7.72	NP	--	90.07	--
MW-52	9/20/2016	97.79	7.46	NP	--	90.33	--
MW-52	11/8/2016	97.79	5.86	NP	--	91.93	--
MW-52	12/6/2016	97.79	4.92	NP	--	92.87	--

TABLE 2
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-53	12/22/2014	96.45	2.16	2.15	0.01	94.30	--
MW-53	12/29/2014	96.45	1.84	NP	--	94.61	--
MW-53	1/5/2015	96.45	--	--	--	--	NG
MW-53	1/12/2015	96.45	1.94	NP	--	94.51	--
MW-53	1/19/2015	96.45	2.00	NP	--	94.45	--
MW-53	1/26/2015	96.45	1.87	NP	--	94.58	--
MW-53	2/2/2015	96.45	2.10	NP	--	94.35	--
MW-53	2/9/2015	96.45	2.08	NP	--	94.37	--
MW-53	2/16/2015	96.45	1.88	NP	--	94.57	--
MW-53	2/23/2015	96.45	2.33	NP	--	94.12	--
MW-53	3/2/2015	96.45	2.51	NP	--	93.94	--
MW-53	3/9/2015	96.45	2.80	NP	--	93.65	--
MW-53	3/16/2015	96.45	2.51	NP	--	93.94	--
MW-53	3/23/2015	96.45	2.10	NP	--	94.35	--
MW-53	3/30/2015	96.45	2.21	NP	--	94.24	--
MW-53	4/6/2015	96.45	2.77	NP	--	93.68	--
MW-53	4/22/2015	96.45	3.73	NP	--	92.72	--
MW-53	5/4/2015	96.45	4.18	NP	--	92.27	--
MW-53	5/18/2015	96.45	4.36	NP	--	92.09	--
MW-53	6/1/2015	96.45	5.12	NP	--	91.33	--
MW-53	6/15/2015	96.45	5.68	NP	--	90.77	--
MW-53	6/19/2015	96.45	5.81	NP	--	90.64	--
MW-53	6/29/2015	96.45	6.20	NP	--	90.25	--
MW-53	7/13/2015	96.45	6.58	NP	--	89.87	--
MW-53	7/28/2015	96.45	6.82	NP	--	89.63	--
MW-53	8/10/2015	96.45	7.08	NP	--	89.37	--
MW-53	8/24/2015	96.45	7.30	NP	--	89.15	--
MW-53	9/8/2015	96.45	6.95	NP	--	89.50	--
MW-53	9/21/2015	96.45	6.72	NP	--	89.73	--
MW-53	10/5/2015	96.45	6.81	NP	--	89.64	--
MW-53	10/12/2015	96.45	6.85	NP	--	89.60	--
MW-53	10/19/2015	96.45	6.93	NP	--	89.52	--
MW-53	11/2/2015	96.45	6.64	NP	--	89.81	--
MW-53	11/16/2015	96.45	4.30	NP	--	92.15	--
MW-53	11/30/2015	96.45	4.54	NP	--	91.91	--
MW-53	1/18/2016	96.45	2.49	NP	--	93.96	--
MW-53	2/1/2016	96.45	1.76	NP	--	94.69	--
MW-53	2/15/2016	96.45	--	--	--	--	NG
MW-53	3/7/2016	96.45	2.75	NP	--	93.70	--
MW-53	3/29/2016	96.45	2.60	NP	--	93.85	--
MW-53	4/5/2016	96.45	--	--	--	--	NG

TABLE 2
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-53	4/19/2016	96.45	3.61	NP	--	92.84	--
MW-53	5/10/2016	96.45	4.30	NP	--	92.15	--
MW-53	5/24/2016	96.45	4.70	NP	--	91.75	--
MW-53	6/7/2016	96.45	4.96	NP	--	91.49	--
MW-53	6/21/2016	96.45	4.64	NP	--	91.81	--
MW-53	7/19/2016	96.45	5.64	NP	--	90.81	--
MW-53	8/23/2016	96.45	6.56	NP	--	89.89	--
MW-53	9/20/2016	96.45	5.88	NP	--	90.57	--
MW-53	11/8/2016	96.45	2.65	NP	--	93.80	--
MW-53	12/6/2016	96.45	2.15	NP	--	94.30	--

TABLE 2
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-54	6/23/1992	101.75	8.00	NP	--	93.75	--
MW-54	7/2/1992	101.75	7.91	NP	--	93.84	--
MW-54	8/17/1992	101.75	8.45	NP	--	93.30	--
MW-54	9/30/1992	101.75	8.81	NP	--	92.94	--
MW-54	10/30/1992	101.75	8.57	NP	--	93.18	--
MW-54	11/30/1992	101.75	7.79	NP	--	93.96	--
MW-54	4/16/1993	101.75	7.79	NP	--	93.96	--
MW-54	10/3/2000	101.75	--	--	--	--	Dry
MW-54	2/28/2001	101.75	6.97	NP	--	94.78	--
MW-54	5/30/2001	101.75	7.66	NP	--	94.09	--
MW-54	8/22/2001	101.75	--	--	--	--	Dry
MW-54	11/21/2001	101.75	7.46	NP	--	94.29	--
MW-54	2/20/2002	101.75	5.56	NP	--	96.19	--
MW-54	5/16/2002	101.75	6.67	NP	--	95.08	--
MW-54	8/2/2002	101.75	--	--	--	--	Dry
MW-54	12/19/2002	101.75	--	--	--	--	Dry
MW-54	5/19/2003	101.75	7.53	NP	--	94.22	--
MW-54	11/13/2003	101.75	8.75	NP	--	93.00	--
MW-54	6/4/2004	101.75	7.55	NP	--	94.20	--
MW-54	10/7/2004	101.75	8.18	NP	--	93.57	--
MW-54	4/28/2005	101.75	6.20	NP	--	95.55	--
MW-54	11/16/2005	101.75	7.42	NP	--	94.33	--
MW-54	6/13/2006	101.75	7.84	NP	--	93.91	--
MW-54	2/26/2007	101.75	4.91	NP	--	96.84	--
MW-54	5/9/2007	101.75	7.23	NP	--	94.52	--
MW-54	7/16/2007	101.75	9.11	NP	--	92.64	--
MW-54	8/22/2007	101.75	--	--	--	--	Dry
MW-54	9/25/2007	101.75	--	--	--	--	Dry
MW-54	10/25/2007	101.75	8.66	NP	--	93.09	--
MW-54	11/9/2007	101.75	8.64	NP	--	93.11	--
MW-54	12/3/2007	101.75	7.97	NP	--	93.78	--
MW-54	1/17/2008	101.75	5.94	NP	--	95.81	--
MW-54	4/7/2008	101.75	5.76	NP	--	95.99	--
MW-54	7/22/2008	101.75	8.60	NP	--	93.15	--
MW-54	10/21/2008	101.75	--	--	--	--	Dry
MW-54	3/17/2010	101.75	6.77	NP	--	94.98	--
MW-54	9/15/2010	101.75	--	--	--	--	Dry
MW-54	3/4/2011	101.75	5.02	NP	--	96.73	--
MW-54	8/24/2011	101.75	--	--	--	--	Dry
MW-54	5/10/2012	101.75	5.70	NP	--	96.05	--
MW-54	11/15/2012	101.75	--	--	--	--	DryWI

TABLE 2
Groundwater Gauging Data
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-54	3/27/2013	101.75	5.90	NP	--	95.85	--
MW-54	12/17/2013	101.75	--	--	--	--	Dry
MW-54	6/24/2014	101.75	--	--	--	--	Dry
MW-54	11/7/2014	101.75	7.63	NP	--	94.12	--
MW-54	11/8/2014	101.75	7.73	NP	--	94.02	--
MW-54	11/8/2014	101.75	8.59	NP	--	93.16	--
MW-54	11/9/2014	101.75	7.65	NP	--	94.10	--
MW-54	11/10/2014	101.75	7.46	NP	--	94.29	--
MW-54	11/10/2014	101.75	7.92	NP	--	93.83	--
MW-54	11/10/2014	101.75	8.31	NP	--	93.44	--
MW-54	11/10/2014	101.75	8.42	NP	--	93.33	--
MW-54	11/11/2014	101.75	7.43	NP	--	94.32	--
MW-54	11/11/2014	101.75	7.57	NP	--	94.18	--
MW-54	11/12/2014	101.75	7.45	NP	--	94.30	--
MW-54	11/13/2014	101.75	7.48	NP	--	94.27	--
MW-54	11/14/2014	101.75	7.55	NP	--	94.20	--
MW-54	11/17/2014	101.75	7.70	NP	--	94.05	--
MW-54	11/18/2014	101.75	7.74	NP	--	94.01	--
MW-54	11/19/2014	101.75	7.75	NP	--	94.00	--
MW-54	12/1/2014	99.20	6.59	NP	--	92.61	--
MW-54	12/8/2014	99.20	6.62	NP	--	92.58	--
MW-54	12/15/2014	99.20	6.08	NP	--	93.12	--
MW-54	12/22/2014	99.20	6.04	NP	--	93.16	--
MW-54	12/29/2014	99.20	5.40	NP	--	93.80	--
MW-54	1/5/2015	99.20	4.50	NP	--	94.70	--
MW-54	1/12/2015	99.20	4.96	NP	--	94.24	--
MW-54	1/13/2015	99.20	4.96	NP	--	94.24	--
MW-54	1/19/2015	99.20	5.07	NP	--	94.13	--
MW-54	1/26/2015	99.20	4.67	NP	--	94.53	--
MW-54	2/2/2015	99.20	5.47	NP	--	93.73	--
MW-54	2/9/2015	99.20	4.80	NP	--	94.40	--
MW-54	2/16/2015	99.20	4.95	NP	--	94.25	--
MW-54	2/23/2015	99.20	5.47	NP	--	93.73	--
MW-54	3/2/2015	99.20	5.62	NP	--	93.58	--
MW-54	3/9/2015	99.20	6.12	NP	--	93.08	--
MW-54	3/16/2015	99.20	6.12	NP	--	93.08	--
MW-54	3/23/2015	99.20	5.65	NP	--	93.55	--
MW-54	3/30/2015	99.20	5.76	NP	--	93.44	--
MW-54	4/6/2015	99.20	6.28	NP	--	92.92	--
MW-54	4/22/2015	99.20	7.17	NP	--	92.03	--
MW-54	5/4/2015	99.20	6.47	NP	--	92.73	--

TABLE 2
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-54	5/18/2015	99.20	7.96	NP	--	91.24	--
MW-54	6/1/2015	99.20	8.48	NP	--	90.72	--
MW-54	6/15/2015	99.20	8.91	NP	--	90.29	--
MW-54	6/19/2015	99.20	9.04	NP	--	90.16	--
MW-54	6/29/2015	99.20	9.38	NP	--	89.82	--
MW-54	7/13/2015	99.20	--	--	--	--	Dry
MW-54	7/28/2015	99.20	--	--	--	--	Dry
MW-54	8/10/2015	99.20	--	--	--	--	Dry
MW-54	8/24/2015	99.20	--	--	--	--	Dry
MW-54	9/8/2015	99.20	--	--	--	--	Dry
MW-54	9/21/2015	99.20	--	--	--	--	Dry
MW-54	10/5/2015	99.20	--	--	--	--	Dry
MW-54	10/12/2015	99.20	--	--	--	--	Dry
MW-54	10/19/2015	99.20	--	--	--	--	Dry
MW-54	11/2/2015	99.20	--	--	--	--	Dry
MW-54	11/16/2015	99.20	8.99	NP	--	90.21	--
MW-54	11/30/2015	99.20	7.70	NP	--	91.50	--
MW-54	1/18/2016	99.20	5.90	NP	--	93.30	--
MW-54	2/1/2016	99.20	5.15	NP	--	94.05	--
MW-54	2/15/2016	99.20	4.67	NP	--	94.53	--
MW-54	3/7/2016	99.20	5.25	NP	--	93.95	--
MW-54	3/29/2016	99.20	5.27	NP	--	93.93	--
MW-54	4/5/2016	99.20	--	--	--	--	NG
MW-54	4/19/2016	99.20	6.31	NP	--	92.89	--
MW-54	5/10/2016	99.20	7.31	NP	--	91.89	--
MW-54	5/24/2016	99.20	7.83	NP	--	91.37	--
MW-54	6/7/2016	99.20	8.23	NP	--	90.97	--
MW-54	6/21/2016	99.20	8.37	NP	--	90.83	--
MW-54	7/19/2016	99.20	--	--	--	--	Dry
MW-54	8/23/2016	99.20	--	--	--	--	Dry
MW-54	9/20/2016	99.20	--	--	--	--	Dry
MW-54	11/8/2016	99.20	7.73	NP	--	91.47	--
MW-54	12/6/2016	99.20	--	--	--	--	Dry

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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-55	10/5/2015	--	--	--	--	--	NG
MW-55	10/12/2015	--	7.82	NP	--	--	--
MW-55	10/19/2015	--	7.94	NP	--	--	--
MW-55	11/2/2015	96.13	7.39	NP	--	88.74	--
MW-55	11/16/2015	96.13	2.75	NP	--	93.38	--
MW-55	11/30/2015	96.13	3.70	NP	--	92.43	--
MW-55	1/18/2016	96.13	2.75	NP	--	93.38	--
MW-55	2/1/2016	96.13	1.60	NP	--	94.53	--
MW-55	2/15/2016	96.13	--	--	--	--	NG
MW-55	3/7/2016	96.13	1.30	NP	--	94.83	--
MW-55	3/29/2016	96.13	1.75	NP	--	94.38	--
MW-55	4/5/2016	96.13	1.92	NP	--	94.21	--
MW-55	4/19/2016	96.13	3.29	NP	--	92.84	--
MW-55	5/10/2016	96.13	4.45	NP	--	91.68	--
MW-55	5/24/2016	96.13	4.84	NP	--	91.29	--
MW-55	6/7/2016	96.13	5.31	NP	--	90.82	--
MW-55	6/21/2016	96.13	5.34	NP	--	90.79	--
MW-55	7/19/2016	96.13	6.13	NP	--	90.00	--
MW-55	8/23/2016	96.13	7.03	NP	--	89.10	--
MW-55	9/20/2016	96.13	6.62	NP	--	89.51	--
MW-55	11/8/2016	96.13	2.94	NP	--	93.19	--
MW-55	12/6/2016	96.13	2.60	NP	--	93.53	--

TABLE 2
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-56	10/5/2015	--	--	--	--	--	NG
MW-56	10/12/2015	--	6.07	NP	--	--	--
MW-56	10/19/2015	--	6.09	NP	--	--	--
MW-56	11/2/2015	94.83	5.44	NP	--	89.39	--
MW-56	11/16/2015	94.83	0.95	NP	--	93.88	--
MW-56	11/30/2015	94.83	2.39	NP	--	92.44	--
MW-56	1/18/2016	94.83	0.32	NP	--	94.51	--
MW-56	2/1/2016	94.83	--	--	--	--	NG
MW-56	2/15/2016	94.83	--	--	--	--	NG
MW-56	3/7/2016	94.83	0.30	NP	--	94.53	--
MW-56	3/29/2016	94.83	0.00	NP	--	94.83	--
MW-56	4/5/2016	94.83	0.15	NP	--	94.68	--
MW-56	4/19/2016	94.83	1.61	NP	--	93.22	--
MW-56	5/10/2016	94.83	3.15	NP	--	91.68	--
MW-56	5/24/2016	94.83	3.43	NP	--	91.40	--
MW-56	6/7/2016	94.83	3.92	NP	--	90.91	--
MW-56	6/21/2016	94.83	3.60	NP	--	91.23	--
MW-56	7/19/2016	94.83	4.68	NP	--	90.15	--
MW-56	8/23/2016	94.83	5.61	NP	--	89.22	--
MW-56	9/20/2016	94.83	4.86	NP	--	89.97	--
MW-56	11/8/2016	94.83	0.75	NP	--	94.08	--
MW-56	12/6/2016	94.83	0.25	NP	--	94.58	--

TABLE 2
Groundwater Gauging Data
Allen Pump Station
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-57	10/5/2015	--	--	--	--	--	NG
MW-57	10/12/2015	--	5.48	NP	--	--	--
MW-57	10/19/2015	--	5.48	NP	--	--	--
MW-57	11/2/2015	94.03	4.60	NP	--	89.43	--
MW-57	11/16/2015	94.03	0.35	NP	--	93.68	--
MW-57	11/30/2015	94.03	0.73	NP	--	93.30	--
MW-57	1/18/2016	94.03	--	--	--	--	NG
MW-57	2/1/2016	94.03	--	--	--	--	NG
MW-57	2/15/2016	94.03	--	--	--	--	NG
MW-57	3/7/2016	94.03	--	--	--	--	NG
MW-57	3/29/2016	94.03	--	--	--	--	NG
MW-57	4/5/2016	94.03	--	--	--	--	NG
MW-57	4/19/2016	94.03	0.65	NP	--	93.38	--
MW-57	5/10/2016	94.03	2.67	NP	--	91.36	--
MW-57	5/24/2016	94.03	3.04	NP	--	90.99	--
MW-57	6/7/2016	94.03	3.50	NP	--	90.53	--
MW-57	6/21/2016	94.03	3.19	NP	--	90.84	--
MW-57	7/19/2016	94.03	4.22	NP	--	89.81	--
MW-57	8/23/2016	94.03	5.20	NP	--	88.83	--
MW-57	9/20/2016	94.03	4.22	NP	--	89.81	--
MW-57	11/8/2016	94.03	0.85	NP	--	93.18	--
MW-57	12/6/2016	94.03	0.05	NP	--	93.98	--

TABLE 2
Groundwater Gauging Data
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-58	10/5/2015	--	--	--	--	--	NG
MW-58	10/12/2015	--	5.99	NP	--	--	--
MW-58	10/19/2015	--	6.00	NP	--	--	--
MW-58	11/2/2015	93.92	5.50	NP	--	88.42	--
MW-58	11/16/2015	93.92	2.18	NP	--	91.74	--
MW-58	11/30/2015	93.92	2.64	NP	--	91.28	--
MW-58	1/18/2016	93.92	--	--	--	--	NG
MW-58	2/1/2016	93.92	--	--	--	--	NG
MW-58	2/15/2016	93.92	--	--	--	--	NG
MW-58	3/7/2016	93.92	--	--	--	--	NG
MW-58	3/29/2016	93.92	--	--	--	--	NG
MW-58	4/5/2016	93.92	--	--	--	--	NG
MW-58	4/19/2016	93.92	2.42	NP	--	91.50	--
MW-58	5/10/2016	93.92	3.20	NP	--	90.72	--
MW-58	5/24/2016	93.92	3.60	NP	--	90.32	--
MW-58	6/7/2016	93.92	3.92	NP	--	90.00	--
MW-58	6/21/2016	93.92	3.91	NP	--	90.01	--
MW-58	7/19/2016	93.92	4.71	NP	--	89.21	--
MW-58	8/23/2016	93.92	5.60	NP	--	88.32	--
MW-58	9/20/2016	93.92	5.00	NP	--	88.92	--
MW-58	11/8/2016	93.92	1.91	NP	--	92.01	--
MW-58	12/6/2016	93.92	1.40	NP	--	92.52	--

TABLE 2
Groundwater Gauging Data
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-59	10/5/2015	--	--	--	--	--	NG
MW-59	10/12/2015	--	--	--	--	--	NG
MW-59	10/19/2015	--	5.83	NP	--	--	--
MW-59	11/2/2015	93.52	5.33	NP	--	88.19	--
MW-59	11/16/2015	93.52	--	--	--	--	NG
MW-59	11/30/2015	93.52	2.28	NP	--	91.24	--
MW-59	1/18/2016	93.52	--	--	--	--	NG
MW-59	2/1/2016	93.52	--	--	--	--	NG
MW-59	2/15/2016	93.52	--	--	--	--	NG
MW-59	3/7/2016	93.52	--	--	--	--	NG
MW-59	3/29/2016	93.52	--	--	--	--	NG
MW-59	4/5/2016	93.52	--	--	--	--	NG
MW-59	4/19/2016	93.52	2.08	2.08	0.00	91.44	--
MW-59	5/10/2016	93.52	3.20	NP	--	90.32	--
MW-59	5/24/2016	93.52	3.55	NP	--	89.97	--
MW-59	6/7/2016	93.52	3.86	NP	--	89.66	--
MW-59	6/21/2016	93.52	3.76	NP	--	89.76	--
MW-59	7/19/2016	93.52	4.52	NP	--	89.00	--
MW-59	8/23/2016	93.52	5.41	NP	--	88.11	--
MW-59	9/20/2016	93.52	4.80	NP	--	88.72	--
MW-59	11/8/2016	93.52	2.30	NP	--	91.22	--
MW-59	12/6/2016	93.52	--	--	--	--	--

TABLE 2
Groundwater Gauging Data
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-60	10/5/2015	--	--	--	--	--	NG
MW-60	10/12/2015	--	5.79	NP	--	--	--
MW-60	10/19/2015	--	5.85	NP	--	--	--
MW-60	11/2/2015	94.04	5.69	NP	--	88.35	--
MW-60	11/16/2015	94.04	0.40	NP	--	93.64	--
MW-60	11/30/2015	94.04	1.10	NP	--	92.94	--
MW-60	1/18/2016	94.04	--	--	--	--	NG
MW-60	2/1/2016	94.04	--	--	--	--	NG
MW-60	2/15/2016	94.04	0.30	NP	--	93.74	--
MW-60	3/7/2016	94.04	--	--	--	--	NG
MW-60	3/29/2016	94.04	--	--	--	--	NG
MW-60	4/5/2016	94.04	--	--	--	--	NG
MW-60	4/19/2016	94.04	1.11	NP	--	92.93	--
MW-60	5/10/2016	94.04	2.85	NP	--	91.19	--
MW-60	5/24/2016	94.04	3.25	NP	--	90.79	--
MW-60	6/7/2016	94.04	3.61	NP	--	90.43	--
MW-60	6/21/2016	94.04	3.74	NP	--	90.30	--
MW-60	7/19/2016	94.04	4.35	NP	--	89.69	--
MW-60	8/23/2016	94.04	5.03	NP	--	89.01	--
MW-60	9/20/2016	94.04	4.79	NP	--	89.25	--
MW-60	11/8/2016	94.04	0.80	NP	--	93.24	--
MW-60	12/6/2016	94.04	--	--	--	--	--

TABLE 2
Groundwater Gauging Data
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-61	10/5/2015	--	--	--	--	--	NG
MW-61	10/12/2015	--	6.05	NP	--	--	--
MW-61	10/19/2015	--	6.37	NP	--	--	--
MW-61	11/2/2015	95.03	6.35	NP	--	88.68	--
MW-61	11/16/2015	95.03	4.22	NP	--	90.81	--
MW-61	11/30/2015	95.03	2.96	NP	--	92.07	--
MW-61	1/18/2016	95.03	0.80	NP	--	94.23	--
MW-61	2/1/2016	95.03	0.18	NP	--	94.85	--
MW-61	2/15/2016	95.03	--	--	--	--	NG
MW-61	3/7/2016	95.03	0.07	NP	--	94.96	--
MW-61	3/29/2016	95.03	0.00	NP	--	95.03	--
MW-61	4/5/2016	95.03	--	--	--	--	NG
MW-61	4/19/2016	95.03	0.95	NP	--	94.08	--
MW-61	5/10/2016	95.03	3.10	NP	--	91.93	--
MW-61	5/24/2016	95.03	3.42	NP	--	91.61	--
MW-61	6/7/2016	95.03	3.85	NP	--	91.18	--
MW-61	6/21/2016	95.03	4.10	NP	--	90.93	--
MW-61	7/19/2016	95.03	4.58	NP	--	90.45	--
MW-61	8/23/2016	95.03	5.26	NP	--	89.77	--
MW-61	9/20/2016	95.03	5.31	NP	--	89.72	--
MW-61	11/8/2016	95.03	3.46	NP	--	91.57	--
MW-61	12/6/2016	95.03	1.45	NP	--	93.58	--

TABLE 2
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-62	10/5/2015	--	--	--	--	--	NG
MW-62	10/12/2015	--	6.01	NP	--	--	--
MW-62	10/19/2015	--	6.00	NP	--	--	--
MW-62	11/2/2015	94.04	5.54	NP	--	88.50	--
MW-62	11/16/2015	94.04	2.27	NP	--	91.77	--
MW-62	11/30/2015	94.04	2.30	NP	--	91.74	--
MW-62	1/18/2016	94.04	0.15	NP	--	93.89	--
MW-62	2/1/2016	94.04	--	--	--	--	NG
MW-62	2/15/2016	94.04	--	--	--	--	NG
MW-62	3/7/2016	94.04	0.05	NP	--	93.99	--
MW-62	3/29/2016	94.04	0.00	NP	--	94.04	--
MW-62	4/5/2016	94.04	--	--	--	--	NG
MW-62	4/19/2016	94.04	1.30	NP	--	92.74	--
MW-62	5/10/2016	94.04	2.73	NP	--	91.31	--
MW-62	5/24/2016	94.04	2.95	NP	--	91.09	--
MW-62	6/7/2016	94.04	3.50	NP	--	90.54	--
MW-62	6/21/2016	94.04	3.33	NP	--	90.71	--
MW-62	7/19/2016	94.04	4.31	NP	--	89.73	--
MW-62	8/23/2016	94.04	5.10	NP	--	88.94	--
MW-62	9/20/2016	94.04	4.86	NP	--	89.18	--
MW-62	11/8/2016	94.04	2.29	NP	--	91.75	--
MW-62	12/6/2016	94.04	0.71	NP	--	93.33	--

TABLE 2
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-63	10/5/2015	--	--	--	--	--	NG
MW-63	10/12/2015	--	6.30	NP	--	--	--
MW-63	10/19/2015	--	5.97	NP	--	--	--
MW-63	11/2/2015	94.75	5.64	NP	--	89.11	--
MW-63	11/16/2015	94.75	1.26	NP	--	93.49	--
MW-63	11/30/2015	94.75	1.35	NP	--	93.40	--
MW-63	1/18/2016	94.75	0.15	NP	--	94.60	--
MW-63	2/1/2016	94.75	--	--	--	--	NG
MW-63	2/15/2016	94.75	--	--	--	--	NG
MW-63	3/7/2016	94.75	0.10	NP	--	94.65	--
MW-63	3/29/2016	94.75	0.00	NP	--	94.75	--
MW-63	4/5/2016	94.75	--	--	--	--	NG
MW-63	4/19/2016	94.75	1.81	NP	--	92.94	--
MW-63	5/10/2016	94.75	3.00	NP	--	91.75	--
MW-63	5/24/2016	94.75	3.24	NP	--	91.51	--
MW-63	6/7/2016	94.75	3.70	NP	--	91.05	--
MW-63	6/21/2016	94.75	3.66	NP	--	91.09	--
MW-63	7/19/2016	94.75	4.44	NP	--	90.31	--
MW-63	8/23/2016	94.75	5.32	NP	--	89.43	--
MW-63	9/20/2016	94.75	4.88	NP	--	89.87	--
MW-63	11/8/2016	94.75	1.56	NP	--	93.19	--
MW-63	12/6/2016	94.75	0.60	NP	--	94.15	--

TABLE 2
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-64	10/5/2015	--	5.21	NP	--	--	--
MW-64	10/12/2015	--	5.12	NP	--	--	--
MW-64	10/19/2015	--	5.17	NP	--	--	--
MW-64	11/2/2015	--	3.01	NP	--	--	--
MW-64	11/16/2015	--	1.24	NP	--	--	--
MW-64	11/30/2015	93.62	1.98	NP	--	91.64	--
MW-64	1/18/2016	93.62	1.32	NP	--	92.30	--
MW-64	2/1/2016	93.62	0.94	NP	--	92.68	--
MW-64	2/15/2016	93.62	0.50	NP	--	93.12	--
MW-64	3/7/2016	93.62	1.35	NP	--	92.27	--
MW-64	3/29/2016	93.62	1.04	NP	--	92.58	--
MW-64	4/5/2016	93.62	--	--	--	--	NG
MW-64	4/19/2016	93.62	1.91	NP	--	91.71	--
MW-64	5/10/2016	93.62	2.89	NP	--	90.73	--
MW-64	5/24/2016	93.62	3.19	NP	--	90.43	--
MW-64	6/7/2016	93.62	3.53	NP	--	90.09	--
MW-64	6/21/2016	93.62	3.01	NP	--	90.61	--
MW-64	7/19/2016	93.62	4.12	NP	--	89.50	--
MW-64	8/23/2016	93.62	4.98	NP	--	88.64	--
MW-64	9/20/2016	93.62	4.09	NP	--	89.53	--
MW-64	11/8/2016	93.62	1.42	NP	--	92.20	--
MW-64	12/6/2016	93.62	1.28	NP	--	92.34	--

TABLE 2
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-65	10/5/2015	--	6.89	NP	--	--	--
MW-65	10/12/2015	--	6.89	NP	--	--	--
MW-65	10/19/2015	--	6.96	NP	--	--	--
MW-65	11/2/2015	96.42	6.04	NP	--	90.38	--
MW-65	11/16/2015	96.42	3.10	NP	--	93.32	--
MW-65	11/30/2015	96.42	3.60	NP	--	92.82	--
MW-65	1/18/2016	96.42	2.60	NP	--	93.82	--
MW-65	2/1/2016	96.42	2.52	NP	--	93.90	--
MW-65	2/15/2016	96.42	1.15	NP	--	95.27	--
MW-65	3/7/2016	96.42	2.52	NP	--	93.90	--
MW-65	3/29/2016	96.42	2.45	NP	--	93.97	--
MW-65	4/5/2016	96.42	--	--	--	--	NG
MW-65	4/19/2016	96.42	3.10	NP	--	93.32	--
MW-65	5/10/2016	96.42	4.25	NP	--	92.17	--
MW-65	5/24/2016	96.42	4.77	NP	--	91.65	--
MW-65	6/7/2016	96.42	5.08	NP	--	91.34	--
MW-65	6/21/2016	96.42	4.72	NP	--	91.70	--
MW-65	7/19/2016	96.42	5.78	NP	--	90.64	--
MW-65	8/23/2016	96.42	6.65	NP	--	89.77	--
MW-65	9/20/2016	96.42	5.92	NP	--	90.50	--
MW-65	11/8/2016	96.42	2.90	NP	--	93.52	--
MW-65	12/6/2016	96.42	2.22	NP	--	94.20	--

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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
MW-66	10/5/2015	--	6.68	NP	--	--	--
MW-66	10/12/2015	--	6.71	NP	--	--	--
MW-66	10/19/2015	--	6.72	NP	--	--	--
MW-66	11/2/2015	95.74	5.49	NP	--	90.25	--
MW-66	11/16/2015	95.74	1.45	NP	--	94.29	--
MW-66	11/30/2015	95.74	2.13	NP	--	93.61	--
MW-66	1/18/2016	95.74	1.82	NP	--	93.92	--
MW-66	2/1/2016	95.74	1.31	NP	--	94.43	--
MW-66	2/15/2016	95.74	--	--	--	--	NG
MW-66	3/7/2016	95.74	1.92	NP	--	93.82	--
MW-66	3/29/2016	95.74	1.53	NP	--	94.21	--
MW-66	4/5/2016	95.74	--	--	--	--	NG
MW-66	4/19/2016	95.74	2.65	NP	--	93.09	--
MW-66	5/10/2016	95.74	4.05	NP	--	91.69	--
MW-66	5/24/2016	95.74	4.53	NP	--	91.21	--
MW-66	6/7/2016	95.74	4.86	NP	--	90.88	--
MW-66	6/21/2016	95.74	4.56	NP	--	91.18	--
MW-66	7/19/2016	95.74	5.55	NP	--	90.19	--
MW-66	8/23/2016	95.74	6.40	NP	--	89.34	--
MW-66	9/20/2016	95.74	5.62	NP	--	90.12	--
MW-66	11/8/2016	95.74	1.55	NP	--	94.19	--
MW-66	12/6/2016	95.74	1.44	NP	--	94.30	--
MW-67	11/8/2016	95.61	1.96	NP	--	93.65	--
MW-67	12/6/2016	95.61	1.33	NP	--	94.28	--
MW-68	11/7/2016	95.69	3.27	NP	--	92.42	--
MW-68	12/6/2016	95.69	2.30	NP	--	93.39	--
MW-69	11/8/2016	95.49	3.35	NP	--	92.14	--
MW-69	12/6/2016	95.49	1.67	NP	--	93.82	--
MW-70	11/8/2016	95.68	3.77	NP	--	91.91	--
MW-70	12/6/2016	95.68	1.88	NP	--	93.80	--
MW-71	11/8/2016	93.62	2.29	NP	--	91.33	--
MW-71	12/6/2016	93.62	2.02	NP	--	91.60	--

TABLE 2
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
PW-1	3/17/2010	--	6.31	NP	--	--	--
PW-1	9/15/2010	--	8.46	NP	--	--	--
PW-1	3/4/2011	--	--	--	--	--	WI
PW-1	8/24/2011	--	8.29	NP	--	--	--
PW-1	5/10/2012	--	5.15	NP	--	--	--
PW-1	11/15/2012	--	7.46	NP	--	--	--
PW-1	3/27/2013	--	5.59	NP	--	--	--
PW-1	12/17/2013	--	7.36	NP	--	--	--
PW-1	6/24/2014	--	7.25	NP	--	--	--
PW-1	11/7/2014	--	5.90	NP	--	--	--
PW-1	11/8/2014	--	6.26	NP	--	--	--
PW-1	11/8/2014	--	6.22	NP	--	--	--
PW-1	11/9/2014	--	--	--	--	--	NG
PW-1	11/10/2014	--	5.96	NP	--	--	--
PW-1	11/12/2014	--	6.14	NP	--	--	--
PW-1	11/18/2014	--	6.63	NP	--	--	--
PW-1	11/19/2014	--	6.66	NP	--	--	--
PW-1	12/1/2014	--	5.73	NP	--	--	--
PW-1	12/8/2014	--	5.92	NP	--	--	--
PW-1	12/15/2014	--	--	--	--	--	NG
PW-1	12/22/2014	--	5.20	NP	--	--	--
PW-1	12/29/2014	--	4.82	NP	--	--	--
PW-1	1/5/2015	--	2.26	NP	--	--	--
PW-1	1/12/2015	--	5.00	NP	--	--	--
PW-1	1/19/2015	--	4.55	NP	--	--	--
PW-1	1/26/2015	--	4.56	NP	--	--	--
PW-1	2/2/2015	--	4.84	NP	--	--	--
PW-1	2/9/2015	--	4.39	NP	--	--	--
PW-1	2/16/2015	--	4.86	NP	--	--	--
PW-1	2/23/2015	--	5.42	NP	--	--	--
PW-1	3/2/2015	--	5.34	NP	--	--	--
PW-1	3/9/2015	--	5.93	NP	--	--	--
PW-1	3/16/2015	--	5.41	NP	--	--	--
PW-1	3/23/2015	--	5.08	NP	--	--	--
PW-1	3/30/2015	--	5.16	NP	--	--	--
PW-1	4/6/2015	--	5.87	NP	--	--	--
PW-1	4/22/2015	--	6.58	NP	--	--	--
PW-1	5/4/2015	--	6.85	NP	--	--	--
PW-1	5/18/2015	--	7.25	NP	--	--	--
PW-1	6/1/2015	--	7.75	NP	--	--	--
PW-1	6/15/2015	--	8.12	NP	--	--	--

TABLE 2
Groundwater Gauging Data
Allen Pump Station
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
PW-1	6/19/2015	--	7.98	NP	--	--	--
PW-1	6/29/2015	--	8.17	NP	--	--	--
PW-1	7/13/2015	--	8.78	NP	--	--	--
PW-1	7/28/2015	--	--	--	--	--	WI
PW-1	8/24/2015	--	--	--	--	--	WI
PW-1	9/8/2015	--	--	--	--	--	WI
PW-1	9/21/2015	--	9.16	NP	--	--	--
PW-1	10/5/2015	--	9.30	NP	--	--	--
PW-1	10/12/2015	--	9.40	NP	--	--	--
PW-1	10/19/2015	--	9.45	NP	--	--	--
PW-1	11/2/2015	--	--	--	--	--	NG
PW-1	11/16/2015	--	--	--	--	--	NG
PW-1	11/30/2015	--	--	--	--	--	--
PW-1	1/18/2016	--	5.51	NP	--	--	--
PW-1	2/1/2016	--	4.54	NP	--	--	--
PW-1	2/15/2016	--	3.18	NP	--	--	--
PW-1	3/7/2016	--	5.23	NP	--	--	--
PW-1	3/29/2016	--	4.77	NP	--	--	--
PW-1	4/5/2016	--	--	--	--	--	NG
PW-1	4/19/2016	--	5.90	NP	--	--	--
PW-1	5/10/2016	--	--	--	--	--	WI
PW-1	5/24/2016	--	7.19	NP	--	--	--
PW-1	6/7/2016	--	7.50	NP	--	--	--
PW-1	6/21/2016	--	7.21	NP	--	--	--
PW-1	7/19/2016	--	8.06	NP	--	--	--
PW-1	8/23/2016	--	8.92	NP	--	--	--
PW-1	9/20/2016	--	8.37	NP	--	--	--
PW-1	11/8/2016	--	5.75	NP	--	--	--
PW-1	12/6/2016	--	4.93	NP	--	--	--

TABLE 2
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
PW-2	3/17/2010	--	6.86	NP	--	--	--
PW-2	9/15/2010	--	8.64	NP	--	--	--
PW-2	3/4/2011	--	5.05	NP	--	--	--
PW-2	8/24/2011	--	8.54	NP	--	--	--
PW-2	5/10/2012	--	5.40	NP	--	--	--
PW-2	11/15/2012	--	8.02	NP	--	--	--
PW-2	12/17/2012	--	7.70	NP	--	--	--
PW-2	3/27/2013	--	6.04	NP	--	--	--
PW-2	6/24/2014	--	7.54	NP	--	--	--
PW-2	11/7/2014	--	6.40	NP	--	--	--
PW-2	11/8/2014	--	6.26	NP	--	--	--
PW-2	11/8/2014	--	6.65	NP	--	--	--
PW-2	11/9/2014	--	--	--	--	--	NG
PW-2	11/10/2014	--	6.41	NP	--	--	--
PW-2	11/12/2014	--	6.54	NP	--	--	--
PW-2	11/18/2014	--	7.05	NP	--	--	--
PW-2	11/19/2014	--	7.07	NP	--	--	--
PW-2	12/1/2014	--	6.02	NP	--	--	--
PW-2	12/8/2014	--	6.35	NP	--	--	--
PW-2	12/15/2014	--	--	--	--	--	NG
PW-2	12/22/2014	--	5.67	NP	--	--	--
PW-2	12/29/2014	--	5.13	NP	--	--	--
PW-2	1/5/2015	--	3.87	NP	--	--	--
PW-2	1/12/2015	--	5.26	NP	--	--	--
PW-2	1/19/2015	--	5.00	NP	--	--	--
PW-2	1/26/2015	--	4.84	NP	--	--	--
PW-2	2/2/2015	--	5.85	NP	--	--	--
PW-2	2/9/2015	--	4.85	NP	--	--	--
PW-2	2/16/2015	--	5.21	NP	--	--	--
PW-2	2/23/2015	--	5.89	NP	--	--	--
PW-2	3/2/2015	--	5.80	NP	--	--	--
PW-2	3/9/2015	--	6.35	NP	--	--	--
PW-2	3/16/2015	--	5.91	NP	--	--	--
PW-2	3/23/2015	--	5.44	NP	--	--	--
PW-2	3/30/2015	--	5.60	NP	--	--	--
PW-2	4/6/2015	--	6.17	NP	--	--	--
PW-2	4/22/2015	--	7.04	NP	--	--	--
PW-2	5/4/2015	--	7.20	NP	--	--	--
PW-2	5/18/2015	--	7.53	NP	--	--	--
PW-2	6/1/2015	--	8.95	NP	--	--	--
PW-2	6/15/2015	--	8.28	NP	--	--	--

TABLE 2
Groundwater Gauging Data
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16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
PW-2	6/19/2015	--	8.38	NP	--	--	--
PW-2	6/29/2015	--	8.62	NP	--	--	--
PW-2	7/13/2015	--	8.87	NP	--	--	--
PW-2	7/28/2015	--	9.11	NP	--	--	--
PW-2	8/10/2015	--	9.30	NP	--	--	--
PW-2	8/24/2015	--	--	--	--	--	WI
PW-2	9/8/2015	--	--	--	--	--	WI
PW-2	9/21/2015	--	9.54	NP	--	--	--
PW-2	10/5/2015	--	9.59	NP	--	--	--
PW-2	10/12/2015	--	9.61	NP	--	--	--
PW-2	10/19/2015	--	9.63	NP	--	--	--
PW-2	11/2/2015	--	--	--	--	--	NG
PW-2	11/16/2015	--	--	--	--	--	NG
PW-2	11/30/2015	--	--	--	--	--	--
PW-2	1/18/2016	--	5.98	NP	--	--	--
PW-2	2/1/2016	--	4.98	NP	--	--	--
PW-2	2/15/2016	--	3.90	NP	--	--	--
PW-2	3/7/2016	--	5.72	NP	--	--	--
PW-2	3/29/2016	--	5.23	NP	--	--	--
PW-2	4/5/2016	--	--	--	--	--	NG
PW-2	4/19/2016	--	6.36	NP	--	--	--
PW-2	5/10/2016	--	--	--	--	--	WI
PW-2	5/24/2016	--	7.53	NP	--	--	--
PW-2	6/7/2016	--	7.81	NP	--	--	--
PW-2	6/21/2016	--	7.70	NP	--	--	--
PW-2	7/19/2016	--	8.23	NP	--	--	--
PW-2	8/23/2016	--	9.01	NP	--	--	--
PW-2	9/20/2016	--	8.91	NP	--	--	--
PW-2	11/8/2016	--	6.22	NP	--	--	--
PW-2	12/6/2016	--	5.35	NP	--	--	--

TABLE 2
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
PW-3	1/20/2009	--	4.51	NP	--	--	--
PW-3	3/17/2010	--	6.01	NP	--	--	--
PW-3	9/15/2010	--	8.04	NP	--	--	--
PW-3	3/4/2011	--	4.25	NP	--	--	--
PW-3	8/24/2011	--	7.97	NP	--	--	--
PW-3	5/10/2012	--	4.73	NP	--	--	--
PW-3	11/15/2012	--	6.96	NP	--	--	--
PW-3	3/27/2013	--	5.16	NP	--	--	--
PW-3	12/17/2013	--	6.86	NP	--	--	--
PW-3	6/24/2014	--	6.86	NP	--	--	--
PW-3	11/7/2014	--	5.30	NP	--	--	--
PW-3	11/8/2014	--	5.24	NP	--	--	--
PW-3	11/8/2014	--	5.36	NP	--	--	--
PW-3	11/9/2014	--	--	--	--	--	NG
PW-3	11/10/2014	--	5.36	NP	--	--	--
PW-3	11/12/2014	--	5.53	NP	--	--	--
PW-3	11/18/2014	--	6.11	NP	--	--	--
PW-3	11/19/2014	--	6.13	NP	--	--	--
PW-3	12/1/2014	--	5.09	NP	--	--	--
PW-3	12/8/2014	--	5.32	NP	--	--	--
PW-3	12/15/2014	--	--	--	--	--	NG
PW-3	12/22/2014	--	4.74	NP	--	--	--
PW-3	12/29/2014	--	4.34	NP	--	--	--
PW-3	1/5/2015	--	2.05	NP	--	--	--
PW-3	1/12/2015	--	4.49	NP	--	--	--
PW-3	1/19/2015	--	4.13	NP	--	--	--
PW-3	1/26/2015	--	4.02	NP	--	--	--
PW-3	2/2/2015	--	3.83	NP	--	--	--
PW-3	2/9/2015	--	3.97	NP	--	--	--
PW-3	2/16/2015	--	4.42	NP	--	--	--
PW-3	2/23/2015	--	4.96	NP	--	--	--
PW-3	3/2/2015	--	4.85	NP	--	--	--
PW-3	3/9/2015	--	5.49	NP	--	--	--
PW-3	3/16/2015	--	4.89	NP	--	--	--
PW-3	3/23/2015	--	4.54	NP	--	--	--
PW-3	3/30/2015	--	4.68	NP	--	--	--
PW-3	4/6/2015	--	5.37	NP	--	--	--
PW-3	4/22/2015	--	6.22	NP	--	--	--
PW-3	5/4/2015	--	6.44	NP	--	--	--
PW-3	5/18/2015	--	6.85	NP	--	--	--
PW-3	6/1/2015	--	7.40	NP	--	--	--

TABLE 2
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
PW-3	6/15/2015	--	7.77	NP	--	--	--
PW-3	6/19/2015	--	7.88	NP	--	--	--
PW-3	6/29/2015	--	8.15	NP	--	--	--
PW-3	7/13/2015	--	8.48	NP	--	--	--
PW-3	7/28/2015	--	8.80	NP	--	--	--
PW-3	8/10/2015	--	9.09	NP	--	--	--
PW-3	8/24/2015	--	--	--	--	--	WI
PW-3	9/8/2015	--	--	--	--	--	WI
PW-3	9/21/2015	--	8.79	NP	--	--	--
PW-3	10/5/2015	--	8.93	NP	--	--	--
PW-3	10/12/2015	--	8.96	NP	--	--	--
PW-3	10/19/2015	--	9.03	NP	--	--	--
PW-3	11/2/2015	--	--	--	--	--	NG
PW-3	11/16/2015	--	--	--	--	--	NG
PW-3	11/30/2015	--	--	--	--	--	--
PW-3	1/18/2016	--	5.05	NP	--	--	--
PW-3	2/1/2016	--	4.06	NP	--	--	--
PW-3	2/15/2016	--	3.04	NP	--	--	--
PW-3	3/7/2016	--	4.85	NP	--	--	--
PW-3	3/29/2016	--	4.34	NP	--	--	--
PW-3	4/5/2016	--	--	--	--	--	NG
PW-3	4/19/2016	--	5.48	NP	--	--	--
PW-3	5/10/2016	--	6.34	NP	--	--	--
PW-3	5/24/2016	--	6.80	NP	--	--	--
PW-3	6/7/2016	--	7.11	NP	--	--	--
PW-3	6/21/2016	--	6.79	NP	--	--	--
PW-3	7/19/2016	--	7.71	NP	--	--	--
PW-3	8/23/2016	--	8.62	NP	--	--	--
PW-3	9/20/2016	--	8.00	NP	--	--	--
PW-3	11/8/2016	--	5.25	NP	--	--	--
PW-3	12/6/2016	--	4.46	NP	--	--	--

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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
PW-4	6/23/1992	99.94	6.21	NP	--	93.73	--
PW-4	7/2/1992	99.94	5.76	NP	--	94.18	--
PW-4	8/17/1992	99.94	6.28	NP	--	93.66	--
PW-4	9/30/1992	99.94	6.66	NP	--	93.28	--
PW-4	10/30/1992	99.94	6.30	NP	--	93.64	--
PW-4	11/30/1992	99.94	4.04	NP	--	95.90	--
PW-4	4/16/1993	99.94	4.63	NP	--	95.31	--
PW-4	10/3/2000	99.94	7.21	7.19	0.02	92.74	--
PW-4	2/28/2001	99.94	4.70	NP	--	95.24	--
PW-4	5/30/2001	99.94	5.37	NP	--	94.57	--
PW-4	8/22/2001	99.94	7.31	7.23	0.08	92.69	--
PW-4	11/21/2001	99.94	4.94	NP	--	95.00	--
PW-4	2/20/2002	99.94	3.85	NP	--	96.09	--
PW-4	5/16/2002	99.94	4.64	NP	--	95.30	--
PW-4	8/2/2002	99.94	6.51	6.50	0.01	93.44	--
PW-4	12/19/2002	99.94	7.04	NP	--	92.90	--
PW-4	5/19/2003	99.94	5.57	5.41	0.16	94.49	--
PW-4	11/13/2003	99.94	6.12	NP	--	93.82	--
PW-4	6/4/2004	99.94	5.57	5.39	0.18	94.51	--
PW-4	10/7/2004	99.94	6.17	6.05	0.12	93.86	--
PW-4	4/28/2005	99.94	4.31	4.21	0.10	95.70	--
PW-4	11/16/2005	99.94	5.01	4.88	0.13	95.03	--
PW-4	6/13/2006	99.94	5.55	NP	--	94.39	--
PW-4	2/26/2007	99.94	3.10	2.72	0.38	97.13	--
PW-4	5/9/2007	99.94	5.37	NP	--	94.57	--
PW-4	7/16/2007	99.94	6.92	6.88	0.04	93.05	--
PW-4	8/22/2007	99.94	7.51	7.48	0.03	92.45	--
PW-4	9/25/2007	99.94	8.82	NP	--	91.12	--
PW-4	10/25/2007	99.94	5.82	NP	--	94.12	--
PW-4	11/9/2007	99.94	--	--	--	--	NG
PW-4	12/3/2007	99.94	5.50	NP	--	94.44	--
PW-4	1/17/2008	99.94	3.41	NP	--	96.53	--
PW-4	4/7/2008	99.94	3.33	NP	--	96.61	--
PW-4	7/22/2008	99.94	6.95	6.15	0.80	93.59	--
PW-4	10/21/2008	99.94	7.81	7.29	0.52	92.52	--
PW-4	7/6/2009	99.94	7.15	6.84	0.31	93.02	--
PW-4	3/17/2010	99.94	5.00	4.76	0.24	95.12	--
PW-4	9/15/2010	99.94	7.22	6.65	0.57	93.15	--
PW-4	3/4/2011	99.94	3.09	NP	--	96.85	--
PW-4	8/24/2011	99.94	7.01	6.69	0.32	93.17	--
PW-4	11/8/2011	99.94	6.99	NP	--	92.95	--

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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
PW-4	5/10/2012	99.94	3.46	NP	--	96.48	--
PW-4	11/15/2012	99.94	5.64	NP	--	94.30	--
PW-4	3/27/2013	99.94	4.04	NP	--	95.90	--
PW-4	12/17/2013	99.94	3.49	NP	--	96.45	--
PW-4	6/24/2014	99.94	5.75	5.61	0.14	94.30	--
PW-4	11/7/2014	99.94	4.09	NP	--	95.85	--
PW-4	11/8/2014	99.94	--	--	--	--	NG
PW-4	11/8/2014	99.94	--	--	--	--	NG
PW-4	11/9/2014	99.94	--	--	--	--	NG
PW-4	11/10/2014	99.94	3.92	NP	--	96.02	--
PW-4	11/12/2014	99.94	4.04	NP	--	95.90	--
PW-4	11/18/2014	99.94	4.71	NP	--	95.23	--
PW-4	11/19/2014	99.94	4.72	NP	--	95.22	--
PW-4	12/1/2014	99.94	3.53	NP	--	96.41	--
PW-4	12/8/2014	99.94	3.81	NP	--	96.13	--
PW-4	12/15/2014	99.94	--	--	--	--	NG
PW-4	12/22/2014	99.94	3.30	NP	--	96.64	--
PW-4	12/29/2014	99.94	2.94	NP	--	97.00	--
PW-4	1/5/2015	99.94	1.90	NP	--	98.04	--
PW-4	1/12/2015	99.94	3.10	NP	--	96.84	--
PW-4	1/19/2015	99.94	2.88	NP	--	97.06	--
PW-4	1/26/2015	99.94	2.58	NP	--	97.36	--
PW-4	2/2/2015	99.94	2.46	NP	--	97.48	--
PW-4	2/9/2015	99.94	2.60	NP	--	97.34	--
PW-4	2/16/2015	99.94	2.97	NP	--	96.97	--
PW-4	2/23/2015	99.94	3.54	NP	--	96.40	--
PW-4	3/2/2015	99.94	3.44	NP	--	96.50	--
PW-4	3/9/2015	99.94	4.11	4.09	0.02	95.84	--
PW-4	3/16/2015	99.94	3.47	NP	--	96.47	--
PW-4	3/23/2015	99.94	2.08	NP	--	97.86	--
PW-4	3/30/2015	99.94	3.25	NP	--	96.69	--
PW-4	4/6/2015	99.94	4.03	3.99	0.04	95.94	--
PW-4	4/22/2015	99.94	4.97	NP	--	94.97	--
PW-4	5/4/2015	99.94	5.20	5.15	0.05	94.78	--
PW-4	5/18/2015	99.94	5.61	5.59	0.02	94.34	--
PW-4	6/1/2015	99.94	8.21	NP	--	91.73	--
PW-4	6/15/2015	99.94	6.58	NP	--	93.36	--
PW-4	6/19/2015	99.94	6.97	NP	--	92.97	--
PW-4	6/29/2015	99.94	7.15	NP	--	92.79	--
PW-4	7/13/2015	99.94	7.47	NP	--	92.47	--
PW-4	7/28/2015	99.94	7.72	NP	--	92.22	--

TABLE 2
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
PW-4	8/24/2015	99.94	8.05	NP	--	91.89	--
PW-4	9/8/2015	99.94	7.74	NP	--	92.20	--
PW-4	9/21/2015	99.94	7.58	NP	--	92.36	--
PW-4	10/5/2015	99.94	7.75	NP	--	92.19	--
PW-4	10/12/2015	99.94	7.81	NP	--	92.13	--
PW-4	10/19/2015	99.94	7.80	NP	--	92.14	--
PW-4	11/2/2015	99.94	--	--	--	--	NG
PW-4	11/16/2015	99.94	4.44	NP	--	95.50	--
PW-4	11/30/2015	99.94	--	--	--	--	--
PW-4	1/18/2016	99.94	3.97	NP	--	95.97	--
PW-4	2/1/2016	99.94	2.90	NP	--	97.04	--
PW-4	2/15/2016	99.94	2.15	2.14	0.01	97.80	--
PW-4	3/7/2016	99.94	3.60	NP	--	96.34	--
PW-4	3/29/2016	99.94	3.26	3.25	0.01	96.69	--
PW-4	4/5/2016	99.94	--	--	--	--	NG
PW-4	4/19/2016	99.94	4.20	4.11	0.09	95.81	--
PW-4	5/10/2016	99.94	--	--	--	--	WI
PW-4	5/24/2016	99.94	5.83	NP	--	94.11	--
PW-4	6/7/2016	99.94	5.92	NP	--	94.02	--
PW-4	6/21/2016	99.94	5.53	NP	--	94.41	--
PW-4	7/19/2016	99.94	6.52	NP	--	93.42	--
PW-4	8/23/2016	99.94	7.44	7.43	0.01	92.51	--
PW-4	9/20/2016	99.94	7.14	NP	--	92.80	--
PW-4	11/8/2016	99.94	4.25	NP	--	95.69	--
PW-4	12/6/2016	99.94	3.11	NP	--	96.83	--

TABLE 2
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Allen Pump Station
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
PW-5A	3/17/2010	--	4.81	NP	--	--	--
PW-5A	9/15/2010	--	7.36	NP	--	--	--
PW-5A	3/4/2011	--	3.11	NP	--	--	--
PW-5A	8/24/2011	--	7.32	NP	--	--	--
PW-5A	5/10/2012	--	3.67	NP	--	--	--
PW-5A	11/15/2012	--	5.92	NP	--	--	--
PW-5A	3/27/2013	--	4.40	NP	--	--	--
PW-5A	12/17/2013	--	6.22	NP	--	--	--
PW-5A	6/24/2014	--	6.13	NP	--	--	--
PW-5A	11/7/2014	--	4.45	NP	--	--	--
PW-5A	11/8/2014	--	--	--	--	--	NG
PW-5A	11/9/2014	--	--	--	--	--	NG
PW-5A	11/10/2014	--	4.89	NP	--	--	--
PW-5A	11/12/2014	--	5.02	NP	--	--	--
PW-5A	11/18/2014	--	5.51	NP	--	--	--
PW-5A	11/19/2014	--	5.52	NP	--	--	--
PW-5A	12/1/2014	--	4.47	NP	--	--	--
PW-5A	12/8/2014	--	4.43	NP	--	--	--
PW-5A	12/15/2014	--	--	--	--	--	NG
PW-5A	12/22/2014	--	3.73	NP	--	--	--
PW-5A	12/29/2014	--	3.42	NP	--	--	--
PW-5A	1/5/2015	--	2.22	NP	--	--	--
PW-5A	1/12/2015	--	3.54	NP	--	--	--
PW-5A	1/19/2015	--	3.15	NP	--	--	--
PW-5A	1/26/2015	--	3.22	NP	--	--	--
PW-5A	2/2/2015	--	4.03	NP	--	--	--
PW-5A	2/9/2015	--	3.24	NP	--	--	--
PW-5A	2/16/2015	--	3.55	NP	--	--	--
PW-5A	2/23/2015	--	4.00	NP	--	--	--
PW-5A	3/2/2015	--	3.87	NP	--	--	--
PW-5A	3/9/2015	--	4.81	NP	--	--	--
PW-5A	3/16/2015	--	3.51	NP	--	--	--
PW-5A	3/23/2015	--	3.69	NP	--	--	--
PW-5A	3/30/2015	--	3.87	NP	--	--	--
PW-5A	4/6/2015	--	4.68	NP	--	--	--
PW-5A	4/22/2015	--	5.56	NP	--	--	--
PW-5A	5/4/2015	--	5.74	NP	--	--	--
PW-5A	5/18/2015	--	6.14	NP	--	--	--
PW-5A	6/1/2015	--	6.69	NP	--	--	--
PW-5A	6/15/2015	--	7.06	NP	--	--	--
PW-5A	6/19/2015	--	7.20	NP	--	--	--

TABLE 2
Groundwater Gauging Data
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
PW-5A	6/29/2015	--	7.45	NP	--	--	--
PW-5A	7/13/2015	--	7.78	NP	--	--	--
PW-5A	7/28/2015	--	--	--	--	--	WI
PW-5A	8/24/2015	--	8.62	NP	--	--	--
PW-5A	9/8/2015	--	--	--	--	--	WI
PW-5A	9/21/2015	--	8.15	NP	--	--	--
PW-5A	10/5/2015	--	8.32	NP	--	--	--
PW-5A	10/12/2015	--	8.39	NP	--	--	--
PW-5A	10/19/2015	--	8.52	NP	--	--	--
PW-5A	11/2/2015	--	--	--	--	--	NG
PW-5A	11/16/2015	--	--	--	--	--	NG
PW-5A	11/30/2015	--	--	--	--	--	--
PW-5A	1/18/2016	--	4.17	NP	--	--	--
PW-5A	2/1/2016	--	3.27	NP	--	--	--
PW-5A	2/15/2016	--	2.40	NP	--	--	--
PW-5A	3/7/2016	--	3.89	NP	--	--	--
PW-5A	3/29/2016	--	3.51	NP	--	--	--
PW-5A	4/5/2016	--	--	--	--	--	NG
PW-5A	4/19/2016	--	4.78	NP	--	--	--
PW-5A	5/10/2016	--	5.66	NP	--	--	--
PW-5A	5/24/2016	--	6.12	NP	--	--	--
PW-5A	6/7/2016	--	6.42	NP	--	--	--
PW-5A	6/21/2016	--	6.00	NP	--	--	--
PW-5A	7/19/2016	--	7.01	NP	--	--	--
PW-5A	8/23/2016	--	8.94	NP	--	--	--
PW-5A	9/20/2016	--	7.36	NP	--	--	--
PW-5A	11/8/2016	--	4.60	NP	--	--	--
PW-5A	12/6/2016	--	3.59	NP	--	--	--

TABLE 2
Groundwater Gauging Data
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
PW-6	1/20/2009	--	4.98	NP	--	--	--
PW-6	3/17/2010	--	6.66	NP	--	--	--
PW-6	9/15/2010	--	8.56	NP	--	--	--
PW-6	3/4/2011	--	4.79	NP	--	--	--
PW-6	8/24/2011	--	8.55	NP	--	--	--
PW-6	5/10/2012	--	5.22	NP	--	--	--
PW-6	11/15/2012	--	7.56	NP	--	--	--
PW-6	3/27/2013	--	5.65	NP	--	--	--
PW-6	12/17/2013	--	7.35	NP	--	--	--
PW-6	6/24/2014	--	7.36	NP	--	--	--
PW-6	11/7/2014	--	6.00	NP	--	--	--
PW-6	11/8/2014	--	--	--	--	--	NG
PW-6	11/9/2014	--	--	--	--	--	NG
PW-6	11/10/2014	--	5.98	NP	--	--	--
PW-6	11/12/2014	--	6.18	NP	--	--	--
PW-6	11/18/2014	--	6.74	NP	--	--	--
PW-6	11/19/2014	--	6.74	NP	--	--	--
PW-6	12/1/2014	--	5.72	NP	--	--	--
PW-6	12/8/2014	--	5.94	NP	--	--	--
PW-6	12/15/2014	--	--	--	--	--	NG
PW-6	12/22/2014	--	5.33	NP	--	--	--
PW-6	12/29/2014	--	4.90	NP	--	--	--
PW-6	1/5/2015	--	3.79	NP	--	--	--
PW-6	1/12/2015	--	5.02	NP	--	--	--
PW-6	1/19/2015	--	4.91	NP	--	--	--
PW-6	1/26/2015	--	4.60	NP	--	--	--
PW-6	2/2/2015	--	5.43	NP	--	--	--
PW-6	2/9/2015	--	4.63	NP	--	--	--
PW-6	2/16/2015	--	4.93	NP	--	--	--
PW-6	2/23/2015	--	5.50	NP	--	--	--
PW-6	3/2/2015	--	5.41	NP	--	--	--
PW-6	3/9/2015	--	6.01	NP	--	--	--
PW-6	3/16/2015	--	5.48	NP	--	--	--
PW-6	3/23/2015	--	5.09	NP	--	--	--
PW-6	3/30/2015	--	5.20	NP	--	--	--
PW-6	4/6/2015	--	5.90	NP	--	--	--
PW-6	4/22/2015	--	6.72	NP	--	--	--
PW-6	5/4/2015	--	6.97	NP	--	--	--
PW-6	5/18/2015	--	7.37	NP	--	--	--
PW-6	6/1/2015	--	7.94	NP	--	--	--
PW-6	6/15/2015	--	8.34	NP	--	--	--

TABLE 2
Groundwater Gauging Data
Allen Pump Station
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
PW-6	6/19/2015	--	8.44	NP	--	--	--
PW-6	6/29/2015	--	8.73	NP	--	--	--
PW-6	7/13/2015	--	9.06	NP	--	--	--
PW-6	7/28/2015	--	9.37	NP	--	--	--
PW-6	8/24/2015	--	--	--	--	--	Dry
PW-6	9/8/2015	--	--	--	--	--	WI
PW-6	9/21/2015	--	9.35	NP	--	--	--
PW-6	10/5/2015	--	9.52	NP	--	--	--
PW-6	10/12/2015	--	9.60	NP	--	--	--
PW-6	10/19/2015	--	9.64	NP	--	--	--
PW-6	11/2/2015	--	--	--	--	--	NG
PW-6	11/16/2015	--	--	--	--	--	NG
PW-6	11/30/2015	--	--	--	--	--	--
PW-6	1/18/2016	--	5.57	NP	--	--	--
PW-6	2/1/2016	--	4.61	NP	--	--	--
PW-6	2/15/2016	--	3.61	NP	--	--	--
PW-6	3/7/2016	--	5.32	NP	--	--	--
PW-6	3/29/2016	--	4.86	NP	--	--	--
PW-6	4/5/2016	--	--	--	--	--	NG
PW-6	4/19/2016	--	6.00	NP	--	--	--
PW-6	5/10/2016	--	6.86	NP	--	--	--
PW-6	5/24/2016	--	7.32	NP	--	--	--
PW-6	6/7/2016	--	7.63	NP	--	--	--
PW-6	6/21/2016	--	7.31	NP	--	--	--
PW-6	7/19/2016	--	8.25	NP	--	--	--
PW-6	8/23/2016	--	9.13	NP	--	--	--
PW-6	9/20/2016	--	8.57	NP	--	--	--
PW-6	11/8/2016	--	5.71	NP	--	--	--
PW-6	12/6/2016	--	4.92	NP	--	--	--

TABLE 2
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
RW-1	11/17/2014	--	4.96	NP	--	--	--
RW-1	11/18/2014	--	5.35	NP	--	--	--
RW-1	11/19/2014	--	5.35	NP	--	--	--
RW-1	12/1/2014	96.57	2.21	NP	--	94.36	--
RW-1	12/8/2014	96.57	2.89	NP	--	93.68	--
RW-1	12/15/2014	96.57	2.26	NP	--	94.31	--
RW-1	12/22/2014	96.57	2.40	NP	--	94.17	--
RW-1	12/29/2014	96.57	2.00	1.97	0.03	94.59	--
RW-1	1/5/2015	96.57	0.50	NP	--	96.07	--
RW-1	1/12/2015	96.57	2.38	2.37	0.01	94.20	--
RW-1	1/13/2015	96.57	2.65	NP	--	93.92	--
RW-1	1/14/2015	96.57	2.73	NP	--	93.84	--
RW-1	1/19/2015	96.57	1.82	1.81	0.01	94.76	--
RW-1	1/26/2015	96.57	2.80	2.78	0.02	93.79	--
RW-1	2/2/2015	96.57	2.53	NP	--	94.04	--
RW-1	2/9/2015	96.57	1.68	1.65	0.03	94.91	--
RW-1	2/16/2015	96.57	2.02	NP	--	94.55	--
RW-1	2/23/2015	96.57	2.60	NP	--	93.97	--
RW-1	3/2/2015	96.57	2.54	2.52	0.02	94.05	--
RW-1	3/9/2015	96.57	3.12	NP	--	93.45	--
RW-1	3/16/2015	96.57	2.25	NP	--	94.32	--
RW-1	3/23/2015	96.57	2.10	2.09	0.01	94.48	--
RW-1	3/30/2015	96.57	2.30	2.29	0.01	94.28	--
RW-1	4/6/2015	96.57	3.06	NP	--	93.51	--
RW-1	4/7/2015	96.57	3.35	3.34	0.01	93.23	--
RW-1	4/22/2015	96.57	4.22	4.21	0.01	92.36	--
RW-1	5/4/2015	96.57	4.49	4.45	0.04	92.11	--
RW-1	5/18/2015	96.57	4.98	4.97	0.01	91.60	--
RW-1	6/1/2015	96.57	5.62	NP	--	90.95	--
RW-1	6/15/2015	96.57	6.12	6.10	0.02	90.46	--
RW-1	6/19/2015	96.57	6.27	6.26	0.01	90.31	--
RW-1	6/29/2015	96.57	6.56	6.55	0.01	90.02	--
RW-1	7/13/2015	96.57	6.93	6.92	0.01	89.65	--
RW-1	7/28/2015	96.57	7.26	NP	--	89.31	--
RW-1	8/10/2015	96.57	7.47	NP	--	89.10	--
RW-1	8/24/2015	96.57	7.34	NP	--	89.23	--
RW-1	9/8/2015	96.57	--	--	--	--	WI
RW-1	9/21/2015	96.57	--	--	--	--	NG
RW-1	10/5/2015	96.57	--	--	--	--	NG
RW-1	10/12/2015	96.57	--	--	--	--	WI
RW-1	10/19/2015	96.57	8.21	NP	--	88.36	--

TABLE 2
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
RW-1	11/2/2015	96.57	--	--	--	--	WI
RW-1	11/16/2015	96.57	--	--	--	--	NG
RW-1	11/30/2015	96.57	--	--	--	--	--
RW-1	1/18/2016	96.57	2.56	NP	--	94.01	--
RW-1	2/1/2016	96.57	1.77	NP	--	94.80	--
RW-1	2/15/2016	96.57	--	--	--	--	NG
RW-1	3/7/2016	96.57	2.43	NP	--	94.14	--
RW-1	3/29/2016	96.57	1.98	NP	--	94.59	--
RW-1	4/5/2016	96.57	2.18	NP	--	94.39	--
RW-1	4/19/2016	96.57	3.25	NP	--	93.32	--
RW-1	5/10/2016	96.57	4.35	NP	--	92.22	--
RW-1	5/24/2016	96.57	4.79	NP	--	91.78	--
RW-1	6/7/2016	96.57	5.16	NP	--	91.41	--
RW-1	6/21/2016	96.57	4.71	NP	--	91.86	--
RW-1	7/19/2016	96.57	5.88	NP	--	90.69	--
RW-1	8/23/2016	96.57	6.81	NP	--	89.76	--
RW-1	9/20/2016	96.57	6.19	NP	--	90.38	--
RW-1	11/8/2016	96.57	2.57	NP	--	94.00	--
RW-1	12/6/2016	96.57	2.05	NP	--	94.52	--

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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
RW-2	11/17/2014	--	7.78	NP	--	--	--
RW-2	11/18/2014	--	8.68	NP	--	--	--
RW-2	11/19/2014	--	8.63	NP	--	--	--
RW-2	12/1/2014	96.97	3.20	NP	--	93.77	--
RW-2	12/8/2014	96.97	3.46	NP	--	93.51	--
RW-2	12/15/2014	96.97	2.80	NP	--	94.17	--
RW-2	12/22/2014	96.97	2.90	NP	--	94.07	--
RW-2	12/29/2014	96.97	2.38	NP	--	94.59	--
RW-2	1/5/2015	96.97	--	--	--	--	NG
RW-2	1/12/2015	96.97	2.12	NP	--	94.85	--
RW-2	1/13/2015	96.97	3.50	NP	--	93.47	--
RW-2	1/14/2015	96.97	3.31	NP	--	93.66	--
RW-2	1/19/2015	96.97	2.44	NP	--	94.53	--
RW-2	1/26/2015	96.97	2.27	NP	--	94.70	--
RW-2	2/2/2015	96.97	3.14	NP	--	93.83	--
RW-2	2/9/2015	96.97	2.13	NP	--	94.84	--
RW-2	2/16/2015	96.97	2.47	NP	--	94.50	--
RW-2	2/23/2015	96.97	3.10	NP	--	93.87	--
RW-2	3/2/2015	96.97	2.94	NP	--	94.03	--
RW-2	3/9/2015	96.97	3.53	NP	--	93.44	--
RW-2	3/16/2015	96.97	2.71	NP	--	94.26	--
RW-2	3/23/2015	96.97	2.54	NP	--	94.43	--
RW-2	3/30/2015	96.97	2.69	NP	--	94.28	--
RW-2	4/6/2015	96.97	3.35	NP	--	93.62	--
RW-2	4/7/2015	96.97	4.02	NP	--	92.95	--
RW-2	4/22/2015	96.97	4.63	NP	--	92.34	--
RW-2	5/4/2015	96.97	4.80	NP	--	92.17	--
RW-2	5/18/2015	96.97	5.33	NP	--	91.64	--
RW-2	6/1/2015	96.97	6.05	NP	--	90.92	--
RW-2	6/15/2015	96.97	6.51	NP	--	90.46	--
RW-2	6/19/2015	96.97	6.60	NP	--	90.37	--
RW-2	6/29/2015	96.97	6.92	NP	--	90.05	--
RW-2	7/13/2015	96.97	--	--	--	--	Dry
RW-2	7/28/2015	96.97	--	--	--	--	Dry
RW-2	8/10/2015	96.97	--	--	--	--	Dry
RW-2	8/24/2015	96.97	--	--	--	--	Dry
RW-2	9/8/2015	96.97	--	--	--	--	WI
RW-2	9/21/2015	96.97	7.13	NP	--	89.84	--
RW-2	10/5/2015	96.97	--	--	--	--	WI
RW-2	10/12/2015	96.97	--	--	--	--	WI
RW-2	10/19/2015	96.97	--	--	--	--	NG

TABLE 2
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
RW-2	11/2/2015	96.97	--	--	--	--	WI
RW-2	11/16/2015	96.97	--	--	--	--	NG
RW-2	11/30/2015	96.97	--	--	--	--	--
RW-2	1/18/2016	96.97	2.68	NP	--	94.29	--
RW-2	2/1/2016	96.97	1.90	NP	--	95.07	--
RW-2	2/15/2016	96.97	0.04	NP	--	96.93	--
RW-2	3/7/2016	96.97	2.57	NP	--	94.40	--
RW-2	3/29/2016	96.97	2.09	NP	--	94.88	--
RW-2	4/5/2016	96.97	2.09	NP	--	94.88	--
RW-2	4/19/2016	96.97	3.50	NP	--	93.47	--
RW-2	5/10/2016	96.97	4.61	NP	--	92.36	--
RW-2	5/24/2016	96.97	5.10	NP	--	91.87	--
RW-2	6/7/2016	96.97	5.45	NP	--	91.52	--
RW-2	6/21/2016	96.97	4.68	NP	--	92.29	--
RW-2	7/19/2016	96.97	6.18	NP	--	90.79	--
RW-2	8/23/2016	96.97	--	--	--	--	Dry
RW-2	9/20/2016	96.97	--	--	--	--	Dry
RW-2	11/8/2016	96.97	2.31	NP	--	94.66	--
RW-2	12/6/2016	96.97	--	--	--	--	Dry

TABLE 2
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
RW-3	11/17/2014	--	8.73	8.70	0.03	--	--
RW-3	11/18/2014	--	9.70	NP	--	--	--
RW-3	11/19/2014	--	9.72	9.70	0.02	--	--
RW-3	12/1/2014	97.07	4.32	NP	--	92.75	--
RW-3	12/8/2014	97.07	4.52	NP	--	92.55	--
RW-3	12/15/2014	97.07	3.90	NP	--	93.17	--
RW-3	12/22/2014	97.07	3.95	NP	--	93.12	--
RW-3	12/29/2014	97.07	3.37	NP	--	93.70	--
RW-3	1/5/2015	97.07	--	--	--	--	NG
RW-3	1/12/2015	97.07	3.30	NP	--	93.77	--
RW-3	1/13/2015	97.07	3.80	NP	--	93.27	--
RW-3	1/14/2015	97.07	3.87	NP	--	93.20	--
RW-3	1/19/2015	97.07	2.76	NP	--	94.31	--
RW-3	1/26/2015	97.07	3.14	NP	--	93.93	--
RW-3	2/2/2015	97.07	3.96	NP	--	93.11	--
RW-3	2/9/2015	97.07	2.81	NP	--	94.26	--
RW-3	2/16/2015	97.07	3.28	NP	--	93.79	--
RW-3	2/23/2015	97.07	3.89	NP	--	93.18	--
RW-3	3/2/2015	97.07	3.79	NP	--	93.28	--
RW-3	3/9/2015	97.07	4.26	NP	--	92.81	--
RW-3	3/16/2015	97.07	3.40	NP	--	93.67	--
RW-3	3/23/2015	97.07	3.50	NP	--	93.57	--
RW-3	3/30/2015	97.07	3.61	3.60	0.01	93.47	--
RW-3	4/6/2015	97.07	4.12	NP	--	92.95	--
RW-3	4/7/2015	97.07	4.17	NP	--	92.90	--
RW-3	4/22/2015	97.07	4.80	NP	--	92.27	--
RW-3	5/4/2015	97.07	5.58	NP	--	91.49	--
RW-3	5/18/2015	97.07	6.13	NP	--	90.94	--
RW-3	6/1/2015	97.07	6.69	NP	--	90.38	--
RW-3	6/15/2015	97.07	7.00	NP	--	90.07	--
RW-3	6/19/2015	97.07	6.45	NP	--	90.62	--
RW-3	6/29/2015	97.07	7.33	NP	--	89.74	--
RW-3	7/13/2015	97.07	7.72	NP	--	89.35	--
RW-3	7/28/2015	97.07	8.06	NP	--	89.01	--
RW-3	8/10/2015	97.07	8.33	NP	--	88.74	--
RW-3	8/24/2015	97.07	8.55	NP	--	88.52	--
RW-3	9/8/2015	97.07	--	--	--	--	WI
RW-3	9/21/2015	97.07	--	--	--	--	NG
RW-3	10/5/2015	97.07	--	--	--	--	WI
RW-3	10/12/2015	97.07	--	--	--	--	WI
RW-3	10/19/2015	97.07	--	--	--	--	NG

TABLE 2
Groundwater Gauging Data
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
RW-3	11/2/2015	97.07	--	--	--	--	WI
RW-3	11/16/2015	97.07	--	--	--	--	NG
RW-3	11/30/2015	97.07	--	--	--	--	--
RW-3	1/18/2016	97.07	3.12	NP	--	93.95	--
RW-3	2/1/2016	97.07	2.25	NP	--	94.82	--
RW-3	2/15/2016	97.07	--	--	--	--	--
RW-3	3/7/2016	97.07	2.92	NP	--	94.15	--
RW-3	3/29/2016	97.07	2.48	NP	--	94.59	--
RW-3	4/5/2016	97.07	2.67	NP	--	94.40	--
RW-3	4/19/2016	97.07	3.65	NP	--	93.42	--
RW-3	5/10/2016	97.07	4.70	NP	--	92.37	--
RW-3	5/24/2016	97.07	5.17	NP	--	91.90	--
RW-3	6/7/2016	97.07	5.50	NP	--	91.57	--
RW-3	6/21/2016	97.07	5.04	NP	--	92.03	--
RW-3	7/19/2016	97.07	6.20	NP	--	90.87	--
RW-3	8/23/2016	97.07	--	--	--	--	WI
RW-3	9/20/2016	97.07	6.56	NP	--	90.51	--
RW-3	11/8/2016	97.07	3.05	NP	--	94.02	--
RW-3	12/6/2016	97.07	2.47	2.46	0.01	94.61	--

TABLE 2
Groundwater Gauging Data
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
RW-4	11/17/2014	--	8.90	8.70	0.20	--	--
RW-4	11/18/2014	--	9.00	8.94	0.06	--	--
RW-4	11/19/2014	--	9.02	8.95	0.07	--	--
RW-4	12/1/2014	97.22	6.32	5.68	0.64	91.38	--
RW-4	12/8/2014	97.22	6.80	5.70	1.10	91.24	--
RW-4	12/15/2014	97.22	6.25	5.22	1.03	91.74	--
RW-4	12/22/2014	97.22	6.59	5.29	1.30	91.60	--
RW-4	12/29/2014	97.22	6.23	4.81	1.42	92.06	--
RW-4	1/5/2015	97.22	3.81	3.77	0.04	93.44	--
RW-4	1/12/2015	97.22	5.62	4.57	1.05	92.39	--
RW-4	1/13/2015	97.22	5.20	4.94	0.26	92.22	--
RW-4	1/14/2015	97.22	5.16	5.02	0.14	92.17	--
RW-4	1/19/2015	97.22	5.24	4.69	0.55	92.39	--
RW-4	1/26/2015	97.22	5.35	4.54	0.81	92.48	--
RW-4	2/2/2015	97.22	5.93	5.20	0.73	91.84	--
RW-4	2/9/2015	97.22	5.08	4.57	0.51	92.52	--
RW-4	2/16/2015	97.22	5.51	4.67	0.84	92.34	--
RW-4	2/23/2015	97.22	5.85	5.34	0.51	91.75	--
RW-4	3/2/2015	97.22	5.70	5.43	0.27	91.72	--
RW-4	3/9/2015	97.22	6.09	5.83	0.26	91.33	--
RW-4	3/16/2015	97.22	5.73	5.55	0.18	91.63	--
RW-4	3/23/2015	97.22	5.46	NP	--	91.76	--
RW-4	3/30/2015	97.22	5.51	NP	--	91.71	--
RW-4	4/6/2015	97.22	5.91	NP	--	91.31	--
RW-4	4/7/2015	97.22	6.09	NP	--	91.13	--
RW-4	4/22/2015	97.22	6.83	6.57	0.26	90.59	--
RW-4	5/4/2015	97.22	7.33	6.93	0.40	90.19	--
RW-4	5/18/2015	97.22	7.44	7.36	0.08	89.84	--
RW-4	6/1/2015	97.22	7.70	NP	--	89.52	--
RW-4	6/15/2015	97.22	7.91	7.88	0.03	89.33	--
RW-4	6/19/2015	97.22	7.95	7.93	0.02	89.29	--
RW-4	6/29/2015	97.22	8.32	8.31	0.01	88.91	--
RW-4	7/13/2015	97.22	8.62	8.61	0.01	88.61	--
RW-4	7/28/2015	97.22	8.77	NP	--	88.45	--
RW-4	8/10/2015	97.22	9.11	9.10	0.01	88.12	--
RW-4	8/24/2015	97.22	9.33	NP	--	87.89	--
RW-4	9/8/2015	97.22	9.84	NP	--	87.38	--
RW-4	9/21/2015	97.22	8.84	NP	--	88.38	--
RW-4	10/5/2015	97.22	--	--	--	--	WI
RW-4	10/12/2015	97.22	--	--	--	--	WI
RW-4	10/19/2015	97.22	--	--	--	--	NG

TABLE 2
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
RW-4	11/2/2015	97.22	--	--	--	--	WI
RW-4	11/16/2015	97.22	--	--	--	--	NG
RW-4	11/30/2015	97.22	--	--	--	--	--
RW-4	1/18/2016	97.22	4.59	4.48	0.11	92.71	--
RW-4	2/1/2016	97.22	3.50	3.45	0.05	93.76	--
RW-4	2/15/2016	97.22	0.40	0.20	0.20	96.97	--
RW-4	3/7/2016	97.22	4.07	3.90	0.17	93.28	--
RW-4	3/29/2016	97.22	3.44	3.43	0.01	93.79	--
RW-4	4/5/2016	97.22	3.78	0.14	3.64	96.17	--
RW-4	4/19/2016	97.22	5.00	4.95	0.05	92.26	--
RW-4	5/10/2016	97.22	5.80	5.76	0.04	91.45	--
RW-4	5/24/2016	97.22	6.17	6.16	0.01	91.06	--
RW-4	6/7/2016	97.22	6.52	6.50	0.02	90.71	--
RW-4	6/21/2016	97.22	6.24	6.23	0.01	90.99	--
RW-4	7/19/2016	97.22	7.16	NP	--	90.06	--
RW-4	8/23/2016	97.22	--	--	--	--	WI
RW-4	9/20/2016	97.22	7.39	NP	--	89.83	--
RW-4	11/8/2016	97.22	4.82	NP	--	92.40	--
RW-4	12/6/2016	97.22	3.96	NP	--	93.26	--

TABLE 2
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
RW-5	11/17/2014	--	--	--	--	--	NG
RW-5	11/18/2014	--	--	--	--	--	NG
RW-5	11/19/2014	--	--	--	--	--	NG
RW-5	11/24/2014	--	--	--	--	--	NG
RW-5	12/1/2014	--	--	--	--	--	NG
RW-5	12/8/2014	--	5.90	4.99	0.91	--	--
RW-5	12/15/2014	--	--	--	--	--	NG
RW-5	12/22/2014	--	4.50	4.42	0.08	--	--
RW-5	12/29/2014	--	--	--	--	--	NG
RW-5	1/5/2015	--	--	--	--	--	NG
RW-5	1/12/2015	--	--	--	--	--	NG
RW-5	1/19/2015	--	--	--	--	--	NG
RW-5	1/26/2015	--	--	--	--	--	NG
RW-5	2/9/2015	--	2.86	2.84	0.02	--	--
RW-5	2/16/2015	--	2.87	2.86	0.01	--	--
RW-5	2/23/2015	--	4.25	NP	--	--	--
RW-5	3/2/2015	--	3.58	NP	--	--	--
RW-5	3/9/2015	--	4.05	NP	--	--	--
RW-5	3/16/2015	--	3.46	NP	--	--	--
RW-5	3/23/2015	--	3.10	NP	--	--	--
RW-5	3/30/2015	--	3.20	NP	--	--	--
RW-5	4/6/2015	--	3.45	NP	--	--	--
RW-5	4/22/2015	--	5.39	NP	--	--	--
RW-5	5/4/2015	--	6.08	6.06	0.02	--	--
RW-5	5/18/2015	--	6.48	6.45	0.03	--	--
RW-5	6/1/2015	--	7.01	6.98	0.03	--	--
RW-5	6/15/2015	--	7.31	7.30	0.01	--	--
RW-5	6/29/2015	--	7.66	NP	--	--	--
RW-5	7/13/2015	--	8.09	8.08	0.01	--	--
RW-5	7/28/2015	--	--	--	--	--	WI
RW-5	8/10/2015	--	--	--	--	--	WI
RW-5	8/24/2015	--	--	--	--	--	NG
RW-5	9/8/2015	--	--	--	--	--	WI
RW-5	9/21/2015	--	--	--	--	--	NG
RW-5	10/5/2015	--	--	--	--	--	WI
RW-5	10/12/2015	--	--	--	--	--	NG
RW-5	10/19/2015	--	--	--	--	--	NG
RW-5	11/2/2015	--	--	--	--	--	WI
RW-5	11/16/2015	--	--	--	--	--	NG
RW-5	11/30/2015	--	--	--	--	--	--

TABLE 2
Groundwater Gauging Data
Allen Pump Station
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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
RW-6	11/17/2014	--	6.04	NP	--	--	--
RW-6	11/18/2014	--	6.38	NP	--	--	--
RW-6	11/19/2014	--	6.35	NP	--	--	--
RW-6	12/1/2014	96.02	1.97	NP	--	94.05	--
RW-6	12/8/2014	96.02	2.12	NP	--	93.90	--
RW-6	12/15/2014	96.02	--	--	--	--	NG
RW-6	12/22/2014	96.02	1.60	NP	--	94.42	--
RW-6	12/29/2014	96.02	1.28	NP	--	94.74	--
RW-6	1/5/2015	96.02	--	--	--	--	NG
RW-6	1/12/2015	96.02	1.47	NP	--	94.55	--
RW-6	1/13/2015	96.02	1.88	NP	--	94.14	--
RW-6	1/14/2015	96.02	1.86	NP	--	94.16	--
RW-6	1/19/2015	96.02	0.40	NP	--	95.62	--
RW-6	1/26/2015	96.02	1.07	NP	--	94.95	--
RW-6	2/2/2015	96.02	2.88	NP	--	93.14	--
RW-6	2/9/2015	96.02	0.80	NP	--	95.22	--
RW-6	2/16/2015	96.02	1.36	NP	--	94.66	--
RW-6	2/23/2015	96.02	1.92	NP	--	94.10	--
RW-6	3/2/2015	96.02	1.78	NP	--	94.24	--
RW-6	3/9/2015	96.02	2.48	NP	--	93.54	--
RW-6	3/16/2015	96.02	1.16	NP	--	94.86	--
RW-6	3/23/2015	96.02	1.35	NP	--	94.67	--
RW-6	3/30/2015	96.02	1.61	1.60	0.01	94.42	--
RW-6	4/6/2015	96.02	2.46	NP	--	93.56	--
RW-6	4/22/2015	96.02	3.72	NP	--	92.30	--
RW-6	5/4/2015	96.02	3.91	NP	--	92.11	--
RW-6	5/18/2015	96.02	4.42	NP	--	91.60	--
RW-6	6/1/2015	96.02	5.12	NP	--	90.90	--
RW-6	6/15/2015	96.02	5.54	NP	--	90.48	--
RW-6	6/19/2015	96.02	5.70	NP	--	90.32	--
RW-6	6/29/2015	96.02	5.96	NP	--	90.06	--
RW-6	7/13/2015	96.02	6.34	NP	--	89.68	--
RW-6	7/28/2015	96.02	6.68	NP	--	89.34	--
RW-6	8/10/2015	96.02	6.96	NP	--	89.06	--
RW-6	8/24/2015	96.02	7.24	NP	--	88.78	--
RW-6	9/8/2015	96.02	6.38	NP	--	89.64	--
RW-6	9/21/2015	96.02	6.37	NP	--	89.65	--
RW-6	10/5/2015	96.02	6.66	NP	--	89.36	--
RW-6	10/12/2015	96.02	6.85	NP	--	89.17	--
RW-6	10/19/2015	96.02	6.69	NP	--	89.33	--
RW-6	11/2/2015	96.02	6.37	NP	--	89.65	--

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Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
RW-6	11/16/2015	96.02	3.95	NP	--	92.07	--
RW-6	11/30/2015	96.02	4.61	NP	--	91.41	--
RW-6	1/18/2016	96.02	1.76	NP	--	94.26	--
RW-6	2/1/2016	96.02	1.09	NP	--	94.93	--
RW-6	2/15/2016	96.02	--	--	--	--	NG
RW-6	3/7/2016	96.02	1.73	NP	--	94.29	--
RW-6	3/29/2016	96.02	1.33	NP	--	94.69	--
RW-6	4/5/2016	96.02	--	--	--	--	NG
RW-6	4/19/2016	96.02	2.60	NP	--	93.42	--
RW-6	5/10/2016	96.02	3.84	NP	--	92.18	--
RW-6	5/24/2016	96.02	4.25	NP	--	91.77	--
RW-6	6/7/2016	96.02	4.67	NP	--	91.35	--
RW-6	6/21/2016	96.02	4.10	NP	--	91.92	--
RW-6	7/19/2016	96.02	5.38	NP	--	90.64	--
RW-6	8/23/2016	96.02	6.33	NP	--	89.69	--
RW-6	9/20/2016	96.02	5.62	NP	--	90.40	--
RW-6	11/8/2016	96.02	1.80	NP	--	94.22	--
RW-6	12/6/2016	96.02	1.37	NP	--	94.65	--

TABLE 2
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
RW-7	1/5/2015	--	--	--	--	--	NG
RW-7	1/12/2015	--	--	--	--	--	NG
RW-7	1/13/2015	96.74	2.71	NP	--	94.03	--
RW-7	1/14/2015	96.74	2.78	NP	--	93.96	--
RW-7	1/19/2015	96.74	2.07	NP	--	94.67	--
RW-7	1/26/2015	96.74	2.00	1.96	0.04	94.77	--
RW-7	2/2/2015	96.74	2.74	2.73	0.01	94.01	--
RW-7	2/9/2015	96.74	1.84	NP	--	94.90	--
RW-7	2/16/2015	96.74	2.31	2.24	0.07	94.48	--
RW-7	2/23/2015	96.74	2.90	2.81	0.09	93.91	--
RW-7	3/2/2015	96.74	2.72	2.70	0.02	94.04	--
RW-7	3/9/2015	96.74	3.32	NP	--	93.42	--
RW-7	3/16/2015	96.74	2.56	NP	--	94.18	--
RW-7	3/23/2015	96.74	2.30	NP	--	94.44	--
RW-7	3/30/2015	96.74	2.48	NP	--	94.26	--
RW-7	4/6/2015	96.74	4.26	NP	--	92.48	--
RW-7	4/7/2015	96.74	3.52	NP	--	93.22	--
RW-7	4/22/2015	96.74	4.36	NP	--	92.38	--
RW-7	5/4/2015	96.74	4.55	NP	--	92.19	--
RW-7	5/18/2015	96.74	5.05	NP	--	91.69	--
RW-7	6/1/2015	96.74	5.76	NP	--	90.98	--
RW-7	6/15/2015	96.74	6.17	NP	--	90.57	--
RW-7	6/19/2015	96.74	6.32	NP	--	90.42	--
RW-7	6/29/2015	96.74	6.60	NP	--	90.14	--
RW-7	7/13/2015	96.74	6.96	NP	--	89.78	--
RW-7	7/28/2015	96.74	7.29	NP	--	89.45	--
RW-7	8/10/2015	96.74	7.66	NP	--	89.08	--
RW-7	8/24/2015	96.74	7.85	NP	--	88.89	--
RW-7	9/8/2015	96.74	7.27	NP	--	89.47	--
RW-7	9/21/2015	96.74	7.16	NP	--	89.58	--
RW-7	10/5/2015	96.74	7.37	NP	--	89.37	--
RW-7	10/12/2015	96.74	7.49	NP	--	89.25	--
RW-7	10/19/2015	96.74	7.84	NP	--	88.90	--
RW-7	11/2/2015	96.74	--	--	--	--	WI
RW-7	11/16/2015	96.74	--	--	--	--	NG
RW-7	11/30/2015	96.74	--	--	--	--	--
RW-7	1/18/2016	96.74	2.73	2.72	0.01	94.02	--
RW-7	2/1/2016	96.74	1.95	1.94	0.01	94.80	--
RW-7	2/15/2016	96.74	--	--	--	--	NG
RW-7	3/7/2016	96.74	2.66	2.60	0.06	94.12	--
RW-7	3/29/2016	96.74	2.21	2.17	0.04	94.56	--

TABLE 2
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
RW-7	4/5/2016	96.74	2.40	0.02	2.38	96.12	--
RW-7	4/19/2016	96.74	3.39	NP	--	93.35	--
RW-7	5/10/2016	96.74	4.48	NP	--	92.26	--
RW-7	5/24/2016	96.74	4.94	NP	--	91.80	--
RW-7	6/7/2016	96.74	5.29	NP	--	91.45	--
RW-7	6/21/2016	96.74	4.86	NP	--	91.88	--
RW-7	7/19/2016	96.74	5.99	NP	--	90.75	--
RW-7	8/23/2016	96.74	6.94	NP	--	89.80	--
RW-7	9/20/2016	96.74	6.25	NP	--	90.49	--
RW-7	11/8/2016	96.74	2.77	NP	--	93.97	--
RW-7	12/6/2016	96.74	2.21	NP	--	94.53	--

TABLE 2
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
RW-8	1/5/2015	--	--	--	--	--	NG
RW-8	1/12/2015	--	--	--	--	--	NG
RW-8	1/13/2015	97.16	2.90	NP	--	94.26	--
RW-8	1/14/2015	97.16	3.02	NP	--	94.14	--
RW-8	1/19/2015	97.16	2.30	NP	--	94.86	--
RW-8	1/26/2015	97.16	2.21	NP	--	94.95	--
RW-8	2/2/2015	97.16	3.09	NP	--	94.07	--
RW-8	2/9/2015	97.16	2.13	NP	--	95.03	--
RW-8	2/16/2015	97.16	2.51	NP	--	94.65	--
RW-8	2/23/2015	97.16	3.11	NP	--	94.05	--
RW-8	3/2/2015	97.16	3.01	NP	--	94.15	--
RW-8	3/9/2015	97.16	3.61	NP	--	93.55	--
RW-8	3/16/2015	97.16	2.67	NP	--	94.49	--
RW-8	3/23/2015	97.16	2.61	NP	--	94.55	--
RW-8	3/30/2015	97.16	2.78	NP	--	94.38	--
RW-8	4/6/2015	97.16	3.47	NP	--	93.69	--
RW-8	4/7/2015	97.16	3.81	NP	--	93.35	--
RW-8	4/22/2015	97.16	4.45	NP	--	92.71	--
RW-8	5/4/2015	97.16	4.69	NP	--	92.47	--
RW-8	5/18/2015	97.16	5.14	NP	--	92.02	--
RW-8	6/1/2015	97.16	5.75	NP	--	91.41	--
RW-8	6/15/2015	97.16	6.20	NP	--	90.96	--
RW-8	6/19/2015	97.16	6.25	NP	--	90.91	--
RW-8	6/29/2015	97.16	6.74	NP	--	90.42	--
RW-8	7/13/2015	97.16	7.09	NP	--	90.07	--
RW-8	7/28/2015	97.16	7.44	NP	--	89.72	--
RW-8	8/10/2015	97.16	6.69	NP	--	90.47	--
RW-8	8/24/2015	97.16	--	--	--	--	Dry
RW-8	9/8/2015	97.16	--	--	--	--	WI
RW-8	9/21/2015	97.16	--	--	--	--	NG
RW-8	10/5/2015	97.16	--	--	--	--	NG
RW-8	10/12/2015	97.16	--	--	--	--	NG
RW-8	10/19/2015	97.16	--	--	--	--	NG
RW-8	11/2/2015	97.16	--	--	--	--	WI
RW-8	11/16/2015	97.16	--	--	--	--	NG
RW-8	11/30/2015	97.16	--	--	--	--	--
RW-8	1/18/2016	97.16	3.04	NP	--	94.12	--
RW-8	2/1/2016	97.16	2.10	NP	--	95.06	--
RW-8	2/15/2016	97.16	--	--	--	--	NG
RW-8	3/7/2016	97.16	3.82	NP	--	93.34	--
RW-8	3/29/2016	97.16	2.34	NP	--	94.82	--

TABLE 2
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
RW-8	4/5/2016	97.16	2.43	NP	--	94.73	--
RW-8	4/19/2016	97.16	3.60	NP	--	93.56	--
RW-8	5/10/2016	97.16	4.58	NP	--	92.58	--
RW-8	5/24/2016	97.16	5.04	NP	--	92.12	--
RW-8	6/7/2016	97.16	5.38	NP	--	91.78	--
RW-8	6/21/2016	97.16	4.95	NP	--	92.21	--
RW-8	7/19/2016	97.16	6.05	NP	--	91.11	--
RW-8	8/23/2016	97.16	7.09	NP	--	90.07	--
RW-8	9/20/2016	97.16	6.35	NP	--	90.81	--
RW-8	11/8/2016	97.16	3.12	NP	--	94.04	--
RW-8	12/6/2016	97.16	2.37	NP	--	94.79	--

TABLE 2
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
RW-9	1/5/2015	--	--	--	--	--	NG
RW-9	1/12/2015	--	--	--	--	--	NG
RW-9	1/13/2015	97.60	4.10	NP	--	93.50	--
RW-9	1/14/2015	97.60	4.14	NP	--	93.46	--
RW-9	1/19/2015	97.60	3.90	NP	--	93.70	--
RW-9	1/26/2015	97.60	3.79	NP	--	93.81	--
RW-9	2/2/2015	97.60	4.22	NP	--	93.38	--
RW-9	2/9/2015	97.60	3.77	NP	--	93.83	--
RW-9	2/16/2015	97.60	3.80	NP	--	93.80	--
RW-9	2/23/2015	97.60	4.23	NP	--	93.37	--
RW-9	3/2/2015	97.60	4.28	NP	--	93.32	--
RW-9	3/9/2015	97.60	5.61	NP	--	91.99	--
RW-9	3/16/2015	97.60	4.50	NP	--	93.10	--
RW-9	3/23/2015	97.60	4.28	NP	--	93.32	--
RW-9	3/30/2015	97.60	4.21	NP	--	93.39	--
RW-9	4/6/2015	97.60	4.57	NP	--	93.03	--
RW-9	4/7/2015	97.60	4.68	NP	--	92.92	--
RW-9	4/22/2015	97.60	5.88	NP	--	91.72	--
RW-9	5/4/2015	97.60	5.48	NP	--	92.12	--
RW-9	5/18/2015	97.60	5.84	NP	--	91.76	--
RW-9	6/1/2015	97.60	6.31	NP	--	91.29	--
RW-9	6/15/2015	97.60	--	--	--	--	Dry
RW-9	6/19/2015	97.60	6.36	NP	--	91.24	--
RW-9	6/29/2015	97.60	--	--	--	--	Dry
RW-9	7/13/2015	97.60	6.40	NP	--	91.20	--
RW-9	7/28/2015	97.60	--	--	--	--	Dry
RW-9	8/10/2015	97.60	--	--	--	--	Dry
RW-9	8/24/2015	97.60	--	--	--	--	Dry
RW-9	9/8/2015	97.60	--	--	--	--	WI
RW-9	9/21/2015	97.60	--	--	--	--	NG
RW-9	10/5/2015	97.60	--	--	--	--	WI
RW-9	10/12/2015	97.60	--	--	--	--	NG
RW-9	10/19/2015	97.60	--	--	--	--	NG
RW-9	11/2/2015	97.60	--	--	--	--	WI
RW-9	11/16/2015	97.60	--	--	--	--	NG
RW-9	11/30/2015	97.60	--	--	--	--	--
RW-9	2/15/2016	97.60	--	--	--	--	NG

TABLE 2
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
SRW-1	6/23/1992	99.19	8.00	NP	--	91.19	--
SRW-1	7/2/1992	99.19	7.85	NP	--	91.34	--
SRW-1	8/17/1992	99.19	8.37	NP	--	90.82	--
SRW-1	9/30/1992	99.19	8.38	8.36	0.02	90.83	--
SRW-1	10/30/1992	99.19	8.26	NP	--	90.93	--
SRW-1	11/30/1992	99.19	6.80	NP	--	92.39	--
SRW-1	4/16/1993	99.19	6.94	NP	--	92.25	--
SRW-1	10/3/2000	99.19	8.05	NP	--	91.14	--
SRW-1	2/28/2001	99.19	6.50	6.49	0.01	92.70	--
SRW-1	5/30/2001	99.19	7.09	NP	--	92.10	--
SRW-1	8/22/2001	99.19	7.19	7.18	0.01	92.01	--
SRW-1	11/21/2001	99.19	6.21	NP	--	92.98	--
SRW-1	2/20/2002	99.19	--	--	--	--	NG
SRW-1	5/16/2002	99.19	--	--	--	--	NG
SRW-1	8/2/2002	99.19	7.33	7.32	0.01	91.87	--
SRW-1	12/19/2002	99.19	7.40	NP	--	91.79	--
SRW-1	5/19/2003	99.19	7.02	NP	--	92.17	--
SRW-1	11/13/2003	99.19	7.27	NP	--	91.92	--
SRW-1	6/4/2004	99.19	6.86	NP	--	92.33	--
SRW-1	10/7/2004	99.19	7.13	NP	--	92.06	--
SRW-1	4/28/2005	99.19	6.05	NP	--	93.14	--
SRW-1	11/16/2005	99.19	6.65	NP	--	92.54	--
SRW-1	6/13/2006	99.19	7.15	NP	--	92.04	--
SRW-1	2/26/2007	99.19	4.25	NP	--	94.94	--
SRW-1	5/9/2007	99.19	6.42	NP	--	92.77	--
SRW-1	7/16/2007	99.19	7.77	NP	--	91.42	--
SRW-1	8/22/2007	99.19	8.21	NP	--	90.98	--
SRW-1	9/25/2007	99.19	9.42	NP	--	89.77	--
SRW-1	10/25/2007	99.19	7.46	NP	--	91.73	--
SRW-1	11/9/2007	99.19	7.78	NP	--	91.41	--
SRW-1	12/3/2007	99.19	6.93	NP	--	92.26	--
SRW-1	1/17/2008	99.19	5.82	NP	--	93.37	--
SRW-1	4/7/2008	99.19	5.92	NP	--	93.27	--
SRW-1	7/22/2008	99.19	7.61	NP	--	91.58	--
SRW-1	10/21/2008	99.19	8.37	NP	--	90.82	--
SRW-1	8/24/2011	99.19	--	--	--	--	NG
SRW-1	11/15/2012	99.19	--	--	--	--	NG
SRW-1	3/27/2013	99.19	--	--	--	--	NG
SRW-1	12/17/2013	99.19	--	--	--	--	NG
SRW-1	6/19/2015	99.19	5.38	NP	--	93.81	--

TABLE 2
Groundwater Gauging Data
Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

Well I.D.	Date	GROUNDWATER ELEVATION DATA					
		TOC Elevation (ft)	Water Level Depth (ft)	LNAPL Depth (ft)	LNAPL Thickness (ft)	Water Level Elevation* (ft)	Qualifiers
AG WELL	12/1/2014	--	4.02	NP	--	--	--
AG WELL	11/10/2016	--	5.11	NP	--	--	--

Notes:

-- No Information Available

* - Corrected for LNAPL if present (assumes LNAPL specific gravity = 0.75)

ABD - Abandoned

Dry - Well Dry

ft - feet

LNAPL - Light Non-Aqueous Phase Liquid

NG - Not gauged

NP - No Product

NS - Not Sampled

TOC - Top of Casing

WD = Well destroyed

WI - Well inaccessible

Table 3
Groundwater Analytical Data
Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

CONSTITUENT UNIT		B ug/L	T ug/L	E ug/L	X ug/L	TPH-G ug/L	TPH-D ug/L	TPH-O ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
C	6/4/2004	< 0.5	< 0.5	< 0.5	< 1	< 50	--	--
C	11/16/2005	< 0.5	< 0.5	< 0.5	< 1	< 50	95000	< 49500
C	6/13/2006	< 0.5	< 0.5	< 0.5	< 1	< 50	< 260	< 521
C	2/26/2007	< 0.5	< 0.5	< 0.5	< 1	< 50	< 236	< 472
C	5/9/2007	< 0.5	< 0.5	< 0.5	< 1	< 50	< 236	< 472
C	7/16/2007	< 0.5	< 0.5	< 0.5	< 1	< 50	< 236	< 472
C	10/25/2007	< 0.5	< 0.5	< 0.5	< 1	< 50	< 236	< 472
C	1/17/2008	< 0.5	< 0.5	< 0.5	< 1	< 50	< 236	< 472
C	4/7/2008	< 0.5	< 0.5	< 0.5	< 1	< 50	< 236	< 472
C	7/22/2008	< 0.5	< 0.5	< 0.5	< 1	< 50	< 236	< 472
C	10/21/2008	< 0.5	< 0.5	< 0.5	< 1	75	< 236	< 472
C	1/20/2009	< 0.5	< 0.5	< 0.5	< 1	< 50	< 238	< 476
C	7/6/2009	< 1.0	< 1.0	< 1.0	< 2.0	< 50	220	< 240
C	3/17/2010	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 120	< 240
C	9/15/2010	< 1.0	< 1.0	1.4	< 3.0	< 50.0	< 76	< 380
C	3/4/2011	< 1.0	< 1.0	< 1.0	< 3.0	< 50.0	< 75	< 380
C	8/24/2011	< 1.0	< 1.0	< 1.0	< 3.0	< 50.0	< 75	< 380
C	5/10/2012	< 1.0	< 1.0	< 1.0	< 3.0	< 50.0	< 75	< 380
C	11/15/2012	< 1.0	< 1.0	< 1.0	< 3.0	< 100	437	399
C	3/27/2013	1.2	< 0.50	< 0.50	< 1.0	< 50	--	--
C	12/17/2013	< 1.0	< 1.0	< 1.0	< 3.0	63	140	--
C	6/24/2014	< 1.0	< 1.0	< 1.0	< 3.0	< 50	360	< 240
C	11/7/2014	< 1.0	< 1.0	< 1.0	< 3.0	< 50	--	--
C	1/12/2015	< 1.0	< 1.0	< 1.0	< 3.0	< 50	130	< 240
C	4/7/2015	58	< 2.0	< 3.0	< 3.0	< 50	120 Y	< 250
C	1/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	340	< 250
C	4/19/2016	12	< 2.0	< 3.0	< 3.0	< 50	360	< 250
C	7/20/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	1800	340
C	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	210	< 250

Table 3
Groundwater Analytical Data
Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

CONSTITUENT UNIT		B ug/L	T ug/L	E ug/L	X ug/L	TPH-G ug/L	TPH-D ug/L	TPH-O ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
MW-1	7/2/1992	< 1	< 1	< 1	< 1	--	190000	--
MW-1	10/3/2000	< 0.5	< 0.5	< 0.5	< 1	427	32400	< 5500
MW-1	2/28/2001	< 0.5	4.17	0.772	3.46	459	57600	< 5500
MW-1	5/30/2001	< 0.5	< 0.5	< 0.5	< 1	77.3	59700	< 20500
MW-1	8/22/2001	< 0.5	< 0.5	< 0.5	< 1	< 500	27700	< 5500
MW-1	11/21/2001	< 0.5	< 0.5	< 0.5	< 1	< 500	24100	< 5500
MW-1	2/20/2002	< 0.5	< 0.5	< 0.5	< 1	< 500	55300	< 10000
MW-1	5/16/2002	< 0.5	< 0.5	< 0.5	< 1	58.1	30200	< 5500
MW-1	8/2/2002	< 0.5	< 0.5	< 0.5	< 1	< 500	24500	< 5500
MW-1	12/19/2002	< 0.5	< 2	< 1	< 1.5	< 100	19500	< 500
MW-1	5/19/2003	< 0.5	< 0.5	< 0.5	< 1	122	26600	< 500
MW-1	11/13/2003	< 0.5	< 0.5	< 0.5	< 1	< 50	6180	< 500
MW-1	6/4/2004	< 0.5	< 0.5	< 0.5	< 1	< 50	21300	< 500
MW-1	10/7/2004	< 0.5	< 0.5	< 0.5	< 1	< 80	47400	< 500
MW-1	4/28/2005	< 0.5	< 0.5	< 0.5	< 1	< 80	7740	< 500
MW-1	11/16/2005	< 0.5	< 0.5	< 0.5	< 1	< 50	1790	< 500
MW-1	6/13/2006	< 0.5	< 0.5	< 0.5	< 1	< 50	5640	< 515
MW-1	2/26/2007	< 0.5	< 0.5	< 0.5	< 1	< 50	508	< 472
MW-1	5/9/2007	< 0.5	< 0.5	< 0.5	< 1	< 50	16000	< 943
MW-1	7/16/2007	< 0.5	< 0.5	< 0.5	< 1	< 80	12900	< 472
MW-1	10/25/2007	< 0.5	< 0.5	< 0.5	< 1	< 50	288	< 490
MW-1	1/17/2008	< 0.5	< 0.5	< 0.5	< 1	< 50	< 238	< 476
MW-1	4/7/2008	< 0.5	< 0.5	< 0.5	< 1	< 50	2130	< 472
MW-1	7/22/2008	< 0.5	5.12	< 0.5	15.3	249	5890	< 472
MW-1	10/21/2008	< 0.5	< 0.5	< 0.5	< 1	< 50	1220	< 472
MW-1	1/20/2009	< 0.5	< 0.5	< 0.5	< 1	< 50	239	< 472
MW-1	7/6/2009	< 1.0	< 1.0	< 1.0	< 2.0	< 50	19000	1300
MW-1	3/17/2010	< 1.0	< 1.0	< 1.0	< 2.0	< 50	310	< 240
MW-1	9/15/2010	1.9	< 1.0	4.5	< 3.0	< 50.0	79	< 380
MW-1	3/4/2011	< 1.0	< 1.0	< 1.0	< 3.0	< 50.0	< 75	< 380
MW-1	8/24/2011	< 1.0	< 1.0	< 1.0	< 3.0	< 50.0	88	< 380
MW-1	5/10/2012	< 1.0	< 1.0	< 1.0	< 3.0	< 50.0	< 75	< 380
MW-1	11/15/2012	< 1.0	< 1.0	< 1.0	< 3.0	< 100	< 185	< 185
MW-1	3/27/2013	< 0.5	< 0.5	< 0.5	< 1.0	< 50	--	--
MW-1	12/17/2013	< 1.0	< 1.0	< 1.0	< 3.0	< 50	< 120	--
MW-1	6/24/2014	< 1.0	< 1.0	< 1.0	< 3.0	< 50	190	< 240
MW-1	11/7/2014	< 1.0	< 1.0	< 1.0	< 3.0	< 50	--	--
MW-1	11/18/2014	< 1.0	< 1.0	< 1.0	< 3.0	< 50	180	< 250
MW-1	1/12/2015	< 1.0	< 1.0	< 1.0	< 3.0	< 50	160	< 240
MW-1	4/7/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	180 Y	< 250
MW-1	7/13/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	290 Y	< 250

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CONSTITUENT UNIT		B ug/L	T ug/L	E ug/L	X ug/L	TPH-G ug/L	TPH-D ug/L	TPH-O ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
MW-1	10/19/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-1	1/18/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	200	< 250
MW-1	4/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	430	260
MW-1	7/20/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	470	< 250
MW-1	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	350	< 250

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CONSTITUENT UNIT		B ug/L	T ug/L	E ug/L	X ug/L	TPH-G ug/L	TPH-D ug/L	TPH-O ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
MW-2	10/3/2000	970	56.1	1480	2190	13100	41400	< 5500
MW-2	2/28/2001	190	13.3	396	437	4370	10900	< 5500
MW-2	5/30/2001	227	12	374	425	2980	94200	< 500
MW-2	8/22/2001	943	53.2	1670	1590	11700	23800	< 500
MW-2	11/21/2001	138	3.5	204	115	1300	34800	< 20000
MW-2	2/20/2002	25.8	1.48	107	72.2	589	88900	< 500
MW-2	5/16/2002	263	8.3	460	168	2250	78500	--
MW-2	8/2/2002	716	34.4	1170	662	5880	15000	< 5000
MW-2	12/19/2002	1150	53.6	2100	567	8930	11800	< 500
MW-2	5/19/2003	113	4.05	187	41.2	1130	27900	< 500
MW-2	11/13/2003	236	7.52	361	48.9	2570	58000	< 500
MW-2	6/4/2004	9.61	< 0.5	9.86	< 1	289	27200	< 500
MW-2	4/28/2005	3.83	< 0.5	5.11	< 1	< 80	13100	< 500
MW-2	11/16/2005	344	10.3	987	52.4	5450	4680	< 500
MW-2	6/13/2006	16.8	< 0.5	14.3	< 1	133	2260	< 556
MW-2	2/26/2007	2.94	< 0.5	3.59	< 1	< 50	4730	< 472
MW-2	5/9/2007	32.4	< 0.5	33.4	1.19	243	2490	< 472
MW-2	7/16/2007	373	7.68	610	26.8	2370	9600	< 472
MW-2	10/25/2007	49.8	< 0.5	50.9	3.3	406	3490	< 476
MW-2	1/17/2008	21.6	< 0.5	56.2	3.4	398	971	< 472
MW-2	4/7/2008	168	2.39	249	12.6	1770	8440	< 472
MW-2	7/22/2008	0.65	< 0.5	< 0.5	< 1	< 50	525	< 472
MW-2	10/21/2008	523	6.78	964	29.3	6410	3530	< 472
MW-2	1/20/2009	56.4	0.568	29.7	1.41	405	3390	< 472
MW-2	7/6/2009	430	5.2	550	28.0	2900	35000	1000
MW-2	3/17/2010	32	< 1.0	5.2	< 2.0	120	780	< 240
MW-2	9/15/2010	512	4.8	665	20.7	814	790	< 380
MW-2	9/18/2010	512	4.8	665	20.7	814	790	< 380
MW-2	3/4/2011	1.4	< 1.0	< 1.0	< 3.0	< 50.0	210	< 380
MW-2	8/24/2011	< 1.0	< 1.0	< 1.0	< 3.0	< 50.0	310	< 380
MW-2	5/10/2012	< 1.0	< 1.0	< 1.0	< 3.0	< 50.0	84	< 380
MW-2	11/15/2012	< 1.0	< 1.0	< 1.0	< 3.0	< 100	< 185	199
MW-2	3/27/2013	< 0.5	< 0.5	< 0.5	< 1.0	< 50	--	--
MW-2	12/17/2013	1.6	< 1.0	< 1.0	< 3.0	< 50	320	--
MW-2	6/24/2014	< 1.0	< 1.0	< 1.0	< 3.0	< 50	790	< 240
MW-2	11/7/2014	< 1.0	< 1.0	< 1.0	< 3.0	< 50	--	--
MW-2	11/18/2014	< 1.0	< 1.0	< 1.0	< 3.0	< 50	340	< 250
MW-2	1/12/2015	< 1.0	< 1.0	< 1.0	< 3.0	< 50	450	< 240
MW-2	4/7/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	350 Y	< 240
MW-2	7/13/2015	120 H	2.1	62 H	5.1	580	850 Y	< 250
MW-2	10/19/2015	130	3.2	69	8.2	950	330	< 250

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CONSTITUENT UNIT		B ug/L	T ug/L	E ug/L	X ug/L	TPH-G ug/L	TPH-D ug/L	TPH-O ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
MW-2	1/18/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	1300	630
MW-2	4/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	900	460
MW-2	7/20/2016	210	< 2.0	20	3.2	880	1300	< 250
MW-2	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	1500	900

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CONSTITUENT UNIT		B ug/L	T ug/L	E ug/L	X ug/L	TPH-G ug/L	TPH-D ug/L	TPH-O ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
MW-9	2/26/2007	< 0.5	< 0.5	< 0.5	< 1	< 50	< 236	< 472
MW-9	5/9/2007	< 0.5	< 0.5	< 0.5	< 1	< 50	< 245	< 490
MW-9	3/27/2013	< 0.5	< 0.5	< 0.5	< 1.0	< 50	--	--
MW-9	6/24/2014	< 1.0	< 1.0	< 1.0	< 3.0	< 50	< 120	< 240
MW-9	11/19/2014	< 1.0	< 1.0	< 1.0	< 3.0	< 50	< 130	< 250
MW-9	1/12/2015	< 1.0	< 1.0	< 1.0	< 3.0	< 50	< 120	< 240
MW-9	4/6/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-9	1/18/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-9	4/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250

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CONSTITUENT UNIT		B ug/L	T ug/L	E ug/L	X ug/L	TPH-G ug/L	TPH-D ug/L	TPH-O ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
MW-12	11/21/2001	25.6	1.16	79.5	6.77	1150	1790	< 500
MW-12	5/16/2002	26.4	22.4	14.1	1.4	199	546	< 500
MW-12	12/19/2002	40.9	3.3	97.6	9.6	934	< 250	< 500
MW-12	5/19/2003	46	0.534	8.75	< 1	165	1100	< 500
MW-12	11/13/2003	20	1.38	96.6	7.54	1520	346	< 500
MW-12	6/4/2004	8.82	< 0.5	6.21	< 1	169	< 250	< 500
MW-12	10/7/2004	16.4	0.54	22.8	< 1	306	544	< 500
MW-12	4/28/2005	2.24	< 0.5	7.26	< 1	< 80	< 250	< 500
MW-12	11/16/2005	13.1	1.12	91.8	4.74	691	< 253	< 505
MW-12	6/13/2006	9.73	0.851	42.2	2.02	216	< 263	< 526
MW-12	2/26/2007	0.514	< 0.5	5.57	< 1	77.2	< 243	< 485
MW-12	5/9/2007	4.75	< 0.5	8.16	< 1	117	< 236	< 472
MW-12	7/16/2007	3.66	< 0.5	1.96	< 1	173	< 236	< 472
MW-12	10/25/2007	2.4	< 0.5	8.68	< 1	241	< 236	< 472
MW-12	1/17/2008	0.723	< 0.5	4.28	< 1	53.5	< 236	< 472
MW-12	4/7/2008	1.35	< 0.5	9.46	< 1	86.4	< 236	< 472
MW-12	7/22/2008	11.6	2.09	37.1	17.3	1010	< 240	< 481
MW-12	10/21/2008	0.893	1.25	< 0.5	< 1	225	--	--
MW-12	1/20/2009	< 0.5	< 0.5	1.24	< 1	< 50	< 236	< 472
MW-12	7/6/2009	< 1.0	22	< 1.0	< 2.0	600	1200	500
MW-12	3/17/2010	1.1	< 1.0	5.9	< 2.0	82	210	< 240
MW-12	9/15/2010	1.5	< 1.0	1.9	< 3.0	244	180	< 380
MW-12	3/4/2011	< 1.0	< 1.0	< 1.0	< 3.0	< 50.0	< 75	< 380
MW-12	8/24/2011	< 1.0	< 1.0	< 1.0	< 3.0	< 50.0	< 76	< 380
MW-12	5/10/2012	< 1.0	< 1.0	< 1.0	< 3.0	< 50.0	< 75	< 380
MW-12	11/15/2012	< 1	< 1	< 1	< 3	< 100	< 189	< 189
MW-12	3/27/2013	< 0.5	< 0.5	< 0.5	< 1.0	< 50	--	--
MW-12	12/17/2013	< 1.0	< 1.0	< 1.0	< 3.0	< 50	< 120	--
MW-12	6/24/2014	2.2	2.3	33	< 3.0	350	470	< 240
MW-12	11/7/2014	< 1.0	< 1.0	< 1.0	< 3.0	< 50	--	--
MW-12	11/18/2014	< 1.0	< 1.0	< 1.0	< 3.0	< 50	< 130	< 250
MW-12	1/12/2015	< 1.0	< 1.0	< 1.0	< 3.0	< 50	< 120	< 240
MW-12	4/7/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	120 Y	< 240
MW-12	1/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	280	< 250
MW-12	4/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	330	< 250
MW-12	7/20/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	440	< 250
MW-12	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	120	< 250

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CONSTITUENT UNIT		B ug/L	T ug/L	E ug/L	X ug/L	TPH-G ug/L	TPH-D ug/L	TPH-O ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
MW-14	7/2/1992	330	39	690	810	--	--	--
MW-14	11/21/2001	175	11.8	294	32.8	8960	1900000	< 238000
MW-14	8/2/2002	226	12.3	331	30.7	4540	355000	< 50000
MW-14	6/4/2004	142	--	514	106	42300	583000	1320
MW-14	11/16/2005	40.5	3.61	108	13.9	3980	22200	< 5000
MW-14	6/13/2006	84.2	7.75	356	25.4	6730	96600	< 5210
MW-14	2/26/2007	12.9	1.01	53.6	16.1	2870	39800	< 2430
MW-14	5/9/2007	74.3	5.54	298	19.9	3930	89900	< 4720
MW-14	7/16/2007	87.4	8.74	389	29.2	3230	61600	< 9430
MW-14	10/25/2007	19.7	< 0.5	107	11.8	3280	5550	< 490
MW-14	1/17/2008	11.3	1.15	46.3	5.78	1880	14200	< 476
MW-14	4/7/2008	9.4	1.38	57	6.13	1590	8260	< 472
MW-14	7/22/2008	47.4	5.56	261	17.8	2120	4900	< 2360
MW-14	10/21/2008	37.8	6.1	345	23.4	3910	317000	< 472
MW-14	1/20/2009	4.16	0.609	12.8	2.56	944	4640	< 485
MW-14	7/6/2009	32	3.4	87	8.9	1100	140000	< 2400
MW-14	3/17/2010	< 1.0	< 1.0	< 1.0	< 2.0	72	190	< 240
MW-14	9/15/2010	9.4	1.3	19.2	< 3.0	470	3100	< 380
MW-14	9/16/2010	9.4	1.3	19.2	< 3.0	470	3100	< 380
MW-14	3/4/2011	< 1.0	< 1.0	< 1.0	< 3.0	< 50.0	170	< 380
MW-14	8/24/2011	22.1	2.3	75.9	6.6	910	1500	< 380
MW-14	12/17/2013	1	< 1.0	1.5	< 3.0	190	2600	--
MW-14	6/24/2014	4.1	< 1.0	8.1	< 3.0	600	420	< 240
MW-14	11/7/2014	< 1.0	< 1.0	< 1.0	< 3.0	< 50	--	--
MW-14	11/18/2014	1.4	< 1.0	1.6	< 3.0	110	340	< 250
MW-14	1/12/2015	< 1.0	< 1.0	< 1.0	< 3.0	< 50	470	< 240
MW-14	4/7/2015	2.5	< 2.0	6.0	< 3.0	370	420 Y	< 240
MW-14	1/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	420	< 250
MW-14	4/20/2016	3.2	< 2.0	4.5	10	190	650	< 250
MW-14	7/20/2016	4.7	< 2.0	4.5	< 3.0	350	900	< 250
MW-14	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	400	280

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CONSTITUENT UNIT		B ug/L	T ug/L	E ug/L	X ug/L	TPH-G ug/L	TPH-D ug/L	TPH-O ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
MW-17A	4/28/2005	12.5	4.33	122	4.65	2100	7926	< 500
MW-17A	11/16/2005	39	1.77	77.5	2.82	2570	< 245	< 490
MW-17A	6/13/2006	20.3	3.55	104	6.56	2570	< 250	< 500
MW-17A	2/26/2007	17	2.78	97.8	5.3	3110	255	< 485
MW-17A	5/9/2007	18.8	3.69	87.6	6.42	3590	330	< 472
MW-17A	7/16/2007	20.2	3.36	50.8	4.86	1250	240	< 472
MW-17A	10/25/2007	23.6	1.71	47.3	2.17	2550	< 236	< 472
MW-17A	1/17/2008	20.2	2.65	81.7	5.95	2890	< 236	< 472
MW-17A	4/7/2008	21.1	3.22	94.6	6.51	3740	530	< 472
MW-17A	7/22/2008	23	6.23	9.03	< 5	4760	< 0.243	< 485
MW-17A	10/21/2008	24.2	2.53	21.6	4.34	3480	658	< 472
MW-17A	1/20/2009	15.1	2.9	71.7	6.72	4720	786	< 472
MW-17A	7/6/2009	21	2.6	48	6.4	3800	4000	1300
MW-17A	3/1/2010	7.6	2.4	31.3	5.9	3020	650	< 380
MW-17A	3/17/2010	8.6	1.3	29	3.2	1600	900	< 240
MW-17A	9/15/2010	13.0	1.9	13.8	3.8	1070	440	< 380
MW-17A	9/17/2010	13.0	1.9	13.8	3.8	1070	440	< 380
MW-17A	3/4/2011	7.6	2.4	31.3	5.9	3020	650	< 380
MW-17A	8/24/2011	9.1	3.2	15.8	5.2	3340	460	< 380
MW-17A	5/10/2012	34.9	2.4	26.2	4.9	3220	710	< 380
MW-17A	11/15/2012	64.4	2.7	11.3	4.2	2710	628	< 182
MW-17A	3/27/2013	200	2.9	15	3.5	2600	--	--
MW-17A	12/17/2013	130	1.8	8.5	< 3.0	2100	610	--
MW-17A	6/24/2014	390	3.8	15	3.9	3800	1200	< 240
MW-17A	11/6/2014	180	2.4	3.4	< 3.0	820	230	< 250
MW-17A	11/17/2014	350	5.9	12	24	1700	1300	380
MW-17A	1/14/2015	380	< 10	23	< 30	3100	1100	< 250
MW-17A	4/7/2015	250	4.7	12	3.4	3400	670 Y	< 240
MW-17A	1/18/2016	2.6	< 2.0	< 3.0	< 3.0	1100	1200	< 250
MW-17A	4/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	340	660	280
MW-17A	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	340	< 250

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CONSTITUENT UNIT		B ug/L	T ug/L	E ug/L	X ug/L	TPH-G ug/L	TPH-D ug/L	TPH-O ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
MW-18	12/17/2013	8.4	5.1	1300	3500	30000	4800	--
MW-18	6/24/2014	14	3.4	52	2600	36000	2200	< 240
MW-18	11/6/2014	110	200	1100	2500	19000	3800	880
MW-18	1/13/2015	93	920	580	2400	20000	2400	< 240
MW-18	4/6/2015	1000	6500	2100	8900	18000	1800 Y	< 240
MW-18	10/19/2015	470	800	790	2000	21000	16000	790
MW-18	1/19/2016	130	240	910	2900	26000	5400	300
MW-18	4/20/2016	1000	400	1400	3000	27000	4800	< 250
MW-18	7/19/2016	420	< 200	1300	2600	26000	3100	< 250
MW-18	11/8/2016	120	40	690	1200	16000	4000	< 250
MW-19	12/17/2013	610	10	1700	34	14000	3600	--
MW-19	6/24/2014	440	7.8	4.5	71	1300	1500	< 240
MW-19	11/6/2014	690	11	1500	150	9600	2100	< 250
MW-19	11/17/2014	530	12	1500	130	9700	2900	< 250
MW-19	1/15/2015	570	< 50	1100	< 150	11000	3000	< 270
MW-19	4/6/2015	580	9.3	1600	74	11000	2700 Y	< 250
MW-19	7/13/2015	500 H	< 100H	1100 H	< 150H	11000	3300 Y	< 250
MW-19	10/20/2015	670	< 20	1300	45	9200	1800	< 250
MW-19	1/19/2016	480 F1	< 20	840	76	9600	4500 F2F1	560 F1
MW-19	7/19/2016	680	9.3	1200	78	9700	3300	< 250
MW-19	11/9/2016	810	8.5	1500	55	9600	3300	270
MW-20	12/17/2013	590	6.6	7.4	8.5	1600	530	--
MW-20	6/24/2014	< 1.0	< 1.0	< 1.0	< 3.0	170	< 120	< 240
MW-20	11/6/2014	190	1.9	5.9	3.2	460	240	< 250
MW-20	11/17/2014	< 1.0	< 1.0	< 1.0	< 3.0	< 50	< 130	< 250
MW-20	1/12/2015	< 1.0	< 1.0	< 1.0	< 3.0	200	< 120	< 240
MW-20	4/7/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 240
MW-20	7/13/2015	360 H	6.2	42	17	1700	650 Y	< 250
MW-20	10/19/2015	330	3.6	5.2	4.7	910	290	< 250
MW-20	1/18/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-20	4/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-20	7/20/2016	34	< 20	< 30	< 30	190	270	< 250
MW-20	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250

Table 3
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CONSTITUENT UNIT		B ug/L	T ug/L	E ug/L	X ug/L	TPH-G ug/L	TPH-D ug/L	TPH-O ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
MW-21	12/17/2013	62	3.5	550	130	12000	3600	--
MW-21	6/24/2014	30	2.3	470	140	12000	2200	< 240
MW-21	11/6/2014	300	10	490	180	7300	2500	340
MW-21	11/17/2014	200	< 10	800	250	9300	2600	< 250
MW-21	1/15/2015	76	< 50	790	230	12000	4600	< 240
MW-21	4/7/2015	50	3.1	700	130	13000	2600 Y	< 250
MW-21	7/14/2015	41 F1	3.3 F1	340 H	72 H	12000	2500 F1Y	< 250F1
MW-21	10/19/2015	99	2.7	360	98	9600	2000	< 250
MW-21	1/18/2016	56	3.6	740	330	14000	5300	350
MW-21	4/19/2016	47	2.9	1000	210	13000	4100	< 250
MW-21	7/20/2016	40	2.7	390	46	9500	4700	280
MW-21	11/8/2016	44	< 20	680	160	10000	5700	260
MW-22	12/17/2013	< 1.0	< 1.0	41	31	5600	3600	--
MW-22	6/24/2014	< 1.0	< 1.0	34	28	6100	2800	--
MW-22	11/7/2014	< 1.0	< 1.0	8.2	8.2	2800	--	--
MW-22	11/18/2014	< 1.0	< 1.0	17	21	2800	1900	< 250
MW-22	1/12/2015	< 1.0	< 1.0	16	22	3800	2600	280
MW-22	4/7/2015	< 2.0	< 2.0	19	21	5500	2100 Y	< 240
MW-22	7/13/2015	< 2.0	< 2.0	20	24	4400	2500 Y	< 250
MW-22	10/20/2015	< 2.0	< 2.0	8.2	20	3400	1700 F1	< 250F1
MW-22	1/19/2016	< 2.0	< 2.0	3.3	4.7	1600	2800	620
MW-22	4/20/2016	< 2.0	< 2.0	4.7	8.2	1700	1600	380
MW-22	7/20/2016	< 200	< 200	< 300	< 300	2800	2100	< 250
MW-22	11/9/2016	< 2.0	< 2.0	< 3.0	5.8	1300	2600	620

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CONSTITUENT UNIT		B ug/L	T ug/L	E ug/L	X ug/L	TPH-G ug/L	TPH-D ug/L	TPH-O ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
MW-23	12/17/2013	< 1.0	< 1.0	< 1.0	< 3.0	1500	2200	--
MW-23	6/24/2014	< 1.0	< 1.0	< 1.0	< 3.0	1400	1800	< 240
MW-23	11/18/2014	1.9	< 1.0	< 1.0	< 3.0	920	1800	< 250
MW-23	1/12/2015	< 1.0	< 1.0	< 1.0	< 3.0	960	2100	< 250
MW-23	4/7/2015	< 2.0	< 2.0	< 3.0	< 3.0	1500	2000 Y	< 250
MW-23	7/13/2015	< 2.0	< 2.0	< 3.0	< 3.0	1100	1700 Y	< 250
MW-23	10/19/2015	< 2.0	< 2.0	< 3.0	< 3.0	1300	860	< 250
MW-23	1/18/2016	< 2.0	< 2.0	< 3.0	< 3.0	1600	5700	820
MW-23	4/20/2016	< 2.0	< 2.0	4.4	22	1500	4000	610
MW-23	7/20/2016	< 2.0F1	< 2.0	< 3.0	5.0	1400	2800 F1F2	330 F1F2
MW-23	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	1200	4100	570
MW-24	11/18/2014	4.9	4.3	34	19	1100	310	< 250
MW-24	1/14/2015	4.7	1.4	100	12	2100	1100	< 250
MW-24	4/6/2015	5.3	< 2.0	89	14	2700	770 Y	< 240
MW-24	7/14/2015	< 40	< 40	270	< 60	4200 F1	820 Y	< 250
MW-24	10/19/2015	11	< 2.0	180	5.1	3100	680	< 250
MW-24	1/18/2016	11	13	73	99	3300	1800	< 250
MW-24	7/19/2016	17	2.1	53	58	2300	770	< 250
MW-24	11/9/2016	42	< 2.0	62	10	2300	1600	< 250
MW-25	11/19/2014	410	13	2000	100	13000	1300	< 250
MW-25	1/13/2015	350	< 25	1300	< 75	10000	2600	< 240
MW-25	4/6/2015	170	4.1	790	11	9000	1800 Y	< 250
MW-25	7/14/2015	130	5.1	360	10	6300	1800 Y	< 250
MW-25	10/19/2015	170	6.9	460	37	6300	1300	< 250
MW-25	1/18/2016	230	6.0	700	17	11000	3300	< 250
MW-25	4/19/2016	220	8.5	1100	34	9600	3300	< 250
MW-25	7/19/2016	210	8.8	660	32	8300	2500	< 250
MW-25	11/8/2016	97	5.1	99	11	5600	2500	< 250
MW-27	11/18/2014	< 1.0	< 1.0	18	81	4800	1300	360
MW-27	1/13/2015	5.3	< 5.0	120	40	7400	2200	< 240
MW-27	4/6/2015	3.3	< 2.0	73 F1	14	8500	2000 YF1	< 240
MW-27	7/13/2015	5.8	3.0	270 H	76 H	11000	3300 Y	< 270
MW-27	10/19/2015	3.9	< 2.0	160	49	10000	2200	< 250
MW-27	1/18/2016	< 2.0	< 2.0	49	3.9	7600	3300	< 250
MW-27	7/19/2016	5.7	2.6	120	45	6500	2100	< 250

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MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
MW-28	11/18/2014	48	< 10	530	190	9500	1800	300
MW-28	1/13/2015	220	440	400	320	9900	2300	< 240
MW-28	4/6/2015	140	240	300	180	9900	2300 Y	< 250
MW-28	7/14/2015	40 F1	22 F1	730 F2F1	73	9100	2000 Y	< 250
MW-28	10/20/2015	130	34	610	53	8600	2200 H	< 250H
MW-28	7/19/2016	860	56	340	110	6800	2300	< 250
MW-28	11/9/2016	2700	54	510	300	7700	4100	< 250
MW-29	11/18/2014	1300	15	1000	580	8000	950	< 250
MW-29	1/14/2015	1100	110	1300	2000	18000	2800	< 240
MW-29	4/6/2015	350	62	1700	5000	35000	3700 Y	< 240
MW-29	7/13/2015	820 H	< 200H	1400 H	2200 H	20000	2700 Y	< 250
MW-29	10/20/2015	1100	100	900	320	7000	1400 H	< 250H
MW-29	1/18/2016	780	64	1200	2100	16000	15000	13000
MW-29	4/20/2016	340 H	48	1300 H	580	27000	3200 F1	< 250
MW-29	7/19/2016	200	28	510	2300	14000	2300	< 250
MW-29	11/9/2016	5.8	< 2.0	3.0	18	160	310	< 250
MW-31	1/12/2015	3300	690	3300	17000	69000	4100	< 240
MW-31	4/6/2015	2500	590	2800	18000	60000	3100 Y	< 240
MW-31	7/13/2015	1500 H	530 H	2500 H	13000 H	72000 H	2400 Y	< 250
MW-31	10/20/2015	2200	630	2800	15000	57000	2100	< 250
MW-31	1/19/2016	2100	580	2200	11000	58000	4500	390
MW-31	4/20/2016	2400 H	< 1000H	3000 H	15000 H	60000	5300	290
MW-31	7/19/2016	2300	570	3000	16000	56000	2600	320
MW-31	11/9/2016	2000	470	2100	9200	46000	3500	390
MW-32	11/18/2014	29	< 10	1600	150	13000	1300	< 250
MW-32	1/13/2015	5.5	2.9	860	39	11000	2200	< 240
MW-32	4/6/2015	4.9	4.9	1300	46	15000 B	2800 Y	< 240
MW-32	7/14/2015	< 20	< 20F1	970 H	< 30	9800	990 Y	< 250
MW-32	4/20/2016	21	11	1200 H	29	14000	5000	< 250
MW-32	7/19/2016	25	5.6	1100	36	14000	3300	< 250
MW-32	11/8/2016	45	< 20	1400	< 30	11000	3200	< 250

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CONSTITUENT UNIT		B ug/L	T ug/L	E ug/L	X ug/L	TPH-G ug/L	TPH-D ug/L	TPH-O ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
MW-35	1/14/2015	15000	8700	2900	12000	74000	3100	< 250
MW-35	4/6/2015	12000	11000	2700	17000	80000	3400 Y	< 240
MW-35	7/13/2015	8000 HE	2600 H	2200 H	11000 H	60000 H	4100 Y	< 250
MW-35	10/20/2015	10000	2100	2800	9600	46000	2900	< 250
MW-35	1/19/2016	9400	4600	2200	11000	55000	4600	280
MW-35	4/19/2016	11000	6800	2700	13000	71000	5100	250
MW-35	7/19/2016	12000	18000	2800	13000	82000	4900	< 250
MW-35	11/9/2016	10000	5700	2500	11000	59000	5300	280
MW-36	1/12/2015	7300	570	2700	13000	59000	2400	< 240
MW-36	4/6/2015	5500	440	2400	9900	52000	3100 Y	< 250
MW-36	7/13/2015	5900 H	380 H	2100 H	10000 H	47000 H	3700 Y	< 250
MW-36	10/20/2015	5300	360	2700	13000	59000	2800	< 250
MW-36	1/19/2016	6100	400	2200	10000	49000	5500	330
MW-36	4/19/2016	5900	320	2700	11000	49000	4500	< 250
MW-36	7/19/2016	6100	310	2700	11000	46000	3400	< 250
MW-36	11/9/2016	5100 F1	250 F1	1900	6500	44000	3700 F1F2	< 260F2
MW-37	11/18/2014	16	6	8.3	31	270	400	< 250
MW-37	1/13/2015	< 1.0	< 1.0	< 1.0	< 3.0	80	< 120	< 250
MW-37	4/6/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 240
MW-37	7/13/2015	< 2.0*	< 2.0*	< 3.0	< 3.0	< 50	< 110	< 250
MW-37	10/19/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-37	1/18/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-37	4/19/2016	< 2.0	< 2.0	< 3.0	8.0	< 50	< 110	< 250
MW-37	7/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-37	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-38	11/18/2014	30	4.4	9.2	59	910	190	< 250
MW-38	1/13/2015	32	< 1.0	1.3	< 3.0	560	260	< 240
MW-38	4/6/2015	19	< 2.0	< 3.0	< 3.0	460	200 Y	< 270
MW-38	7/14/2015	26	< 2.0	< 3.0	< 3.0	470 H	240 Y	< 250
MW-38	10/19/2015	33 F1	< 2.0	< 3.0	< 3.0	890	270	< 250F2
MW-38	1/18/2016	25	< 2.0	< 3.0	< 3.0	600	260	< 250
MW-38	4/19/2016	12	< 2.0	4.3	4.3	290	200	< 250
MW-38	7/19/2016	46	< 2.0	9.8	< 3.0	700	360	< 250
MW-38	11/8/2016	66	2.0	< 3.0	< 3.0	870	490	< 250

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CONSTITUENT UNIT		B ug/L	T ug/L	E ug/L	X ug/L	TPH-G ug/L	TPH-D ug/L	TPH-O ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
MW-39	11/18/2014	9.6	12	12	44	430	430	< 250
MW-39	1/13/2015	< 1.0	< 1.0	< 1.0	< 3.0	72	< 120	< 240
MW-39	4/6/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	190 Y	< 260
MW-39	7/13/2015	< 2.0*	< 2.0*	< 3.0	< 3.0	< 50	110 Y	< 250
MW-39	10/19/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-39	1/18/2016	< 2.0	< 2.0	< 3.0	< 3.0	57	< 110	< 250
MW-39	4/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-39	7/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-39	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-40	11/19/2014	1.9	< 1.0	4.9	< 3.0	140	< 130	< 250
MW-40	1/12/2015	< 1.0	< 1.0	< 1.0	< 3.0	< 50	< 120	< 240
MW-40	4/7/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 240
MW-40	7/13/2015	< 2.0*	< 2.0*	< 3.0	< 3.0	< 50	< 110	< 250
MW-40	10/19/2015	6.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-40	1/18/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-40	4/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-40	7/20/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-40	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-41	11/19/2014	11	3.5	33	16	1000	170	< 250
MW-41	1/12/2015	< 1.0	< 1.0	< 1.0	< 3.0	< 50	< 120	< 240
MW-41	4/7/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-41	7/14/2015	< 40	< 40	< 60	< 60	2600 H	590 Y	< 250
MW-41	10/20/2015	120	2.0	25	< 3.0	2800	640	< 250
MW-41	1/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-41	4/20/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-41	7/20/2016	9.4	< 2.0	4.4	< 3.0	310	170	< 250
MW-41	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-42	11/19/2014	990	17	2500	5500	31000	2400	< 250
MW-42	1/12/2015	780	22	2300	4200	27000	4000	< 250
MW-42	4/7/2015	320	32	2500	7000	35000	3100 Y	< 240
MW-42	7/14/2015	660	< 40	1800 H	4500 H	31000 H	2300 Y	< 250
MW-42	1/19/2016	170	32	2000	3200	23000	3100	< 250
MW-42	4/20/2016	290 H	26	2100 H	3300 H	26000	3000	< 250
MW-42	7/20/2016	< 2000	< 2000	< 3000	6300	36000	3400 *	< 250*
MW-42	11/9/2016	450	< 40	1700	3900	27000	3900 F1F2	< 260F2

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CONSTITUENT UNIT		B ug/L	T ug/L	E ug/L	X ug/L	TPH-G ug/L	TPH-D ug/L	TPH-O ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
MW-43	11/19/2014	< 1.0	5.2	370	1900	29000	1900	< 250
MW-43	1/12/2015	1.2	5.2	290	1500	33000	5700	< 240
MW-43	4/7/2015	4.2	12	410	1900	32000	4700 Y	< 240
MW-43	7/14/2015	< 40	< 40	580	2000 H	33000 H	2600 Y	< 260
MW-43	10/20/2015	31	16	790	2000	28000 H	5100 H	< 250H
MW-43	1/19/2016	< 2.0	5.2	270	1400	35000	5000 F1	< 250
MW-43	4/20/2016	3.4	7.8	300 H	1400 H	31000	4200	< 250
MW-43	7/20/2016	21	16	540 F1	2600	34000	3900 F1*	< 250*
MW-43	11/9/2016	< 40	< 40	230	960	20000	4900	< 250
MW-44	11/19/2014	130	8	1100	230	9300	1400	330
MW-44	1/12/2015	8.2	12	800	1900	12000	1900	< 240
MW-44	4/7/2015	5.2	14	670	100	10000	1900 Y	< 240
MW-44	7/13/2015	70 H	< 40H	920 H	92 H	9400 H	1300 Y	< 250
MW-44	10/20/2015	350	33	1400	77	10000	1300	< 250
MW-44	10/20/2015	1100	17	2100	4500	27000	2400	< 250
MW-44	1/19/2016	22	7.4	910	180	9400	1600	< 250
MW-44	4/20/2016	6.6	6.8	730 H	< 300H	10000	1800	< 250
MW-44	7/20/2016	< 200	< 200	800	< 300	7700	1700 *	< 250*
MW-44	11/9/2016	5.1	4.3	590	82	7500	1700	< 250
MW-45	11/18/2014	170	74	450	270	5500	1300	< 250
MW-45	1/13/2015	9.2	3.5	510	15	9600	2400	< 250
MW-45	4/6/2015	6.6	3.7	630	13	10000	2400 Y	< 240
MW-45	7/14/2015	< 20	< 20	240	< 30	6200 H	1900 Y	< 250
MW-45	10/19/2015	27	3.5	230	24	3900	680	< 250
MW-45	1/19/2016	7.2	3.1	830	21	10000	2900	< 250
MW-45	4/19/2016	5.7	3.7	750	17	10000	3000	< 250
MW-45	7/19/2016	12	3.3	680	10	7900	2300 *	< 250*
MW-45	11/8/2016	16	3.1	890	13	5900	2200	< 250
MW-47	1/13/2015	1.2	< 1.0	< 1.0	< 3.0	430	1600	< 240
MW-47	4/6/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 240
MW-47	7/14/2015	< 2.0	< 2.0	< 3.0	< 3.0	200 H	120 Y	< 250
MW-47	10/19/2015	< 2.0	< 2.0	< 3.0	< 3.0	280	< 110	< 250
MW-47	4/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	51	120	< 250
MW-47	7/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	51	< 110*	< 250*
MW-47	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	130	< 250

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16292 Ovenell Road
Mt. Vernon, WA 98421

CONSTITUENT UNIT		B ug/L	T ug/L	E ug/L	X ug/L	TPH-G ug/L	TPH-D ug/L	TPH-O ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
MW-48	1/13/2015	< 1.0	< 1.0	< 1.0	< 3.0	310	180	< 240
MW-48	4/6/2015	< 2.0	< 2.0	< 3.0	< 3.0	160	< 110	< 250
MW-48	7/14/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50H	< 110	< 250
MW-48	10/19/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50H	< 110F2F1	< 250
MW-48	1/18/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-48	4/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-48	7/20/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110*	< 250*
MW-48	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-49	1/13/2015	< 1.0	< 1.0	< 1.0	< 3.0	< 50	< 120	< 240
MW-49	4/6/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-49	7/13/2015	< 2.0*	< 2.0*	< 3.0	< 3.0	< 50	< 110	< 250
MW-49	10/19/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-49	1/18/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-49	4/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-49	7/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110*	< 250*
MW-49	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-50	1/12/2015	< 1.0	< 1.0	< 1.0	< 3.0	< 50	< 120	< 240
MW-50	4/6/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 240
MW-50	7/13/2015	< 2.0*	< 2.0*	< 3.0	< 3.0	< 50	< 110	< 250
MW-50	10/19/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110H	< 250H
MW-50	1/18/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-50	4/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-50	7/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110*	< 250*
MW-50	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-51	1/13/2015	< 1.0	< 1.0	< 1.0	< 3.0	< 50	< 120	< 240
MW-51	4/6/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 240
MW-51	7/13/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-51	10/19/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	190	< 250
MW-51	1/18/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-51	4/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-51	7/19/2016	< 2.0	< 2.0	< 3.0	3.2	< 50	< 110*	< 250*
MW-51	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250

Table 3
Groundwater Analytical Data
Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

CONSTITUENT UNIT		B ug/L	T ug/L	E ug/L	X ug/L	TPH-G ug/L	TPH-D ug/L	TPH-O ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
MW-52	1/13/2015	320	6.2	590	29	14000	2900	< 250
MW-52	4/6/2015	280	10	1600	14	14000 B	2700 Y	< 240
MW-52	7/14/2015	330	13	1600 H	40	14000 H	2800 Y	< 250
MW-52	10/19/2015	330 F1	14	1300 F1	32	13000	3400 F1	< 250
MW-52	1/18/2016	400	12	1400	22	12000 F1	3000	< 250
MW-52	4/19/2016	370	8.9	1400	26	13000	3200	< 250
MW-52	7/20/2016	480	15	1600	60 F1	12000	3100 *	< 250*
MW-52	11/8/2016	550	8.0	1800	16	11000	3900	< 250
MW-53	1/12/2015	12000	470	2500	11000	55000	3600	< 240
MW-53	4/6/2015	15000	440	3100	14000	51000	2800 Y	< 240
MW-53	7/13/2015	15000 H	< 1000H	2600 H	12000 H	50000 H	4100 Y	< 250
MW-53	10/20/2015	15000	420	2600	12000	44000 H	3300	< 250
MW-53	1/19/2016	14000	410	2500	11000	49000	3400	< 250
MW-53	4/19/2016	15000	410	2800	12000	51000	5600	310
MW-53	7/19/2016	16000	420	2800	12000	44000	3200 *	< 250*
MW-53	11/9/2016	12000	330	2400	6700	34000	4600	280
MW-54	11/16/2005	< 0.5	< 0.5	< 0.5	< 1	< 50	--	--
MW-54	2/26/2007	< 0.5	< 0.5	< 0.5	< 1	< 50	< 236	< 472
MW-54	5/9/2007	< 0.5	< 0.5	< 0.5	< 1	< 50	< 236	< 472
MW-54	1/17/2008	< 0.5	< 0.5	< 0.5	< 1	< 50	--	--
MW-54	4/7/2008	< 0.5	< 0.5	< 0.5	< 1	< 50	< 238	< 476
MW-54	7/22/2008	< 0.5	< 0.5	0.543	< 1	< 50	< 781	< 1560
MW-54	3/17/2010	< 1.0	< 1.0	< 1.0	< 2.0	< 50	< 120	< 240
MW-54	3/4/2011	< 1.0	< 1.0	< 1.0	< 3.0	< 50.0	< 75	< 380
MW-54	5/10/2012	< 1.0	< 1.0	< 1.0	< 3.0	< 50.0	< 75	< 380
MW-54	3/27/2013	< 0.5	< 0.5	< 0.5	< 1.0	< 50	--	--
MW-54	11/7/2014	< 1.0	< 1.0	< 1.0	< 3.0	< 50	--	--
MW-54	11/17/2014	2.4	12	8.6	32	530	2000	610
MW-54	1/13/2015	< 1.0	< 1.0	< 1.0	< 3.0	< 50	< 120	< 240
MW-54	4/6/2015	2.2	< 2.0	< 3.0	< 3.0	< 50	< 110	< 240
MW-54	1/18/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-54	4/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50H	130	< 250
MW-54	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-55	10/19/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-55	1/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-55	4/20/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-55	7/20/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110*	< 250*
MW-55	11/10/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250

Table 3
Groundwater Analytical Data
Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

CONSTITUENT UNIT		B ug/L	T ug/L	E ug/L	X ug/L	TPH-G ug/L	TPH-D ug/L	TPH-O ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
MW-56	10/20/2015	< 200	< 200	2400	9200	41000 H	3300 F1	< 250F1
MW-56	1/19/2016	5.0	12	< 300	870	6100	1200	< 250
MW-56	4/20/2016	38	82	1900 H	7800 H	40000	4100	< 250
MW-56	7/20/2016	51	130	2200	9200	48000	3500 *	< 250*
MW-56	11/10/2016	19	45	740	3000	10000	1400	< 250
MW-57	10/20/2015	2.6	< 2.0	< 3.0	< 3.0	160	< 110	< 250
MW-57	4/20/2016	28	< 2.0	< 3.0	3.4 H	260	220	< 250
MW-57	7/20/2016	22 F1	< 2.0	5.7 F1	4.0	260	< 110	< 250
MW-57	11/9/2016	13	< 2.0	< 3.0	< 3.0F1	150	150 F2	< 250F2
MW-58	10/20/2015	< 2.0	< 2.0	< 3.0	< 3.0	1900	990	< 250
MW-58	4/20/2016	< 2.0	< 2.0	< 3.0	< 3.0	2600	8900	930
MW-58	7/20/2016	< 2.0	< 2.0	< 3.0	< 3.0	1800	1200	< 250
MW-58	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	2200	4400 F1F2	660 F1F2
MW-59	10/20/2015	2.7	43	< 3.0	< 3.0	2100	660	< 250
MW-59	4/20/2016	< 2.0	< 2.0	< 3.0	< 3.0	3700	9500	970
MW-59	7/20/2016	< 2.0	< 2.0	< 3.0	< 3.0	2500	6000	280
MW-59	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	2300	11000	1500
MW-60	10/20/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50H	< 110	< 250
MW-60	4/20/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	180	< 250
MW-60	7/20/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-60	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	1700	< 260
MW-61	10/20/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-61	1/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-61	4/20/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-61	7/20/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-61	11/10/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-62	10/20/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110H	< 250H
MW-62	1/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-62	4/20/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 260
MW-62	7/20/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-62	11/10/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 260

Table 3
Groundwater Analytical Data
Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

CONSTITUENT UNIT		B ug/L	T ug/L	E ug/L	X ug/L	TPH-G ug/L	TPH-D ug/L	TPH-O ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
MW-63	10/20/2015	8.1	7.1	89	120	1500	260 H	< 250H
MW-63	1/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-63	4/20/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-63	7/20/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-63	11/10/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-64	10/19/2015	19	2.0	< 3.0	5.4	1600	1900	270
MW-64	1/18/2016	26	2.5	< 3.0	7.4	2000	3200	460
MW-64	4/20/2016	29	< 2.0	< 3.0	6.5	1800	2900	400
MW-64	7/20/2016	19	< 2.0	< 3.0	5.1	1600	1900	< 250
MW-64	11/9/2016	21	2.2	< 3.0	5.9	1300	2700	450
MW-65	10/20/2015	1900	22	1100	54	7200	1600	< 250
MW-65	1/19/2016	3700	25	2500	62	12000	4500	310
MW-65	4/19/2016	3900	< 200	2600	< 300	14000	3900	< 250
MW-65	7/19/2016	2700	19	1100	57	8300	2600	< 250
MW-65	11/9/2016	2600	21	1400	60	7400	3700	320
MW-66	10/20/2015	290	9.2	84	16	4000	870	< 250
MW-66	1/19/2016	240	5.5	410	14	4100	2000	< 250
MW-66	4/19/2016	780	< 200	1800	< 300	9600	3000	< 250
MW-66	7/19/2016	430	7.6	< 150	12	3100	1300	< 250
MW-66	11/9/2016	260	7.9	190	11	2800	1600	< 250
MW-67	11/10/2016	52	3.7	210	14	1200	350	< 250
MW-68	11/10/2016	< 2.0	< 2.0	7.7	< 3.0	150	< 110	< 250
MW-69	11/10/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-70	11/10/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110	< 250
MW-71	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	200	< 260

Table 3
Groundwater Analytical Data
Allen Pump Station
16292 Ovenell Road
Mt. Vernon, WA 98421

CONSTITUENT UNIT		B ug/L	T ug/L	E ug/L	X ug/L	TPH-G ug/L	TPH-D ug/L	TPH-O ug/L
MTCA METHOD A CLEANUP LEVELS		5	1000	700	1000	1000/800 ¹	500	500
IW-1	11/7/2014	< 1.0	< 1.0	< 1.0	< 3.0	< 50	--	--
IW-1	1/13/2015	< 1.0	< 1.0	< 1.0	< 3.0	< 50	< 120	< 240
IW-1	4/7/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50	130 Y	260 Y
IW-1	7/14/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50H	120 Y	< 250
IW-1	10/19/2015	< 2.0	< 2.0	< 3.0	< 3.0	< 50H	420	< 260
IW-1	1/18/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	140	< 250
IW-1	4/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	200	< 250
IW-1	7/19/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 110*	< 250*
IW-1	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	140	< 260
SRW-1	7/16/2007	27.6	1.15	0.801	1.09	316	4430	< 472
SRW-1	10/25/2007	1.43	< 0.5	< 0.5	< 1	< 50	4830	< 476
SRW-1	12/17/2013	< 1.0	< 1.0	< 1.0	< 3.0	170	160	--
PW-3	1/20/2009	< 0.5	< 0.5	< 0.5	< 1	< 50	< 236	< 472
PW-6	1/20/2009	< 0.5	< 0.5	< 0.5	< 1	< 50	< 243	< 485
AG WELL	11/10/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	130	< 260

Notes:

B = Benzene

T = Toluene

E = Ethyl benzene

X = Xylenes, Total

TPH-G = Total petroleum hydrocarbons as gasoline by Northwest Method NWTPH-Gx

TPH-D = Total petroleum hydrocarbons as diesel by Northwest Method NWTPH-Dx

TPH-O = Total petroleum hydrocarbons as oil by Northwest Method NWTPH-Dx

1,000/800¹ ug/L if no detectable levels of Benzene in the sample - otherwise 800 ug/L

<1.0 = Concentrations were not detected above the laboratory method reporting limit.

ug/L = Micrograms per liter

ND = Not detected

-- = No value given/Not analyzed/Not applicable

MTCA = Model Toxics Control Act

Results in **bold** indicate concentrations in excess of MTCA Method A Cleanup Levels

* = LCS or LCSD is outside acceptance limits.

B = Compound was found in the blank and sample.

E = Result exceeded calibration range.

F1 = MS and/or MSD Recovery is outside acceptance limits.

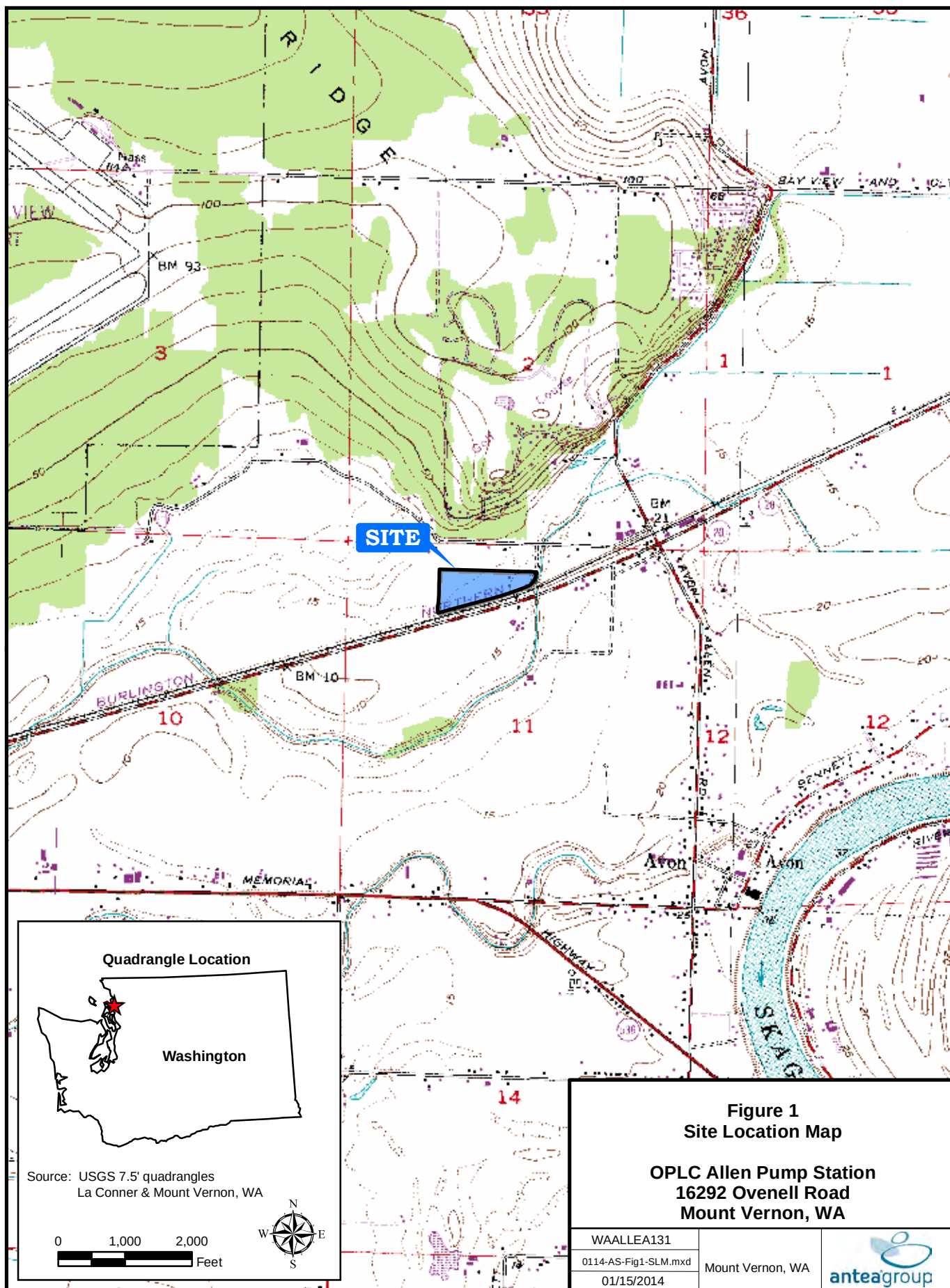
F2 = MS/MSD RPD exceeds control limits

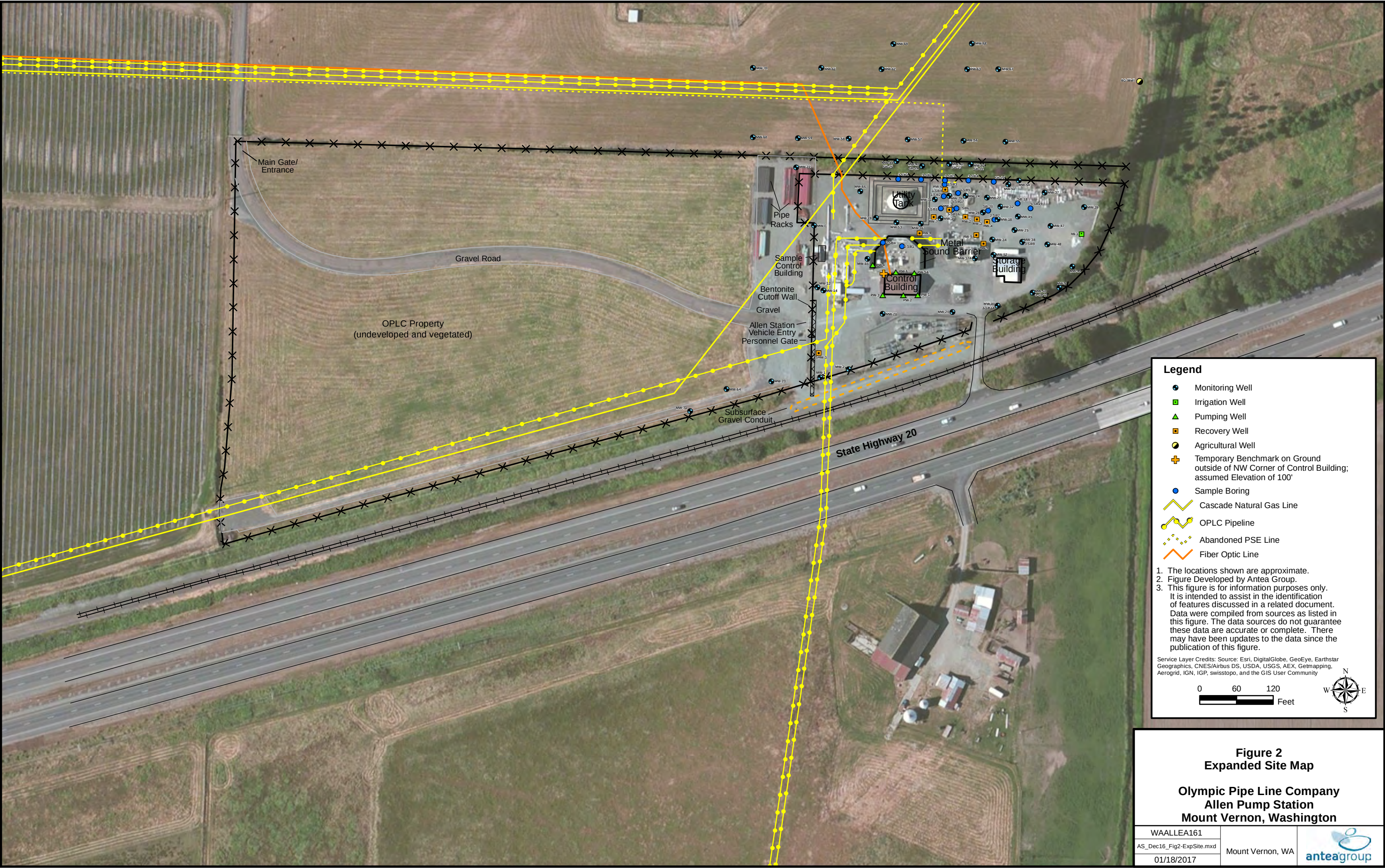
H = Sample was prepped or analyzed beyond the specified holding time

Y = The chromatographic response resembles a typical fuel pattern.

Figures

Figure 1	Site Location Map
Figure 2	Expanded Site Map
Figure 3	Soil Analytical Data Map – 10/24/2016 – 10/25/2016
Figure 4	Groundwater Analytical Data Map – 7/19/2016 – 7/20/2016
Figure 5A	Groundwater Analytical Data Map – 11/8/2016 – 11/10/2016
Figure 5B	Groundwater Analytical Data Map – 11/8/2016 – 11/10/2016
Figure 6	Groundwater Elevation Contour Map – 7/19/2016
Figure 7	Groundwater Elevation Contour Map – 11/8/2015
Figure 8	TPH-G Plume Map – 7/19/2016 – 7/20/2016
Figure 9	TPH-G Plume Map – 11/8/2016 – 11/10/2016





Legend

Monitoring Well

Irrigation Well

Pumping Well

Recovery Well

Agricultural Well

Temporary Benchmark on Ground outside of NW Corner of Control Building; assumed Elevation of 100'

Sample Boring

Cascade Natural Gas Line

OPLC Pipeline

Abandoned PSE Line

Fiber Optic Line

Sample ID	MTCA Method A
Benzene (mg/kg)	0.03
Toluene (mg/kg)	7
Ethyl-benzene (mg/kg)	6
Xylenes (mg/kg)	9
TPH-Gasoline (mg/kg)	30*
TPH-Diesel (mg/kg)	2000
TPH-Oil (mg/kg)	2000

1. The locations shown are approximate.

2. Figure Developed by Antea Group.

3. This figure is for information purposes only. It is intended to assist in the identification of features discussed in a related document. Data were compiled from sources as listed in this figure. The data sources do not guarantee these data are accurate or complete. There may have been updates to the data since the publication of this figure.

Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

060120

Feet

N

W

E

S

NOTES:
All concentrations reported in milligrams per kilogram (mg/kg)
TPH-G = Total petroleum hydrocarbons as gasoline by Northwest Method NWTPH-Gx
TPH-D = Total petroleum hydrocarbons as diesel by Northwest Method NWTPH-Dx
TPH-O = Total petroleum hydrocarbons as oil by Northwest Method NWTPH-Ox
* = MTCA Method A Cleanup Level for TPH-Gasoline is 100 (mg/kg) if benzene is not detectable in sample
-- = Not sampled, not measured, or not analyzed
< = Less than the stated laboratory reporting limit or method detection limit
Bolded values equal or exceed MTCA Method A Cleanup Levels
MTCA = Model Toxics Control Act

Figure 3
Soil Analytical Data Map
10/24/2016 - 10/25/2016

Olympic Pipe Line Company
Allen Pump Station
Mount Vernon, Washington

WAALLEA161	Mount Vernon, WA	
AS_Dec16_Fig3-Oct16SAD.mxd		
01/18/2017		

Legend

Monitoring Well

Irrigation Well

Pumping Well

Recovery Well

Agricultural Well

Temporary Benchmark on Ground outside of NW Corner of Control Building; assumed Elevation of 100'

Cascade Natural Gas Line

OPLC Pipeline

Abandoned PSE Line

Fiber Optic Line

Sample ID	MTCA Method A
Benzene (µg/L)	5
Toluene (µg/L)	1000
Ethyl-benzene (µg/L)	700
Xylenes (µg/L)	1000
TPH-Gasoline (µg/L)	800*
TPH-Diesel (µg/L)	500
TPH-Oil (µg/L)	500

1. The locations shown are approximate.

2. Figure Developed by Antea Group.

3. This figure is for information purposes only. It is intended to assist in the identification of features discussed in a related document. Data were compiled from sources as listed in this figure. The data sources do not guarantee these data are accurate or complete. There may have been updates to the data since the publication of this figure.

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03060

Feet

N

E

S

W

Monitoring Wells Data:

Well ID	Date	B	T	E	X	TPH-G	TPH-D	TPH-O
MW-1	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	350	< 250
MW-2	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	1,500	900
MW-3	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-4	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-5	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-6	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-7	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-8	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-9	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-10	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-11	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-12	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-13	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-14	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-15	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-16	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-17	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-18	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-19	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-20	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-21	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-22	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-23	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-24	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-25	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-26	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-27	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-28	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-29	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-30	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-31	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-32	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-33	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-34	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-35	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-36	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-37	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-38	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-39	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-40	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-41	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-42	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-43	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-44	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-45	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-46	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-47	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-48	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-49	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-50	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-51	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-52	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-53	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-54	11/8/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-55	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-56	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-57	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-58	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-59	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-60	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-61	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-62	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-63	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-64	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-65	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-66	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-67	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-68	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-69	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-70	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
MW-71	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250

Recovery Wells Data:

Well ID	Date	B	T	E	X	TPH-G	TPH-D	TPH-O
RW-1	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
RW-2	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
RW-3	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
RW-4	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
RW-5	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
RW-6	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
RW-7	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
RW-8	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
RW-9	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250

Pumping Wells Data:

Well ID	Date	B	T	E	X	TPH-G	TPH-D	TPH-O
PW-1	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
PW-2	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
PW-3	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
PW-4	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250
PW-5A	11/9/2016	< 2.0	< 2.0	< 3.0	< 3.0	< 50	< 250	< 250

Infrastructure:

- Control Building
- Storage Building
- Utility Tank
- Bentonite Cutoff Wall
- Allen Station Vehicle Entry Personnel Gate
- Subsurface Gravel Conduit
- Metal Sound Barrier

Legend:

- Monitoring Well
- Irrigation Well
- Pumping Well
- Recovery Well
- Agricultural Well
- Temporary Benchmark on Ground outside of NW Corner of Control Building; assumed Elevation of 100'
- Cascade Natural Gas Line
- OPLC Pipeline
- Abandoned PSE Line
- Fiber Optic Line

Scale: 0 30 60 Feet

North Arrow: N, E, S, W

Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

NOTES:

All concentrations reported in micrograms per liter (µg/L)

TPH-G = Total petroleum hydrocarbons as gasoline by Northwest Method NWTPH-Gx

TPH-D = Total petroleum hydrocarbons as diesel by Northwest Method NWTPH-Dx

TPH-O = Total petroleum hydrocarbons as oil by Northwest Method NWTPH-Dx

Benzene, toluene, ethylbenzene, and total xylenes analyzed by EPA Method 8260

1 = MTCA Method A Cleanup Level for TPH-Gasoline is 1000 (µg/L) if benzene is not detectable in groundwater

-- = Not sampled, not measured, or not analyzed

< = Less than the stated laboratory reporting limit or method detection limit

Bolded values equal or exceed MTCA Method A Cleanup Levels

MTCA = Model Toxics Control Act

F1 = MS and/or MSD Recovery is outside acceptance limits.

F2 = MS/MSD RPD exceeds control limits

Figure 5A

Groundwater Analytical Data Map

11/08/2016 - 11/10/2016

Olympic Pipe Line Company

Allen Pump Station

Mount Vernon, Washington

WAALLEA161

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01/18/2017

Mount Vernon, WA

anteagroup

Legend

Monitoring Well

Irrigation Well

Pumping Well

Recovery Well

Agricultural Well

Temporary Benchmark on Ground
outside of NW Corner of Control Building;
assumed Elevation of 100'

Cascade Natural Gas Line

OPLC Pipeline

Abandoned PSE Line

Fiber Optic Line

Sample ID	MTCA
Sample Date	Method A
Benzene (µg/L)	5
Toluene (µg/L)	1000
Ethyl-benzene (µg/L)	700
Xylenes (µg/L)	1000
TPH-Gasoline (µg/L)	800*
TPH-Diesel (µg/L)	500
TPH-Oil (µg/L)	500

1. The locations shown are approximate.

2. Figure Developed by Antea Group.

3. This figure is for information purposes only. It is intended to assist in the identification of features discussed in a related document. Data were compiled from sources as listed in this figure. The data sources do not guarantee these data are accurate or complete. There may have been updates to the data since the publication of this figure.

Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

060120

Feet

N

W

E

S

NOTES:
All concentrations reported in micrograms per liter (µg/L)
TPH-G = Total petroleum hydrocarbons as gasoline by Northwest Method NWTPH-Gx
TPH-D = Total petroleum hydrocarbons as diesel by Northwest Method NWTPH-Dx
TPH-O = Total petroleum hydrocarbons as oil by Northwest Method NWTPH-Ox
Benzene, toluene, ethylbenzene, and total xylenes analyzed by EPA Method 8260
1 = MTCA Method A Cleanup Level for TPH-Gasoline is 1000 (µg/L) if benzene is not detectable in groundwater
- = Not sampled, not measured, or not analyzed
< = Less than the stated laboratory reporting limit or method detection limit
Bolded values equal or exceed MTCA Method A Cleanup Levels
MTCA = Model Toxics Control Act
F1 = MS and/or MSD Recovery is outside acceptance limits.
F2 = MS/MSD RPD exceeds control limits

Figure 5B
Groundwater Analytical Data Map
11/08/2016 - 11/10/2016

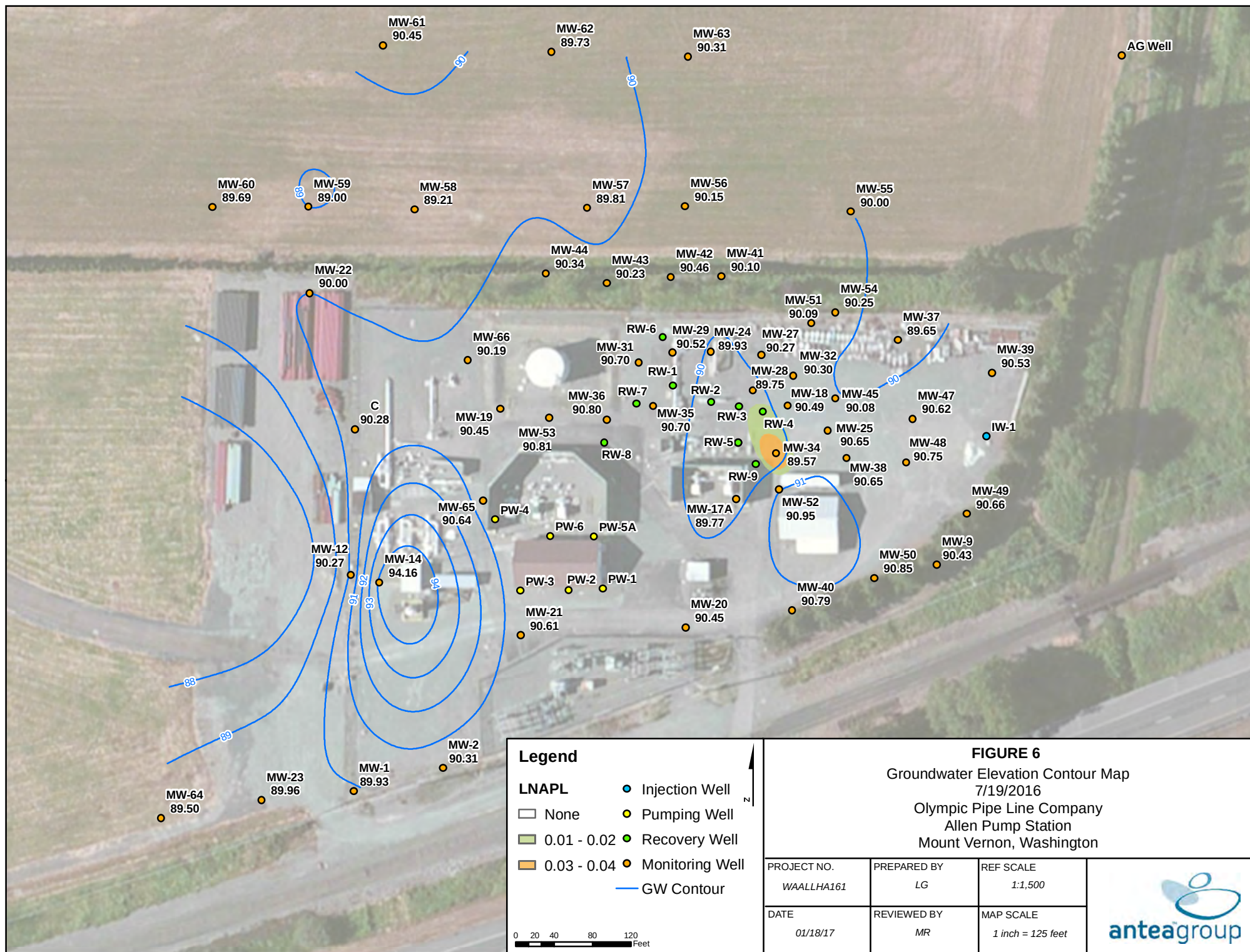
Olympic Pipe Line Company
Allen Pump Station
Mount Vernon, Washington

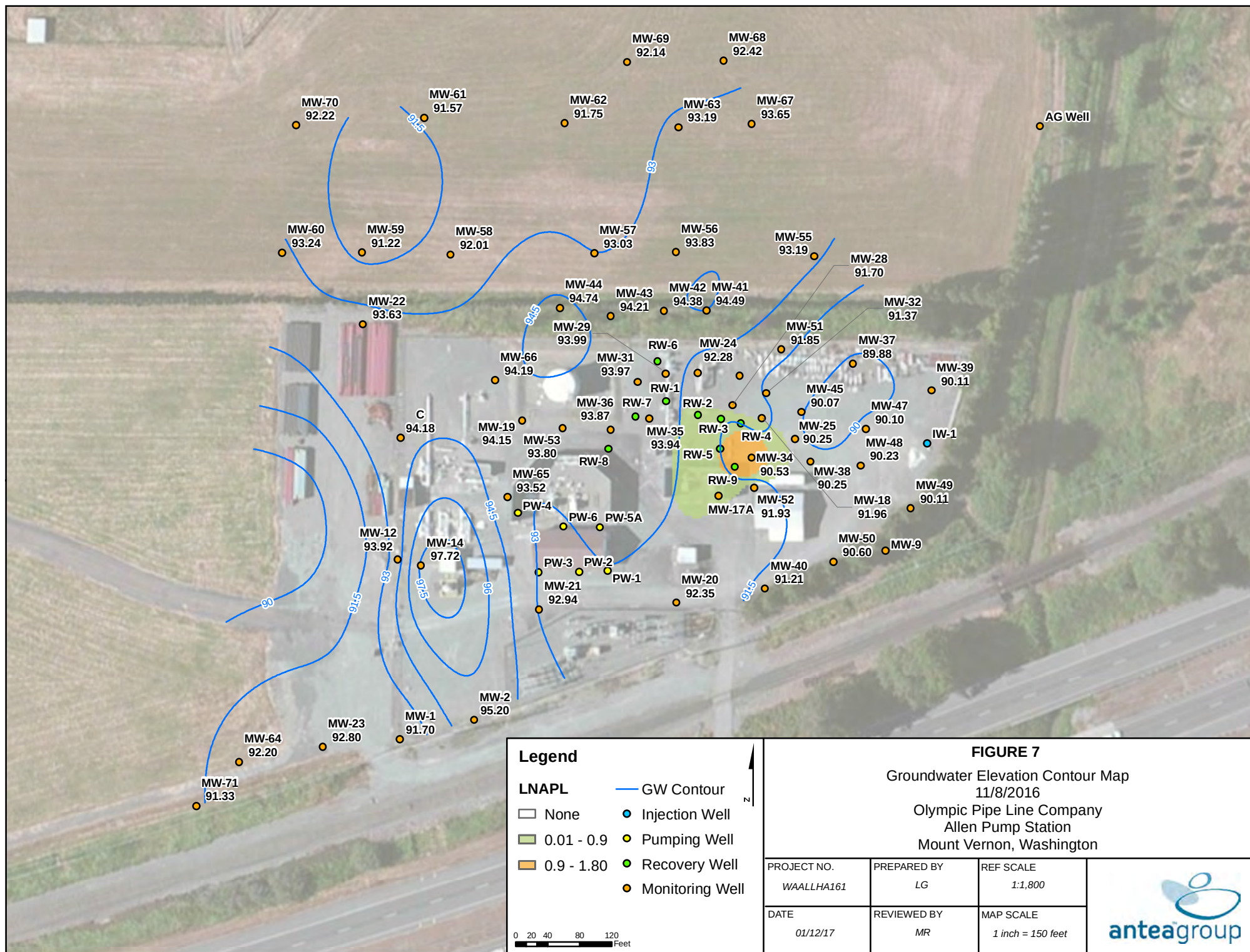
WAALLEA161

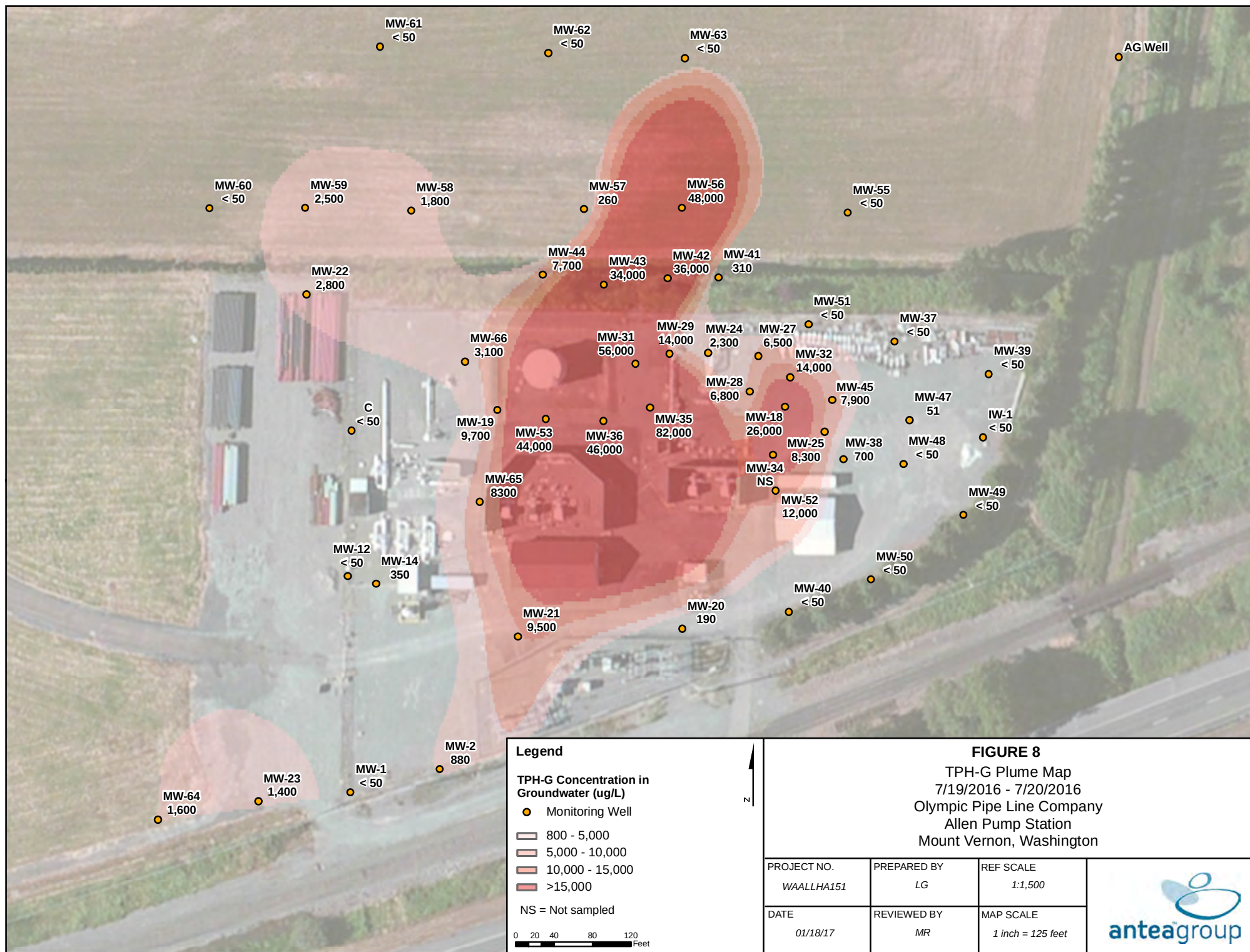
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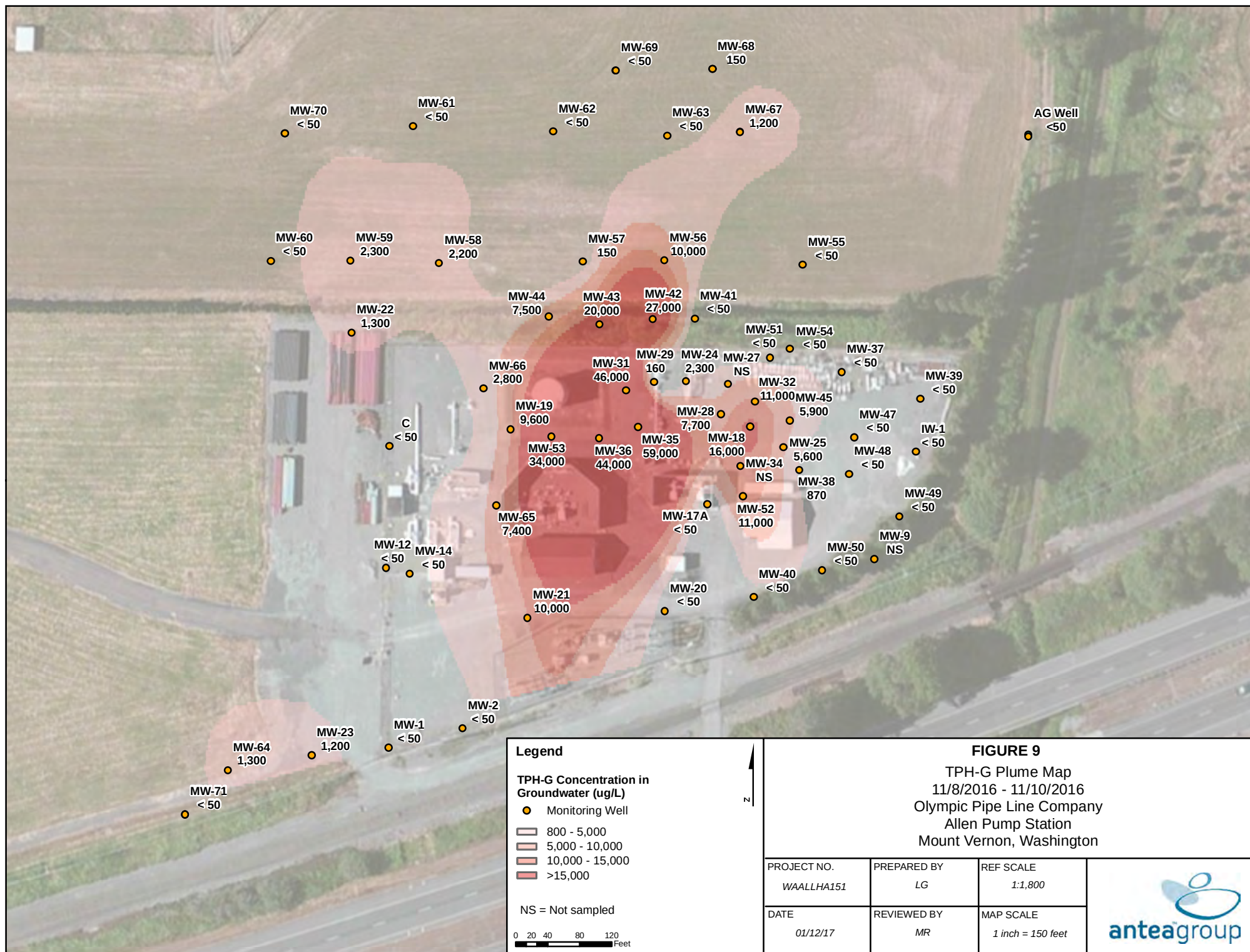
01/18/2017

Mount Vernon, WA









Appendix A

Summary of Field Procedures and Quality Assurance Plan

FIELD PROCEDURES

Discrete soil samples were collected from each boring to characterize site soils with respect to petroleum hydrocarbon impacts. Samples submitted for analyses were collected using a hand auger or a core barrel sampler with a 2.25-inch outside diameter by 48-inch long acetate liner. The samples were labeled and immediately placed in cold storage until submitted to the laboratory for analyses. The soil samples were collected in accordance with EPA Method 5035A. The samples were transported to the laboratory under chain-of-custody procedures to document sample integrity. Test America of Tacoma, Washington performed all laboratory analyses.

During the drilling activities, soil samples were screened using a photoionization detector (PID). The PID was a MiniRAE VOC vapor meter equipped with a 10.6 electron volt (eV) ultraviolet (UV) lamp and calibrated to benzene standards with isobutylene for direct readings in parts per million (ppm). The operating range of the detector is from 0 to 15,000 ppm with a minimum detection limit of 0.1 ppm. It should be noted that the PID measurements are considered semi-quantitative data since the instrument detects all organic compounds with ionization potentials less than 10.6 eV. A portion of the soil samples were removed from the sampler and placed in plastic bags, sealed and brought to approximately ambient air temperature. The PID probe was inserted into an opening of the plastic bag and the reading noted. The soil within the bag was agitated during the reading process to aid in mobilization of volatile organic vapors. Although the PID is not capable of quantifying or identifying specific organic compounds, it is capable of measuring a variety of organic vapors frequently associated with petroleum hydrocarbons.

ANALYTICAL METHODS

Sample Identification and Chain-of-Custody Procedures

Sample identification and chain-of-custody procedures ensure sample integrity and document sample possession from the time of collection to delivery to the laboratory. Each sample submitted for analysis was labeled and identified with the project number, date and time of sample collection, sampler and sample number unique to the sample. This information, in addition to any field measurements, noted names of on-site personnel, and any other pertinent field observations were recorded in the field notes. Samples were analyzed by Test America of Tacoma, Washington.

Upon arrival at the laboratory, the sample control personnel at the laboratory verified sample integrity and confirmed that the sample was collected in the proper container, packaged correctly, and that there was adequate volume of sample for the required analyses. The laboratory assigned a unique log number for identification of each sample throughout analyses and reporting. The log number was recorded on the chain of custody form and in the legally required logbook maintained in the laboratory. The sample description, date received, client name, and any other relevant information was recorded.

Analytical Quality Assurance

In addition to routine calibration of the analytical instruments with standards and blanks, the analyst is required to run duplicates and spikes on 10 percent of the analyses to insure an added measure of precision and accuracy.

Accuracy is also verified through the following:

1. U.S. Environmental Protection Agency (EPA) and State certification programs.
2. Participation in an inter-laboratory or "round-robin" quality assurance program.
3. Verification of results with an alternative method. For example, calcium may be determined by atomic absorption, ion chromatography, or titrimetric methods.

Analytical Methods

The analytical tests performed for this evaluation were chosen based upon standard requirements issued by the Washington State Department of Ecology. Select samples collected during this investigation were analyzed by the following methods:

1. Total petroleum hydrocarbons as gasoline by Northwest Method NWTPH-Gx;
2. Total petroleum hydrocarbons as diesel and oil by Northwest Method NWTPH-Dx;
3. Benzene, toluene, ethylbenzene, xylenes (BTEX) by EPA Method 8260; and
4. Total lead by EPA 6010/6020.

Appendix B

Boring Logs



WELL/BORING: MW-67

Unique Ecology Well ID: BJJY-295

INSTALLATION DATE: 10/24/2016

DRILLING METHOD: HA / Direct Push

PROJECT: Allen Station

SAMPLING METHOD: HA / Acetate Sleeve

CLIENT: OPLC

BORING DIAMETER: 2.5"

LOCATION: 16292 Ovenell Road

BORING DEPTH: 13'

CITY: Mount Vernon

WELL CASING: SCH 40 PVC 2"

STATE: WA

WELL SCREEN: 3 - 13' (0.010")

DRILLER: Cascade Drilling Inc.

SAND PACK: 2 - 13' (10 X 20)

WELL/BORING COMPLETION	FIRST ▽	STABILIZED ▼	MOISTURE	PID (ppm)	DENSITY BLOWS / 6"	DEPTH (FEET)	RECOVERY	SAMPLE INTERVAL	USCS SYMBOL	GRAPHIC	CASING ELEVATION	95.61'
											SURVEY DATE:	10/25/2016
											DTW:	1.96'
											DESCRIPTION/LOGGED BY: Kenneth Davis	
Concrete						1					Surface = grass	
Bentonite			DRY	0.1	-	2			ML		Sandy <u>SILT</u> : brownish gray; slight plasticity; 75% silt; 25% very fine to fine sand.	
			DMP	0.1	-	3			SM		Silty <u>SAND</u> : brown; 10% silt; 90% very fine to fine sand.	
			DMP	0.1	-	4			SM		Same as above.	
			MST	0.9	-	5			SM		Same as above.	
						6						
			WET	62.9	-	7			SM		Same as above; odor	
						8			SP		<u>SAND</u> : gray; 100% fine to coarse sand.	
						9						
			WET	50.9	-	10			SM		Silty <u>SAND</u> : gray; 10% silt; 90% very fine to fine sand.	
						11						
			WET	9.3	-	12			ML		Clayey <u>SILT</u> : gray; slight plasticity; 20% clay; 70% silt; trace fine sand.	
						13						
						14						
						15						
						16						
						17						
						18						
						19						
						20						
						21						
						22						



WELL/BORING: MW-68

Unique Ecology Well ID: BJJ-296

INSTALLATION DATE: 10/24/2016

DRILLING METHOD: HA / Direct Push

PROJECT: Allen Station

SAMPLING METHOD: HA / Acetate Sleeve

CLIENT: OPLC

BORING DIAMETER: 2.5"

LOCATION: 16292 Ovenell Road

BORING DEPTH: 13'

CITY: Mount Vernon

WELL CASING: SCH 40 PVC 2"

STATE: WA

WELL SCREEN: 3 - 13' (0.010")

DRILLER: Cascade Drilling Inc.

SAND PACK: 2 - 13' (10 X 20)

WELL/BORING COMPLETION	FIRST ▽	STABILIZED ▼	MOISTURE	PID (ppm)	DENSITY BLOWS / 6"	DEPTH (FEET)	RECOVERY	SAMPLE INTERVAL	USCS SYMBOL	GRAPHIC	CASING ELEVATION	95.69'
											SURVEY DATE:	10/25/2016
											DTW:	3.27'
											DESCRIPTION/LOGGED BY: Kenneth Davis	
Concrete						1					Surface = grass	
Bentonite						2						
		▼	DRY	0.1	-	3			SP		SAND: gray; trace silt; 90% very fine to fine sand.	
					-	4						
			MST	0.1	-	5			SP		SAND: brownish gray; trace silt; 90% very fine to fine sand.	
	▽					6						
			WET	0.3	-	7					Same as above; odor	
						8			SM		Silty SAND: brownish gray; 10% silt; 90% fine to coarse sand.	
			WET	0.5	-	9			SM		Silty SAND: brownish gray; 15% silt; 85% very fine to fine sand.	
						10						
						11			SM		Silty SAND: gray; 30% silt; 70% very fine to fine sand.	
						12			SM		Same as above. Woody debris.	
			WET	23.6	-	13			ML		Clayey Silt: gray; moderate plasticity; 20% clay; 70% silt; trace sand; odor.	
						14						
						15						
						16						
						17						
						18						
						19						
						20						
						21						
						22						



WELL/BORING: MW-69

Unique Ecology Well ID: BJJ-297

INSTALLATION DATE: 10/24/2016

DRILLING METHOD: HA / Direct Push

PROJECT: Allen Station

SAMPLING METHOD: HA / Acetate Sleeve

CLIENT: OPLC

BORING DIAMETER: 2.5"

LOCATION: 16292 Ovenell Road

BORING DEPTH: 13'

CITY: Mount Vernon

WELL CASING: SCH 40 PVC 2"

STATE: WA

WELL SCREEN: 3 - 13' (0.010")

DRILLER: Cascade Drilling Inc.

SAND PACK: 2 - 13' (10 X 20)

WELL/BORING COMPLETION	FIRST	STABILIZED	MOISTURE	PID (ppm)	DENSITY BLOWS / 6"	DEPTH (FEET)	RECOVERY	SAMPLE INTERVAL	USCS SYMBOL	GRAPHIC	CASING ELEVATION	95.49'
	▽	▼									SURVEY DATE:	10/25/2016
											DTW:	3.35'
											DESCRIPTION/LOGGED BY: Kenneth Davis	
Concrete						1					Surface = grass	
Bentonite						2						
			DRY	0.0	-	3			SP		SAND: gray; 100% fine sand.	
			DRY	0.0	-	4						
			DRY	0.0	-	5			SP		SAND: gray; 100% fine to medium sand.	
			WET	0.2	-	6						
			WET	0.1	-	7			SP		SAND: gray; 100% medium to very coarse sand.	
			WET	0.2	-	8						
			WET	0.2	-	9			SM		Silty SAND: brownish gray; 20% silt; 80% very fine to fine sand.	
						10					Silty SAND: gray; 30% silt; 70% very fine to fine sand.	
						11						
						12			ML		Clayey Silt: gray; slight plasticity; 30% clay; 70% silt; woody / organic debris.	
						13			CL		CLAY: gray; moderate plasticity.	
						14						
						15						
						16						
						17						
						18						
						19						
						20						
						21						
						22						



WELL/BORING: MW-70

Unique Ecology Well ID: BJY-298

INSTALLATION DATE: 10/24/2016

DRILLING METHOD: HA / Direct Push

PROJECT: Allen Station

SAMPLING METHOD: HA / Acetate Sleeve

CLIENT: OPLC

BORING DIAMETER: 2.5"

LOCATION: 16292 Ovenell Road

BORING DEPTH: 13'

CITY: Mount Vernon

WELL CASING: SCH 40 PVC 2"

STATE: WA

WELL SCREEN: 3 - 13' (0.010")

DRILLER: Cascade Drilling Inc.

SAND PACK: 2 - 13' (10 X 20)

WELL/BORING COMPLETION	FIRST	STABILIZED	MOISTURE	PID (ppm)	DENSITY BLOWS / 6"	DEPTH (FEET)	RECOVERY	SAMPLE INTERVAL	USCS SYMBOL	GRAPHIC	CASING ELEVATION	95.68'
	▽	▼									SURVEY DATE:	10/25/2016
											DTW:	3.77'
											DESCRIPTION/LOGGED BY: Kenneth Davis	
Concrete						1					Surface = grass	
Bentonite						2						
			DMP	0.2	-	3			SM		Silty <u>SAND</u> : gray; 40% silt; 60% very fine sand; iron staining.	
						4						
			DMP	0.1	-	5			SM		Same as above.	
						6						
			WET	0.2	-	7			SP		<u>SAND</u> : gray; 100% medium to coarse sand.	
						8			ML		Sandy <u>SILT</u> : gray; 80% silt; 20% very fine to fine sand; iron staining.	
						9						
			WET	0.2	-	10			SM		Silty <u>SAND</u> : gray; 20% silt; 80% very fine to fine sand.	
						11						
			WET	0.2	-	12						
						13			SM		Same as above.	
						14						
						15						
						16						
						17						
						18						
						19						
						20						
						21						
						22						



WELL/BORING: MW-71

Unique Ecology Well ID: BJJ-299

INSTALLATION DATE: 10/25/2016

DRILLING METHOD: HA / Direct Push

PROJECT: Allen Station

SAMPLING METHOD: HA / Acetate Sleeve

CLIENT: OPLC

BORING DIAMETER: 2.5"

LOCATION: 16292 Ovenell Road

BORING DEPTH: 13'

CITY: Mount Vernon

WELL CASING: SCH 40 PVC 2"

STATE: WA

WELL SCREEN: 3 - 13' (0.010")

DRILLER: Cascade Drilling Inc.

SAND PACK: 2 - 13' (10 X 20)

WELL/BORING COMPLETION	FIRST ▽	STABILIZED ▼	MOISTURE	PID (ppm)	DENSITY BLOWS / 6"	DEPTH (FEET)	RECOVERY	SAMPLE INTERVAL	USCS SYMBOL	GRAPHIC	CASING ELEVATION	93.62'
											SURVEY DATE:	10/25/2016
											DTW:	2.29'
											DESCRIPTION/LOGGED BY: Kenneth Davis	
Concrete						1					Surface = gravel access road	
Bentonite						2						
		▼	DMP	0.2	-	3			SM		Sandy <u>SILT</u> : brownish gray; 80% silt; 20% very fine sand.	
	▽		WET	15.7	-	4			ML		<u>SILT</u> : gray; slight plasticity; 90% silt; trace very fine sand.	
			WET	-	-	5						
			WET	-	-	6						
			WET	-	-	7			SM		Silty <u>SAND</u> : gray; 20% silt; 70% fine sand.	
			WET	10.1	-	8					Poor recovery.	
						9						
						10					Poor recovery.	
						11			SM		Silty <u>SAND</u> : gray; 20% silt; 80% fine to medium sand.	
			WET	2.1	-	12						
						13			SM		Silty <u>SAND</u> : gray 20% silt, 80% very fine to fine sand.	
						14						
						15						
						16						
						17						
						18						
						19						
						20						
						21						
						22						

Appendix C

Waste Disposal Documentation

**NON-HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No.
EXE

Manifest Doc. No.
312424-14

2. Page 1
of 1

3. Generator's Name and Mailing Address

**OLYMPIC PIPELINE ALLEN PUMP STATION
16292 OVENELL RD**

4. Generator's Phone (**MOUNT VERNON WA 98273 (425)498-7712**

5. Transporter 1 Company Name

CASCADE DRILLING

6. US EPA ID Number

CESQG

A. Transporter's Phone

(425)485-8908

7. Transporter 2 Company Name

BURLINGTON ENVIRONMENTAL, LLC

8. US EPA ID Number

WAR000001743

B. Transporter's Phone

(253)383-3044

9. Designated Facility Name and Site Address

**BURLINGTON ENVIRONMENTAL, LLC. KENT
20245 77th Avenue South**

10. US EPA ID Number

WAD991281767

C. Facility's Phone

(253) 872-8030

11. Waste Shipping Name and Description

12. Containers

13. Total
Quantity

14. Unit
Wt/Vol

a. MATERIAL NOT REGULATED BY DDT (NON-HAZARDOUS)

1

DM

400

P

b. MATERIAL NOT REGULATED BY DDT (NON-HAZARDOUS)

2

DM

600

P

D. Additional Descriptions for Materials Listed Above

a) 818089-00 - NON-HAZARDOUS WASTE SOLID - LF01 (1) b) 818090-00 - NON-HAZARDOUS
WASTE LIQUID - WAT05 (2)

E. Handling Codes for Wastes Listed Above

a) b)

15. Special Handling Instructions and Additional Information

**PLEASE MAIL MANIFESTS TO ATTN: KYLE SATTERTHWAITE, CASCADE DRILLING, 35100 PACIFIC HWY SOUTH, FEDERAL WAY, WA
98003**

16. GENERATOR'S CERTIFICATION: "I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations." I also certify that all times listed above are true and correct.

Printed/Typed Name

Kenneth Davis

Signature

Kenneth Davis

Month Day Year
12 22 16

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Paul Townsend

Signature

Paul Townsend

Month Day Year
12 22 16

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Cassandra Sanchez for BENC

Signature

Cassandra Sanchez

Month Day Year
12 22 16

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in item 19.

Printed/Typed Name

Cassandra Gallegos

Signature

Cassandra Gallegos

Month Day Year
12 26 16

ORIGINAL - RETURN TO GENERATOR

113 DEC 26 PM 5:32

51475

GENERATOR

TRANSPORTER

FACILITY

Appendix D

Soil Laboratory Analytical Report

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Seattle

5755 8th Street East

Tacoma, WA 98424

Tel: (253)922-2310

TestAmerica Job ID: 580-63633-1

Client Project/Site: OPLC - Allen Station

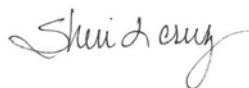
For:

Antea USA, Inc.

4006 148th Ave NE

Redmond, Washington 98052

Attn: Mackie Stock



Authorized for release by:

11/9/2016 2:13:20 PM

Sheri Cruz, Project Manager I

(253)922-2310

sheri.cruz@testamericainc.com

Designee for

Wendy Jonas, Project Manager I

(253)922-2310

wendy.jonas@testamericainc.com

LINKS

Review your project
results through

TotalAccess

Have a Question?



Visit us at:

www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.



The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the BPLAMP Technical Specifications, applicable federal, state, local regulations and certification requirements as well as the methodologies as described in laboratory SOPs reviewed by the BPLAMP. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain of Custody is included and is an integral part of this report.

A handwritten signature in black ink, appearing to read "Sheri Cruz", positioned above a horizontal blue line.

Sheri Cruz
Project Manager I
11/9/2016 2:13:20 PM

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Case Narrative

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-63633-1

Job ID: 580-63633-1

Laboratory: TestAmerica Seattle

Narrative

Job Narrative 580-63633-1

Comments

No additional comments.

Receipt

The samples were received on 10/26/2016 1:30 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.7° C.

GC/MS VOA

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

GC Semi VOA

Method(s) NWTPH-Dx: CCV 580-231731/9 recovered high for the surrogate o-Terphenyl for %D limit. The surrogate was within limits in the preceding and following CCVs. Since the %Rec is within the acceptance criteria for the surrogate in the CCV and associated samples, the data have been reported. MW-67-3.0 (580-63633-1), MW-68-2.5 (580-63633-2), MW-69-2.5 (580-63633-3), MW-70-2.5 (580-63633-4), MW-71-2.5 (580-63633-5), (CCV 580-231731/9), (LCS 580-230943/2-A), (LCSD 580-230943/3-A), (MB 580-230943/1-A), (580-63633-B-3-C DU) and (580-63633-B-3-B MS)

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

Metals

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

General Chemistry

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

Organic Prep

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

Definitions/Glossary

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-63633-1

Glossary

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

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-63633-1

Client Sample ID: MW-67-3.0

Date Collected: 10/24/16 10:30

Date Received: 10/26/16 13:30

Lab Sample ID: 580-63633-1

Matrix: Solid

Percent Solids: 76.4

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.061		mg/Kg	☼	11/02/16 08:23	11/02/16 16:34	1
Benzene	ND		0.025		mg/Kg	☼	11/02/16 08:23	11/02/16 16:34	1
Toluene	ND		0.061		mg/Kg	☼	11/02/16 08:23	11/02/16 16:34	1
Ethylbenzene	ND		0.061		mg/Kg	☼	11/02/16 08:23	11/02/16 16:34	1
Xylenes, Total	ND		0.31		mg/Kg	☼	11/02/16 08:23	11/02/16 16:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	115		52 - 152	11/02/16 08:23	11/02/16 16:34	1
Toluene-d8 (Surr)	90		79 - 119	11/02/16 08:23	11/02/16 16:34	1
1,2-Dichloroethane-d4 (Surr)	106		81 - 121	11/02/16 08:23	11/02/16 16:34	1
4-Bromofluorobenzene (Surr)	112		79 - 120	11/02/16 08:23	11/02/16 16:34	1
Dibromofluoromethane (Surr)	109		78 - 118	11/02/16 08:23	11/02/16 16:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		6.1		mg/Kg	☼	10/28/16 11:26	10/28/16 18:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		30		mg/Kg	☼	10/28/16 08:52	11/07/16 13:37	1
Motor Oil (>C24-C36)	ND		60		mg/Kg	☼	10/28/16 08:52	11/07/16 13:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	80		50 - 150	10/28/16 08:52	11/07/16 13:37	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	3.6		0.50		mg/Kg	☼	11/05/16 10:26	11/08/16 04:29	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	76.4		0.1		%	-		10/29/16 12:10	1
Percent Moisture	23.6		0.1		%	-		10/29/16 12:10	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-63633-1

Client Sample ID: MW-68-2.5

Date Collected: 10/24/16 11:25

Date Received: 10/26/16 13:30

Lab Sample ID: 580-63633-2

Matrix: Solid

Percent Solids: 79.0

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.053		mg/Kg	☼	11/02/16 08:23	11/02/16 17:01	1
Benzene	ND		0.021		mg/Kg	☼	11/02/16 08:23	11/02/16 17:01	1
Toluene	ND		0.053		mg/Kg	☼	11/02/16 08:23	11/02/16 17:01	1
Ethylbenzene	ND		0.053		mg/Kg	☼	11/02/16 08:23	11/02/16 17:01	1
Xylenes, Total	ND		0.26		mg/Kg	☼	11/02/16 08:23	11/02/16 17:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	115		52 - 152	11/02/16 08:23	11/02/16 17:01	1
Toluene-d8 (Surr)	91		79 - 119	11/02/16 08:23	11/02/16 17:01	1
1,2-Dichloroethane-d4 (Surr)	104		81 - 121	11/02/16 08:23	11/02/16 17:01	1
4-Bromofluorobenzene (Surr)	111		79 - 120	11/02/16 08:23	11/02/16 17:01	1
Dibromofluoromethane (Surr)	108		78 - 118	11/02/16 08:23	11/02/16 17:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		5.3		mg/Kg	☼	10/28/16 11:26	10/28/16 19:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		30		mg/Kg	☼	10/28/16 08:52	11/07/16 13:59	1
Motor Oil (>C24-C36)	ND		60		mg/Kg	☼	10/28/16 08:52	11/07/16 13:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	73		50 - 150	10/28/16 08:52	11/07/16 13:59	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	2.1		0.50		mg/Kg	☼	11/05/16 10:26	11/08/16 04:34	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	79.0		0.1		%	-		10/29/16 12:10	1
Percent Moisture	21.0		0.1		%	-		10/29/16 12:10	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-63633-1

Client Sample ID: MW-69-2.5

Date Collected: 10/24/16 13:55

Date Received: 10/26/16 13:30

Lab Sample ID: 580-63633-3

Matrix: Solid

Percent Solids: 92.7

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.048		mg/Kg	☼	11/02/16 08:23	11/02/16 17:28	1
Benzene	ND		0.019		mg/Kg	☼	11/02/16 08:23	11/02/16 17:28	1
Toluene	ND		0.048		mg/Kg	☼	11/02/16 08:23	11/02/16 17:28	1
Ethylbenzene	ND		0.048		mg/Kg	☼	11/02/16 08:23	11/02/16 17:28	1
Xylenes, Total	ND		0.24		mg/Kg	☼	11/02/16 08:23	11/02/16 17:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	116		52 - 152	11/02/16 08:23	11/02/16 17:28	1
Toluene-d8 (Surr)	90		79 - 119	11/02/16 08:23	11/02/16 17:28	1
1,2-Dichloroethane-d4 (Surr)	105		81 - 121	11/02/16 08:23	11/02/16 17:28	1
4-Bromofluorobenzene (Surr)	110		79 - 120	11/02/16 08:23	11/02/16 17:28	1
Dibromofluoromethane (Surr)	106		78 - 118	11/02/16 08:23	11/02/16 17:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		4.8		mg/Kg	☼	10/28/16 11:26	10/28/16 20:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		25		mg/Kg	☼	10/28/16 08:52	11/07/16 14:22	1
Motor Oil (>C24-C36)	ND		49		mg/Kg	☼	10/28/16 08:52	11/07/16 14:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	76		50 - 150	10/28/16 08:52	11/07/16 14:22	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.0		0.50		mg/Kg	☼	11/05/16 10:26	11/08/16 04:39	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	92.7		0.1		%	-		10/29/16 12:10	1
Percent Moisture	7.3		0.1		%	-		10/29/16 12:10	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-63633-1

Client Sample ID: MW-70-2.5

Date Collected: 10/24/16 14:25

Date Received: 10/26/16 13:30

Lab Sample ID: 580-63633-4

Matrix: Solid

Percent Solids: 71.4

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.064		mg/Kg	☼	11/02/16 08:23	11/02/16 17:55	1
Benzene	ND		0.026		mg/Kg	☼	11/02/16 08:23	11/02/16 17:55	1
Toluene	ND		0.064		mg/Kg	☼	11/02/16 08:23	11/02/16 17:55	1
Ethylbenzene	ND		0.064		mg/Kg	☼	11/02/16 08:23	11/02/16 17:55	1
Xylenes, Total	ND		0.32		mg/Kg	☼	11/02/16 08:23	11/02/16 17:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	117		52 - 152	11/02/16 08:23	11/02/16 17:55	1
Toluene-d8 (Surr)	92		79 - 119	11/02/16 08:23	11/02/16 17:55	1
1,2-Dichloroethane-d4 (Surr)	106		81 - 121	11/02/16 08:23	11/02/16 17:55	1
4-Bromofluorobenzene (Surr)	111		79 - 120	11/02/16 08:23	11/02/16 17:55	1
Dibromofluoromethane (Surr)	108		78 - 118	11/02/16 08:23	11/02/16 17:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		6.4		mg/Kg	☼	10/28/16 11:26	10/28/16 20:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		34		mg/Kg	☼	10/28/16 08:52	11/07/16 15:28	1
Motor Oil (>C24-C36)	ND		67		mg/Kg	☼	10/28/16 08:52	11/07/16 15:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	77		50 - 150	10/28/16 08:52	11/07/16 15:28	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	2.5		0.60		mg/Kg	☼	11/05/16 10:26	11/08/16 04:43	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	71.4		0.1		%	-		10/29/16 12:10	1
Percent Moisture	28.6		0.1		%	-		10/29/16 12:10	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-63633-1

Client Sample ID: MW-71-2.5

Date Collected: 10/25/16 09:30

Date Received: 10/26/16 13:30

Lab Sample ID: 580-63633-5

Matrix: Solid

Percent Solids: 75.6

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.060		mg/Kg	☼	11/02/16 08:23	11/02/16 18:22	1
Benzene	ND		0.024		mg/Kg	☼	11/02/16 08:23	11/02/16 18:22	1
Toluene	ND		0.060		mg/Kg	☼	11/02/16 08:23	11/02/16 18:22	1
Ethylbenzene	ND		0.060		mg/Kg	☼	11/02/16 08:23	11/02/16 18:22	1
Xylenes, Total	ND		0.30		mg/Kg	☼	11/02/16 08:23	11/02/16 18:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	118		52 - 152	11/02/16 08:23	11/02/16 18:22	1
Toluene-d8 (Surr)	92		79 - 119	11/02/16 08:23	11/02/16 18:22	1
1,2-Dichloroethane-d4 (Surr)	105		81 - 121	11/02/16 08:23	11/02/16 18:22	1
4-Bromofluorobenzene (Surr)	109		79 - 120	11/02/16 08:23	11/02/16 18:22	1
Dibromofluoromethane (Surr)	105		78 - 118	11/02/16 08:23	11/02/16 18:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		6.0		mg/Kg	☼	10/28/16 11:26	10/28/16 21:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		29		mg/Kg	☼	10/28/16 08:52	11/07/16 15:51	1
Motor Oil (>C24-C36)	ND		59		mg/Kg	☼	10/28/16 08:52	11/07/16 15:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	67		50 - 150	10/28/16 08:52	11/07/16 15:51	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.8		0.61		mg/Kg	☼	11/05/16 10:26	11/08/16 04:48	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids	75.6		0.1		%	-		10/29/16 12:10	1
Percent Moisture	24.4		0.1		%	-		10/29/16 12:10	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-63633-1

Client Sample ID: Trip Blanks

Date Collected: 10/24/16 00:01

Date Received: 10/26/16 13:30

Lab Sample ID: 580-63633-6

Matrix: Solid

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.040		mg/Kg		11/02/16 08:23	11/02/16 13:26	1
Benzene	ND		0.016		mg/Kg		11/02/16 08:23	11/02/16 13:26	1
Toluene	ND		0.040		mg/Kg		11/02/16 08:23	11/02/16 13:26	1
Ethylbenzene	ND		0.040		mg/Kg		11/02/16 08:23	11/02/16 13:26	1
Xylenes, Total	ND		0.20		mg/Kg		11/02/16 08:23	11/02/16 13:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	112		52 - 152	11/02/16 08:23	11/02/16 13:26	1
Toluene-d8 (Surr)	92		79 - 119	11/02/16 08:23	11/02/16 13:26	1
1,2-Dichloroethane-d4 (Surr)	103		81 - 121	11/02/16 08:23	11/02/16 13:26	1
4-Bromofluorobenzene (Surr)	104		79 - 120	11/02/16 08:23	11/02/16 13:26	1
Dibromofluoromethane (Surr)	105		78 - 118	11/02/16 08:23	11/02/16 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		4.0		mg/Kg		10/28/16 11:26	10/28/16 16:19	1

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-63633-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 580-231282/7-A

Matrix: Solid

Analysis Batch: 231331

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 231282

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.0047		mg/Kg		11/02/16 08:23	11/02/16 10:17	1
Benzene	ND		0.0019		mg/Kg		11/02/16 08:23	11/02/16 10:17	1
Toluene	ND		0.0047		mg/Kg		11/02/16 08:23	11/02/16 10:17	1
Ethylbenzene	ND		0.0047		mg/Kg		11/02/16 08:23	11/02/16 10:17	1
Xylenes, Total	ND		0.023		mg/Kg		11/02/16 08:23	11/02/16 10:17	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	111		52 - 152	11/02/16 08:23	11/02/16 10:17	1
Toluene-d8 (Surr)	93		79 - 119	11/02/16 08:23	11/02/16 10:17	1
1,2-Dichloroethane-d4 (Surr)	105		81 - 121	11/02/16 08:23	11/02/16 10:17	1
4-Bromofluorobenzene (Surr)	103		79 - 120	11/02/16 08:23	11/02/16 10:17	1
Dibromofluoromethane (Surr)	103		78 - 118	11/02/16 08:23	11/02/16 10:17	1

Lab Sample ID: LCS 580-231282/8-A

Matrix: Solid

Analysis Batch: 231331

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 231282

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Methyl tert-butyl ether	0.801	0.882		mg/Kg		110	58 - 134
Benzene	0.803	0.788		mg/Kg		98	70 - 118
Toluene	0.801	0.744		mg/Kg		93	67 - 119
Ethylbenzene	0.803	0.767		mg/Kg		96	66 - 119
m-Xylene & p-Xylene	0.802	0.766		mg/Kg		96	69 - 126
o-Xylene	0.801	0.745		mg/Kg		93	66 - 127
Xylenes, Total	1.60	1.51		mg/Kg		94	70 - 121

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Trifluorotoluene (Surr)	111		52 - 152
Toluene-d8 (Surr)	92		79 - 119
1,2-Dichloroethane-d4 (Surr)	101		81 - 121
4-Bromofluorobenzene (Surr)	105		79 - 120
Dibromofluoromethane (Surr)	107		78 - 118

Lab Sample ID: LCSD 580-231282/9-A

Matrix: Solid

Analysis Batch: 231331

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 231282

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	RPD Limit
Methyl tert-butyl ether	0.801	0.889		mg/Kg		111	58 - 134	1	20
Benzene	0.803	0.770		mg/Kg		96	70 - 118	2	19
Toluene	0.801	0.735		mg/Kg		92	67 - 119	1	19
Ethylbenzene	0.803	0.746		mg/Kg		93	66 - 119	3	23
m-Xylene & p-Xylene	0.802	0.758		mg/Kg		95	69 - 126	1	23
o-Xylene	0.801	0.730		mg/Kg		91	66 - 127	2	22
Xylenes, Total	1.60	1.49		mg/Kg		93	70 - 121	2	17

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-63633-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 580-231282/9-A

Matrix: Solid

Analysis Batch: 231331

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 231282

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Trifluorotoluene (Surr)	113		52 - 152
Toluene-d8 (Surr)	92		79 - 119
1,2-Dichloroethane-d4 (Surr)	104		81 - 121
4-Bromofluorobenzene (Surr)	105		79 - 120
Dibromofluoromethane (Surr)	108		78 - 118

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

Lab Sample ID: MB 580-230985/1-A

Matrix: Solid

Analysis Batch: 230991

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 230985

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		4.0		mg/Kg		10/28/16 11:26	10/28/16 14:46	1

Lab Sample ID: LCS 580-230985/2-A

Matrix: Solid

Analysis Batch: 230991

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 230985

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline	40.0	36.9		mg/Kg		92	68 - 120

Lab Sample ID: LCSD 580-230985/3-A

Matrix: Solid

Analysis Batch: 230991

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 230985

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Gasoline	40.0	38.3		mg/Kg		96	68 - 120	4	25

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

Lab Sample ID: MB 580-230943/1-A

Matrix: Solid

Analysis Batch: 231731

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 230943

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		25		mg/Kg		10/28/16 08:52	11/07/16 12:31	1
Motor Oil (>C24-C36)	ND		50		mg/Kg		10/28/16 08:52	11/07/16 12:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	87		50 - 150	10/28/16 08:52	11/07/16 12:31	1

Lab Sample ID: LCS 580-230943/2-A

Matrix: Solid

Analysis Batch: 231731

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 230943

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
#2 Diesel (C10-C24)	503	426		mg/Kg		85	70 - 125

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-63633-1

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

Lab Sample ID: LCS 580-230943/2-A

Matrix: Solid

Analysis Batch: 231731

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 230943

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Motor Oil (>C24-C36)	503	464		mg/Kg		92	64 - 127
Surrogate	%Recovery	LCS Qualifier	Limits				
o-Terphenyl	92		50 - 150				

Lab Sample ID: LCSD 580-230943/3-A

Matrix: Solid

Analysis Batch: 231731

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 230943

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
#2 Diesel (C10-C24)	503	415		mg/Kg		82	70 - 125	3	16
Motor Oil (>C24-C36)	503	452		mg/Kg		90	64 - 127	3	17
Surrogate	%Recovery	LCSD Qualifier	Limits						
o-Terphenyl	86		50 - 150						

Lab Sample ID: 580-63633-3 MS

Matrix: Solid

Analysis Batch: 231731

Client Sample ID: MW-69-2.5

Prep Type: Total/NA

Prep Batch: 230943

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
#2 Diesel (C10-C24)	ND		497	399		mg/Kg	☼	80	70 - 125
Motor Oil (>C24-C36)	ND		497	434		mg/Kg	☼	87	64 - 127
Surrogate	%Recovery	MS Qualifier	Limits						
o-Terphenyl	89		50 - 150						

Lab Sample ID: 580-63633-3 DU

Matrix: Solid

Analysis Batch: 231731

Client Sample ID: MW-69-2.5

Prep Type: Total/NA

Prep Batch: 230943

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
#2 Diesel (C10-C24)	ND		ND		mg/Kg	☼	NC	35
Motor Oil (>C24-C36)	ND		ND		mg/Kg	☼	NC	35
Surrogate	%Recovery	DU Qualifier	Limits					
o-Terphenyl	82		50 - 150					

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 580-231671/20-A

Matrix: Solid

Analysis Batch: 231835

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 231671

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.25		mg/Kg		11/05/16 10:26	11/08/16 02:25	5

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-63633-1

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 580-231671/21-A
Matrix: Solid
Analysis Batch: 231835

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 231671

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	50.0	49.8		mg/Kg		100	80 - 120

Lab Sample ID: LCSD 580-231671/22-A
Matrix: Solid
Analysis Batch: 231835

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 231671

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	50.0	48.8		mg/Kg		98	80 - 120	2	20

Lab Chronicle

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-63633-1

Client Sample ID: MW-67-3.0

Date Collected: 10/24/16 10:30

Date Received: 10/26/16 13:30

Lab Sample ID: 580-63633-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D 2216		1	231069	10/29/16 12:10	JW1L	TAL SEA

Client Sample ID: MW-67-3.0

Date Collected: 10/24/16 10:30

Date Received: 10/26/16 13:30

Lab Sample ID: 580-63633-1

Matrix: Solid

Percent Solids: 76.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			231282	11/02/16 08:23	J1J	TAL SEA
Total/NA	Analysis	8260C		1	231331	11/02/16 16:34	JSM	TAL SEA
Total/NA	Prep	5035			230985	10/28/16 11:26	J1J	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	230991	10/28/16 18:54	JW1L	TAL SEA
Total/NA	Prep	3546			230943	10/28/16 08:52	CBS	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	231731	11/07/16 13:37	KZ1	TAL SEA
Total/NA	Prep	3050B			231671	11/05/16 10:26	PAB	TAL SEA
Total/NA	Analysis	6020A		10	231835	11/08/16 04:29	FCW	TAL SEA

Client Sample ID: MW-68-2.5

Date Collected: 10/24/16 11:25

Date Received: 10/26/16 13:30

Lab Sample ID: 580-63633-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D 2216		1	231069	10/29/16 12:10	JW1L	TAL SEA

Client Sample ID: MW-68-2.5

Date Collected: 10/24/16 11:25

Date Received: 10/26/16 13:30

Lab Sample ID: 580-63633-2

Matrix: Solid

Percent Solids: 79.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			231282	11/02/16 08:23	J1J	TAL SEA
Total/NA	Analysis	8260C		1	231331	11/02/16 17:01	JSM	TAL SEA
Total/NA	Prep	5035			230985	10/28/16 11:26	J1J	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	230991	10/28/16 19:25	JW1L	TAL SEA
Total/NA	Prep	3546			230943	10/28/16 08:52	CBS	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	231731	11/07/16 13:59	KZ1	TAL SEA
Total/NA	Prep	3050B			231671	11/05/16 10:26	PAB	TAL SEA
Total/NA	Analysis	6020A		10	231835	11/08/16 04:34	FCW	TAL SEA

TestAmerica Seattle

Lab Chronicle

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-63633-1

Client Sample ID: MW-69-2.5

Date Collected: 10/24/16 13:55

Date Received: 10/26/16 13:30

Lab Sample ID: 580-63633-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D 2216		1	231069	10/29/16 12:10	JW1L	TAL SEA

Client Sample ID: MW-69-2.5

Date Collected: 10/24/16 13:55

Date Received: 10/26/16 13:30

Lab Sample ID: 580-63633-3

Matrix: Solid

Percent Solids: 92.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			231282	11/02/16 08:23	J1J	TAL SEA
Total/NA	Analysis	8260C		1	231331	11/02/16 17:28	JSM	TAL SEA
Total/NA	Prep	5035			230985	10/28/16 11:26	J1J	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	230991	10/28/16 20:27	JW1L	TAL SEA
Total/NA	Prep	3546			230943	10/28/16 08:52	CBS	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	231731	11/07/16 14:22	KZ1	TAL SEA
Total/NA	Prep	3050B			231671	11/05/16 10:26	PAB	TAL SEA
Total/NA	Analysis	6020A		10	231835	11/08/16 04:39	FCW	TAL SEA

Client Sample ID: MW-70-2.5

Date Collected: 10/24/16 14:25

Date Received: 10/26/16 13:30

Lab Sample ID: 580-63633-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D 2216		1	231069	10/29/16 12:10	JW1L	TAL SEA

Client Sample ID: MW-70-2.5

Date Collected: 10/24/16 14:25

Date Received: 10/26/16 13:30

Lab Sample ID: 580-63633-4

Matrix: Solid

Percent Solids: 71.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			231282	11/02/16 08:23	J1J	TAL SEA
Total/NA	Analysis	8260C		1	231331	11/02/16 17:55	JSM	TAL SEA
Total/NA	Prep	5035			230985	10/28/16 11:26	J1J	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	230991	10/28/16 20:58	JW1L	TAL SEA
Total/NA	Prep	3546			230943	10/28/16 08:52	CBS	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	231731	11/07/16 15:28	KZ1	TAL SEA
Total/NA	Prep	3050B			231671	11/05/16 10:26	PAB	TAL SEA
Total/NA	Analysis	6020A		10	231835	11/08/16 04:43	FCW	TAL SEA

Client Sample ID: MW-71-2.5

Date Collected: 10/25/16 09:30

Date Received: 10/26/16 13:30

Lab Sample ID: 580-63633-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D 2216		1	231069	10/29/16 12:10	JW1L	TAL SEA

TestAmerica Seattle

Lab Chronicle

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-63633-1

Client Sample ID: MW-71-2.5

Date Collected: 10/25/16 09:30

Date Received: 10/26/16 13:30

Lab Sample ID: 580-63633-5

Matrix: Solid

Percent Solids: 75.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			231282	11/02/16 08:23	J1J	TAL SEA
Total/NA	Analysis	8260C		1	231331	11/02/16 18:22	JSM	TAL SEA
Total/NA	Prep	5035			230985	10/28/16 11:26	J1J	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	230991	10/28/16 21:30	JW1L	TAL SEA
Total/NA	Prep	3546			230943	10/28/16 08:52	CBS	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	231731	11/07/16 15:51	KZ1	TAL SEA
Total/NA	Prep	3050B			231671	11/05/16 10:26	PAB	TAL SEA
Total/NA	Analysis	6020A		10	231835	11/08/16 04:48	FCW	TAL SEA

Client Sample ID: Trip Blanks

Date Collected: 10/24/16 00:01

Date Received: 10/26/16 13:30

Lab Sample ID: 580-63633-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			231282	11/02/16 08:23	J1J	TAL SEA
Total/NA	Analysis	8260C		1	231331	11/02/16 13:26	JSM	TAL SEA
Total/NA	Prep	5035			230985	10/28/16 11:26	J1J	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	230991	10/28/16 16:19	JW1L	TAL SEA

Laboratory References:

TAL SEA = TestAmerica Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Certification Summary

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-63633-1

Laboratory: TestAmerica Seattle

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
Washington	State Program	10	C553	02-17-17

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
8260C	5035	Solid	Xylenes, Total
D 2216		Solid	Percent Moisture
D 2216		Solid	Percent Solids

Sample Summary

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-63633-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
580-63633-1	MW-67-3.0	Solid	10/24/16 10:30	10/26/16 13:30
580-63633-2	MW-68-2.5	Solid	10/24/16 11:25	10/26/16 13:30
580-63633-3	MW-69-2.5	Solid	10/24/16 13:55	10/26/16 13:30
580-63633-4	MW-70-2.5	Solid	10/24/16 14:25	10/26/16 13:30
580-63633-5	MW-71-2.5	Solid	10/25/16 09:30	10/26/16 13:30
580-63633-6	Trip Blanks	Solid	10/24/16 00:01	10/26/16 13:30



Laboratory Management Program LaMP Chain of Custody Record

Page 1 of 1

BP/ARC Project Name: Olympic Pipe Line Company
BP/ARC Facility No: Allen StationReq Due Date (mm/dd/yy): Standard Rush TAT: Yes ☐ No ☐
Lab Work Order Number: _____

Lab Name: <u>Test America</u>				BP/ARC Facility Address: <u>16292 Ovenell Road</u>				Consultant/Contractor: <u>Antea Group</u>										
Lab Address: <u>Tacoma, WA</u>				City, State, ZIP Code: <u>Mt. Vernon WA 98421</u>				Consultant/Contractor Project No: <u>WAALLAA262.10106</u>										
Lab PM: <u>Wendy Jonas</u>				Lead Regulatory Agency: <u>WA Department of Ecology</u>				Address: <u>4006 148th Avenue NE, Redmond, WA 98052</u>										
Lab Phone: <u>253.922.2310</u>				California Global ID No.: <u>NA</u>				Consultant/Contractor PM: <u>Megan Richard</u>										
Lab Shipping Acct: <u>NA</u>				Enfos Proposal No: <u>003HW-0002/W23092916</u>				Phone: <u>P: 425.498.7711 F: 425.869.1892</u>										
Lab Bottle Order No: <u>NA</u>				Accounting Mode: <u>Provision X OOC-BU OOC-RM</u>				Email EDD To: <u>Megan.Richard@anteagroup.com</u>										
Other Info:				Stage: <u>10: APPRAISE</u> Activity: <u>ASSESSMENT (106)</u>				Invoice To: <u>BP/ARC X Contractor</u>										
BP/ARC EBM: <u>PAUL SUPPLE</u>				Matrix		No. Containers / Preservative		Requested Analyses				Report Type & QC Level						
EBM Phone: <u>(925) 275.3801</u>												Standard <u>Y</u>						
EBM Email: <u>PAUL.SUPPLE@BP.COM</u>												Full Data Package <u> </u>						
Lab No.	Sample Description	Date	Time	Soil / Solid	Water / Liquid	Air / Vapor	Total Number of Containers	Unpreserved	H ₂ SO ₄	HNO ₃	HCl	Methanol	NaOH zn Acetate	8260BTEX	NWTPH-Gx	NWTPH-DX	TOTAL LAB 6022	Comments
	MW-67-3.0	10.24.16	1030	X			2	1				1		X	X	X	X	
	MW-68-2.5	10.24.16	1125	X			2	1				1		X	X	X	X	
	MW-69-2.5	10.24.16	1355	X			2	1				1		X	X	X	X	
	MW-70-2.5	10.24.16	1425	X			2	1				1		X	X	X	X	
	MW-71-2.5	10.25.16	0930	X			2	1				1		X	X	X	X	
	Tripblanks	10.24.16	0000	X			2	2						X	X			
																		
																		580-63633 Chain of Custody
																		TB #2 Cooler <u>Cor 0.7 Unc 0.9</u>
																		Cooler Dsc <u>Med Buckle at Lab 1600</u>
																		Wet/Packs Packing <u>Babbie</u>
																		v10
Sampler's Name: <u>KUNNY DAVIS / TAYLOR ROBERTS</u>				Relinquished By / Affiliation				Date	Time	Accepted By / Affiliation				Date	Time			
Sampler's Company: <u>Antea Group</u>				<u>ROBERT / ANTEA GROUP</u>				10.26.16	1335	<u>7.17 / T A-S-E-H</u>				10/26/16	1330			
Shipment Method: <u>Courier</u> Ship Date: <u>10.26.16</u>																		
Shipment Tracking No:																		
Special Instructions:																		
IS LINE - LAB USE ONLY: Custody Seals In Place: Yes / No Temp Blank: Yes / No Cooler Temp on Receipt: _____ °F/C Trip Blank: Yes / No MS/MSD Sample Submitted: Yes / No																		

Login Sample Receipt Checklist

Client: Antea USA, Inc.

Job Number: 580-63633-1

Login Number: 63633

List Source: TestAmerica Seattle

List Number: 1

Creator: Blankinship, Tom X

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

Appendix E

Groundwater Laboratory Analytical Reports

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Seattle

5755 8th Street East

Tacoma, WA 98424

Tel: (253)922-2310

TestAmerica Job ID: 580-61203-1

Client Project/Site: OPLC - Allen Station

Sampling Event: Allen Station Waters

For:

Antea USA, Inc.

4006 148th Ave NE

Redmond, Washington 98052

Attn: Megan Richard



Authorized for release by:

8/10/2016 2:12:47 PM

Christabel Escarez, Project Manager I

(253)922-2310

christabel.escarez@testamericainc.com

Designee for

Robert Greer, Project Manager II

(253)922-2310

robert.greer@testamericainc.com

LINKS

Review your project
results through

TotalAccess

Have a Question?



Visit us at:

www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the BPLAMP Technical Specifications, applicable federal, state, local regulations and certification requirements as well as the methodologies as described in laboratory SOPs reviewed by the BPLAMP. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain of Custody is included and is an integral part of this report.



Christabel Escarez
Project Manager I
8/10/2016 2:12:47 PM



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Case Narrative

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Job ID: 580-61203-1

Laboratory: TestAmerica Seattle

Narrative

Job Narrative 580-61203-1

Receipt

The samples were received on 7/21/2016 1:40 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 7 coolers at receipt time were 1.7° C, 2.2° C, 2.7° C, 3.5° C, 3.8° C, 4.6° C and 5.7° C.

GC/MS VOA

Method(s) 8260C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 580-223612 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 8260C: Due to the high concentration of m-Xylene & p-Xylene, o-Xylene, Ethylbenzene and Xylenes, Total, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 580-223612 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method(s) 8260C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 580-223619 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 8260C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 580-223625 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 8260C: Due to the high concentration of m-Xylene & p-Xylene, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 580-223625 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method(s) 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-2_20160720 (580-61203-3), MW-18_20160719 (580-61203-6), MW-19_20160719 (580-61203-7), MW-20_20160720 (580-61203-8), MW-21_20160720 (580-61203-11), MW-22_20160720 (580-61203-12), MW-25_20160719 (580-61203-15), MW-27_20160719 (580-61203-16), MW-28_20160719 (580-61203-17), MW-29_20160719 (580-61203-18), MW-31_20160719 (580-61203-19), MW-32_20160719 (580-61203-20), Dup-2_20160720 (580-61203-21), MW-35_20160719 (580-61203-23), MW-36_20160719 (580-61203-24), MW-42_20160720 (580-61203-30), MW-43_20160720 (580-61203-31), Dup-3_20160720 (580-61203-32), MW-44_20160720 (580-61203-34), MW-45_20160719 (580-61203-35), MW-52_20160720 (580-61203-41), MW-53_20160719 (580-61203-42), MW-56_20160720 (580-61203-47), MW-65_20160719 (580-61203-57), MW-66_20160719 (580-61203-58), MW-43_20160720 (580-61203-31[MS]) and MW-43_20160720 (580-61203-31[MSD]). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: Reanalysis of the following sample was performed outside of the analytical holding time due to the initial results being over the instrument calibration range; multiple dilutions were required: MW-22_20160720 (580-61203-12).

Method(s) NWTPH-Gx: Surrogate recovery for the following samples was outside control limits: MW-2_20160720 (580-61203-3), MW-19_20160719 (580-61203-7), MW-21_20160720 (580-61203-11), MW-22_20160720 (580-61203-12), MW-23_20160720 (580-61203-13[MS]), MW-24_20160719 (580-61203-14), MW-25_20160719 (580-61203-15), MW-27_20160719 (580-61203-16), MW-28_20160719 (580-61203-17), MW-29_20160719 (580-61203-18), MW-32_20160719 (580-61203-20), MW-59_20160720 (580-61203-50), MW-64_20160720 (580-61203-55), and MW-66_20160719 (580-61203-58). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) NWTPH-Gx: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-18_20160719 (580-61203-6), MW-31_20160719 (580-61203-19), Dup-2_20160720 (580-61203-21), MW-35_20160719 (580-61203-23), MW-36_20160719 (580-61203-24), MW-42_20160720 (580-61203-30), MW-43_20160720 (580-61203-31), MW-43_20160720 (580-61203-31[MS]), MW-43_20160720 (580-61203-31[MSD]), Dup-3_20160720 (580-61203-32), MW-44_20160720 (580-61203-34), MW-45_20160719 (580-61203-35), MW-52_20160720 (580-61203-41) and MW-65_20160719 (580-61203-57). Elevated reporting limits (RLs) are provided.

Case Narrative

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Job ID: 580-61203-1 (Continued)

Laboratory: TestAmerica Seattle (Continued)

Method(s) NWTPH-Gx: Analytical batch 580-223227 was run with only the secondary source standard for the CCV, LCS and LCSD. A new primary gas standard was made and failed low. The following samples are impacted: (CCV 580-223227/12), (CCV 580-223227/21), (CCV 580-223227/30) and (CCVRT 580-223227/4).

Method(s) NWTPH-Gx: Analytical batch 580-223492 was run with only the secondary source standard for the CCV, LCS and LCSD. A new primary gas standard was made and failed low. The following samples are impacted: (CCV 580-223492/15), (CCV 580-223492/22), (CCV 580-223492/29), (CCV 580-223492/33) and (CCVRT 580-223492/4).

Method(s) NWTPH-Gx: Analytical batch 580-223678 was run with only the secondary source standard for the CCV, LCS and LCSD. A new primary gas standard was made and failed low. The following samples are impacted: (CCV 580-223678/14) and (CCVRT 580-223678/5).

Method(s) NWTPH-Gx: Analytical batch 580-223748 was run with only the secondary source standard for the CCV, LCS and LCSD. A new primary gas standard was made and failed low. The following samples are impacted: (CCV 580-223748/15), (CCV 580-223748/26) and (CCVRT 580-223748/4).

Method(s) NWTPH-Gx: Surrogate (Trifluorotoluene) recovery for CCV 580-223748/26 exceeded the maximum acceptance criteria (23.7%D, maximum %D is 20% for QC). All other samples and QC met acceptance criteria, therefore the data has been reported.

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

GC Semi VOA

Method(s) NWTPH-Dx: The matrix spike / matrix spike duplicate (MS/MSD) precision and recoveries for 2 Diesel (C10-C24) for Motor Oil (C24-C36) for preparation batches 580-223434 and 580-223504 and analytical batch 580-223577 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample and laboratory control sample duplicate (LCS/LCSD) precision and recovery were within acceptance limits.

Method(s) NWTPH-Dx: For preparation batch 580-223517 and analytical batch 580-223986, the laboratory control sample duplicate (LCSD) recovered outside acceptance criteria for #2 Diesel (C10-C24). The laboratory control sample (LCS) and the %RPD recovered within control limits; therefore, reanalysis and/or re-extraction were not performed and the data have been reported. The LCS/LCSD %RPD for Motor Oil (C24-C36) recovered outside control limits.

Method(s) NWTPH-Dx: The matrix spike (MS) recovery for #2 Diesel (C10-C24) in preparation batch 580-223517 and analytical batch 580-223712 was outside control limits. Sample matrix interference is suspected.

Method(s) NWTPH-Dx: The following samples contained a hydrocarbon pattern in the diesel range; however, the elution pattern was earlier than the typical diesel fuel pattern used by the laboratory for quantitative purposes: MW-18_20160719 (580-61203-6), MW-19_20160719 (580-61203-7), MW-20_20160720 (580-61203-8), Dup-1_20160720 (580-61203-9), MW-24_20160719 (580-61203-14), MW-25_20160719 (580-61203-15), MW-27_20160719 (580-61203-16), MW-28_20160719 (580-61203-17), MW-29_20160719 (580-61203-18), MW-31_20160719 (580-61203-19), MW-32_20160719 (580-61203-20), Dup-2_20160720 (580-61203-21), MW-35_20160719 (580-61203-23), MW-36_20160719 (580-61203-24), MW-38_20160719 (580-61203-26), MW-41_20160720 (580-61203-29), MW-42_20160720 (580-61203-30), MW-43_20160720 (580-61203-31), Dup-3_20160720 (580-61203-32), MW-44_20160720 (580-61203-34), MW-45_20160719 (580-61203-35), MW-52_20160720 (580-61203-41), MW-53_20160719 (580-61203-42) and MW-56_20160720 (580-61203-47), MW-65_20160719 (580-61203-57) and MW-66_20160719 (580-61203-58).

Method(s) NWTPH-Dx: The following samples contained a hydrocarbon pattern in the diesel range; however, the elution pattern was later than the typical diesel fuel pattern used by the laboratory for quantitative purposes: C_20160720 (580-61203-1), MW-1_20160720 (580-61203-2), MW-2_20160720 (580-61203-3) and MW-12_20160720 (580-61203-4).

Method(s) NWTPH-Dx: Surrogate o-Terphenyl recovery for the following sample was outside control limits: MW-58_20160720 (580-61203-49). Evidence of matrix interference is present; therefore, re-extraction or re-analysis was not performed.

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

Case Narrative

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Job ID: 580-61203-1 (Continued)

Laboratory: TestAmerica Seattle (Continued)

Organic Prep

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

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Definitions/Glossary

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
F1	MS and/or MSD Recovery is outside acceptance limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
E	Result exceeded calibration range.

GC VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance limits.
F2	MS/MSD RPD exceeds control limits
*	LCS or LCSD is outside acceptance limits.
*	RPD of the LCS and LCSD exceeds the control limits
X	Surrogate is outside control limits

Glossary

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

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: C_20160720

Date Collected: 07/20/16 14:45

Date Received: 07/21/16 13:40

Lab Sample ID: 580-61203-1

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			07/31/16 19:03	1
Toluene	ND		2.0		ug/L			07/31/16 19:03	1
Ethylbenzene	ND		3.0		ug/L			07/31/16 19:03	1
Xylenes, Total	ND		3.0		ug/L			07/31/16 19:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	98		80 - 141		07/31/16 19:03	1
Toluene-d8 (Surr)	86		82 - 122		07/31/16 19:03	1
1,2-Dichloroethane-d4 (Surr)	93		65 - 143		07/31/16 19:03	1
4-Bromofluorobenzene (Surr)	106		75 - 125		07/31/16 19:03	1
Dibromofluoromethane (Surr)	93		77 - 118		07/31/16 19:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			07/28/16 04:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		50 - 150		07/28/16 04:47	1
Trifluorotoluene (Surr)	100		50 - 150		07/28/16 04:47	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	1800		110		ug/L		07/27/16 09:51	07/27/16 22:47	1
Motor Oil (>C24-C36)	340		250		ug/L		07/27/16 09:51	07/27/16 22:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	90		50 - 150	07/27/16 09:51	07/27/16 22:47	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-1_20160720

Date Collected: 07/20/16 11:40

Date Received: 07/21/16 13:40

Lab Sample ID: 580-61203-2

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			07/31/16 19:30	1
Toluene	ND		2.0		ug/L			07/31/16 19:30	1
Ethylbenzene	ND		3.0		ug/L			07/31/16 19:30	1
Xylenes, Total	ND		3.0		ug/L			07/31/16 19:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	96		80 - 141		07/31/16 19:30	1
Toluene-d8 (Surr)	83		82 - 122		07/31/16 19:30	1
1,2-Dichloroethane-d4 (Surr)	98		65 - 143		07/31/16 19:30	1
4-Bromofluorobenzene (Surr)	99		75 - 125		07/31/16 19:30	1
Dibromofluoromethane (Surr)	96		77 - 118		07/31/16 19:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			07/27/16 08:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		50 - 150		07/27/16 08:52	1
Trifluorotoluene (Surr)	106		50 - 150		07/27/16 08:52	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	470		110		ug/L		07/27/16 09:51	07/27/16 23:10	1
Motor Oil (>C24-C36)	ND		250		ug/L		07/27/16 09:51	07/27/16 23:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	86		50 - 150	07/27/16 09:51	07/27/16 23:10	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-2_20160720

Lab Sample ID: 580-61203-3

Date Collected: 07/20/16 11:20

Matrix: Water

Date Received: 07/21/16 13:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		2.0		ug/L			07/28/16 16:28	1
Ethylbenzene	20		3.0		ug/L			07/28/16 16:28	1
Xylenes, Total	3.2		3.0		ug/L			07/28/16 16:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	92		80 - 141					07/28/16 16:28	1
Toluene-d8 (Surr)	90		82 - 122					07/28/16 16:28	1
1,2-Dichloroethane-d4 (Surr)	97		65 - 143					07/28/16 16:28	1
4-Bromofluorobenzene (Surr)	99		75 - 125					07/28/16 16:28	1
Dibromofluoromethane (Surr)	98		77 - 118					07/28/16 16:28	1

Method: 8260C - Volatile Organic Compounds by GC/MS - RADL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	210		100		ug/L			08/01/16 20:24	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	99		80 - 141					08/01/16 20:24	50
Toluene-d8 (Surr)	83		82 - 122					08/01/16 20:24	50
1,2-Dichloroethane-d4 (Surr)	93		65 - 143					08/01/16 20:24	50
4-Bromofluorobenzene (Surr)	98		75 - 125					08/01/16 20:24	50
Dibromofluoromethane (Surr)	96		77 - 118					08/01/16 20:24	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	880		50		ug/L			07/27/16 09:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	198	X	50 - 150					07/27/16 09:24	1
Trifluorotoluene (Surr)	107		50 - 150					07/27/16 09:24	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	1300		110		ug/L		07/27/16 09:51	07/27/16 23:33	1
Motor Oil (>C24-C36)	ND		250		ug/L		07/27/16 09:51	07/27/16 23:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	82		50 - 150				07/27/16 09:51	07/27/16 23:33	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-12_20160720

Date Collected: 07/20/16 14:20

Date Received: 07/21/16 13:40

Lab Sample ID: 580-61203-4

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			07/31/16 19:56	1
Toluene	ND		2.0		ug/L			07/31/16 19:56	1
Ethylbenzene	ND		3.0		ug/L			07/31/16 19:56	1
Xylenes, Total	ND		3.0		ug/L			07/31/16 19:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	99		80 - 141		07/31/16 19:56	1
Toluene-d8 (Surr)	84		82 - 122		07/31/16 19:56	1
1,2-Dichloroethane-d4 (Surr)	95		65 - 143		07/31/16 19:56	1
4-Bromofluorobenzene (Surr)	103		75 - 125		07/31/16 19:56	1
Dibromofluoromethane (Surr)	99		77 - 118		07/31/16 19:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			07/27/16 09:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		50 - 150		07/27/16 09:56	1
Trifluorotoluene (Surr)	104		50 - 150		07/27/16 09:56	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	440		110		ug/L		07/27/16 09:51	07/27/16 23:56	1
Motor Oil (>C24-C36)	ND		250		ug/L		07/27/16 09:51	07/27/16 23:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	87		50 - 150	07/27/16 09:51	07/27/16 23:56	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-14_20160720

Date Collected: 07/20/16 13:55

Date Received: 07/21/16 13:40

Lab Sample ID: 580-61203-5

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	4.7		2.0		ug/L			07/31/16 20:23	1
Toluene	ND		2.0		ug/L			07/31/16 20:23	1
Ethylbenzene	4.5		3.0		ug/L			07/31/16 20:23	1
Xylenes, Total	ND		3.0		ug/L			07/31/16 20:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	97		80 - 141		07/31/16 20:23	1
Toluene-d8 (Surr)	84		82 - 122		07/31/16 20:23	1
1,2-Dichloroethane-d4 (Surr)	97		65 - 143		07/31/16 20:23	1
4-Bromofluorobenzene (Surr)	102		75 - 125		07/31/16 20:23	1
Dibromofluoromethane (Surr)	95		77 - 118		07/31/16 20:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	350		50		ug/L			07/27/16 10:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		50 - 150		07/27/16 10:29	1
Trifluorotoluene (Surr)	106		50 - 150		07/27/16 10:29	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	900		110		ug/L		07/27/16 09:51	07/28/16 00:19	1
Motor Oil (>C24-C36)	ND		250		ug/L		07/27/16 09:51	07/28/16 00:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	86		50 - 150	07/27/16 09:51	07/28/16 00:19	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-18_20160719

Lab Sample ID: 580-61203-6

Date Collected: 07/19/16 14:35

Matrix: Water

Date Received: 07/21/16 13:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	420		200		ug/L			07/29/16 02:26	100
Toluene	ND		200		ug/L			07/29/16 02:26	100
Ethylbenzene	1300		300		ug/L			07/29/16 02:26	100
Xylenes, Total	2600		300		ug/L			07/29/16 02:26	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	100		80 - 141		07/29/16 02:26	100
Toluene-d8 (Surr)	94		82 - 122		07/29/16 02:26	100
1,2-Dichloroethane-d4 (Surr)	100		65 - 143		07/29/16 02:26	100
4-Bromofluorobenzene (Surr)	97		75 - 125		07/29/16 02:26	100
Dibromofluoromethane (Surr)	97		77 - 118		07/29/16 02:26	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	26000		1300		ug/L			07/29/16 05:38	25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		50 - 150		07/29/16 05:38	25
Trifluorotoluene (Surr)	105		50 - 150		07/29/16 05:38	25

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	3100		110		ug/L		07/27/16 09:51	07/28/16 00:42	1
Motor Oil (>C24-C36)	ND		250		ug/L		07/27/16 09:51	07/28/16 00:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	87		50 - 150	07/27/16 09:51	07/28/16 00:42	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-19_20160719

Lab Sample ID: 580-61203-7

Date Collected: 07/19/16 09:15

Matrix: Water

Date Received: 07/21/16 13:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	9.3		2.0		ug/L			07/27/16 15:31	1
Xylenes, Total	78		3.0		ug/L			07/27/16 15:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	105		80 - 141					07/27/16 15:31	1
Toluene-d8 (Surr)	97		82 - 122					07/27/16 15:31	1
1,2-Dichloroethane-d4 (Surr)	101		65 - 143					07/27/16 15:31	1
4-Bromofluorobenzene (Surr)	104		75 - 125					07/27/16 15:31	1
Dibromofluoromethane (Surr)	98		77 - 118					07/27/16 15:31	1

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	680		200		ug/L			07/29/16 02:55	100
Ethylbenzene	1200		300		ug/L			07/29/16 02:55	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	100		80 - 141					07/29/16 02:55	100
Toluene-d8 (Surr)	92		82 - 122					07/29/16 02:55	100
1,2-Dichloroethane-d4 (Surr)	101		65 - 143					07/29/16 02:55	100
4-Bromofluorobenzene (Surr)	95		75 - 125					07/29/16 02:55	100
Dibromofluoromethane (Surr)	100		77 - 118					07/29/16 02:55	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	9700		50		ug/L			07/27/16 12:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	261	X	50 - 150					07/27/16 12:05	1
Trifluorotoluene (Surr)	145		50 - 150					07/27/16 12:05	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	3300		110		ug/L		07/27/16 09:51	07/28/16 01:28	1
Motor Oil (>C24-C36)	ND		250		ug/L		07/27/16 09:51	07/28/16 01:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	86		50 - 150				07/27/16 09:51	07/28/16 01:28	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-20_20160720

Lab Sample ID: 580-61203-8

Date Collected: 07/20/16 10:00

Matrix: Water

Date Received: 07/21/16 13:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	34		20		ug/L			07/28/16 20:53	10
Toluene	ND		20		ug/L			07/28/16 20:53	10
Ethylbenzene	ND		30		ug/L			07/28/16 20:53	10
Xylenes, Total	ND		30		ug/L			07/28/16 20:53	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	92		80 - 141		07/28/16 20:53	10
Toluene-d8 (Surr)	93		82 - 122		07/28/16 20:53	10
1,2-Dichloroethane-d4 (Surr)	87		65 - 143		07/28/16 20:53	10
4-Bromofluorobenzene (Surr)	97		75 - 125		07/28/16 20:53	10
Dibromofluoromethane (Surr)	93		77 - 118		07/28/16 20:53	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	190		50		ug/L			07/29/16 04:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		50 - 150		07/29/16 04:33	1
Trifluorotoluene (Surr)	104		50 - 150		07/29/16 04:33	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	270		110		ug/L		07/27/16 09:51	07/28/16 01:51	1
Motor Oil (>C24-C36)	ND		250		ug/L		07/27/16 09:51	07/28/16 01:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	96		50 - 150	07/27/16 09:51	07/28/16 01:51	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: Dup-1_20160720

Date Collected: 07/20/16 06:00

Date Received: 07/21/16 13:40

Lab Sample ID: 580-61203-9

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	23		2.0		ug/L			07/28/16 06:26	1
Toluene	ND		2.0		ug/L			07/28/16 06:26	1
Ethylbenzene	ND		3.0		ug/L			07/28/16 06:26	1
Xylenes, Total	ND		3.0		ug/L			07/28/16 06:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	98		80 - 141		07/28/16 06:26	1
Toluene-d8 (Surr)	97		82 - 122		07/28/16 06:26	1
1,2-Dichloroethane-d4 (Surr)	88		65 - 143		07/28/16 06:26	1
4-Bromofluorobenzene (Surr)	97		75 - 125		07/28/16 06:26	1
Dibromofluoromethane (Surr)	94		77 - 118		07/28/16 06:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	270		50		ug/L			07/27/16 13:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		50 - 150		07/27/16 13:10	1
Trifluorotoluene (Surr)	101		50 - 150		07/27/16 13:10	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	140		110		ug/L		07/27/16 09:51	07/28/16 02:14	1
Motor Oil (>C24-C36)	ND		250		ug/L		07/27/16 09:51	07/28/16 02:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	84		50 - 150	07/27/16 09:51	07/28/16 02:14	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: Trip Blank-1_

Lab Sample ID: 580-61203-10

Date Collected: 07/20/16 00:01

Matrix: Water

Date Received: 07/21/16 13:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			07/28/16 12:30	1
Toluene	ND		2.0		ug/L			07/28/16 12:30	1
Ethylbenzene	ND		3.0		ug/L			07/28/16 12:30	1
Xylenes, Total	ND		3.0		ug/L			07/28/16 12:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 141		07/28/16 12:30	1
Toluene-d8 (Surr)	94		82 - 122		07/28/16 12:30	1
1,2-Dichloroethane-d4 (Surr)	94		65 - 143		07/28/16 12:30	1
4-Bromofluorobenzene (Surr)	92		75 - 125		07/28/16 12:30	1
Dibromofluoromethane (Surr)	99		77 - 118		07/28/16 12:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			07/28/16 02:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		50 - 150		07/28/16 02:39	1
Trifluorotoluene (Surr)	111		50 - 150		07/28/16 02:39	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-21_20160720

Lab Sample ID: 580-61203-11

Date Collected: 07/20/16 10:50

Matrix: Water

Date Received: 07/21/16 13:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	40		2.0		ug/L			07/28/16 16:55	1
Toluene	2.7		2.0		ug/L			07/28/16 16:55	1
Xylenes, Total	46		3.0		ug/L			07/28/16 16:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	96		80 - 141					07/28/16 16:55	1
Toluene-d8 (Surr)	87		82 - 122					07/28/16 16:55	1
1,2-Dichloroethane-d4 (Surr)	95		65 - 143					07/28/16 16:55	1
4-Bromofluorobenzene (Surr)	99		75 - 125					07/28/16 16:55	1
Dibromofluoromethane (Surr)	99		77 - 118					07/28/16 16:55	1

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	390		300		ug/L			07/31/16 23:47	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	93		80 - 141					07/31/16 23:47	100
Toluene-d8 (Surr)	112		82 - 122					07/31/16 23:47	100
1,2-Dichloroethane-d4 (Surr)	80		65 - 143					07/31/16 23:47	100
4-Bromofluorobenzene (Surr)	80		75 - 125					07/31/16 23:47	100
Dibromofluoromethane (Surr)	88		77 - 118					07/31/16 23:47	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	9500		50		ug/L			07/27/16 13:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	325	X	50 - 150					07/27/16 13:42	1
Trifluorotoluene (Surr)	115		50 - 150					07/27/16 13:42	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	4700		110		ug/L		07/28/16 14:12	08/02/16 02:45	1
Motor Oil (>C24-C36)	280		260		ug/L		07/28/16 14:12	08/02/16 02:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	68		50 - 150				07/28/16 14:12	08/02/16 02:45	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-22_20160720

Lab Sample ID: 580-61203-12

Date Collected: 07/20/16 14:30

Matrix: Water

Date Received: 07/21/16 13:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	H	2.0		ug/L			08/05/16 22:16	1
Toluene	ND	H	2.0		ug/L			08/05/16 22:16	1
Ethylbenzene	5.9	H	3.0		ug/L			08/05/16 22:16	1
Xylenes, Total	6.7	H	3.0		ug/L			08/05/16 22:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	104		80 - 141		08/05/16 22:16	1
Toluene-d8 (Surr)	83		82 - 122		08/05/16 22:16	1
1,2-Dichloroethane-d4 (Surr)	97		65 - 143		08/05/16 22:16	1
4-Bromofluorobenzene (Surr)	103		75 - 125		08/05/16 22:16	1
Dibromofluoromethane (Surr)	111		77 - 118		08/05/16 22:16	1

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		200		ug/L			07/31/16 18:10	100
Toluene	ND		200		ug/L			07/31/16 18:10	100
Ethylbenzene	ND		300		ug/L			07/31/16 18:10	100
Xylenes, Total	ND		300		ug/L			07/31/16 18:10	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	95		80 - 141		07/31/16 18:10	100
Toluene-d8 (Surr)	84		82 - 122		07/31/16 18:10	100
1,2-Dichloroethane-d4 (Surr)	93		65 - 143		07/31/16 18:10	100
4-Bromofluorobenzene (Surr)	103		75 - 125		07/31/16 18:10	100
Dibromofluoromethane (Surr)	92		77 - 118		07/31/16 18:10	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	2800		50		ug/L			07/27/16 14:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	168	X	50 - 150		07/27/16 14:14	1
Trifluorotoluene (Surr)	101		50 - 150		07/27/16 14:14	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	2100		110		ug/L		07/28/16 14:12	08/02/16 03:08	1
Motor Oil (>C24-C36)	ND		250		ug/L		07/28/16 14:12	08/02/16 03:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	73		50 - 150	07/28/16 14:12	08/02/16 03:08	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-23_20160720

Lab Sample ID: 580-61203-13

Date Collected: 07/20/16 15:15

Matrix: Water

Date Received: 07/21/16 13:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	F1	2.0		ug/L			07/31/16 23:02	1
Toluene	ND		2.0		ug/L			07/31/16 23:02	1
Ethylbenzene	ND		3.0		ug/L			07/31/16 23:02	1
Xylenes, Total	5.0		3.0		ug/L			07/31/16 23:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	95		80 - 141		07/31/16 23:02	1
Toluene-d8 (Surr)	89		82 - 122		07/31/16 23:02	1
1,2-Dichloroethane-d4 (Surr)	87		65 - 143		07/31/16 23:02	1
4-Bromofluorobenzene (Surr)	100		75 - 125		07/31/16 23:02	1
Dibromofluoromethane (Surr)	99		77 - 118		07/31/16 23:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	1400		50		ug/L			07/27/16 19:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	146		50 - 150		07/27/16 19:06	1
Trifluorotoluene (Surr)	98		50 - 150		07/27/16 19:06	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	2800	F1 F2	110		ug/L		07/28/16 14:12	08/02/16 03:30	1
Motor Oil (>C24-C36)	330	F1 F2	250		ug/L		07/28/16 14:12	08/02/16 03:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	72		50 - 150	07/28/16 14:12	08/02/16 03:30	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-24_20160719

Lab Sample ID: 580-61203-14

Date Collected: 07/19/16 11:10

Matrix: Water

Date Received: 07/21/16 13:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	17		2.0		ug/L			07/29/16 01:57	1
Toluene	2.1		2.0		ug/L			07/29/16 01:57	1
Ethylbenzene	53		3.0		ug/L			07/29/16 01:57	1
Xylenes, Total	58		3.0		ug/L			07/29/16 01:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	99		80 - 141		07/29/16 01:57	1
Toluene-d8 (Surr)	91		82 - 122		07/29/16 01:57	1
1,2-Dichloroethane-d4 (Surr)	97		65 - 143		07/29/16 01:57	1
4-Bromofluorobenzene (Surr)	98		75 - 125		07/29/16 01:57	1
Dibromofluoromethane (Surr)	99		77 - 118		07/29/16 01:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	2300		50		ug/L			07/27/16 14:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	156	X	50 - 150		07/27/16 14:47	1
Trifluorotoluene (Surr)	99		50 - 150		07/27/16 14:47	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	770		110		ug/L		07/28/16 14:12	08/02/16 04:37	1
Motor Oil (>C24-C36)	ND		250		ug/L		07/28/16 14:12	08/02/16 04:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	84		50 - 150	07/28/16 14:12	08/02/16 04:37	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-25_20160719

Lab Sample ID: 580-61203-15

Date Collected: 07/19/16 15:00

Matrix: Water

Date Received: 07/21/16 13:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	8.8		2.0		ug/L			07/28/16 04:58	1
Xylenes, Total	32		3.0		ug/L			07/28/16 04:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	100		80 - 141					07/28/16 04:58	1
Toluene-d8 (Surr)	99		82 - 122					07/28/16 04:58	1
1,2-Dichloroethane-d4 (Surr)	88		65 - 143					07/28/16 04:58	1
4-Bromofluorobenzene (Surr)	96		75 - 125					07/28/16 04:58	1
Dibromofluoromethane (Surr)	91		77 - 118					07/28/16 04:58	1

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	210		200		ug/L			07/29/16 04:20	100
Ethylbenzene	660		300		ug/L			07/29/16 04:20	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	103		80 - 141					07/29/16 04:20	100
Toluene-d8 (Surr)	93		82 - 122					07/29/16 04:20	100
1,2-Dichloroethane-d4 (Surr)	101		65 - 143					07/29/16 04:20	100
4-Bromofluorobenzene (Surr)	93		75 - 125					07/29/16 04:20	100
Dibromofluoromethane (Surr)	101		77 - 118					07/29/16 04:20	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	8300		50		ug/L			07/27/16 15:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	361	X	50 - 150					07/27/16 15:19	1
Trifluorotoluene (Surr)	110		50 - 150					07/27/16 15:19	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	2500		110		ug/L		07/28/16 14:12	08/02/16 05:00	1
Motor Oil (>C24-C36)	ND		250		ug/L		07/28/16 14:12	08/02/16 05:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	77		50 - 150				07/28/16 14:12	08/02/16 05:00	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-27_20160719

Lab Sample ID: 580-61203-16

Date Collected: 07/19/16 11:20

Matrix: Water

Date Received: 07/21/16 13:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	5.7		2.0		ug/L			07/27/16 18:53	1
Toluene	2.6		2.0		ug/L			07/27/16 18:53	1
Xylenes, Total	45		3.0		ug/L			07/27/16 18:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	102		80 - 141					07/27/16 18:53	1
Toluene-d8 (Surr)	95		82 - 122					07/27/16 18:53	1
1,2-Dichloroethane-d4 (Surr)	86		65 - 143					07/27/16 18:53	1
4-Bromofluorobenzene (Surr)	100		75 - 125					07/27/16 18:53	1
Dibromofluoromethane (Surr)	93		77 - 118					07/27/16 18:53	1

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	120		30		ug/L			07/28/16 20:40	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	98		80 - 141					07/28/16 20:40	10
Toluene-d8 (Surr)	93		82 - 122					07/28/16 20:40	10
1,2-Dichloroethane-d4 (Surr)	99		65 - 143					07/28/16 20:40	10
4-Bromofluorobenzene (Surr)	97		75 - 125					07/28/16 20:40	10
Dibromofluoromethane (Surr)	98		77 - 118					07/28/16 20:40	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	6500		50		ug/L			07/27/16 16:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	283	X	50 - 150					07/27/16 16:24	1
Trifluorotoluene (Surr)	103		50 - 150					07/27/16 16:24	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	2100		110		ug/L		07/28/16 14:12	08/02/16 05:44	1
Motor Oil (>C24-C36)	ND		250		ug/L		07/28/16 14:12	08/02/16 05:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	72		50 - 150				07/28/16 14:12	08/02/16 05:44	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-28_20160719

Lab Sample ID: 580-61203-17

Date Collected: 07/19/16 11:40

Matrix: Water

Date Received: 07/21/16 13:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	56		2.0		ug/L			07/27/16 19:21	1
Xylenes, Total	110		3.0		ug/L			07/27/16 19:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	98		80 - 141					07/27/16 19:21	1
Toluene-d8 (Surr)	95		82 - 122					07/27/16 19:21	1
1,2-Dichloroethane-d4 (Surr)	83		65 - 143					07/27/16 19:21	1
4-Bromofluorobenzene (Surr)	99		75 - 125					07/27/16 19:21	1
Dibromofluoromethane (Surr)	90		77 - 118					07/27/16 19:21	1

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	860		20		ug/L			07/28/16 21:08	10
Ethylbenzene	340		30		ug/L			07/28/16 21:08	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	97		80 - 141					07/28/16 21:08	10
Toluene-d8 (Surr)	95		82 - 122					07/28/16 21:08	10
1,2-Dichloroethane-d4 (Surr)	96		65 - 143					07/28/16 21:08	10
4-Bromofluorobenzene (Surr)	100		75 - 125					07/28/16 21:08	10
Dibromofluoromethane (Surr)	96		77 - 118					07/28/16 21:08	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	6800		50		ug/L			07/27/16 16:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	392	X	50 - 150					07/27/16 16:56	1
Trifluorotoluene (Surr)	110		50 - 150					07/27/16 16:56	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	2300		110		ug/L		07/28/16 14:12	08/02/16 06:07	1
Motor Oil (>C24-C36)	ND		250		ug/L		07/28/16 14:12	08/02/16 06:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	88		50 - 150				07/28/16 14:12	08/02/16 06:07	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-29_20160719

Lab Sample ID: 580-61203-18

Date Collected: 07/19/16 10:10

Matrix: Water

Date Received: 07/21/16 13:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	28		2.0		ug/L			07/27/16 17:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	103		80 - 141					07/27/16 17:26	1
Toluene-d8 (Surr)	97		82 - 122					07/27/16 17:26	1
1,2-Dichloroethane-d4 (Surr)	93		65 - 143					07/27/16 17:26	1
4-Bromofluorobenzene (Surr)	104		75 - 125					07/27/16 17:26	1
Dibromofluoromethane (Surr)	94		77 - 118					07/27/16 17:26	1

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	200		100		ug/L			07/28/16 19:42	50
Ethylbenzene	510		150		ug/L			07/28/16 19:42	50
Xylenes, Total	2300		150		ug/L			07/28/16 19:42	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 141					07/28/16 19:42	50
Toluene-d8 (Surr)	95		82 - 122					07/28/16 19:42	50
1,2-Dichloroethane-d4 (Surr)	102		65 - 143					07/28/16 19:42	50
4-Bromofluorobenzene (Surr)	97		75 - 125					07/28/16 19:42	50
Dibromofluoromethane (Surr)	101		77 - 118					07/28/16 19:42	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	14000		50		ug/L			07/27/16 17:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	152	X	50 - 150					07/27/16 17:29	1
Trifluorotoluene (Surr)	103		50 - 150					07/27/16 17:29	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	2300		110		ug/L		07/28/16 14:12	08/02/16 06:29	1
Motor Oil (>C24-C36)	ND		250		ug/L		07/28/16 14:12	08/02/16 06:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	87		50 - 150				07/28/16 14:12	08/02/16 06:29	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-31_20160719

Lab Sample ID: 580-61203-19

Date Collected: 07/19/16 10:10

Matrix: Water

Date Received: 07/21/16 13:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2300		200		ug/L			07/29/16 03:23	100
Toluene	570		200		ug/L			07/29/16 03:23	100
Ethylbenzene	3000		300		ug/L			07/29/16 03:23	100
Xylenes, Total	16000		300		ug/L			07/29/16 03:23	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	102		80 - 141		07/29/16 03:23	100
Toluene-d8 (Surr)	98		82 - 122		07/29/16 03:23	100
1,2-Dichloroethane-d4 (Surr)	98		65 - 143		07/29/16 03:23	100
4-Bromofluorobenzene (Surr)	97		75 - 125		07/29/16 03:23	100
Dibromofluoromethane (Surr)	97		77 - 118		07/29/16 03:23	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	56000		2500		ug/L			07/29/16 06:10	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		50 - 150		07/29/16 06:10	50
Trifluorotoluene (Surr)	106		50 - 150		07/29/16 06:10	50

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	2600		110		ug/L		07/28/16 14:12	08/02/16 06:51	1
Motor Oil (>C24-C36)	320		250		ug/L		07/28/16 14:12	08/02/16 06:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	60		50 - 150	07/28/16 14:12	08/02/16 06:51	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-32_20160719

Lab Sample ID: 580-61203-20

Date Collected: 07/19/16 14:45

Matrix: Water

Date Received: 07/21/16 13:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	25		2.0		ug/L			07/28/16 04:29	1
Toluene	5.6		2.0		ug/L			07/28/16 04:29	1
Xylenes, Total	36		3.0		ug/L			07/28/16 04:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	99		80 - 141		07/28/16 04:29	1
Toluene-d8 (Surr)	94		82 - 122		07/28/16 04:29	1
1,2-Dichloroethane-d4 (Surr)	91		65 - 143		07/28/16 04:29	1
4-Bromofluorobenzene (Surr)	101		75 - 125		07/28/16 04:29	1
Dibromofluoromethane (Surr)	95		77 - 118		07/28/16 04:29	1

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	1100		300		ug/L			07/29/16 03:52	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	103		80 - 141		07/29/16 03:52	100
Toluene-d8 (Surr)	92		82 - 122		07/29/16 03:52	100
1,2-Dichloroethane-d4 (Surr)	101		65 - 143		07/29/16 03:52	100
4-Bromofluorobenzene (Surr)	96		75 - 125		07/29/16 03:52	100
Dibromofluoromethane (Surr)	99		77 - 118		07/29/16 03:52	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	14000		50		ug/L			07/27/16 18:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	520	X	50 - 150		07/27/16 18:34	1
Trifluorotoluene (Surr)	115		50 - 150		07/27/16 18:34	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	3300		110		ug/L		07/28/16 14:12	08/02/16 07:14	1
Motor Oil (>C24-C36)	ND		250		ug/L		07/28/16 14:12	08/02/16 07:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	78		50 - 150	07/28/16 14:12	08/02/16 07:14	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: Dup-2_20160720

Lab Sample ID: 580-61203-21

Date Collected: 07/20/16 06:30

Matrix: Water

Date Received: 07/21/16 13:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	22		2.0		ug/L			07/28/16 06:54	1
Toluene	20		2.0		ug/L			07/28/16 06:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	100		80 - 141		07/28/16 06:54	1
Toluene-d8 (Surr)	97		82 - 122		07/28/16 06:54	1
1,2-Dichloroethane-d4 (Surr)	87		65 - 143		07/28/16 06:54	1
4-Bromofluorobenzene (Surr)	102		75 - 125		07/28/16 06:54	1
Dibromofluoromethane (Surr)	92		77 - 118		07/28/16 06:54	1

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	650		300		ug/L			07/29/16 06:45	100
Xylenes, Total	3400		300		ug/L			07/29/16 06:45	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 141		07/29/16 06:45	100
Toluene-d8 (Surr)	93		82 - 122		07/29/16 06:45	100
1,2-Dichloroethane-d4 (Surr)	102		65 - 143		07/29/16 06:45	100
4-Bromofluorobenzene (Surr)	96		75 - 125		07/29/16 06:45	100
Dibromofluoromethane (Surr)	102		77 - 118		07/29/16 06:45	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	37000		2500		ug/L			07/29/16 06:42	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		50 - 150		07/29/16 06:42	50
Trifluorotoluene (Surr)	105		50 - 150		07/29/16 06:42	50

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	3400		110		ug/L		07/28/16 14:12	08/02/16 07:36	1
Motor Oil (>C24-C36)	ND		250		ug/L		07/28/16 14:12	08/02/16 07:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	61		50 - 150	07/28/16 14:12	08/02/16 07:36	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: Trip Blank-2_

Lab Sample ID: 580-61203-22

Date Collected: 07/20/16 00:01

Matrix: Water

Date Received: 07/21/16 13:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			07/28/16 12:58	1
Toluene	ND		2.0		ug/L			07/28/16 12:58	1
Ethylbenzene	ND		3.0		ug/L			07/28/16 12:58	1
Xylenes, Total	ND		3.0		ug/L			07/28/16 12:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	104		80 - 141		07/28/16 12:58	1
Toluene-d8 (Surr)	93		82 - 122		07/28/16 12:58	1
1,2-Dichloroethane-d4 (Surr)	96		65 - 143		07/28/16 12:58	1
4-Bromofluorobenzene (Surr)	93		75 - 125		07/28/16 12:58	1
Dibromofluoromethane (Surr)	98		77 - 118		07/28/16 12:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			07/29/16 01:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		50 - 150		07/29/16 01:21	1
Trifluorotoluene (Surr)	109		50 - 150		07/29/16 01:21	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-35_20160719

Lab Sample ID: 580-61203-23

Date Collected: 07/19/16 09:40

Matrix: Water

Date Received: 07/21/16 13:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	2800		300		ug/L			07/29/16 04:49	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	98		80 - 141					07/29/16 04:49	100
Toluene-d8 (Surr)	98		82 - 122					07/29/16 04:49	100
1,2-Dichloroethane-d4 (Surr)	96		65 - 143					07/29/16 04:49	100
4-Bromofluorobenzene (Surr)	98		75 - 125					07/29/16 04:49	100
Dibromofluoromethane (Surr)	95		77 - 118					07/29/16 04:49	100

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	12000		2000		ug/L			07/31/16 22:20	1000
Toluene	18000		2000		ug/L			07/31/16 22:20	1000
Xylenes, Total	13000		3000		ug/L			07/31/16 22:20	1000
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	93		80 - 141					07/31/16 22:20	1000
Toluene-d8 (Surr)	108		82 - 122					07/31/16 22:20	1000
1,2-Dichloroethane-d4 (Surr)	81		65 - 143					07/31/16 22:20	1000
4-Bromofluorobenzene (Surr)	84		75 - 125					07/31/16 22:20	1000
Dibromofluoromethane (Surr)	90		77 - 118					07/31/16 22:20	1000

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	82000		5000		ug/L			07/29/16 07:15	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		50 - 150					07/29/16 07:15	100
Trifluorotoluene (Surr)	104		50 - 150					07/29/16 07:15	100

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	4900		110		ug/L		07/28/16 14:12	08/02/16 07:58	1
Motor Oil (>C24-C36)	ND		250		ug/L		07/28/16 14:12	08/02/16 07:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	119		50 - 150				07/28/16 14:12	08/02/16 07:58	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-36_20160719

Lab Sample ID: 580-61203-24

Date Collected: 07/19/16 09:45

Matrix: Water

Date Received: 07/21/16 13:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	6100		200		ug/L			07/29/16 05:18	100
Toluene	310		200		ug/L			07/29/16 05:18	100
Ethylbenzene	2700		300		ug/L			07/29/16 05:18	100
Xylenes, Total	11000		300		ug/L			07/29/16 05:18	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	100		80 - 141		07/29/16 05:18	100
Toluene-d8 (Surr)	100		82 - 122		07/29/16 05:18	100
1,2-Dichloroethane-d4 (Surr)	99		65 - 143		07/29/16 05:18	100
4-Bromofluorobenzene (Surr)	98		75 - 125		07/29/16 05:18	100
Dibromofluoromethane (Surr)	95		77 - 118		07/29/16 05:18	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	46000		2500		ug/L			07/29/16 07:47	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		50 - 150		07/29/16 07:47	50
Trifluorotoluene (Surr)	106		50 - 150		07/29/16 07:47	50

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	3400		110		ug/L		07/28/16 14:12	08/02/16 08:21	1
Motor Oil (>C24-C36)	ND		250		ug/L		07/28/16 14:12	08/02/16 08:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	78		50 - 150	07/28/16 14:12	08/02/16 08:21	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-37_20160719

Lab Sample ID: 580-61203-25

Date Collected: 07/19/16 15:20

Matrix: Water

Date Received: 07/21/16 13:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			07/28/16 05:57	1
Toluene	ND		2.0		ug/L			07/28/16 05:57	1
Ethylbenzene	ND		3.0		ug/L			07/28/16 05:57	1
Xylenes, Total	ND		3.0		ug/L			07/28/16 05:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	100		80 - 141		07/28/16 05:57	1
Toluene-d8 (Surr)	93		82 - 122		07/28/16 05:57	1
1,2-Dichloroethane-d4 (Surr)	91		65 - 143		07/28/16 05:57	1
4-Bromofluorobenzene (Surr)	95		75 - 125		07/28/16 05:57	1
Dibromofluoromethane (Surr)	95		77 - 118		07/28/16 05:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			07/29/16 04:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		50 - 150		07/29/16 04:01	1
Trifluorotoluene (Surr)	107		50 - 150		07/29/16 04:01	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		07/28/16 14:12	08/02/16 08:43	1
Motor Oil (>C24-C36)	ND		250		ug/L		07/28/16 14:12	08/02/16 08:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	70		50 - 150	07/28/16 14:12	08/02/16 08:43	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-38_20160719

Lab Sample ID: 580-61203-26

Date Collected: 07/19/16 15:25

Matrix: Water

Date Received: 07/21/16 13:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	46		2.0		ug/L			07/28/16 01:36	1
Toluene	ND		2.0		ug/L			07/28/16 01:36	1
Ethylbenzene	9.8		3.0		ug/L			07/28/16 01:36	1
Xylenes, Total	ND		3.0		ug/L			07/28/16 01:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 141		07/28/16 01:36	1
Toluene-d8 (Surr)	93		82 - 122		07/28/16 01:36	1
1,2-Dichloroethane-d4 (Surr)	89		65 - 143		07/28/16 01:36	1
4-Bromofluorobenzene (Surr)	99		75 - 125		07/28/16 01:36	1
Dibromofluoromethane (Surr)	93		77 - 118		07/28/16 01:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	700		50		ug/L			07/28/16 08:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		50 - 150		07/28/16 08:34	1
Trifluorotoluene (Surr)	108		50 - 150		07/28/16 08:34	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	360		110		ug/L		07/28/16 14:12	08/02/16 09:06	1
Motor Oil (>C24-C36)	ND		250		ug/L		07/28/16 14:12	08/02/16 09:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	87		50 - 150	07/28/16 14:12	08/02/16 09:06	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-39_20160719

Lab Sample ID: 580-61203-27

Date Collected: 07/19/16 16:00

Matrix: Water

Date Received: 07/21/16 13:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			07/28/16 03:02	1
Toluene	ND		2.0		ug/L			07/28/16 03:02	1
Ethylbenzene	ND		3.0		ug/L			07/28/16 03:02	1
Xylenes, Total	ND		3.0		ug/L			07/28/16 03:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	105		80 - 141		07/28/16 03:02	1
Toluene-d8 (Surr)	94		82 - 122		07/28/16 03:02	1
1,2-Dichloroethane-d4 (Surr)	93		65 - 143		07/28/16 03:02	1
4-Bromofluorobenzene (Surr)	94		75 - 125		07/28/16 03:02	1
Dibromofluoromethane (Surr)	98		77 - 118		07/28/16 03:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			07/29/16 03:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		50 - 150		07/29/16 03:29	1
Trifluorotoluene (Surr)	105		50 - 150		07/29/16 03:29	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		07/28/16 14:12	08/02/16 09:51	1
Motor Oil (>C24-C36)	ND		250		ug/L		07/28/16 14:12	08/02/16 09:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	67		50 - 150	07/28/16 14:12	08/02/16 09:51	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-40_20160720

Lab Sample ID: 580-61203-28

Date Collected: 07/20/16 08:30

Matrix: Water

Date Received: 07/21/16 13:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			07/28/16 16:01	1
Toluene	ND		2.0		ug/L			07/28/16 16:01	1
Ethylbenzene	ND		3.0		ug/L			07/28/16 16:01	1
Xylenes, Total	ND		3.0		ug/L			07/28/16 16:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	96		80 - 141		07/28/16 16:01	1
Toluene-d8 (Surr)	89		82 - 122		07/28/16 16:01	1
1,2-Dichloroethane-d4 (Surr)	97		65 - 143		07/28/16 16:01	1
4-Bromofluorobenzene (Surr)	104		75 - 125		07/28/16 16:01	1
Dibromofluoromethane (Surr)	98		77 - 118		07/28/16 16:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			07/28/16 09:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		50 - 150		07/28/16 09:38	1
Trifluorotoluene (Surr)	108		50 - 150		07/28/16 09:38	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		07/28/16 14:12	08/02/16 10:14	1
Motor Oil (>C24-C36)	ND		250		ug/L		07/28/16 14:12	08/02/16 10:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	73		50 - 150	07/28/16 14:12	08/02/16 10:14	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-41_20160720

Lab Sample ID: 580-61203-29

Date Collected: 07/20/16 11:40

Matrix: Water

Date Received: 07/21/16 13:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	9.4		2.0		ug/L			07/31/16 20:49	1
Toluene	ND		2.0		ug/L			07/31/16 20:49	1
Ethylbenzene	4.4		3.0		ug/L			07/31/16 20:49	1
Xylenes, Total	ND		3.0		ug/L			07/31/16 20:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	96		80 - 141		07/31/16 20:49	1
Toluene-d8 (Surr)	84		82 - 122		07/31/16 20:49	1
1,2-Dichloroethane-d4 (Surr)	95		65 - 143		07/31/16 20:49	1
4-Bromofluorobenzene (Surr)	103		75 - 125		07/31/16 20:49	1
Dibromofluoromethane (Surr)	96		77 - 118		07/31/16 20:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	310		50		ug/L			07/28/16 10:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		50 - 150		07/28/16 10:10	1
Trifluorotoluene (Surr)	106		50 - 150		07/28/16 10:10	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	170		110		ug/L		07/28/16 14:12	08/02/16 10:36	1
Motor Oil (>C24-C36)	ND		250		ug/L		07/28/16 14:12	08/02/16 10:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	65		50 - 150	07/28/16 14:12	08/02/16 10:36	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-42_20160720

Lab Sample ID: 580-61203-30

Date Collected: 07/20/16 12:00

Matrix: Water

Date Received: 07/21/16 13:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2000		ug/L			07/31/16 17:43	1000
Toluene	ND		2000		ug/L			07/31/16 17:43	1000
Ethylbenzene	ND		3000		ug/L			07/31/16 17:43	1000
Xylenes, Total	6300		3000		ug/L			07/31/16 17:43	1000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	99		80 - 141		07/31/16 17:43	1000
Toluene-d8 (Surr)	84		82 - 122		07/31/16 17:43	1000
1,2-Dichloroethane-d4 (Surr)	96		65 - 143		07/31/16 17:43	1000
4-Bromofluorobenzene (Surr)	99		75 - 125		07/31/16 17:43	1000
Dibromofluoromethane (Surr)	98		77 - 118		07/31/16 17:43	1000

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	36000		2500		ug/L			07/29/16 08:19	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		50 - 150		07/29/16 08:19	50
Trifluorotoluene (Surr)	105		50 - 150		07/29/16 08:19	50

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	3400	*	110		ug/L		07/29/16 10:41	08/02/16 00:07	1
Motor Oil (>C24-C36)	ND	*	250		ug/L		07/29/16 10:41	08/02/16 00:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	84		50 - 150	07/29/16 10:41	08/02/16 00:07	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-43_20160720

Lab Sample ID: 580-61203-31

Date Collected: 07/20/16 12:20

Matrix: Water

Date Received: 07/21/16 13:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	21		2.0		ug/L			07/31/16 21:42	1
Toluene	16		2.0		ug/L			07/31/16 21:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	96		80 - 141		07/31/16 21:42	1
Toluene-d8 (Surr)	82		82 - 122		07/31/16 21:42	1
1,2-Dichloroethane-d4 (Surr)	93		65 - 143		07/31/16 21:42	1
4-Bromofluorobenzene (Surr)	96		75 - 125		07/31/16 21:42	1
Dibromofluoromethane (Surr)	94		77 - 118		07/31/16 21:42	1

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	540	F1	150		ug/L			08/01/16 21:43	50
Xylenes, Total	2600		150		ug/L			08/01/16 21:43	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	99		80 - 141		08/01/16 21:43	50
Toluene-d8 (Surr)	82		82 - 122		08/01/16 21:43	50
1,2-Dichloroethane-d4 (Surr)	90		65 - 143		08/01/16 21:43	50
4-Bromofluorobenzene (Surr)	104		75 - 125		08/01/16 21:43	50
Dibromofluoromethane (Surr)	92		77 - 118		08/01/16 21:43	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	34000		2500		ug/L			07/29/16 11:00	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		50 - 150		07/29/16 11:00	50
Trifluorotoluene (Surr)	106		50 - 150		07/29/16 11:00	50

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	3900	F1 *	110		ug/L		07/29/16 10:41	08/02/16 00:30	1
Motor Oil (>C24-C36)	ND	*	250		ug/L		07/29/16 10:41	08/02/16 00:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	81		50 - 150	07/29/16 10:41	08/02/16 00:30	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: Dup-3_20160720

Lab Sample ID: 580-61203-32

Date Collected: 07/20/16 07:00

Matrix: Water

Date Received: 07/21/16 13:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	460		20		ug/L			07/28/16 20:27	10
Toluene	ND		20		ug/L			07/28/16 20:27	10
Xylenes, Total	ND		30		ug/L			07/28/16 20:27	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	92		80 - 141		07/28/16 20:27	10
Toluene-d8 (Surr)	90		82 - 122		07/28/16 20:27	10
1,2-Dichloroethane-d4 (Surr)	86		65 - 143		07/28/16 20:27	10
4-Bromofluorobenzene (Surr)	99		75 - 125		07/28/16 20:27	10
Dibromofluoromethane (Surr)	96		77 - 118		07/28/16 20:27	10

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	1300		300		ug/L			08/01/16 00:16	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	96		80 - 141		08/01/16 00:16	100
Toluene-d8 (Surr)	111		82 - 122		08/01/16 00:16	100
1,2-Dichloroethane-d4 (Surr)	82		65 - 143		08/01/16 00:16	100
4-Bromofluorobenzene (Surr)	83		75 - 125		08/01/16 00:16	100
Dibromofluoromethane (Surr)	92		77 - 118		08/01/16 00:16	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	11000		1000		ug/L			07/29/16 09:24	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		50 - 150		07/29/16 09:24	20
Trifluorotoluene (Surr)	103		50 - 150		07/29/16 09:24	20

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	3000	*	110		ug/L		07/29/16 10:41	08/02/16 01:38	1
Motor Oil (>C24-C36)	ND	*	250		ug/L		07/29/16 10:41	08/02/16 01:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	83		50 - 150	07/29/16 10:41	08/02/16 01:38	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: Trip Blank-3_

Lab Sample ID: 580-61203-33

Date Collected: 07/19/16 00:01

Matrix: Water

Date Received: 07/21/16 13:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			07/27/16 12:09	1
Toluene	ND		2.0		ug/L			07/27/16 12:09	1
Ethylbenzene	ND		3.0		ug/L			07/27/16 12:09	1
Xylenes, Total	ND		3.0		ug/L			07/27/16 12:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	108		80 - 141		07/27/16 12:09	1
Toluene-d8 (Surr)	96		82 - 122		07/27/16 12:09	1
1,2-Dichloroethane-d4 (Surr)	104		65 - 143		07/27/16 12:09	1
4-Bromofluorobenzene (Surr)	97		75 - 125		07/27/16 12:09	1
Dibromofluoromethane (Surr)	104		77 - 118		07/27/16 12:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			07/28/16 03:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		50 - 150		07/28/16 03:11	1
Trifluorotoluene (Surr)	110		50 - 150		07/28/16 03:11	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-44_20160720

Lab Sample ID: 580-61203-34

Date Collected: 07/20/16 14:10

Matrix: Water

Date Received: 07/21/16 13:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		200		ug/L			07/31/16 18:36	100
Toluene	ND		200		ug/L			07/31/16 18:36	100
Ethylbenzene	800		300		ug/L			07/31/16 18:36	100
Xylenes, Total	ND		300		ug/L			07/31/16 18:36	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	97		80 - 141		07/31/16 18:36	100
Toluene-d8 (Surr)	88		82 - 122		07/31/16 18:36	100
1,2-Dichloroethane-d4 (Surr)	97		65 - 143		07/31/16 18:36	100
4-Bromofluorobenzene (Surr)	101		75 - 125		07/31/16 18:36	100
Dibromofluoromethane (Surr)	99		77 - 118		07/31/16 18:36	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	7700		1000		ug/L			07/29/16 09:56	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		50 - 150		07/29/16 09:56	20
Trifluorotoluene (Surr)	107		50 - 150		07/29/16 09:56	20

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	1700	*	110		ug/L		07/29/16 10:41	08/02/16 02:23	1
Motor Oil (>C24-C36)	ND	*	250		ug/L		07/29/16 10:41	08/02/16 02:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	91		50 - 150	07/29/16 10:41	08/02/16 02:23	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-45_20160719

Lab Sample ID: 580-61203-35

Date Collected: 07/19/16 15:00

Matrix: Water

Date Received: 07/21/16 13:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	12		2.0		ug/L			07/28/16 05:27	1
Toluene	3.3		2.0		ug/L			07/28/16 05:27	1
Xylenes, Total	10		3.0		ug/L			07/28/16 05:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 141					07/28/16 05:27	1
Toluene-d8 (Surr)	95		82 - 122					07/28/16 05:27	1
1,2-Dichloroethane-d4 (Surr)	89		65 - 143					07/28/16 05:27	1
4-Bromofluorobenzene (Surr)	100		75 - 125					07/28/16 05:27	1
Dibromofluoromethane (Surr)	92		77 - 118					07/28/16 05:27	1

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	680		300		ug/L			07/29/16 06:16	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 141					07/29/16 06:16	100
Toluene-d8 (Surr)	94		82 - 122					07/29/16 06:16	100
1,2-Dichloroethane-d4 (Surr)	99		65 - 143					07/29/16 06:16	100
4-Bromofluorobenzene (Surr)	96		75 - 125					07/29/16 06:16	100
Dibromofluoromethane (Surr)	101		77 - 118					07/29/16 06:16	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	7900		1000		ug/L			07/29/16 10:28	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		50 - 150					07/29/16 10:28	20
Trifluorotoluene (Surr)	105		50 - 150					07/29/16 10:28	20

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	2300	*	110		ug/L		07/29/16 10:41	08/02/16 02:45	1
Motor Oil (>C24-C36)	ND	*	250		ug/L		07/29/16 10:41	08/02/16 02:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	80		50 - 150				07/29/16 10:41	08/02/16 02:45	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-47_20160719

Lab Sample ID: 580-61203-36

Date Collected: 07/19/16 15:40

Matrix: Water

Date Received: 07/21/16 13:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			07/28/16 02:05	1
Toluene	ND		2.0		ug/L			07/28/16 02:05	1
Ethylbenzene	ND		3.0		ug/L			07/28/16 02:05	1
Xylenes, Total	ND		3.0		ug/L			07/28/16 02:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	102		80 - 141		07/28/16 02:05	1
Toluene-d8 (Surr)	98		82 - 122		07/28/16 02:05	1
1,2-Dichloroethane-d4 (Surr)	90		65 - 143		07/28/16 02:05	1
4-Bromofluorobenzene (Surr)	94		75 - 125		07/28/16 02:05	1
Dibromofluoromethane (Surr)	95		77 - 118		07/28/16 02:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	51		50		ug/L			07/29/16 13:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		50 - 150		07/29/16 13:08	1
Trifluorotoluene (Surr)	105		50 - 150		07/29/16 13:08	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND	*	110		ug/L		07/29/16 10:41	08/02/16 03:08	1
Motor Oil (>C24-C36)	ND	*	250		ug/L		07/29/16 10:41	08/02/16 03:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	80		50 - 150	07/29/16 10:41	08/02/16 03:08	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-48_20160720

Lab Sample ID: 580-61203-37

Date Collected: 07/20/16 08:55

Matrix: Water

Date Received: 07/21/16 13:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			08/01/16 14:31	1
Toluene	ND		2.0		ug/L			08/01/16 14:31	1
Ethylbenzene	ND		3.0		ug/L			08/01/16 14:31	1
Xylenes, Total	ND		3.0		ug/L			08/01/16 14:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	96		80 - 141		08/01/16 14:31	1
Toluene-d8 (Surr)	112		82 - 122		08/01/16 14:31	1
1,2-Dichloroethane-d4 (Surr)	83		65 - 143		08/01/16 14:31	1
4-Bromofluorobenzene (Surr)	80		75 - 125		08/01/16 14:31	1
Dibromofluoromethane (Surr)	91		77 - 118		08/01/16 14:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			07/29/16 13:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		50 - 150		07/29/16 13:41	1
Trifluorotoluene (Surr)	104		50 - 150		07/29/16 13:41	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND	*	110		ug/L		07/29/16 10:41	08/02/16 03:30	1
Motor Oil (>C24-C36)	ND	*	250		ug/L		07/29/16 10:41	08/02/16 03:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	81		50 - 150	07/29/16 10:41	08/02/16 03:30	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-49_20160719

Lab Sample ID: 580-61203-38

Date Collected: 07/19/16 16:10

Matrix: Water

Date Received: 07/21/16 13:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			07/28/16 03:32	1
Toluene	ND		2.0		ug/L			07/28/16 03:32	1
Ethylbenzene	ND		3.0		ug/L			07/28/16 03:32	1
Xylenes, Total	ND		3.0		ug/L			07/28/16 03:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	102		80 - 141		07/28/16 03:32	1
Toluene-d8 (Surr)	94		82 - 122		07/28/16 03:32	1
1,2-Dichloroethane-d4 (Surr)	95		65 - 143		07/28/16 03:32	1
4-Bromofluorobenzene (Surr)	95		75 - 125		07/28/16 03:32	1
Dibromofluoromethane (Surr)	98		77 - 118		07/28/16 03:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			07/29/16 14:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		50 - 150		07/29/16 14:14	1
Trifluorotoluene (Surr)	103		50 - 150		07/29/16 14:14	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND	*	110		ug/L		07/29/16 10:41	08/02/16 03:52	1
Motor Oil (>C24-C36)	ND	*	250		ug/L		07/29/16 10:41	08/02/16 03:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	84		50 - 150	07/29/16 10:41	08/02/16 03:52	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-50_20160719

Lab Sample ID: 580-61203-39

Date Collected: 07/19/16 15:45

Matrix: Water

Date Received: 07/21/16 13:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			07/28/16 02:34	1
Toluene	ND		2.0		ug/L			07/28/16 02:34	1
Ethylbenzene	ND		3.0		ug/L			07/28/16 02:34	1
Xylenes, Total	ND		3.0		ug/L			07/28/16 02:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	103		80 - 141		07/28/16 02:34	1
Toluene-d8 (Surr)	98		82 - 122		07/28/16 02:34	1
1,2-Dichloroethane-d4 (Surr)	92		65 - 143		07/28/16 02:34	1
4-Bromofluorobenzene (Surr)	93		75 - 125		07/28/16 02:34	1
Dibromofluoromethane (Surr)	95		77 - 118		07/28/16 02:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			08/01/16 15:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		50 - 150		08/01/16 15:34	1
Trifluorotoluene (Surr)	108		50 - 150		08/01/16 15:34	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND	*	110		ug/L		07/29/16 10:41	08/02/16 04:15	1
Motor Oil (>C24-C36)	ND	*	250		ug/L		07/29/16 10:41	08/02/16 04:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	72		50 - 150	07/29/16 10:41	08/02/16 04:15	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-51_20160719

Lab Sample ID: 580-61203-40

Date Collected: 07/19/16 12:00

Matrix: Water

Date Received: 07/21/16 13:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			07/27/16 19:50	1
Toluene	ND		2.0		ug/L			07/27/16 19:50	1
Ethylbenzene	ND		3.0		ug/L			07/27/16 19:50	1
Xylenes, Total	3.2		3.0		ug/L			07/27/16 19:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 141		07/27/16 19:50	1
Toluene-d8 (Surr)	94		82 - 122		07/27/16 19:50	1
1,2-Dichloroethane-d4 (Surr)	87		65 - 143		07/27/16 19:50	1
4-Bromofluorobenzene (Surr)	96		75 - 125		07/27/16 19:50	1
Dibromofluoromethane (Surr)	92		77 - 118		07/27/16 19:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			08/01/16 16:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		50 - 150					08/01/16 16:06	1
Trifluorotoluene (Surr)	106		50 - 150					08/01/16 16:06	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND	*	110		ug/L		07/29/16 10:41	08/02/16 04:37	1
Motor Oil (>C24-C36)	ND	*	250		ug/L		07/29/16 10:41	08/02/16 04:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	79		50 - 150				07/29/16 10:41	08/02/16 04:37	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-52_20160720

Lab Sample ID: 580-61203-41

Date Collected: 07/20/16 09:30

Matrix: Water

Date Received: 07/21/16 13:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	15		2.0		ug/L			08/01/16 15:28	1
Xylenes, Total	60	F1	3.0		ug/L			08/01/16 15:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	94		80 - 141					08/01/16 15:28	1
Toluene-d8 (Surr)	109		82 - 122					08/01/16 15:28	1
1,2-Dichloroethane-d4 (Surr)	78		65 - 143					08/01/16 15:28	1
4-Bromofluorobenzene (Surr)	88		75 - 125					08/01/16 15:28	1
Dibromofluoromethane (Surr)	87		77 - 118					08/01/16 15:28	1

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	480		200		ug/L			08/01/16 18:51	100
Ethylbenzene	1600		300		ug/L			08/01/16 18:51	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	94		80 - 141					08/01/16 18:51	100
Toluene-d8 (Surr)	112		82 - 122					08/01/16 18:51	100
1,2-Dichloroethane-d4 (Surr)	73		65 - 143					08/01/16 18:51	100
4-Bromofluorobenzene (Surr)	84		75 - 125					08/01/16 18:51	100
Dibromofluoromethane (Surr)	85		77 - 118					08/01/16 18:51	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	12000		500		ug/L			08/02/16 18:32	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	135		50 - 150					08/02/16 18:32	10
Trifluorotoluene (Surr)	103		50 - 150					08/02/16 18:32	10

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	3100	*	110		ug/L		07/29/16 10:41	08/02/16 05:00	1
Motor Oil (>C24-C36)	ND	*	250		ug/L		07/29/16 10:41	08/02/16 05:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	81		50 - 150				07/29/16 10:41	08/02/16 05:00	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-53_20160719

Lab Sample ID: 580-61203-42

Date Collected: 07/19/16 09:15

Matrix: Water

Date Received: 07/21/16 13:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	420		200		ug/L			07/29/16 05:47	100
Ethylbenzene	2800		300		ug/L			07/29/16 05:47	100
Xylenes, Total	12000		300		ug/L			07/29/16 05:47	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	99		80 - 141					07/29/16 05:47	100
Toluene-d8 (Surr)	92		82 - 122					07/29/16 05:47	100
1,2-Dichloroethane-d4 (Surr)	98		65 - 143					07/29/16 05:47	100
4-Bromofluorobenzene (Surr)	97		75 - 125					07/29/16 05:47	100
Dibromofluoromethane (Surr)	100		77 - 118					07/29/16 05:47	100

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	16000		2000		ug/L			07/31/16 21:51	1000
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	95		80 - 141					07/31/16 21:51	1000
Toluene-d8 (Surr)	108		82 - 122					07/31/16 21:51	1000
1,2-Dichloroethane-d4 (Surr)	80		65 - 143					07/31/16 21:51	1000
4-Bromofluorobenzene (Surr)	85		75 - 125					07/31/16 21:51	1000
Dibromofluoromethane (Surr)	89		77 - 118					07/31/16 21:51	1000

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	44000		25000		ug/L			08/02/16 13:42	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		50 - 150					08/02/16 13:42	500
Trifluorotoluene (Surr)	103		50 - 150					08/02/16 13:42	500

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	3200	*	110		ug/L		07/29/16 10:41	08/02/16 06:29	1
Motor Oil (>C24-C36)	ND	*	250		ug/L		07/29/16 10:41	08/02/16 06:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	81		50 - 150				07/29/16 10:41	08/02/16 06:29	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: Dup-4_20160720

Date Collected: 07/20/16 08:00

Date Received: 07/21/16 13:40

Lab Sample ID: 580-61203-43

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			07/28/16 20:00	1
Toluene	ND		2.0		ug/L			07/28/16 20:00	1
Ethylbenzene	3.5		3.0		ug/L			07/28/16 20:00	1
Xylenes, Total	ND		3.0		ug/L			07/28/16 20:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	86		80 - 141		07/28/16 20:00	1
Toluene-d8 (Surr)	93		82 - 122		07/28/16 20:00	1
1,2-Dichloroethane-d4 (Surr)	86		65 - 143		07/28/16 20:00	1
4-Bromofluorobenzene (Surr)	95		75 - 125		07/28/16 20:00	1
Dibromofluoromethane (Surr)	97		77 - 118		07/28/16 20:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			08/01/16 16:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		50 - 150		08/01/16 16:39	1
Trifluorotoluene (Surr)	103		50 - 150		08/01/16 16:39	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	310	*	110		ug/L		07/29/16 10:41	08/02/16 06:51	1
Motor Oil (>C24-C36)	ND	*	250		ug/L		07/29/16 10:41	08/02/16 06:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	88		50 - 150	07/29/16 10:41	08/02/16 06:51	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: Trip Blank-4_

Lab Sample ID: 580-61203-44

Date Collected: 07/20/16 00:01

Matrix: Water

Date Received: 07/21/16 13:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			07/28/16 13:28	1
Toluene	ND		2.0		ug/L			07/28/16 13:28	1
Ethylbenzene	ND		3.0		ug/L			07/28/16 13:28	1
Xylenes, Total	ND		3.0		ug/L			07/28/16 13:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	102		80 - 141		07/28/16 13:28	1
Toluene-d8 (Surr)	95		82 - 122		07/28/16 13:28	1
1,2-Dichloroethane-d4 (Surr)	96		65 - 143		07/28/16 13:28	1
4-Bromofluorobenzene (Surr)	94		75 - 125		07/28/16 13:28	1
Dibromofluoromethane (Surr)	96		77 - 118		07/28/16 13:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			07/29/16 01:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		50 - 150		07/29/16 01:53	1
Trifluorotoluene (Surr)	109		50 - 150		07/29/16 01:53	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: IW-1_20160719

Lab Sample ID: 580-61203-45

Date Collected: 07/19/16 16:15

Matrix: Water

Date Received: 07/21/16 13:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			07/28/16 04:01	1
Toluene	ND		2.0		ug/L			07/28/16 04:01	1
Ethylbenzene	ND		3.0		ug/L			07/28/16 04:01	1
Xylenes, Total	ND		3.0		ug/L			07/28/16 04:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	104		80 - 141		07/28/16 04:01	1
Toluene-d8 (Surr)	98		82 - 122		07/28/16 04:01	1
1,2-Dichloroethane-d4 (Surr)	95		65 - 143		07/28/16 04:01	1
4-Bromofluorobenzene (Surr)	93		75 - 125		07/28/16 04:01	1
Dibromofluoromethane (Surr)	97		77 - 118		07/28/16 04:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			08/01/16 17:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		50 - 150		08/01/16 17:11	1
Trifluorotoluene (Surr)	105		50 - 150		08/01/16 17:11	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND	*	110		ug/L		07/29/16 10:41	08/02/16 07:14	1
Motor Oil (>C24-C36)	ND	*	250		ug/L		07/29/16 10:41	08/02/16 07:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	75		50 - 150	07/29/16 10:41	08/02/16 07:14	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-55_20160720

Lab Sample ID: 580-61203-46

Date Collected: 07/20/16 08:45

Matrix: Water

Date Received: 07/21/16 13:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			08/01/16 14:02	1
Toluene	ND		2.0		ug/L			08/01/16 14:02	1
Ethylbenzene	ND		3.0		ug/L			08/01/16 14:02	1
Xylenes, Total	ND		3.0		ug/L			08/01/16 14:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	95		80 - 141		08/01/16 14:02	1
Toluene-d8 (Surr)	111		82 - 122		08/01/16 14:02	1
1,2-Dichloroethane-d4 (Surr)	86		65 - 143		08/01/16 14:02	1
4-Bromofluorobenzene (Surr)	82		75 - 125		08/01/16 14:02	1
Dibromofluoromethane (Surr)	92		77 - 118		08/01/16 14:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			08/01/16 17:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		50 - 150		08/01/16 17:43	1
Trifluorotoluene (Surr)	104		50 - 150		08/01/16 17:43	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND	*	110		ug/L		07/29/16 10:41	08/02/16 07:36	1
Motor Oil (>C24-C36)	ND	*	250		ug/L		07/29/16 10:41	08/02/16 07:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	75		50 - 150	07/29/16 10:41	08/02/16 07:36	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-56_20160720

Lab Sample ID: 580-61203-47

Date Collected: 07/20/16 09:05

Matrix: Water

Date Received: 07/21/16 13:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	51		2.0		ug/L			08/01/16 15:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	91		80 - 141					08/01/16 15:00	1
Toluene-d8 (Surr)	113		82 - 122					08/01/16 15:00	1
1,2-Dichloroethane-d4 (Surr)	79		65 - 143					08/01/16 15:00	1
4-Bromofluorobenzene (Surr)	90		75 - 125					08/01/16 15:00	1
Dibromofluoromethane (Surr)	89		77 - 118					08/01/16 15:00	1

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	130		100		ug/L			08/01/16 18:22	50
Ethylbenzene	2200		150		ug/L			08/01/16 18:22	50
Xylenes, Total	9200		150		ug/L			08/01/16 18:22	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	94		80 - 141					08/01/16 18:22	50
Toluene-d8 (Surr)	110		82 - 122					08/01/16 18:22	50
1,2-Dichloroethane-d4 (Surr)	73		65 - 143					08/01/16 18:22	50
4-Bromofluorobenzene (Surr)	86		75 - 125					08/01/16 18:22	50
Dibromofluoromethane (Surr)	85		77 - 118					08/01/16 18:22	50

Method: 8260C - Volatile Organic Compounds by GC/MS - DL2

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	102		80 - 141					08/05/16 03:17	250
Toluene-d8 (Surr)	104		82 - 122					08/05/16 03:17	250
1,2-Dichloroethane-d4 (Surr)	102		65 - 143					08/05/16 03:17	250
4-Bromofluorobenzene (Surr)	101		75 - 125					08/05/16 03:17	250
Dibromofluoromethane (Surr)	99		77 - 118					08/05/16 03:17	250

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	48000		25000		ug/L			08/02/16 14:14	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		50 - 150					08/02/16 14:14	500
Trifluorotoluene (Surr)	106		50 - 150					08/02/16 14:14	500

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	3500	*	110		ug/L		07/29/16 10:41	08/02/16 07:58	1
Motor Oil (>C24-C36)	ND	*	250		ug/L		07/29/16 10:41	08/02/16 07:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	78		50 - 150				07/29/16 10:41	08/02/16 07:58	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-57_20160720

Lab Sample ID: 580-61203-48

Date Collected: 07/20/16 09:35

Matrix: Water

Date Received: 07/21/16 13:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	22	F1	2.0		ug/L			08/01/16 16:55	1
Toluene	ND		2.0		ug/L			08/01/16 16:55	1
Ethylbenzene	5.7	F1	3.0		ug/L			08/01/16 16:55	1
Xylenes, Total	4.0		3.0		ug/L			08/01/16 16:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	94		80 - 141		08/01/16 16:55	1
Toluene-d8 (Surr)	107		82 - 122		08/01/16 16:55	1
1,2-Dichloroethane-d4 (Surr)	75		65 - 143		08/01/16 16:55	1
4-Bromofluorobenzene (Surr)	88		75 - 125		08/01/16 16:55	1
Dibromofluoromethane (Surr)	85		77 - 118		08/01/16 16:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	260		50		ug/L			08/02/16 18:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		50 - 150		08/02/16 18:00	1
Trifluorotoluene (Surr)	103		50 - 150		08/02/16 18:00	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		08/01/16 17:28	08/02/16 17:39	1
Motor Oil (>C24-C36)	ND		250		ug/L		08/01/16 17:28	08/02/16 17:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	82		50 - 150	08/01/16 17:28	08/02/16 17:39	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-58_20160720

Lab Sample ID: 580-61203-49

Date Collected: 07/20/16 10:40

Matrix: Water

Date Received: 07/21/16 13:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			07/28/16 19:34	1
Toluene	ND		2.0		ug/L			07/28/16 19:34	1
Ethylbenzene	ND		3.0		ug/L			07/28/16 19:34	1
Xylenes, Total	ND		3.0		ug/L			07/28/16 19:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	94		80 - 141		07/28/16 19:34	1
Toluene-d8 (Surr)	89		82 - 122		07/28/16 19:34	1
1,2-Dichloroethane-d4 (Surr)	88		65 - 143		07/28/16 19:34	1
4-Bromofluorobenzene (Surr)	99		75 - 125		07/28/16 19:34	1
Dibromofluoromethane (Surr)	97		77 - 118		07/28/16 19:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	1800		50		ug/L			08/02/16 14:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	136		50 - 150		08/02/16 14:47	1
Trifluorotoluene (Surr)	101		50 - 150		08/02/16 14:47	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	1200		110		ug/L		08/01/16 17:28	08/02/16 18:47	1
Motor Oil (>C24-C36)	ND		250		ug/L		08/01/16 17:28	08/02/16 18:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	48	X	50 - 150	08/01/16 17:28	08/02/16 18:47	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-59_20160720

Lab Sample ID: 580-61203-50

Date Collected: 07/20/16 11:00

Matrix: Water

Date Received: 07/21/16 13:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			07/28/16 19:07	1
Toluene	ND		2.0		ug/L			07/28/16 19:07	1
Ethylbenzene	ND		3.0		ug/L			07/28/16 19:07	1
Xylenes, Total	ND		3.0		ug/L			07/28/16 19:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	93		80 - 141		07/28/16 19:07	1
Toluene-d8 (Surr)	90		82 - 122		07/28/16 19:07	1
1,2-Dichloroethane-d4 (Surr)	93		65 - 143		07/28/16 19:07	1
4-Bromofluorobenzene (Surr)	99		75 - 125		07/28/16 19:07	1
Dibromofluoromethane (Surr)	96		77 - 118		07/28/16 19:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	2500		50		ug/L			08/02/16 15:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	170	X	50 - 150		08/02/16 15:51	1
Trifluorotoluene (Surr)	104		50 - 150		08/02/16 15:51	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	6000		110		ug/L		08/01/16 17:28	08/02/16 19:10	1
Motor Oil (>C24-C36)	280		250		ug/L		08/01/16 17:28	08/02/16 19:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	83		50 - 150	08/01/16 17:28	08/02/16 19:10	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-60_20160720

Lab Sample ID: 580-61203-51

Date Collected: 07/20/16 11:20

Matrix: Water

Date Received: 07/21/16 13:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			07/28/16 17:47	1
Toluene	ND		2.0		ug/L			07/28/16 17:47	1
Ethylbenzene	ND		3.0		ug/L			07/28/16 17:47	1
Xylenes, Total	ND		3.0		ug/L			07/28/16 17:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	91		80 - 141		07/28/16 17:47	1
Toluene-d8 (Surr)	91		82 - 122		07/28/16 17:47	1
1,2-Dichloroethane-d4 (Surr)	91		65 - 143		07/28/16 17:47	1
4-Bromofluorobenzene (Surr)	100		75 - 125		07/28/16 17:47	1
Dibromofluoromethane (Surr)	96		77 - 118		07/28/16 17:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			08/02/16 11:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		50 - 150		08/02/16 11:33	1
Trifluorotoluene (Surr)	109		50 - 150		08/02/16 11:33	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		08/01/16 17:28	08/02/16 19:32	1
Motor Oil (>C24-C36)	ND		250		ug/L		08/01/16 17:28	08/02/16 19:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	87		50 - 150	08/01/16 17:28	08/02/16 19:32	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-61_20160720

Lab Sample ID: 580-61203-52

Date Collected: 07/20/16 10:20

Matrix: Water

Date Received: 07/21/16 13:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			07/28/16 17:21	1
Toluene	ND		2.0		ug/L			07/28/16 17:21	1
Ethylbenzene	ND		3.0		ug/L			07/28/16 17:21	1
Xylenes, Total	ND		3.0		ug/L			07/28/16 17:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	94		80 - 141		07/28/16 17:21	1
Toluene-d8 (Surr)	92		82 - 122		07/28/16 17:21	1
1,2-Dichloroethane-d4 (Surr)	92		65 - 143		07/28/16 17:21	1
4-Bromofluorobenzene (Surr)	102		75 - 125		07/28/16 17:21	1
Dibromofluoromethane (Surr)	96		77 - 118		07/28/16 17:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			08/02/16 12:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		50 - 150		08/02/16 12:05	1
Trifluorotoluene (Surr)	108		50 - 150		08/02/16 12:05	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		08/01/16 17:28	08/02/16 19:55	1
Motor Oil (>C24-C36)	ND		250		ug/L		08/01/16 17:28	08/02/16 19:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	66		50 - 150	08/01/16 17:28	08/02/16 19:55	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-62_20160720

Lab Sample ID: 580-61203-53

Date Collected: 07/20/16 10:00

Matrix: Water

Date Received: 07/21/16 13:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			07/28/16 18:14	1
Toluene	ND		2.0		ug/L			07/28/16 18:14	1
Ethylbenzene	ND		3.0		ug/L			07/28/16 18:14	1
Xylenes, Total	ND		3.0		ug/L			07/28/16 18:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	94		80 - 141		07/28/16 18:14	1
Toluene-d8 (Surr)	87		82 - 122		07/28/16 18:14	1
1,2-Dichloroethane-d4 (Surr)	90		65 - 143		07/28/16 18:14	1
4-Bromofluorobenzene (Surr)	96		75 - 125		07/28/16 18:14	1
Dibromofluoromethane (Surr)	95		77 - 118		07/28/16 18:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			08/02/16 12:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		50 - 150		08/02/16 12:38	1
Trifluorotoluene (Surr)	100		50 - 150		08/02/16 12:38	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		08/01/16 17:28	08/02/16 20:41	1
Motor Oil (>C24-C36)	ND		250		ug/L		08/01/16 17:28	08/02/16 20:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	85		50 - 150	08/01/16 17:28	08/02/16 20:41	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-63_20160720

Lab Sample ID: 580-61203-54

Date Collected: 07/20/16 09:45

Matrix: Water

Date Received: 07/21/16 13:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			07/28/16 18:41	1
Toluene	ND		2.0		ug/L			07/28/16 18:41	1
Ethylbenzene	ND		3.0		ug/L			07/28/16 18:41	1
Xylenes, Total	ND		3.0		ug/L			07/28/16 18:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	92		80 - 141		07/28/16 18:41	1
Toluene-d8 (Surr)	93		82 - 122		07/28/16 18:41	1
1,2-Dichloroethane-d4 (Surr)	91		65 - 143		07/28/16 18:41	1
4-Bromofluorobenzene (Surr)	100		75 - 125		07/28/16 18:41	1
Dibromofluoromethane (Surr)	99		77 - 118		07/28/16 18:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			08/02/16 13:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		50 - 150		08/02/16 13:10	1
Trifluorotoluene (Surr)	106		50 - 150		08/02/16 13:10	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		08/01/16 17:28	08/02/16 21:05	1
Motor Oil (>C24-C36)	ND		250		ug/L		08/01/16 17:28	08/02/16 21:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	86		50 - 150	08/01/16 17:28	08/02/16 21:05	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-64_20160720

Lab Sample ID: 580-61203-55

Date Collected: 07/20/16 14:50

Matrix: Water

Date Received: 07/21/16 13:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	19		2.0		ug/L			07/31/16 21:16	1
Toluene	ND		2.0		ug/L			07/31/16 21:16	1
Ethylbenzene	ND		3.0		ug/L			07/31/16 21:16	1
Xylenes, Total	5.1		3.0		ug/L			07/31/16 21:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	95		80 - 141		07/31/16 21:16	1
Toluene-d8 (Surr)	86		82 - 122		07/31/16 21:16	1
1,2-Dichloroethane-d4 (Surr)	97		65 - 143		07/31/16 21:16	1
4-Bromofluorobenzene (Surr)	100		75 - 125		07/31/16 21:16	1
Dibromofluoromethane (Surr)	100		77 - 118		07/31/16 21:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	1600		50		ug/L			08/02/16 16:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	196	X	50 - 150		08/02/16 16:23	1
Trifluorotoluene (Surr)	102		50 - 150		08/02/16 16:23	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	1900		110		ug/L		08/01/16 17:28	08/02/16 21:28	1
Motor Oil (>C24-C36)	ND		250		ug/L		08/01/16 17:28	08/02/16 21:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	82		50 - 150	08/01/16 17:28	08/02/16 21:28	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: Trip Blank-5_

Lab Sample ID: 580-61203-56

Date Collected: 07/20/16 00:01

Matrix: Water

Date Received: 07/21/16 13:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			07/28/16 13:56	1
Toluene	ND		2.0		ug/L			07/28/16 13:56	1
Ethylbenzene	ND		3.0		ug/L			07/28/16 13:56	1
Xylenes, Total	ND		3.0		ug/L			07/28/16 13:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	102		80 - 141		07/28/16 13:56	1
Toluene-d8 (Surr)	94		82 - 122		07/28/16 13:56	1
1,2-Dichloroethane-d4 (Surr)	96		65 - 143		07/28/16 13:56	1
4-Bromofluorobenzene (Surr)	93		75 - 125		07/28/16 13:56	1
Dibromofluoromethane (Surr)	99		77 - 118		07/28/16 13:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			07/29/16 02:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		50 - 150		07/29/16 02:25	1
Trifluorotoluene (Surr)	108		50 - 150		07/29/16 02:25	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-65_20160719

Lab Sample ID: 580-61203-57

Date Collected: 07/19/16 08:45

Matrix: Water

Date Received: 07/21/16 13:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	19		2.0		ug/L			07/27/16 14:34	1
Xylenes, Total	57		3.0		ug/L			07/27/16 14:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	99		80 - 141					07/27/16 14:34	1
Toluene-d8 (Surr)	98		82 - 122					07/27/16 14:34	1
1,2-Dichloroethane-d4 (Surr)	97		65 - 143					07/27/16 14:34	1
4-Bromofluorobenzene (Surr)	104		75 - 125					07/27/16 14:34	1
Dibromofluoromethane (Surr)	96		77 - 118					07/27/16 14:34	1

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2700		200		ug/L			07/29/16 07:14	100
Ethylbenzene	1100		300		ug/L			07/29/16 07:14	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	98		80 - 141					07/29/16 07:14	100
Toluene-d8 (Surr)	94		82 - 122					07/29/16 07:14	100
1,2-Dichloroethane-d4 (Surr)	103		65 - 143					07/29/16 07:14	100
4-Bromofluorobenzene (Surr)	95		75 - 125					07/29/16 07:14	100
Dibromofluoromethane (Surr)	98		77 - 118					07/29/16 07:14	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	8300		500		ug/L			08/02/16 17:28	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		50 - 150					08/02/16 17:28	10
Trifluorotoluene (Surr)	103		50 - 150					08/02/16 17:28	10

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	2600		110		ug/L		08/01/16 17:28	08/02/16 21:51	1
Motor Oil (>C24-C36)	ND		250		ug/L		08/01/16 17:28	08/02/16 21:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	84		50 - 150				08/01/16 17:28	08/02/16 21:51	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-66_20160719

Lab Sample ID: 580-61203-58

Date Collected: 07/19/16 08:50

Matrix: Water

Date Received: 07/21/16 13:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	7.6		2.0		ug/L			07/27/16 15:02	1
Xylenes, Total	12		3.0		ug/L			07/27/16 15:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	102		80 - 141					07/27/16 15:02	1
Toluene-d8 (Surr)	98		82 - 122					07/27/16 15:02	1
1,2-Dichloroethane-d4 (Surr)	98		65 - 143					07/27/16 15:02	1
4-Bromofluorobenzene (Surr)	105		75 - 125					07/27/16 15:02	1
Dibromofluoromethane (Surr)	95		77 - 118					07/27/16 15:02	1

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	430		100		ug/L			07/28/16 20:11	50
Ethylbenzene	ND		150		ug/L			07/28/16 20:11	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	102		80 - 141					07/28/16 20:11	50
Toluene-d8 (Surr)	97		82 - 122					07/28/16 20:11	50
1,2-Dichloroethane-d4 (Surr)	97		65 - 143					07/28/16 20:11	50
4-Bromofluorobenzene (Surr)	94		75 - 125					07/28/16 20:11	50
Dibromofluoromethane (Surr)	94		77 - 118					07/28/16 20:11	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	3100		50		ug/L			08/02/16 16:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	243	X	50 - 150					08/02/16 16:56	1
Trifluorotoluene (Surr)	105		50 - 150					08/02/16 16:56	1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	1300		110		ug/L		08/01/16 17:28	08/02/16 22:14	1
Motor Oil (>C24-C36)	ND		250		ug/L		08/01/16 17:28	08/02/16 22:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	78		50 - 150				08/01/16 17:28	08/02/16 22:14	1

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 580-223235/5

Matrix: Water

Analysis Batch: 223235

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			07/27/16 10:13	1
Toluene	ND		2.0		ug/L			07/27/16 10:13	1
Ethylbenzene	ND		3.0		ug/L			07/27/16 10:13	1
Xylenes, Total	ND		3.0		ug/L			07/27/16 10:13	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	111		80 - 141		07/27/16 10:13	1
Toluene-d8 (Surr)	97		82 - 122		07/27/16 10:13	1
1,2-Dichloroethane-d4 (Surr)	109		65 - 143		07/27/16 10:13	1
4-Bromofluorobenzene (Surr)	95		75 - 125		07/27/16 10:13	1
Dibromofluoromethane (Surr)	105		77 - 118		07/27/16 10:13	1

Lab Sample ID: LCS 580-223235/6

Matrix: Water

Analysis Batch: 223235

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	10.5		ug/L		105	80 - 120
Toluene	10.0	9.61		ug/L		96	75 - 120
Ethylbenzene	10.0	9.04		ug/L		90	75 - 119
m-Xylene & p-Xylene	10.0	9.01		ug/L		90	75 - 119
o-Xylene	10.0	9.27		ug/L		93	74 - 120
Xylenes, Total	20.0	18.3		ug/L		91	75 - 119

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Trifluorotoluene (Surr)	103		80 - 141
Toluene-d8 (Surr)	93		82 - 122
1,2-Dichloroethane-d4 (Surr)	102		65 - 143
4-Bromofluorobenzene (Surr)	100		75 - 125
Dibromofluoromethane (Surr)	102		77 - 118

Lab Sample ID: LCSD 580-223235/7

Matrix: Water

Analysis Batch: 223235

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	10.0	10.3		ug/L		103	80 - 120	2	14
Toluene	10.0	9.57		ug/L		96	75 - 120	0	19
Ethylbenzene	10.0	9.21		ug/L		92	75 - 119	2	14
m-Xylene & p-Xylene	10.0	9.41		ug/L		94	75 - 119	4	14
o-Xylene	10.0	9.41		ug/L		94	74 - 120	1	16
Xylenes, Total	20.0	18.8		ug/L		94	75 - 119	3	15

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Trifluorotoluene (Surr)	103		80 - 141
Toluene-d8 (Surr)	94		82 - 122
1,2-Dichloroethane-d4 (Surr)	99		65 - 143

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 580-223235/7

Matrix: Water

Analysis Batch: 223235

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		75 - 125
Dibromofluoromethane (Surr)	100		77 - 118

Lab Sample ID: MB 580-223344/4

Matrix: Water

Analysis Batch: 223344

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			07/28/16 00:09	1
Toluene	ND		2.0		ug/L			07/28/16 00:09	1
Ethylbenzene	ND		3.0		ug/L			07/28/16 00:09	1
Xylenes, Total	ND		3.0		ug/L			07/28/16 00:09	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	104		80 - 141		07/28/16 00:09	1
Toluene-d8 (Surr)	94		82 - 122		07/28/16 00:09	1
1,2-Dichloroethane-d4 (Surr)	90		65 - 143		07/28/16 00:09	1
4-Bromofluorobenzene (Surr)	92		75 - 125		07/28/16 00:09	1
Dibromofluoromethane (Surr)	92		77 - 118		07/28/16 00:09	1

Lab Sample ID: LCS 580-223344/5

Matrix: Water

Analysis Batch: 223344

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	10.6		ug/L		106	80 - 120
Toluene	10.0	9.78		ug/L		98	75 - 120
Ethylbenzene	10.0	9.56		ug/L		95	75 - 119
m-Xylene & p-Xylene	10.0	10.1		ug/L		101	75 - 119
o-Xylene	10.0	9.15		ug/L		91	74 - 120
Xylenes, Total	20.0	19.3		ug/L		96	75 - 119

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Trifluorotoluene (Surr)	101		80 - 141
Toluene-d8 (Surr)	93		82 - 122
1,2-Dichloroethane-d4 (Surr)	85		65 - 143
4-Bromofluorobenzene (Surr)	94		75 - 125
Dibromofluoromethane (Surr)	93		77 - 118

Lab Sample ID: LCSD 580-223344/6

Matrix: Water

Analysis Batch: 223344

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	10.0	11.0		ug/L		109	80 - 120	4	14
Toluene	10.0	9.77		ug/L		98	75 - 120	0	19
Ethylbenzene	10.0	9.82		ug/L		98	75 - 119	3	14

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 580-223344/6

Matrix: Water

Analysis Batch: 223344

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
m-Xylene & p-Xylene	10.0	10.2		ug/L		102	75 - 119	1	14
o-Xylene	10.0	9.45		ug/L		94	74 - 120	3	16
Xylenes, Total	20.0	19.7		ug/L		98	75 - 119	2	15

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Trifluorotoluene (Surr)	101		80 - 141
Toluene-d8 (Surr)	92		82 - 122
1,2-Dichloroethane-d4 (Surr)	89		65 - 143
4-Bromofluorobenzene (Surr)	96		75 - 125
Dibromofluoromethane (Surr)	97		77 - 118

Lab Sample ID: MB 580-223376/5

Matrix: Water

Analysis Batch: 223376

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			07/28/16 11:03	1
Toluene	ND		2.0		ug/L			07/28/16 11:03	1
Ethylbenzene	ND		3.0		ug/L			07/28/16 11:03	1
Xylenes, Total	ND		3.0		ug/L			07/28/16 11:03	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 141		07/28/16 11:03	1
Toluene-d8 (Surr)	93		82 - 122		07/28/16 11:03	1
1,2-Dichloroethane-d4 (Surr)	91		65 - 143		07/28/16 11:03	1
4-Bromofluorobenzene (Surr)	92		75 - 125		07/28/16 11:03	1
Dibromofluoromethane (Surr)	98		77 - 118		07/28/16 11:03	1

Lab Sample ID: LCS 580-223376/6

Matrix: Water

Analysis Batch: 223376

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	10.8		ug/L		108	80 - 120
Toluene	10.0	9.96		ug/L		99	75 - 120
Ethylbenzene	10.0	9.60		ug/L		96	75 - 119
m-Xylene & p-Xylene	10.0	9.78		ug/L		98	75 - 119
o-Xylene	10.0	9.79		ug/L		98	74 - 120
Xylenes, Total	20.0	19.6		ug/L		98	75 - 119

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Trifluorotoluene (Surr)	98		80 - 141
Toluene-d8 (Surr)	91		82 - 122
1,2-Dichloroethane-d4 (Surr)	89		65 - 143
4-Bromofluorobenzene (Surr)	95		75 - 125
Dibromofluoromethane (Surr)	95		77 - 118

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 580-223376/7

Matrix: Water

Analysis Batch: 223376

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	10.0	11.0		ug/L		110	80 - 120	2	14
Toluene	10.0	9.79		ug/L		98	75 - 120	2	19
Ethylbenzene	10.0	9.92		ug/L		99	75 - 119	3	14
m-Xylene & p-Xylene	10.0	10.1		ug/L		101	75 - 119	4	14
o-Xylene	10.0	9.91		ug/L		99	74 - 120	1	16
Xylenes, Total	20.0	20.0		ug/L		100	75 - 119	2	15

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Trifluorotoluene (Surr)	98		80 - 141
Toluene-d8 (Surr)	93		82 - 122
1,2-Dichloroethane-d4 (Surr)	91		65 - 143
4-Bromofluorobenzene (Surr)	97		75 - 125
Dibromofluoromethane (Surr)	94		77 - 118

Lab Sample ID: MB 580-223409/5

Matrix: Water

Analysis Batch: 223409

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			07/28/16 14:42	1
Toluene	ND		2.0		ug/L			07/28/16 14:42	1
Ethylbenzene	ND		3.0		ug/L			07/28/16 14:42	1
Xylenes, Total	ND		3.0		ug/L			07/28/16 14:42	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	94		80 - 141		07/28/16 14:42	1
Toluene-d8 (Surr)	86		82 - 122		07/28/16 14:42	1
1,2-Dichloroethane-d4 (Surr)	98		65 - 143		07/28/16 14:42	1
4-Bromofluorobenzene (Surr)	98		75 - 125		07/28/16 14:42	1
Dibromofluoromethane (Surr)	93		77 - 118		07/28/16 14:42	1

Lab Sample ID: LCS 580-223409/6

Matrix: Water

Analysis Batch: 223409

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	11.0		ug/L		110	80 - 120
Toluene	10.0	9.74		ug/L		97	75 - 120
Ethylbenzene	10.0	10.9		ug/L		109	75 - 119
m-Xylene & p-Xylene	10.0	10.4		ug/L		104	75 - 119
o-Xylene	10.0	10.1		ug/L		101	74 - 120
Xylenes, Total	20.0	20.5		ug/L		102	75 - 119

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Trifluorotoluene (Surr)	92		80 - 141
Toluene-d8 (Surr)	86		82 - 122
1,2-Dichloroethane-d4 (Surr)	98		65 - 143

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 580-223409/6

Matrix: Water

Analysis Batch: 223409

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		75 - 125
Dibromofluoromethane (Surr)	100		77 - 118

Lab Sample ID: LCSD 580-223409/7

Matrix: Water

Analysis Batch: 223409

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	10.0	10.9		ug/L		108	80 - 120	2	14
Toluene	10.0	9.12		ug/L		91	75 - 120	7	19
Ethylbenzene	10.0	10.6		ug/L		106	75 - 119	3	14
m-Xylene & p-Xylene	10.0	10.4		ug/L		104	75 - 119	0	14
o-Xylene	10.0	9.45		ug/L		94	74 - 120	6	16
Xylenes, Total	20.0	19.9		ug/L		99	75 - 119	3	15

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Trifluorotoluene (Surr)	92		80 - 141
Toluene-d8 (Surr)	87		82 - 122
1,2-Dichloroethane-d4 (Surr)	95		65 - 143
4-Bromofluorobenzene (Surr)	101		75 - 125
Dibromofluoromethane (Surr)	94		77 - 118

Lab Sample ID: MB 580-223437/5

Matrix: Water

Analysis Batch: 223437

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			07/29/16 00:31	1
Toluene	ND		2.0		ug/L			07/29/16 00:31	1
Ethylbenzene	ND		3.0		ug/L			07/29/16 00:31	1
Xylenes, Total	ND		3.0		ug/L			07/29/16 00:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	103		80 - 141		07/29/16 00:31	1
Toluene-d8 (Surr)	95		82 - 122		07/29/16 00:31	1
1,2-Dichloroethane-d4 (Surr)	104		65 - 143		07/29/16 00:31	1
4-Bromofluorobenzene (Surr)	94		75 - 125		07/29/16 00:31	1
Dibromofluoromethane (Surr)	102		77 - 118		07/29/16 00:31	1

Lab Sample ID: LCS 580-223437/6

Matrix: Water

Analysis Batch: 223437

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	10.8		ug/L		107	80 - 120
Toluene	10.0	9.83		ug/L		98	75 - 120
Ethylbenzene	10.0	9.64		ug/L		96	75 - 119

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 580-223437/6

Matrix: Water

Analysis Batch: 223437

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
m-Xylene & p-Xylene	10.0	9.58		ug/L		96	75 - 119
o-Xylene	10.0	9.58		ug/L		96	74 - 120
Xylenes, Total	20.0	19.2		ug/L		96	75 - 119

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Trifluorotoluene (Surr)	99		80 - 141
Toluene-d8 (Surr)	94		82 - 122
1,2-Dichloroethane-d4 (Surr)	97		65 - 143
4-Bromofluorobenzene (Surr)	97		75 - 125
Dibromofluoromethane (Surr)	96		77 - 118

Lab Sample ID: LCSD 580-223437/7

Matrix: Water

Analysis Batch: 223437

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	10.0	10.9		ug/L		108	80 - 120	1	14
Toluene	10.0	9.79		ug/L		98	75 - 120	0	19
Ethylbenzene	10.0	9.24		ug/L		92	75 - 119	4	14
m-Xylene & p-Xylene	10.0	9.35		ug/L		93	75 - 119	3	14
o-Xylene	10.0	9.51		ug/L		95	74 - 120	1	16
Xylenes, Total	20.0	18.9		ug/L		94	75 - 119	2	15

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Trifluorotoluene (Surr)	97		80 - 141
Toluene-d8 (Surr)	91		82 - 122
1,2-Dichloroethane-d4 (Surr)	98		65 - 143
4-Bromofluorobenzene (Surr)	96		75 - 125
Dibromofluoromethane (Surr)	99		77 - 118

Lab Sample ID: MB 580-223606/5

Matrix: Water

Analysis Batch: 223606

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			07/31/16 13:40	1
Toluene	ND		2.0		ug/L			07/31/16 13:40	1
Ethylbenzene	ND		3.0		ug/L			07/31/16 13:40	1
Xylenes, Total	ND		3.0		ug/L			07/31/16 13:40	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	107		80 - 141		07/31/16 13:40	1
Toluene-d8 (Surr)	94		82 - 122		07/31/16 13:40	1
1,2-Dichloroethane-d4 (Surr)	104		65 - 143		07/31/16 13:40	1
4-Bromofluorobenzene (Surr)	93		75 - 125		07/31/16 13:40	1
Dibromofluoromethane (Surr)	103		77 - 118		07/31/16 13:40	1

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 580-223606/6

Matrix: Water

Analysis Batch: 223606

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	9.85		ug/L		98	80 - 120
Toluene	10.0	10.4		ug/L		104	75 - 120
Ethylbenzene	10.0	9.09		ug/L		91	75 - 119
m-Xylene & p-Xylene	10.0	8.68		ug/L		87	75 - 119
o-Xylene	10.0	9.07		ug/L		91	74 - 120
Xylenes, Total	20.0	17.8		ug/L		89	75 - 119

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Trifluorotoluene (Surr)	94		80 - 141
Toluene-d8 (Surr)	103		82 - 122
1,2-Dichloroethane-d4 (Surr)	94		65 - 143
4-Bromofluorobenzene (Surr)	90		75 - 125
Dibromofluoromethane (Surr)	94		77 - 118

Lab Sample ID: LCSD 580-223606/7

Matrix: Water

Analysis Batch: 223606

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	10.0	10.1		ug/L		101	80 - 120	3	14
Toluene	10.0	9.80		ug/L		98	75 - 120	6	19
Ethylbenzene	10.0	9.37		ug/L		93	75 - 119	3	14
m-Xylene & p-Xylene	10.0	9.66		ug/L		96	75 - 119	11	14
o-Xylene	10.0	9.62		ug/L		96	74 - 120	6	16
Xylenes, Total	20.0	19.3		ug/L		96	75 - 119	8	15

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Trifluorotoluene (Surr)	93		80 - 141
Toluene-d8 (Surr)	96		82 - 122
1,2-Dichloroethane-d4 (Surr)	96		65 - 143
4-Bromofluorobenzene (Surr)	93		75 - 125
Dibromofluoromethane (Surr)	97		77 - 118

Lab Sample ID: MB 580-223612/5

Matrix: Water

Analysis Batch: 223612

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			07/31/16 16:23	1
Toluene	ND		2.0		ug/L			07/31/16 16:23	1
Ethylbenzene	ND		3.0		ug/L			07/31/16 16:23	1
Xylenes, Total	ND		3.0		ug/L			07/31/16 16:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	96		80 - 141		07/31/16 16:23	1
Toluene-d8 (Surr)	85		82 - 122		07/31/16 16:23	1
1,2-Dichloroethane-d4 (Surr)	95		65 - 143		07/31/16 16:23	1

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 580-223612/5

Matrix: Water

Analysis Batch: 223612

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		75 - 125		07/31/16 16:23	1
Dibromofluoromethane (Surr)	98		77 - 118		07/31/16 16:23	1

Lab Sample ID: LCS 580-223612/6

Matrix: Water

Analysis Batch: 223612

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	11.1		ug/L		111	80 - 120
Toluene	10.0	9.07		ug/L		91	75 - 120
Ethylbenzene	10.0	9.99		ug/L		100	75 - 119
m-Xylene & p-Xylene	10.0	9.40		ug/L		94	75 - 119
o-Xylene	10.0	9.18		ug/L		92	74 - 120
Xylenes, Total	20.0	18.6		ug/L		93	75 - 119

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Trifluorotoluene (Surr)	95		80 - 141
Toluene-d8 (Surr)	83		82 - 122
1,2-Dichloroethane-d4 (Surr)	93		65 - 143
4-Bromofluorobenzene (Surr)	98		75 - 125
Dibromofluoromethane (Surr)	97		77 - 118

Lab Sample ID: LCSD 580-223612/7

Matrix: Water

Analysis Batch: 223612

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	10.0	11.5		ug/L		114	80 - 120	3	14
Toluene	10.0	9.02		ug/L		90	75 - 120	1	19
Ethylbenzene	10.0	10.1		ug/L		100	75 - 119	1	14
m-Xylene & p-Xylene	10.0	10.1		ug/L		100	75 - 119	7	14
o-Xylene	10.0	9.59		ug/L		96	74 - 120	4	16
Xylenes, Total	20.0	19.7		ug/L		98	75 - 119	6	15

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Trifluorotoluene (Surr)	96		80 - 141
Toluene-d8 (Surr)	86		82 - 122
1,2-Dichloroethane-d4 (Surr)	94		65 - 143
4-Bromofluorobenzene (Surr)	99		75 - 125
Dibromofluoromethane (Surr)	96		77 - 118

Lab Sample ID: 580-61203-13 MS

Matrix: Water

Analysis Batch: 223612

Client Sample ID: MW-23_20160720

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND	F1	10.0	12.4	F1	ug/L		124	80 - 120

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 580-61203-13 MS

Matrix: Water

Analysis Batch: 223612

Client Sample ID: MW-23_20160720

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	ND		10.0	10.6		ug/L		106	75 - 120
Ethylbenzene	ND		10.0	11.9		ug/L		106	75 - 119
m-Xylene & p-Xylene	5.0	F1	10.0	13.0		ug/L		80	75 - 119
o-Xylene	ND		10.0	10.7		ug/L		99	74 - 120
Xylenes, Total	5.0		20.0	23.7		ug/L		93	75 - 119

Surrogate	MS %Recovery	MS Qualifier	Limits
Trifluorotoluene (Surr)	93		80 - 141
Toluene-d8 (Surr)	86		82 - 122
1,2-Dichloroethane-d4 (Surr)	85		65 - 143
4-Bromofluorobenzene (Surr)	96		75 - 125
Dibromofluoromethane (Surr)	99		77 - 118

Lab Sample ID: 580-61203-13 MSD

Matrix: Water

Analysis Batch: 223612

Client Sample ID: MW-23_20160720

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND	F1	10.0	12.2	F1	ug/L		122	80 - 120	2	35
Toluene	ND		10.0	10.5		ug/L		105	75 - 120	1	35
Ethylbenzene	ND		10.0	11.8		ug/L		105	75 - 119	1	35
m-Xylene & p-Xylene	5.0	F1	10.0	12.3	F1	ug/L		73	75 - 119	6	35
o-Xylene	ND		10.0	10.6		ug/L		97	74 - 120	2	35
Xylenes, Total	5.0		20.0	22.9		ug/L		89	75 - 119	3	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Trifluorotoluene (Surr)	94		80 - 141
Toluene-d8 (Surr)	88		82 - 122
1,2-Dichloroethane-d4 (Surr)	87		65 - 143
4-Bromofluorobenzene (Surr)	93		75 - 125
Dibromofluoromethane (Surr)	100		77 - 118

Lab Sample ID: 580-61203-31 MS

Matrix: Water

Analysis Batch: 223612

Client Sample ID: MW-43_20160720

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	21		10.0	32.8		ug/L		118	80 - 120
Toluene	16		10.0	25.7		ug/L		98	75 - 120

Surrogate	MS %Recovery	MS Qualifier	Limits
Trifluorotoluene (Surr)	95		80 - 141
Toluene-d8 (Surr)	82		82 - 122
1,2-Dichloroethane-d4 (Surr)	88		65 - 143
4-Bromofluorobenzene (Surr)	95		75 - 125
Dibromofluoromethane (Surr)	97		77 - 118

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 580-61203-31 MSD

Matrix: Water

Analysis Batch: 223612

Client Sample ID: MW-43_20160720

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	21		10.0	32.7		ug/L		117	80 - 120	0	35
Toluene	16		10.0	26.1		ug/L		103	75 - 120	2	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Trifluorotoluene (Surr)	96		80 - 141
Toluene-d8 (Surr)	84		82 - 122
1,2-Dichloroethane-d4 (Surr)	86		65 - 143
4-Bromofluorobenzene (Surr)	93		75 - 125
Dibromofluoromethane (Surr)	98		77 - 118

Lab Sample ID: MB 580-223619/5

Matrix: Water

Analysis Batch: 223619

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			08/01/16 10:12	1
Toluene	ND		2.0		ug/L			08/01/16 10:12	1
Ethylbenzene	ND		3.0		ug/L			08/01/16 10:12	1
Xylenes, Total	ND		3.0		ug/L			08/01/16 10:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	96		80 - 141		08/01/16 10:12	1
Toluene-d8 (Surr)	111		82 - 122		08/01/16 10:12	1
1,2-Dichloroethane-d4 (Surr)	85		65 - 143		08/01/16 10:12	1
4-Bromofluorobenzene (Surr)	80		75 - 125		08/01/16 10:12	1
Dibromofluoromethane (Surr)	92		77 - 118		08/01/16 10:12	1

Lab Sample ID: LCS 580-223619/6

Matrix: Water

Analysis Batch: 223619

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	9.39		ug/L		94	80 - 120
Toluene	10.0	10.3		ug/L		103	75 - 120
Ethylbenzene	10.0	9.39		ug/L		94	75 - 119
m-Xylene & p-Xylene	10.0	9.04		ug/L		90	75 - 119
o-Xylene	10.0	9.10		ug/L		91	74 - 120
Xylenes, Total	20.0	18.1		ug/L		91	75 - 119

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Trifluorotoluene (Surr)	94		80 - 141
Toluene-d8 (Surr)	106		82 - 122
1,2-Dichloroethane-d4 (Surr)	81		65 - 143
4-Bromofluorobenzene (Surr)	86		75 - 125
Dibromofluoromethane (Surr)	91		77 - 118

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 580-223619/7

Matrix: Water

Analysis Batch: 223619

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	10.0	9.76		ug/L		97	80 - 120	4	14
Toluene	10.0	10.8		ug/L		108	75 - 120	5	19
Ethylbenzene	10.0	9.67		ug/L		96	75 - 119	3	14
m-Xylene & p-Xylene	10.0	9.69		ug/L		97	75 - 119	7	14
o-Xylene	10.0	9.58		ug/L		96	74 - 120	5	16
Xylenes, Total	20.0	19.3		ug/L		96	75 - 119	6	15

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Trifluorotoluene (Surr)	92		80 - 141
Toluene-d8 (Surr)	107		82 - 122
1,2-Dichloroethane-d4 (Surr)	77		65 - 143
4-Bromofluorobenzene (Surr)	83		75 - 125
Dibromofluoromethane (Surr)	90		77 - 118

Lab Sample ID: 580-61203-41 MS

Matrix: Water

Analysis Batch: 223619

Client Sample ID: MW-52_20160720

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	220	E	10.0	216	E 4	ug/L		-85	80 - 120
Toluene	15		10.0	25.6		ug/L		109	75 - 120
Ethylbenzene	310	E	10.0	295	E 4	ug/L		-161	75 - 119
m-Xylene & p-Xylene	53		10.0	41.0	4	ug/L		-124	75 - 119
o-Xylene	7.4	F1	10.0	13.3	F1	ug/L		59	74 - 120
Xylenes, Total	60	F1	20.0	54.3	F1	ug/L		-30	75 - 119

Surrogate	MS %Recovery	MS Qualifier	Limits
Trifluorotoluene (Surr)	95		80 - 141
Toluene-d8 (Surr)	109		82 - 122
1,2-Dichloroethane-d4 (Surr)	74		65 - 143
4-Bromofluorobenzene (Surr)	88		75 - 125
Dibromofluoromethane (Surr)	86		77 - 118

Lab Sample ID: 580-61203-41 MS

Matrix: Water

Analysis Batch: 223619

Client Sample ID: MW-52_20160720

Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
Trifluorotoluene (Surr)	94		80 - 141
Toluene-d8 (Surr)	106		82 - 122
1,2-Dichloroethane-d4 (Surr)	75		65 - 143
4-Bromofluorobenzene (Surr)	87		75 - 125
Dibromofluoromethane (Surr)	86		77 - 118

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 580-61203-41 MSD

Matrix: Water

Analysis Batch: 223619

Client Sample ID: MW-52_20160720

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	220	E	10.0	213	E 4	ug/L		-114	80 - 120	1	35
Toluene	15		10.0	25.6		ug/L		110	75 - 120	0	35
Ethylbenzene	310	E	10.0	289	E 4	ug/L		-222	75 - 119	2	35
m-Xylene & p-Xylene	53		10.0	39.2	4	ug/L		-142	75 - 119	4	35
o-Xylene	7.4	F1	10.0	12.9	F1	ug/L		56	74 - 120	3	35
Xylenes, Total	60	F1	20.0	52.1	F1	ug/L		-41	75 - 119	4	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Trifluorotoluene (Surr)	93		80 - 141
Toluene-d8 (Surr)	109		82 - 122
1,2-Dichloroethane-d4 (Surr)	75		65 - 143
4-Bromofluorobenzene (Surr)	89		75 - 125
Dibromofluoromethane (Surr)	86		77 - 118

Lab Sample ID: 580-61203-41 MSD

Matrix: Water

Analysis Batch: 223619

Client Sample ID: MW-52_20160720

Prep Type: Total/NA

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Trifluorotoluene (Surr)	94		80 - 141
Toluene-d8 (Surr)	106		82 - 122
1,2-Dichloroethane-d4 (Surr)	73		65 - 143
4-Bromofluorobenzene (Surr)	83		75 - 125
Dibromofluoromethane (Surr)	88		77 - 118

Lab Sample ID: 580-61203-48 MS

Matrix: Water

Analysis Batch: 223619

Client Sample ID: MW-57_20160720

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	22	F1	10.0	29.5	F1	ug/L		77	80 - 120
Toluene	ND		10.0	12.8		ug/L		113	75 - 120
Ethylbenzene	5.7	F1	10.0	13.4		ug/L		77	75 - 119
m-Xylene & p-Xylene	4.0		10.0	15.0		ug/L		110	75 - 119
o-Xylene	ND		10.0	10.8		ug/L		107	74 - 120
Xylenes, Total	4.0		20.0	25.8		ug/L		109	75 - 119

Surrogate	MS %Recovery	MS Qualifier	Limits
Trifluorotoluene (Surr)	93		80 - 141
Toluene-d8 (Surr)	108		82 - 122
1,2-Dichloroethane-d4 (Surr)	73		65 - 143
4-Bromofluorobenzene (Surr)	84		75 - 125
Dibromofluoromethane (Surr)	86		77 - 118

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 580-61203-48 MSD

Matrix: Water

Analysis Batch: 223619

Client Sample ID: MW-57_20160720

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	22	F1	10.0	29.3	F1	ug/L		75	80 - 120	1	35
Toluene	ND		10.0	12.9		ug/L		114	75 - 120	1	35
Ethylbenzene	5.7	F1	10.0	12.8	F1	ug/L		71	75 - 119	5	35
m-Xylene & p-Xylene	4.0		10.0	14.3		ug/L		103	75 - 119	5	35
o-Xylene	ND		10.0	10.6		ug/L		106	74 - 120	2	35
Xylenes, Total	4.0		20.0	24.9		ug/L		104	75 - 119	4	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Trifluorotoluene (Surr)	93		80 - 141
Toluene-d8 (Surr)	106		82 - 122
1,2-Dichloroethane-d4 (Surr)	72		65 - 143
4-Bromofluorobenzene (Surr)	84		75 - 125
Dibromofluoromethane (Surr)	87		77 - 118

Lab Sample ID: MB 580-223625/5

Matrix: Water

Analysis Batch: 223625

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			08/01/16 13:21	1
Toluene	ND		2.0		ug/L			08/01/16 13:21	1
Ethylbenzene	ND		3.0		ug/L			08/01/16 13:21	1
Xylenes, Total	ND		3.0		ug/L			08/01/16 13:21	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	95		80 - 141		08/01/16 13:21	1
Toluene-d8 (Surr)	85		82 - 122		08/01/16 13:21	1
1,2-Dichloroethane-d4 (Surr)	88		65 - 143		08/01/16 13:21	1
4-Bromofluorobenzene (Surr)	98		75 - 125		08/01/16 13:21	1
Dibromofluoromethane (Surr)	99		77 - 118		08/01/16 13:21	1

Lab Sample ID: LCS 580-223625/6

Matrix: Water

Analysis Batch: 223625

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	11.8		ug/L		118	80 - 120
Toluene	10.0	8.87		ug/L		89	75 - 120
Ethylbenzene	10.0	9.85		ug/L		98	75 - 119
m-Xylene & p-Xylene	10.0	9.61		ug/L		96	75 - 119
o-Xylene	10.0	8.97		ug/L		90	74 - 120
Xylenes, Total	20.0	18.6		ug/L		93	75 - 119

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Trifluorotoluene (Surr)	99		80 - 141
Toluene-d8 (Surr)	83		82 - 122
1,2-Dichloroethane-d4 (Surr)	92		65 - 143

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 580-223625/6

Matrix: Water

Analysis Batch: 223625

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		75 - 125
Dibromofluoromethane (Surr)	97		77 - 118

Lab Sample ID: LCSD 580-223625/7

Matrix: Water

Analysis Batch: 223625

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	10.0	11.6		ug/L		116	80 - 120	2	14
Toluene	10.0	9.25		ug/L		92	75 - 120	4	19
Ethylbenzene	10.0	10.1		ug/L		100	75 - 119	2	14
m-Xylene & p-Xylene	10.0	10.3		ug/L		102	75 - 119	6	14
o-Xylene	10.0	9.47		ug/L		95	74 - 120	5	16
Xylenes, Total	20.0	19.8		ug/L		99	75 - 119	6	15

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Trifluorotoluene (Surr)	93		80 - 141
Toluene-d8 (Surr)	86		82 - 122
1,2-Dichloroethane-d4 (Surr)	94		65 - 143
4-Bromofluorobenzene (Surr)	97		75 - 125
Dibromofluoromethane (Surr)	100		77 - 118

Lab Sample ID: MB 580-224099/4

Matrix: Water

Analysis Batch: 224099

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			08/04/16 23:55	1
Toluene	ND		2.0		ug/L			08/04/16 23:55	1
Ethylbenzene	ND		3.0		ug/L			08/04/16 23:55	1
Xylenes, Total	ND		3.0		ug/L			08/04/16 23:55	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 141		08/04/16 23:55	1
Toluene-d8 (Surr)	103		82 - 122		08/04/16 23:55	1
1,2-Dichloroethane-d4 (Surr)	105		65 - 143		08/04/16 23:55	1
4-Bromofluorobenzene (Surr)	96		75 - 125		08/04/16 23:55	1
Dibromofluoromethane (Surr)	100		77 - 118		08/04/16 23:55	1

Lab Sample ID: LCS 580-224099/5

Matrix: Water

Analysis Batch: 224099

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	10.3		ug/L		102	80 - 120
Toluene	10.0	10.6		ug/L		106	75 - 120
Ethylbenzene	10.0	10.1		ug/L		101	75 - 119

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 580-224099/5

Matrix: Water

Analysis Batch: 224099

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
m-Xylene & p-Xylene	10.0	10.1		ug/L		101	75 - 119
o-Xylene	10.0	10.3		ug/L		102	74 - 120
Xylenes, Total	20.0	20.4		ug/L		102	75 - 119

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Trifluorotoluene (Surr)	100		80 - 141
Toluene-d8 (Surr)	104		82 - 122
1,2-Dichloroethane-d4 (Surr)	96		65 - 143
4-Bromofluorobenzene (Surr)	97		75 - 125
Dibromofluoromethane (Surr)	98		77 - 118

Lab Sample ID: LCSD 580-224099/6

Matrix: Water

Analysis Batch: 224099

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	10.0	10.2		ug/L		101	80 - 120	1	14
Toluene	10.0	10.3		ug/L		103	75 - 120	3	19
Ethylbenzene	10.0	9.87		ug/L		98	75 - 119	2	14
m-Xylene & p-Xylene	10.0	9.99		ug/L		100	75 - 119	1	14
o-Xylene	10.0	10.2		ug/L		102	74 - 120	1	16
Xylenes, Total	20.0	20.2		ug/L		101	75 - 119	1	15

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Trifluorotoluene (Surr)	100		80 - 141
Toluene-d8 (Surr)	101		82 - 122
1,2-Dichloroethane-d4 (Surr)	100		65 - 143
4-Bromofluorobenzene (Surr)	99		75 - 125
Dibromofluoromethane (Surr)	99		77 - 118

Lab Sample ID: MB 580-224155/4

Matrix: Water

Analysis Batch: 224155

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			08/05/16 18:18	1
Toluene	ND		2.0		ug/L			08/05/16 18:18	1
Ethylbenzene	ND		3.0		ug/L			08/05/16 18:18	1
Xylenes, Total	ND		3.0		ug/L			08/05/16 18:18	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 141		08/05/16 18:18	1
Toluene-d8 (Surr)	83		82 - 122		08/05/16 18:18	1
1,2-Dichloroethane-d4 (Surr)	102		65 - 143		08/05/16 18:18	1
4-Bromofluorobenzene (Surr)	100		75 - 125		08/05/16 18:18	1
Dibromofluoromethane (Surr)	113		77 - 118		08/05/16 18:18	1

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 580-224155/5

Matrix: Water

Analysis Batch: 224155

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	11.2		ug/L		112	80 - 120
Toluene	10.0	8.67		ug/L		87	75 - 120
Ethylbenzene	10.0	9.99		ug/L		99	75 - 119
m-Xylene & p-Xylene	10.0	10.0		ug/L		100	75 - 119
o-Xylene	10.0	9.09		ug/L		91	74 - 120
Xylenes, Total	20.0	19.1		ug/L		95	75 - 119

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Trifluorotoluene (Surr)	104		80 - 141
Toluene-d8 (Surr)	82		82 - 122
1,2-Dichloroethane-d4 (Surr)	99		65 - 143
4-Bromofluorobenzene (Surr)	99		75 - 125
Dibromofluoromethane (Surr)	110		77 - 118

Lab Sample ID: LCSD 580-224155/6

Matrix: Water

Analysis Batch: 224155

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	10.0	11.6		ug/L		115	80 - 120	3	14
Toluene	10.0	8.76		ug/L		87	75 - 120	1	19
Ethylbenzene	10.0	10.1		ug/L		101	75 - 119	2	14
m-Xylene & p-Xylene	10.0	9.88		ug/L		99	75 - 119	2	14
o-Xylene	10.0	9.23		ug/L		92	74 - 120	1	16
Xylenes, Total	20.0	19.1		ug/L		95	75 - 119	0	15

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Trifluorotoluene (Surr)	102		80 - 141
Toluene-d8 (Surr)	82		82 - 122
1,2-Dichloroethane-d4 (Surr)	101		65 - 143
4-Bromofluorobenzene (Surr)	97		75 - 125
Dibromofluoromethane (Surr)	109		77 - 118

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Lab Sample ID: 580-61203-31 MS

Matrix: Water

Analysis Batch: 223625

Client Sample ID: MW-43_20160720

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene - DL	540	F1	502	1150	F1	ug/L		121	75 - 119
m-Xylene & p-Xylene - DL	2200		501	2760	4	ug/L		116	75 - 119
o-Xylene - DL	390		501	947		ug/L		110	74 - 120
Xylenes, Total - DL	2600		1000	3710		ug/L		111	75 - 119

Surrogate	MS %Recovery	MS Qualifier	Limits
Trifluorotoluene (Surr) - DL	100		80 - 141

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Method: 8260C - Volatile Organic Compounds by GC/MS - DL (Continued)

Lab Sample ID: 580-61203-31 MS

Matrix: Water

Analysis Batch: 223625

Client Sample ID: MW-43_20160720

Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
Toluene-d8 (Surr) - DL	84		82 - 122
1,2-Dichloroethane-d4 (Surr) - DL	93		65 - 143
4-Bromofluorobenzene (Surr) - DL	101		75 - 125
Dibromofluoromethane (Surr) - DL	97		77 - 118

Lab Sample ID: 580-61203-31 MSD

Matrix: Water

Analysis Batch: 223625

Client Sample ID: MW-43_20160720

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ethylbenzene - DL	540	F1	502	1080		ug/L		108	75 - 119	6	35
m-Xylene & p-Xylene - DL	2200		501	2680	4	ug/L		99	75 - 119	3	35
o-Xylene - DL	390		501	883		ug/L		98	74 - 120	7	35
Xylenes, Total - DL	2600		1000	3560		ug/L		97	75 - 119	4	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Trifluorotoluene (Surr) - DL	97		80 - 141
Toluene-d8 (Surr) - DL	82		82 - 122
1,2-Dichloroethane-d4 (Surr) - DL	91		65 - 143
4-Bromofluorobenzene (Surr) - DL	103		75 - 125
Dibromofluoromethane (Surr) - DL	96		77 - 118

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

Lab Sample ID: MB 580-223227/5

Matrix: Water

Analysis Batch: 223227

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			07/27/16 04:31	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		50 - 150					07/27/16 04:31	1
Trifluorotoluene (Surr)	104		50 - 150					07/27/16 04:31	1

Lab Sample ID: LCS 580-223227/6

Matrix: Water

Analysis Batch: 223227

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline	1170	1100		ug/L		95	79 - 110

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

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

Lab Sample ID: LCS 580-223227/6

Matrix: Water

Analysis Batch: 223227

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		50 - 150
Trifluorotoluene (Surr)	104		50 - 150

Lab Sample ID: LCSD 580-223227/7

Matrix: Water

Analysis Batch: 223227

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline	1170	1130		ug/L		97	79 - 110	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		50 - 150
Trifluorotoluene (Surr)	105		50 - 150

Lab Sample ID: 580-61203-13 MS

Matrix: Water

Analysis Batch: 223227

Client Sample ID: MW-23_20160720

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline	1400		1170	2420		ug/L		85	50 - 150		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	155	X	50 - 150
Trifluorotoluene (Surr)	98		50 - 150

Lab Sample ID: 580-61203-13 MSD

Matrix: Water

Analysis Batch: 223227

Client Sample ID: MW-23_20160720

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline	1400		1170	2200		ug/L		66	50 - 150	10	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	148		50 - 150
Trifluorotoluene (Surr)	97		50 - 150

Lab Sample ID: MB 580-223352/5

Matrix: Water

Analysis Batch: 223352

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			07/28/16 00:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		50 - 150		07/28/16 00:29	1
Trifluorotoluene (Surr)	110		50 - 150		07/28/16 00:29	1

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

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

Lab Sample ID: LCS 580-223352/6

Matrix: Water

Analysis Batch: 223352

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline	1170	1130		ug/L		97	79 - 110

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		50 - 150
Trifluorotoluene (Surr)	109		50 - 150

Lab Sample ID: LCSD 580-223352/7

Matrix: Water

Analysis Batch: 223352

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline	1170	1140		ug/L		98	79 - 110	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		50 - 150
Trifluorotoluene (Surr)	114		50 - 150

Lab Sample ID: MB 580-223492/5

Matrix: Water

Analysis Batch: 223492

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			07/28/16 23:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		50 - 150		07/28/16 23:44	1
Trifluorotoluene (Surr)	110		50 - 150		07/28/16 23:44	1

Lab Sample ID: LCS 580-223492/6

Matrix: Water

Analysis Batch: 223492

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline	1170	1120		ug/L		96	79 - 110

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		50 - 150
Trifluorotoluene (Surr)	108		50 - 150

Lab Sample ID: LCSD 580-223492/7

Matrix: Water

Analysis Batch: 223492

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline	1170	1120		ug/L		96	79 - 110	0	20

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

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

Lab Sample ID: LCSD 580-223492/7

Matrix: Water

Analysis Batch: 223492

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		50 - 150
Trifluorotoluene (Surr)	108		50 - 150

Lab Sample ID: 580-61203-31 MS

Matrix: Water

Analysis Batch: 223492

Client Sample ID: MW-43_20160720

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline	34000		58300	91800		ug/L		99	50 - 150
Surrogate	MS	MS							
	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	108		50 - 150						
Trifluorotoluene (Surr)	110		50 - 150						

Lab Sample ID: 580-61203-31 MSD

Matrix: Water

Analysis Batch: 223492

Client Sample ID: MW-43_20160720

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline	34000		58300	91700		ug/L		99	50 - 150	0	35
Surrogate	MSD	MSD									
	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	109		50 - 150								
Trifluorotoluene (Surr)	106		50 - 150								

Lab Sample ID: MB 580-223678/6

Matrix: Water

Analysis Batch: 223678

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			08/01/16 13:58	1
Surrogate	MB	MB					Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene (Surr)	98		50 - 150					08/01/16 13:58	1
Trifluorotoluene (Surr)	130		50 - 150					08/01/16 13:58	1

Lab Sample ID: LCS 580-223678/7

Matrix: Water

Analysis Batch: 223678

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline	1170	1090		ug/L		93	79 - 110
Surrogate	LCS	LCS					
	%Recovery	Qualifier	Limits				
4-Bromofluorobenzene (Surr)	101		50 - 150				
Trifluorotoluene (Surr)	102		50 - 150				

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

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

Lab Sample ID: LCSD 580-223678/8

Matrix: Water

Analysis Batch: 223678

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline	1170	1130		ug/L		97	79 - 110	4	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	104		50 - 150						
Trifluorotoluene (Surr)	109		50 - 150						

Lab Sample ID: MB 580-223748/5

Matrix: Water

Analysis Batch: 223748

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			08/02/16 09:57	1
Surrogate	%Recovery	MB Qualifier	Limits						
4-Bromofluorobenzene (Surr)	100		50 - 150						
Trifluorotoluene (Surr)	109		50 - 150						

Lab Sample ID: LCS 580-223748/6

Matrix: Water

Analysis Batch: 223748

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

			Spike	LCS	LCS				%Rec.		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline			1170	1150		ug/L	-	98	79 - 110		
Surrogate	LCS	LCS									
	%Recovery	Qualifier	Limits								
	4-Bromofluorobenzene (Surr)	102	50 - 150								
	Trifluorotoluene (Surr)	108	50 - 150								

Lab Sample ID: LCSD 580-223748/7

Matrix: Water

Analysis Batch: 223748

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline	1170	1150		ug/L		99	79 - 110	1	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	106		50 - 150						
Trifluorotoluene (Surr)	106		50 - 150						

Lab Sample ID: 580-61203-41 MS

Matrix: Water

Analysis Batch: 223748

Client Sample ID: MW-52_20160720

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline	12000		11700	22400		ug/L		93	50 - 150		

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

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

Lab Sample ID: 580-61203-41 MS

Matrix: Water

Analysis Batch: 223748

Client Sample ID: MW-52_20160720

Prep Type: Total/NA

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	141		50 - 150
Trifluorotoluene (Surr)	106		50 - 150

Lab Sample ID: 580-61203-41 MSD

Matrix: Water

Analysis Batch: 223748

Client Sample ID: MW-52_20160720

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline	12000		11700	22500		ug/L		94	50 - 150	0	35
Surrogate	MSD	MSD									
	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	139		50 - 150								
Trifluorotoluene (Surr)	103		50 - 150								

Lab Sample ID: 580-61203-48 MS

Matrix: Water

Analysis Batch: 223748

Client Sample ID: MW-57_20160720

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline	260		1170	1330		ug/L		92	50 - 150		
Surrogate	MS	MS									
	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	116		50 - 150								
Trifluorotoluene (Surr)	101		50 - 150								

Lab Sample ID: 580-61203-48 MSD

Matrix: Water

Analysis Batch: 223748

Client Sample ID: MW-57_20160720

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline	260		1170	1310		ug/L		90	50 - 150	2	35
Surrogate	MSD	MSD									
	%Recovery	Qualifier	Limits								
4-Bromofluorobenzene (Surr)	115		50 - 150								
Trifluorotoluene (Surr)	100		50 - 150								

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup

Lab Sample ID: MB 580-223266/1-B

Matrix: Water

Analysis Batch: 223331

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 223266

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		07/27/16 09:51	07/27/16 16:59	1
Motor Oil (>C24-C36)	ND		250		ug/L		07/27/16 09:51	07/27/16 16:59	1

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup (Continued)

Lab Sample ID: MB 580-223266/1-B

Matrix: Water

Analysis Batch: 223331

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 223266

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	86		50 - 150	07/27/16 09:51	07/27/16 16:59	1

Lab Sample ID: LCS 580-223266/2-B

Matrix: Water

Analysis Batch: 223331

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 223266

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
#2 Diesel (C10-C24)	2010	1670		ug/L		83	59 - 120
Motor Oil (>C24-C36)	2010	1810		ug/L		90	53 - 129
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
o-Terphenyl	80		50 - 150				

Lab Sample ID: LCSD 580-223266/3-B

Matrix: Water

Analysis Batch: 223331

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 223266

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
#2 Diesel (C10-C24)	2010	1600		ug/L		80	59 - 120	4	27
Motor Oil (>C24-C36)	2010	1730		ug/L		86	53 - 129	5	19
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
o-Terphenyl	80		50 - 150						

Lab Sample ID: MB 580-223434/1-B

Matrix: Water

Analysis Batch: 223577

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 223434

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		07/28/16 14:12	08/02/16 01:38	1
Motor Oil (>C24-C36)	ND		250		ug/L		07/28/16 14:12	08/02/16 01:38	1
Surrogate	MB %Recovery	MB Qualifier	Limits						
o-Terphenyl	69		50 - 150						

Lab Sample ID: LCS 580-223434/2-B

Matrix: Water

Analysis Batch: 223577

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 223434

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
#2 Diesel (C10-C24)	2010	1550		ug/L		77	59 - 120
Motor Oil (>C24-C36)	2010	1800		ug/L		89	53 - 129
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
o-Terphenyl	74		50 - 150				

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Method: NWTPH-Dx - Semi-Volatile Petroleum Products by NWTPH with Silica Gel Cleanup (Continued)

Lab Sample ID: LCSD 580-223434/3-B

Matrix: Water

Analysis Batch: 223577

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 223434

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
#2 Diesel (C10-C24)	2010	1720		ug/L		85	59 - 120	10	27
Motor Oil (>C24-C36)	2010	2010		ug/L		100	53 - 129	11	19
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
o-Terphenyl	78		50 - 150						

Lab Sample ID: 580-61203-13 MS

Matrix: Water

Analysis Batch: 223577

Client Sample ID: MW-23_20160720

Prep Type: Total/NA

Prep Batch: 223434

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
#2 Diesel (C10-C24)	2800	F1 F2	2010	2610	F1	ug/L		-8	59 - 120		
Motor Oil (>C24-C36)	330	F1 F2	2010	1400	F1	ug/L		53	63 - 129		
Surrogate	MS %Recovery	MS Qualifier	Limits								
o-Terphenyl	52		50 - 150								

Lab Sample ID: 580-61203-13 MSD

Matrix: Water

Analysis Batch: 223577

Client Sample ID: MW-23_20160720

Prep Type: Total/NA

Prep Batch: 223434

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
#2 Diesel (C10-C24)	2800	F1 F2	2030	4070	F2	ug/L		63	59 - 120	44	27
Motor Oil (>C24-C36)	330	F1 F2	2030	2010	F2	ug/L		83	63 - 129	35	19
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
o-Terphenyl	75		50 - 150								

Lab Sample ID: MB 580-223517/1-B

Matrix: Water

Analysis Batch: 223712

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 223517

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		07/29/16 10:41	08/01/16 22:58	1
Motor Oil (>C24-C36)	ND		250		ug/L		07/29/16 10:41	08/01/16 22:58	1
Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac			
o-Terphenyl	76		50 - 150	07/29/16 10:41	08/01/16 22:58	1			

Lab Sample ID: LCS 580-223517/2-B

Matrix: Water

Analysis Batch: 223712

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 223517

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
#2 Diesel (C10-C24)	2010	1340		ug/L		67	59 - 120		
Motor Oil (>C24-C36)	2010	1560		ug/L		78	53 - 129		

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
o-Terphenyl	70		50 - 150

Lab Sample ID: LCSD 580-223517/3-B

Matrix: Water

Analysis Batch: 223986

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 223517

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
#2 Diesel (C10-C24)			2010	1030	*	ug/L		51	59 - 120	26	27
Motor Oil (>C24-C36)			2010	1240	*	ug/L		62	53 - 129	23	19

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
o-Terphenyl	79		50 - 150

Lab Sample ID: 580-61203-31 MS

Matrix: Water

Analysis Batch: 223712

Client Sample ID: MW-43_20160720

Prep Type: Total/NA

Prep Batch: 223517

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
#2 Diesel (C10-C24)	3900	F1 *	2020	5350		ug/L		72	59 - 120		
Motor Oil (>C24-C36)	ND	*	2020	1920		ug/L		89	63 - 129		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
o-Terphenyl	82		50 - 150

Lab Sample ID: 580-61203-31 MSD

Matrix: Water

Analysis Batch: 223712

Client Sample ID: MW-43_20160720

Prep Type: Total/NA

Prep Batch: 223517

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
#2 Diesel (C10-C24)	3900	F1 *	2030	4890	F1	ug/L		48	59 - 120	9	27
Motor Oil (>C24-C36)	ND	*	2030	1720		ug/L		79	63 - 129	11	19

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
o-Terphenyl	71		50 - 150

Lab Sample ID: 580-61203-41 MS

Matrix: Water

Analysis Batch: 223712

Client Sample ID: MW-52_20160720

Prep Type: Total/NA

Prep Batch: 223517

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
#2 Diesel (C10-C24)	3100	*	2000	5220		ug/L		108	59 - 120		
Motor Oil (>C24-C36)	ND	*	2000	2000		ug/L		97	63 - 129		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
o-Terphenyl	79		50 - 150

Lab Sample ID: 580-61203-41 MSD

Matrix: Water

Analysis Batch: 223712

Client Sample ID: MW-52_20160720

Prep Type: Total/NA

Prep Batch: 223517

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
#2 Diesel (C10-C24)	3100	*	2020	4470		ug/L		69	59 - 120	16	27
Motor Oil (>C24-C36)	ND	*	2020	1830		ug/L		87	63 - 129	9	19

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
o-Terphenyl	74		50 - 150

Lab Sample ID: MB 580-223736/1-B

Matrix: Water

Analysis Batch: 223833

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 223736

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
#2 Diesel (C10-C24)	ND		110		ug/L		08/01/16 17:28	08/02/16 16:32	1
Motor Oil (>C24-C36)	ND		250		ug/L		08/01/16 17:28	08/02/16 16:32	1

	MB	MB	
Surrogate	%Recovery	Qualifier	Limits
o-Terphenyl	74		50 - 150

Prepared

Analyzed

Dil Fac

Lab Sample ID: LCS 580-223736/2-B

Matrix: Water

Analysis Batch: 223833

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 223736

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.
	Added	Result	Qualifier				Limits
#2 Diesel (C10-C24)	2010	1640		ug/L		81	59 - 120
Motor Oil (>C24-C36)	2010	2020		ug/L		100	53 - 129

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
o-Terphenyl	81		50 - 150

Lab Sample ID: LCSD 580-223736/3-B

Matrix: Water

Analysis Batch: 223833

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 223736

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec.	RPD
	Added	Result	Qualifier				Limits	Limit
#2 Diesel (C10-C24)	2010	1550		ug/L		77	59 - 120	5
Motor Oil (>C24-C36)	2010	1980		ug/L		98	53 - 129	2

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
o-Terphenyl	80		50 - 150

Lab Sample ID: 580-61203-48 MS

Matrix: Water

Analysis Batch: 223833

Client Sample ID: MW-57_20160720

Prep Type: Total/NA

Prep Batch: 223736

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				Limits
#2 Diesel (C10-C24)	ND		2030	1510		ug/L		70	59 - 120
Motor Oil (>C24-C36)	ND		2030	1860		ug/L		92	63 - 129

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
o-Terphenyl	81		50 - 150

Lab Sample ID: 580-61203-48 MSD

Matrix: Water

Analysis Batch: 223833

Client Sample ID: MW-57_20160720

Prep Type: Total/NA

Prep Batch: 223736

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits	Limit
#2 Diesel (C10-C24)	ND		2020	1520		ug/L		70	59 - 120	1
Motor Oil (>C24-C36)	ND		2020	1790		ug/L		89	63 - 129	4

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

<i>Surrogate</i>	<i>MSD</i> <i>%Recovery</i>	<i>MSD</i> <i>Qualifier</i>	<i>Limits</i>
<i>o-Terphenyl</i>	70		50 - 150

1

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Lab Chronicle

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: C_20160720

Date Collected: 07/20/16 14:45

Date Received: 07/21/16 13:40

Lab Sample ID: 580-61203-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	223612	07/31/16 19:03	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	223352	07/28/16 04:47	JW1L	TAL SEA
Total/NA	Prep	3510C			223266	07/27/16 09:51	JCV	TAL SEA
Total/NA	Cleanup	3630C			223314	07/27/16 13:59	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	223331	07/27/16 22:47	KZ1	TAL SEA

Client Sample ID: MW-1_20160720

Date Collected: 07/20/16 11:40

Date Received: 07/21/16 13:40

Lab Sample ID: 580-61203-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	223612	07/31/16 19:30	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	223227	07/27/16 08:52	JW1L	TAL SEA
Total/NA	Prep	3510C			223266	07/27/16 09:51	JCV	TAL SEA
Total/NA	Cleanup	3630C			223314	07/27/16 13:59	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	223331	07/27/16 23:10	KZ1	TAL SEA

Client Sample ID: MW-2_20160720

Date Collected: 07/20/16 11:20

Date Received: 07/21/16 13:40

Lab Sample ID: 580-61203-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	223409	07/28/16 16:28	TL1	TAL SEA
Total/NA	Analysis	8260C	RADL	50	223625	08/01/16 20:24	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	223227	07/27/16 09:24	JW1L	TAL SEA
Total/NA	Prep	3510C			223266	07/27/16 09:51	JCV	TAL SEA
Total/NA	Cleanup	3630C			223314	07/27/16 13:59	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	223331	07/27/16 23:33	KZ1	TAL SEA

Client Sample ID: MW-12_20160720

Date Collected: 07/20/16 14:20

Date Received: 07/21/16 13:40

Lab Sample ID: 580-61203-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	223612	07/31/16 19:56	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	223227	07/27/16 09:56	JW1L	TAL SEA
Total/NA	Prep	3510C			223266	07/27/16 09:51	JCV	TAL SEA
Total/NA	Cleanup	3630C			223314	07/27/16 13:59	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	223331	07/27/16 23:56	KZ1	TAL SEA

TestAmerica Seattle

Lab Chronicle

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-14_20160720

Lab Sample ID: 580-61203-5

Date Collected: 07/20/16 13:55

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	223612	07/31/16 20:23	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	223227	07/27/16 10:29	JW1L	TAL SEA
Total/NA	Prep	3510C			223266	07/27/16 09:51	JCV	TAL SEA
Total/NA	Cleanup	3630C			223314	07/27/16 13:59	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	223331	07/28/16 00:19	KZ1	TAL SEA

Client Sample ID: MW-18_20160719

Lab Sample ID: 580-61203-6

Date Collected: 07/19/16 14:35

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		100	223437	07/29/16 02:26	D1R	TAL SEA
Total/NA	Analysis	NWTPH-Gx		25	223492	07/29/16 05:38	JW1L	TAL SEA
Total/NA	Prep	3510C			223266	07/27/16 09:51	JCV	TAL SEA
Total/NA	Cleanup	3630C			223314	07/27/16 13:59	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	223331	07/28/16 00:42	KZ1	TAL SEA

Client Sample ID: MW-19_20160719

Lab Sample ID: 580-61203-7

Date Collected: 07/19/16 09:15

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	223235	07/27/16 15:31	CJ	TAL SEA
Total/NA	Analysis	8260C	DL	100	223437	07/29/16 02:55	D1R	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	223227	07/27/16 12:05	JW1L	TAL SEA
Total/NA	Prep	3510C			223266	07/27/16 09:51	JCV	TAL SEA
Total/NA	Cleanup	3630C			223314	07/27/16 13:59	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	223331	07/28/16 01:28	KZ1	TAL SEA

Client Sample ID: MW-20_20160720

Lab Sample ID: 580-61203-8

Date Collected: 07/20/16 10:00

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	223409	07/28/16 20:53	TL1	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	223492	07/29/16 04:33	JW1L	TAL SEA
Total/NA	Prep	3510C			223266	07/27/16 09:51	JCV	TAL SEA
Total/NA	Cleanup	3630C			223314	07/27/16 13:59	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	223331	07/28/16 01:51	KZ1	TAL SEA

TestAmerica Seattle

Lab Chronicle

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: Dup-1_20160720

Lab Sample ID: 580-61203-9

Date Collected: 07/20/16 06:00

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	223344	07/28/16 06:26	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	223227	07/27/16 13:10	JW1L	TAL SEA
Total/NA	Prep	3510C			223266	07/27/16 09:51	JCV	TAL SEA
Total/NA	Cleanup	3630C			223314	07/27/16 13:59	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	223331	07/28/16 02:14	KZ1	TAL SEA

Client Sample ID: Trip Blank-1_

Lab Sample ID: 580-61203-10

Date Collected: 07/20/16 00:01

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	223376	07/28/16 12:30	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	223352	07/28/16 02:39	JW1L	TAL SEA

Client Sample ID: MW-21_20160720

Lab Sample ID: 580-61203-11

Date Collected: 07/20/16 10:50

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	DL	100	223606	07/31/16 23:47	TL1	TAL SEA
Total/NA	Analysis	8260C		1	223409	07/28/16 16:55	TL1	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	223227	07/27/16 13:42	JW1L	TAL SEA
Total/NA	Prep	3510C			223434	07/28/16 14:12	JCV	TAL SEA
Total/NA	Cleanup	3630C			223504	07/29/16 09:19	JDR	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	223577	08/02/16 02:45	KZ1	TAL SEA

Client Sample ID: MW-22_20160720

Lab Sample ID: 580-61203-12

Date Collected: 07/20/16 14:30

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	DL	100	223612	07/31/16 18:10	W1T	TAL SEA
Total/NA	Analysis	8260C		1	224155	08/05/16 22:16	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	223227	07/27/16 14:14	JW1L	TAL SEA
Total/NA	Prep	3510C			223434	07/28/16 14:12	JCV	TAL SEA
Total/NA	Cleanup	3630C			223504	07/29/16 09:19	JDR	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	223577	08/02/16 03:08	KZ1	TAL SEA

TestAmerica Seattle

Lab Chronicle

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-23_20160720

Lab Sample ID: 580-61203-13

Date Collected: 07/20/16 15:15

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	223612	07/31/16 23:02	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	223227	07/27/16 19:06	JW1L	TAL SEA
Total/NA	Prep	3510C			223434	07/28/16 14:12	JCV	TAL SEA
Total/NA	Cleanup	3630C			223504	07/29/16 09:19	JDR	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	223577	08/02/16 03:30	KZ1	TAL SEA

Client Sample ID: MW-24_20160719

Lab Sample ID: 580-61203-14

Date Collected: 07/19/16 11:10

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	223437	07/29/16 01:57	D1R	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	223227	07/27/16 14:47	JW1L	TAL SEA
Total/NA	Prep	3510C			223434	07/28/16 14:12	JCV	TAL SEA
Total/NA	Cleanup	3630C			223504	07/29/16 09:19	JDR	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	223577	08/02/16 04:37	KZ1	TAL SEA

Client Sample ID: MW-25_20160719

Lab Sample ID: 580-61203-15

Date Collected: 07/19/16 15:00

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	223344	07/28/16 04:58	CJ	TAL SEA
Total/NA	Analysis	8260C	DL	100	223437	07/29/16 04:20	D1R	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	223227	07/27/16 15:19	JW1L	TAL SEA
Total/NA	Prep	3510C			223434	07/28/16 14:12	JCV	TAL SEA
Total/NA	Cleanup	3630C			223504	07/29/16 09:19	JDR	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	223577	08/02/16 05:00	KZ1	TAL SEA

Client Sample ID: MW-27_20160719

Lab Sample ID: 580-61203-16

Date Collected: 07/19/16 11:20

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	223235	07/27/16 18:53	CJ	TAL SEA
Total/NA	Analysis	8260C	DL	10	223376	07/28/16 20:40	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	223227	07/27/16 16:24	JW1L	TAL SEA
Total/NA	Prep	3510C			223434	07/28/16 14:12	JCV	TAL SEA
Total/NA	Cleanup	3630C			223504	07/29/16 09:19	JDR	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	223577	08/02/16 05:44	KZ1	TAL SEA

TestAmerica Seattle

Lab Chronicle

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-28_20160719

Lab Sample ID: 580-61203-17

Date Collected: 07/19/16 11:40

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	223235	07/27/16 19:21	CJ	TAL SEA
Total/NA	Analysis	8260C	DL	10	223376	07/28/16 21:08	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	223227	07/27/16 16:56	JW1L	TAL SEA
Total/NA	Prep	3510C			223434	07/28/16 14:12	JCV	TAL SEA
Total/NA	Cleanup	3630C			223504	07/29/16 09:19	JDR	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	223577	08/02/16 06:07	KZ1	TAL SEA

Client Sample ID: MW-29_20160719

Lab Sample ID: 580-61203-18

Date Collected: 07/19/16 10:10

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	223235	07/27/16 17:26	CJ	TAL SEA
Total/NA	Analysis	8260C	DL	50	223376	07/28/16 19:42	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	223227	07/27/16 17:29	JW1L	TAL SEA
Total/NA	Prep	3510C			223434	07/28/16 14:12	JCV	TAL SEA
Total/NA	Cleanup	3630C			223504	07/29/16 09:19	JDR	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	223577	08/02/16 06:29	KZ1	TAL SEA

Client Sample ID: MW-31_20160719

Lab Sample ID: 580-61203-19

Date Collected: 07/19/16 10:10

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		100	223437	07/29/16 03:23	D1R	TAL SEA
Total/NA	Analysis	NWTPH-Gx		50	223492	07/29/16 06:10	JW1L	TAL SEA
Total/NA	Prep	3510C			223434	07/28/16 14:12	JCV	TAL SEA
Total/NA	Cleanup	3630C			223504	07/29/16 09:19	JDR	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	223577	08/02/16 06:51	KZ1	TAL SEA

Client Sample ID: MW-32_20160719

Lab Sample ID: 580-61203-20

Date Collected: 07/19/16 14:45

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	223344	07/28/16 04:29	CJ	TAL SEA
Total/NA	Analysis	8260C	DL	100	223437	07/29/16 03:52	D1R	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	223227	07/27/16 18:34	JW1L	TAL SEA
Total/NA	Prep	3510C			223434	07/28/16 14:12	JCV	TAL SEA
Total/NA	Cleanup	3630C			223504	07/29/16 09:19	JDR	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	223577	08/02/16 07:14	KZ1	TAL SEA

TestAmerica Seattle

Lab Chronicle

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: Dup-2_20160720

Lab Sample ID: 580-61203-21

Date Collected: 07/20/16 06:30

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	223344	07/28/16 06:54	CJ	TAL SEA
Total/NA	Analysis	8260C	DL	100	223437	07/29/16 06:45	D1R	TAL SEA
Total/NA	Analysis	NWTPH-Gx		50	223492	07/29/16 06:42	JW1L	TAL SEA
Total/NA	Prep	3510C			223434	07/28/16 14:12	JCV	TAL SEA
Total/NA	Cleanup	3630C			223504	07/29/16 09:19	JDR	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	223577	08/02/16 07:36	KZ1	TAL SEA

Client Sample ID: Trip Blank-2_

Lab Sample ID: 580-61203-22

Date Collected: 07/20/16 00:01

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	223376	07/28/16 12:58	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	223492	07/29/16 01:21	JW1L	TAL SEA

Client Sample ID: MW-35_20160719

Lab Sample ID: 580-61203-23

Date Collected: 07/19/16 09:40

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		100	223437	07/29/16 04:49	D1R	TAL SEA
Total/NA	Analysis	8260C	DL	1000	223606	07/31/16 22:20	TL1	TAL SEA
Total/NA	Analysis	NWTPH-Gx		100	223492	07/29/16 07:15	JW1L	TAL SEA
Total/NA	Prep	3510C			223434	07/28/16 14:12	JCV	TAL SEA
Total/NA	Cleanup	3630C			223504	07/29/16 09:19	JDR	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	223577	08/02/16 07:58	KZ1	TAL SEA

Client Sample ID: MW-36_20160719

Lab Sample ID: 580-61203-24

Date Collected: 07/19/16 09:45

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		100	223437	07/29/16 05:18	D1R	TAL SEA
Total/NA	Analysis	NWTPH-Gx		50	223492	07/29/16 07:47	JW1L	TAL SEA
Total/NA	Prep	3510C			223434	07/28/16 14:12	JCV	TAL SEA
Total/NA	Cleanup	3630C			223504	07/29/16 09:19	JDR	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	223577	08/02/16 08:21	KZ1	TAL SEA

TestAmerica Seattle

Lab Chronicle

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-37_20160719

Lab Sample ID: 580-61203-25

Date Collected: 07/19/16 15:20

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	223344	07/28/16 05:57	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	223492	07/29/16 04:01	JW1L	TAL SEA
Total/NA	Prep	3510C			223434	07/28/16 14:12	JCV	TAL SEA
Total/NA	Cleanup	3630C			223504	07/29/16 09:19	JDR	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	223577	08/02/16 08:43	KZ1	TAL SEA

Client Sample ID: MW-38_20160719

Lab Sample ID: 580-61203-26

Date Collected: 07/19/16 15:25

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	223344	07/28/16 01:36	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	223352	07/28/16 08:34	JW1L	TAL SEA
Total/NA	Prep	3510C			223434	07/28/16 14:12	JCV	TAL SEA
Total/NA	Cleanup	3630C			223504	07/29/16 09:19	JDR	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	223577	08/02/16 09:06	KZ1	TAL SEA

Client Sample ID: MW-39_20160719

Lab Sample ID: 580-61203-27

Date Collected: 07/19/16 16:00

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	223344	07/28/16 03:02	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	223492	07/29/16 03:29	JW1L	TAL SEA
Total/NA	Prep	3510C			223434	07/28/16 14:12	JCV	TAL SEA
Total/NA	Cleanup	3630C			223504	07/29/16 09:19	JDR	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	223577	08/02/16 09:51	KZ1	TAL SEA

Client Sample ID: MW-40_20160720

Lab Sample ID: 580-61203-28

Date Collected: 07/20/16 08:30

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	223409	07/28/16 16:01	TL1	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	223352	07/28/16 09:38	JW1L	TAL SEA
Total/NA	Prep	3510C			223434	07/28/16 14:12	JCV	TAL SEA
Total/NA	Cleanup	3630C			223504	07/29/16 09:19	JDR	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	223577	08/02/16 10:14	KZ1	TAL SEA

TestAmerica Seattle

Lab Chronicle

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-41_20160720

Lab Sample ID: 580-61203-29

Date Collected: 07/20/16 11:40

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	223612	07/31/16 20:49	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	223352	07/28/16 10:10	JW1L	TAL SEA
Total/NA	Prep	3510C			223434	07/28/16 14:12	JCV	TAL SEA
Total/NA	Cleanup	3630C			223504	07/29/16 09:19	JDR	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	223577	08/02/16 10:36	KZ1	TAL SEA

Client Sample ID: MW-42_20160720

Lab Sample ID: 580-61203-30

Date Collected: 07/20/16 12:00

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1000	223612	07/31/16 17:43	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		50	223492	07/29/16 08:19	JW1L	TAL SEA
Total/NA	Prep	3510C			223517	07/29/16 10:41	JCV	TAL SEA
Total/NA	Cleanup	3630C			223559	07/29/16 15:24	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	223712	08/02/16 00:07	CJ	TAL SEA

Client Sample ID: MW-43_20160720

Lab Sample ID: 580-61203-31

Date Collected: 07/20/16 12:20

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	223612	07/31/16 21:42	W1T	TAL SEA
Total/NA	Analysis	8260C	DL	50	223625	08/01/16 21:43	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		50	223492	07/29/16 11:00	JW1L	TAL SEA
Total/NA	Prep	3510C			223517	07/29/16 10:41	JCV	TAL SEA
Total/NA	Cleanup	3630C			223559	07/29/16 15:24	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	223712	08/02/16 00:30	CJ	TAL SEA

Client Sample ID: Dup-3_20160720

Lab Sample ID: 580-61203-32

Date Collected: 07/20/16 07:00

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	DL	100	223606	08/01/16 00:16	TL1	TAL SEA
Total/NA	Analysis	8260C		10	223409	07/28/16 20:27	TL1	TAL SEA
Total/NA	Analysis	NWTPH-Gx		20	223492	07/29/16 09:24	JW1L	TAL SEA
Total/NA	Prep	3510C			223517	07/29/16 10:41	JCV	TAL SEA
Total/NA	Cleanup	3630C			223559	07/29/16 15:24	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	223712	08/02/16 01:38	CJ	TAL SEA

TestAmerica Seattle

Lab Chronicle

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: Trip Blank-3_

Lab Sample ID: 580-61203-33

Date Collected: 07/19/16 00:01

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	223235	07/27/16 12:09	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	223352	07/28/16 03:11	JW1L	TAL SEA

Client Sample ID: MW-44_20160720

Lab Sample ID: 580-61203-34

Date Collected: 07/20/16 14:10

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		100	223612	07/31/16 18:36	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		20	223492	07/29/16 09:56	JW1L	TAL SEA
Total/NA	Prep	3510C			223517	07/29/16 10:41	JCV	TAL SEA
Total/NA	Cleanup	3630C			223559	07/29/16 15:24	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	223712	08/02/16 02:23	CJ	TAL SEA

Client Sample ID: MW-45_20160719

Lab Sample ID: 580-61203-35

Date Collected: 07/19/16 15:00

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	223344	07/28/16 05:27	CJ	TAL SEA
Total/NA	Analysis	8260C	DL	100	223437	07/29/16 06:16	D1R	TAL SEA
Total/NA	Analysis	NWTPH-Gx		20	223492	07/29/16 10:28	JW1L	TAL SEA
Total/NA	Prep	3510C			223517	07/29/16 10:41	JCV	TAL SEA
Total/NA	Cleanup	3630C			223559	07/29/16 15:24	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	223712	08/02/16 02:45	CJ	TAL SEA

Client Sample ID: MW-47_20160719

Lab Sample ID: 580-61203-36

Date Collected: 07/19/16 15:40

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	223344	07/28/16 02:05	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	223492	07/29/16 13:08	JW1L	TAL SEA
Total/NA	Prep	3510C			223517	07/29/16 10:41	JCV	TAL SEA
Total/NA	Cleanup	3630C			223559	07/29/16 15:24	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	223712	08/02/16 03:08	CJ	TAL SEA

TestAmerica Seattle

Lab Chronicle

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-48_20160720

Lab Sample ID: 580-61203-37

Date Collected: 07/20/16 08:55

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	223619	08/01/16 14:31	STA	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	223492	07/29/16 13:41	JW1L	TAL SEA
Total/NA	Prep	3510C			223517	07/29/16 10:41	JCV	TAL SEA
Total/NA	Cleanup	3630C			223559	07/29/16 15:24	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	223712	08/02/16 03:30	CJ	TAL SEA

Client Sample ID: MW-49_20160719

Lab Sample ID: 580-61203-38

Date Collected: 07/19/16 16:10

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	223344	07/28/16 03:32	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	223492	07/29/16 14:14	JW1L	TAL SEA
Total/NA	Prep	3510C			223517	07/29/16 10:41	JCV	TAL SEA
Total/NA	Cleanup	3630C			223559	07/29/16 15:24	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	223712	08/02/16 03:52	CJ	TAL SEA

Client Sample ID: MW-50_20160719

Lab Sample ID: 580-61203-39

Date Collected: 07/19/16 15:45

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	223344	07/28/16 02:34	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	223678	08/01/16 15:34	W1T	TAL SEA
Total/NA	Prep	3510C			223517	07/29/16 10:41	JCV	TAL SEA
Total/NA	Cleanup	3630C			223559	07/29/16 15:24	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	223712	08/02/16 04:15	CJ	TAL SEA

Client Sample ID: MW-51_20160719

Lab Sample ID: 580-61203-40

Date Collected: 07/19/16 12:00

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	223235	07/27/16 19:50	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	223678	08/01/16 16:06	W1T	TAL SEA
Total/NA	Prep	3510C			223517	07/29/16 10:41	JCV	TAL SEA
Total/NA	Cleanup	3630C			223559	07/29/16 15:24	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	223712	08/02/16 04:37	CJ	TAL SEA

TestAmerica Seattle

Lab Chronicle

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-52_20160720

Lab Sample ID: 580-61203-41

Date Collected: 07/20/16 09:30

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	223619	08/01/16 15:28	STA	TAL SEA
Total/NA	Analysis	8260C	DL	100	223619	08/01/16 18:51	STA	TAL SEA
Total/NA	Analysis	NWTPH-Gx		10	223748	08/02/16 18:32	TL1	TAL SEA
Total/NA	Prep	3510C			223517	07/29/16 10:41	JCV	TAL SEA
Total/NA	Cleanup	3630C			223559	07/29/16 15:24	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	223712	08/02/16 05:00	CJ	TAL SEA

Client Sample ID: MW-53_20160719

Lab Sample ID: 580-61203-42

Date Collected: 07/19/16 09:15

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		100	223437	07/29/16 05:47	D1R	TAL SEA
Total/NA	Analysis	8260C	DL	1000	223606	07/31/16 21:51	TL1	TAL SEA
Total/NA	Analysis	NWTPH-Gx		500	223748	08/02/16 13:42	TL1	TAL SEA
Total/NA	Prep	3510C			223517	07/29/16 10:41	JCV	TAL SEA
Total/NA	Cleanup	3630C			223559	07/29/16 15:24	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	223712	08/02/16 06:29	CJ	TAL SEA

Client Sample ID: Dup-4_20160720

Lab Sample ID: 580-61203-43

Date Collected: 07/20/16 08:00

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	223409	07/28/16 20:00	TL1	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	223678	08/01/16 16:39	W1T	TAL SEA
Total/NA	Prep	3510C			223517	07/29/16 10:41	JCV	TAL SEA
Total/NA	Cleanup	3630C			223559	07/29/16 15:24	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	223712	08/02/16 06:51	CJ	TAL SEA

Client Sample ID: Trip Blank-4_

Lab Sample ID: 580-61203-44

Date Collected: 07/20/16 00:01

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	223376	07/28/16 13:28	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	223492	07/29/16 01:53	JW1L	TAL SEA

TestAmerica Seattle

Lab Chronicle

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: IW-1_20160719

Lab Sample ID: 580-61203-45

Date Collected: 07/19/16 16:15

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	223344	07/28/16 04:01	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	223678	08/01/16 17:11	W1T	TAL SEA
Total/NA	Prep	3510C			223517	07/29/16 10:41	JCV	TAL SEA
Total/NA	Cleanup	3630C			223559	07/29/16 15:24	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	223712	08/02/16 07:14	CJ	TAL SEA

Client Sample ID: MW-55_20160720

Lab Sample ID: 580-61203-46

Date Collected: 07/20/16 08:45

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	223619	08/01/16 14:02	STA	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	223678	08/01/16 17:43	W1T	TAL SEA
Total/NA	Prep	3510C			223517	07/29/16 10:41	JCV	TAL SEA
Total/NA	Cleanup	3630C			223559	07/29/16 15:24	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	223712	08/02/16 07:36	CJ	TAL SEA

Client Sample ID: MW-56_20160720

Lab Sample ID: 580-61203-47

Date Collected: 07/20/16 09:05

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	223619	08/01/16 15:00	STA	TAL SEA
Total/NA	Analysis	8260C	DL	50	223619	08/01/16 18:22	STA	TAL SEA
Total/NA	Analysis	8260C	DL2	250	224099	08/05/16 03:17	STA	TAL SEA
Total/NA	Analysis	NWTPH-Gx		500	223748	08/02/16 14:14	TL1	TAL SEA
Total/NA	Prep	3510C			223517	07/29/16 10:41	JCV	TAL SEA
Total/NA	Cleanup	3630C			223559	07/29/16 15:24	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	223712	08/02/16 07:58	CJ	TAL SEA

Client Sample ID: MW-57_20160720

Lab Sample ID: 580-61203-48

Date Collected: 07/20/16 09:35

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	223619	08/01/16 16:55	STA	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	223748	08/02/16 18:00	TL1	TAL SEA
Total/NA	Prep	3510C			223736	08/01/16 17:28	JCV	TAL SEA
Total/NA	Cleanup	3630C			223793	08/02/16 11:17	CBS	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	223833	08/02/16 17:39	KZ1	TAL SEA

TestAmerica Seattle

Lab Chronicle

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-58_20160720

Lab Sample ID: 580-61203-49

Date Collected: 07/20/16 10:40

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	223409	07/28/16 19:34	TL1	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	223748	08/02/16 14:47	TL1	TAL SEA
Total/NA	Prep	3510C			223736	08/01/16 17:28	JCV	TAL SEA
Total/NA	Cleanup	3630C			223793	08/02/16 11:17	CBS	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	223833	08/02/16 18:47	KZ1	TAL SEA

Client Sample ID: MW-59_20160720

Lab Sample ID: 580-61203-50

Date Collected: 07/20/16 11:00

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	223409	07/28/16 19:07	TL1	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	223748	08/02/16 15:51	TL1	TAL SEA
Total/NA	Prep	3510C			223736	08/01/16 17:28	JCV	TAL SEA
Total/NA	Cleanup	3630C			223793	08/02/16 11:17	CBS	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	223833	08/02/16 19:10	KZ1	TAL SEA

Client Sample ID: MW-60_20160720

Lab Sample ID: 580-61203-51

Date Collected: 07/20/16 11:20

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	223409	07/28/16 17:47	TL1	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	223748	08/02/16 11:33	TL1	TAL SEA
Total/NA	Prep	3510C			223736	08/01/16 17:28	JCV	TAL SEA
Total/NA	Cleanup	3630C			223793	08/02/16 11:17	CBS	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	223833	08/02/16 19:32	KZ1	TAL SEA

Client Sample ID: MW-61_20160720

Lab Sample ID: 580-61203-52

Date Collected: 07/20/16 10:20

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	223409	07/28/16 17:21	TL1	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	223748	08/02/16 12:05	TL1	TAL SEA
Total/NA	Prep	3510C			223736	08/01/16 17:28	JCV	TAL SEA
Total/NA	Cleanup	3630C			223793	08/02/16 11:17	CBS	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	223833	08/02/16 19:55	KZ1	TAL SEA

TestAmerica Seattle

Lab Chronicle

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-62_20160720

Lab Sample ID: 580-61203-53

Date Collected: 07/20/16 10:00

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	223409	07/28/16 18:14	TL1	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	223748	08/02/16 12:38	TL1	TAL SEA
Total/NA	Prep	3510C			223736	08/01/16 17:28	JCV	TAL SEA
Total/NA	Cleanup	3630C			223793	08/02/16 11:17	CBS	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	223833	08/02/16 20:41	KZ1	TAL SEA

Client Sample ID: MW-63_20160720

Lab Sample ID: 580-61203-54

Date Collected: 07/20/16 09:45

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	223409	07/28/16 18:41	TL1	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	223748	08/02/16 13:10	TL1	TAL SEA
Total/NA	Prep	3510C			223736	08/01/16 17:28	JCV	TAL SEA
Total/NA	Cleanup	3630C			223793	08/02/16 11:17	CBS	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	223833	08/02/16 21:05	KZ1	TAL SEA

Client Sample ID: MW-64_20160720

Lab Sample ID: 580-61203-55

Date Collected: 07/20/16 14:50

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	223612	07/31/16 21:16	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	223748	08/02/16 16:23	TL1	TAL SEA
Total/NA	Prep	3510C			223736	08/01/16 17:28	JCV	TAL SEA
Total/NA	Cleanup	3630C			223793	08/02/16 11:17	CBS	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	223833	08/02/16 21:28	KZ1	TAL SEA

Client Sample ID: Trip Blank-5_

Lab Sample ID: 580-61203-56

Date Collected: 07/20/16 00:01

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	223376	07/28/16 13:56	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	223492	07/29/16 02:25	JW1L	TAL SEA

Client Sample ID: MW-65_20160719

Lab Sample ID: 580-61203-57

Date Collected: 07/19/16 08:45

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	223235	07/27/16 14:34	CJ	TAL SEA

TestAmerica Seattle

Lab Chronicle

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Client Sample ID: MW-65_20160719

Lab Sample ID: 580-61203-57

Date Collected: 07/19/16 08:45

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	DL	100	223437	07/29/16 07:14	D1R	TAL SEA
Total/NA	Analysis	NWTPH-Gx		10	223748	08/02/16 17:28	TL1	TAL SEA
Total/NA	Prep	3510C			223736	08/01/16 17:28	JCV	TAL SEA
Total/NA	Cleanup	3630C			223793	08/02/16 11:17	CBS	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	223833	08/02/16 21:51	KZ1	TAL SEA

Client Sample ID: MW-66_20160719

Lab Sample ID: 580-61203-58

Date Collected: 07/19/16 08:50

Matrix: Water

Date Received: 07/21/16 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	223235	07/27/16 15:02	CJ	TAL SEA
Total/NA	Analysis	8260C	DL	50	223376	07/28/16 20:11	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	223748	08/02/16 16:56	TL1	TAL SEA
Total/NA	Prep	3510C			223736	08/01/16 17:28	JCV	TAL SEA
Total/NA	Cleanup	3630C			223793	08/02/16 11:17	CBS	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	223833	08/02/16 22:14	KZ1	TAL SEA

Laboratory References:

TAL SEA = TestAmerica Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Certification Summary

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Laboratory: TestAmerica Seattle

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
Washington	State Program	10	C553	02-17-17

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
8260C		Water	Xylenes, Total

Sample Summary

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
580-61203-1	C_20160720	Water	07/20/16 14:45	07/21/16 13:40
580-61203-2	MW-1_20160720	Water	07/20/16 11:40	07/21/16 13:40
580-61203-3	MW-2_20160720	Water	07/20/16 11:20	07/21/16 13:40
580-61203-4	MW-12_20160720	Water	07/20/16 14:20	07/21/16 13:40
580-61203-5	MW-14_20160720	Water	07/20/16 13:55	07/21/16 13:40
580-61203-6	MW-18_20160719	Water	07/19/16 14:35	07/21/16 13:40
580-61203-7	MW-19_20160719	Water	07/19/16 09:15	07/21/16 13:40
580-61203-8	MW-20_20160720	Water	07/20/16 10:00	07/21/16 13:40
580-61203-9	Dup-1_20160720	Water	07/20/16 06:00	07/21/16 13:40
580-61203-10	Trip Blank-1_	Water	07/20/16 00:01	07/21/16 13:40
580-61203-11	MW-21_20160720	Water	07/20/16 10:50	07/21/16 13:40
580-61203-12	MW-22_20160720	Water	07/20/16 14:30	07/21/16 13:40
580-61203-13	MW-23_20160720	Water	07/20/16 15:15	07/21/16 13:40
580-61203-14	MW-24_20160719	Water	07/19/16 11:10	07/21/16 13:40
580-61203-15	MW-25_20160719	Water	07/19/16 15:00	07/21/16 13:40
580-61203-16	MW-27_20160719	Water	07/19/16 11:20	07/21/16 13:40
580-61203-17	MW-28_20160719	Water	07/19/16 11:40	07/21/16 13:40
580-61203-18	MW-29_20160719	Water	07/19/16 10:10	07/21/16 13:40
580-61203-19	MW-31_20160719	Water	07/19/16 10:10	07/21/16 13:40
580-61203-20	MW-32_20160719	Water	07/19/16 14:45	07/21/16 13:40
580-61203-21	Dup-2_20160720	Water	07/20/16 06:30	07/21/16 13:40
580-61203-22	Trip Blank-2_	Water	07/20/16 00:01	07/21/16 13:40
580-61203-23	MW-35_20160719	Water	07/19/16 09:40	07/21/16 13:40
580-61203-24	MW-36_20160719	Water	07/19/16 09:45	07/21/16 13:40
580-61203-25	MW-37_20160719	Water	07/19/16 15:20	07/21/16 13:40
580-61203-26	MW-38_20160719	Water	07/19/16 15:25	07/21/16 13:40
580-61203-27	MW-39_20160719	Water	07/19/16 16:00	07/21/16 13:40
580-61203-28	MW-40_20160720	Water	07/20/16 08:30	07/21/16 13:40
580-61203-29	MW-41_20160720	Water	07/20/16 11:40	07/21/16 13:40
580-61203-30	MW-42_20160720	Water	07/20/16 12:00	07/21/16 13:40
580-61203-31	MW-43_20160720	Water	07/20/16 12:20	07/21/16 13:40
580-61203-32	Dup-3_20160720	Water	07/20/16 07:00	07/21/16 13:40
580-61203-33	Trip Blank-3_	Water	07/19/16 00:01	07/21/16 13:40
580-61203-34	MW-44_20160720	Water	07/20/16 14:10	07/21/16 13:40
580-61203-35	MW-45_20160719	Water	07/19/16 15:00	07/21/16 13:40
580-61203-36	MW-47_20160719	Water	07/19/16 15:40	07/21/16 13:40
580-61203-37	MW-48_20160720	Water	07/20/16 08:55	07/21/16 13:40
580-61203-38	MW-49_20160719	Water	07/19/16 16:10	07/21/16 13:40
580-61203-39	MW-50_20160719	Water	07/19/16 15:45	07/21/16 13:40
580-61203-40	MW-51_20160719	Water	07/19/16 12:00	07/21/16 13:40
580-61203-41	MW-52_20160720	Water	07/20/16 09:30	07/21/16 13:40
580-61203-42	MW-53_20160719	Water	07/19/16 09:15	07/21/16 13:40
580-61203-43	Dup-4_20160720	Water	07/20/16 08:00	07/21/16 13:40
580-61203-44	Trip Blank-4_	Water	07/20/16 00:01	07/21/16 13:40
580-61203-45	IW-1_20160719	Water	07/19/16 16:15	07/21/16 13:40
580-61203-46	MW-55_20160720	Water	07/20/16 08:45	07/21/16 13:40
580-61203-47	MW-56_20160720	Water	07/20/16 09:05	07/21/16 13:40
580-61203-48	MW-57_20160720	Water	07/20/16 09:35	07/21/16 13:40
580-61203-49	MW-58_20160720	Water	07/20/16 10:40	07/21/16 13:40
580-61203-50	MW-59_20160720	Water	07/20/16 11:00	07/21/16 13:40
580-61203-51	MW-60_20160720	Water	07/20/16 11:20	07/21/16 13:40
580-61203-52	MW-61_20160720	Water	07/20/16 10:20	07/21/16 13:40
580-61203-53	MW-62_20160720	Water	07/20/16 10:00	07/21/16 13:40

TestAmerica Seattle

Sample Summary

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-61203-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
580-61203-54	MW-63_20160720	Water	07/20/16 09:45	07/21/16 13:40
580-61203-55	MW-64_20160720	Water	07/20/16 14:50	07/21/16 13:40
580-61203-56	Trip Blank-5_	Water	07/20/16 00:01	07/21/16 13:40
580-61203-57	MW-65_20160719	Water	07/19/16 08:45	07/21/16 13:40
580-61203-58	MW-66_20160719	Water	07/19/16 08:50	07/21/16 13:40



Laboratory Management Program LaMP Chain of Custody Record

Loc: 580

61203

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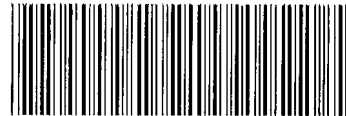
BP/ARC Project Name: Olympic Pipe Line Company

Req Due Date (mm/dd/yy): Standard Rush TAT: Yes No

BP/ARC Facility No: Allen Station

Lab Work Order Number:

Lab Name: Test America				BP/ARC Facility Address: 16292 Ovenell Road				Consultant/Contractor: Antea Group									
Lab Address: Tacoma, WA				City, State, ZIP Code: Mt. Vernon WA 98421				Consultant/Contractor Project No: WAALLHA161									
Lab PM: Robert Greer				Lead Regulatory Agency: WA Department of Ecology				Address: 4006 148th Avenue NE, Redmond, WA 98052									
Lab Phone: 253.922.2310				California Global ID No.: NA				Consultant/Contractor PM: Megan Richard									
Lab Shipping Acct: NA				Enfos Proposal No: wr297730/006sm-0010				Phone: P: 425.498.7711 F: 425.869.1892									
Lab Bottle Order No: NA				Accounting Mode: Provision ☒ OOC-BU ☐ OOC-RM ☐				Email EDD To: Megan.Richard@anteagroup.com									
Other Info:				Stage: 6_OM&M/Other (60) Activity: OM&M Spend (81)				Invoice To: BP/ARC ☒ Contractor ☐									
BP/ARC EBM: Paul Supple				Matrix		No. Containers / Preservative		Requested Analyses						Report Type & QC Level			
EBM Phone: 925-275-3801														Standard ☒			
EBM Email: paul.supple@bp.com														Full Data Package ☐			
Lab No.	Sample Description	Date	Time	Soil / Solid	Water / Liquid	Air / Vapor	Total Number of Containers	Unpreserved	H ₂ SO ₄	HNO ₃	HCl	Methanol	NaOH zn Acetate	8260BTEX	NWTPH-Ox	NWTPH-DX	Comments
	C-20160720	7-20-16	1445	X			8				8			X	X	X	
	MW-1-20160720	7-20-16	1140	X			8				8			X	X	X	
	MW-2-20160720	7-20-16	1120	X			8				8			X	X	X	
	MW-9			X										X	X	X	TR
	MW-12-20160720	7-20-16	1420	X			8				8			X	X	X	
	MW-14-20160720	7-20-16	1355	X			8				8			X	X	X	
	MW-17A			X										X	X	X	TR
	MW-18-20160719	7-19-16	1435	X			8				8			X	X	X	
	MW-19-20160719	7-19-16	0915	X			8				8			X	X	X	
	MW-20-20160720	7-20-16	1000	X			8				8			X	X	X	
Sampler's Name: LG/TR/KD/JG				Relinquished By / Affiliation				Date	Time	Accepted By / Affiliation				Date	Time		
Sampler's Company: Antea Group				Robert / Antea Group				7-21-16	1340	TR / Antea Group				7/21/16	1310		
Shipment Method: COURIER Ship Date: 7-21-16																	
Shipment Tracking No:																	
Special Instructions:																	
THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / No				Temp Blank: Yes / No													



580-61203 Chain of Custody



Laboratory Management Program LaMP Chain of Custody Record

Page 2 of 7

BP/ARC Project Name: Olympic Pipe Line CompanyReq Due Date (mm/dd/yy): Standard Rush TAT: Yes ☐ No ☐BP/ARC Facility No: Allen Station

Lab Work Order Number: _____

Lab Name: Test America	BP/ARC Facility Address: 16292 Ovenell Road	Consultant/Contractor: Antea Group
Lab Address: Tacoma, WA	City, State, ZIP Code: Mt. Vernon WA 98421	Consultant/Contractor Project No: WAALLHA161
Lab PM: Robert Greer	Lead Regulatory Agency: WA Department of Ecology	Address: 4006 148th Avenue NE, Redmond, WA 98052
Lab Phone: 253.922.2310	California Global ID No.: NA	Consultant/Contractor PM: Megan Richard
Lab Shipping Acct: NA	Enfos Proposal No: wr297730/006sm-0010	Phone: P: 425.498.7711 F: 425.869.1892
Lab Bottle Order No: NA	Accounting Mode: Provision ☒ OOC-BU ☐ OOC-RM ☐	Email EDD To: <u>Megan.Richard@anteagroup.com</u>
Other Info:	Stage: 6_OM&M/Other (60) Activity: OM&M Spend (81)	Invoice To: BP/ARC ☒ Contractor ☐

BP/ARC EBM: Paul Supple	Matrix	No. Containers / Preservative	Requested Analyses	Report Type & QC Level
EBM Phone: 925-275-3801				Standard ☒
EBM Email: <u>paul.supple@bp.com</u>				Full Data Package ☐

Lab No.	Sample Description	Date	Time	Soil / Solid	Water / Liquid	Air / Vapor	Total Number of Containers	Unpreserved	H ₂ SO ₄	HNO ₃	HCl	Methanol	NaOH zn Acetate	8260BTEX	NWTPH-GX	NWTPH-DX	Comments
	Dup-1_ 20160720	7-20-16	0600		X		8				8			X	X	X	
	Trip Blank-1_	7-20-16	0000		X		6				6			X	X		
	MW-21_ 20160720	7-20-16	1050		X		8				8			X	X	X	
	MW-22_ 20160720	7-20-16	1430		X		8				8			X	X	X	
	MW-23_ 20160720	7-20-16	1515		X		24				24			X	X	X	MS/MSD
	MW-24_ 20160719	7-19-16	1110		X		8				8			X	X	X	
	MW-25_ 20160719	7-19-16	1505		X		8				8			X	X	X	
	MW-27_ 20160719	7-19-16	1120		X		8				8			X	X	X	
	MW-28_ 20160719	7-19-16	1140		X		8				8			X	X	X	
	MW-29_ 20160719	7-19-16	1010		X		8				8			X	X	X	

Sampler's Name: <u>JG/KD/LG/TR</u>	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company: Antea Group	<u>ROBERT / ANTEAG</u>	7-21-16	1340	<u>JDC / TASA</u>	7-21-16	1340
Shipment Method: <u>COURIER</u> Ship Date: 7-21-16						
Shipment Tracking No:						

Special Instructions:
THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / No Temp Blank: Yes / No Cooler Temp on Receipt: _____ °F/C Trip Blank: Yes / No MS/MSD Sample Submitted: Yes / No



Laboratory Management Program LaMP Chain of Custody Record

Page 4 of 7

BP/ARC Project Name: Olympic Pipe Line Company

Req Due Date (mm/dd/yy): Standard Rush TAT: Yes ☐ No ☐

BP/ARC Facility No: Allen Station

Lab Work Order Number: _____

Lab Name: <u>Test America</u>				BP/ARC Facility Address: <u>16292 Ovenell Road</u>				Consultant/Contractor: <u>Antea Group</u>														
Lab Address: <u>Tacoma, WA</u>				City, State, ZIP Code: <u>Mt. Vernon WA 98421</u>				Consultant/Contractor Project No: <u>WAALLHA161</u>														
Lab PM: <u>Robert Greer</u>				Lead Regulatory Agency: <u>WA Department of Ecology</u>				Address: <u>4006 148th Avenue NE, Redmond, WA 98052</u>														
Lab Phone: <u>253.922.2310</u>				California Global ID No.: <u>NA</u>				Consultant/Contractor PM: <u>Megan Richard</u>														
Lab Shipping Acct: <u>NA</u>				Enfos Proposal No: <u>wr297730/006sm-0010</u>				Phone: P: <u>425.498.7711</u> F: <u>425.869.1892</u>														
Lab Bottle Order No: <u>NA</u>				Accounting Mode: Provision <u>X</u> OOC-BU ☐ OOC-RM ☐				Email EDD To: <u>Megan.Richard@anteagroup.com</u>														
Other Info:				Stage: <u>6_OM&M/Other (60)</u> Activity: <u>OM&M Spend (81)</u>				Invoice To: BP/ARC <u>X</u> Contractor ☐														
BP/ARC EBM: <u>Paul Supple</u>				Matrix		No. Containers / Preservative		Requested Analyses						Report Type & QC Level								
EBM Phone: <u>925-275-3801</u>														Standard <u>Y</u>								
EBM Email: <u>paul.supple@bp.com</u>														Full Data Package ☐								
Lab No.	Sample Description	Date	Time	Soil / Solid	Water / Liquid	Air / Vapor	Total Number of Containers	Unpreserved	H ₂ SO ₄	HNO ₃	HCl	Methanol	NaOH zn Acetate	8260BTEX	NWTPH-Gx	NWTPH-DX f	Comments					
	MW-40_ <u>20160720</u>	<u>7.20.16</u>	<u>0830</u>	X			<u>8</u>				<u>8</u>			X	X	X						
	MW-41_ <u>20160720</u>	<u>7.20.16</u>	<u>1140</u>	X			<u>8</u>				<u>8</u>			X	X	X						
	MW-42_ <u>20160720</u>	<u>7.20.16</u>	<u>1200</u>	X			<u>8</u>				<u>8</u>			X	X	X						
	MW-43_ <u>20160720</u>	<u>7.20.16</u>	<u>1220</u>	X			<u>24</u>				<u>24</u>			X	X	X		<u>ms/msd</u>				
	Dup-3_ <u>20160720</u>	<u>7.20.16</u>	<u>0700</u>	X			<u>8</u>				<u>8</u>			X	X	X						
	Trip Blank-3_	<u>7.19.16</u>	<u>0000</u>	X			<u>8</u>				<u>8</u>			X	X							
	MW-44_ <u>20160720</u>	<u>7.20.16</u>	<u>1410</u>	X			<u>6</u>				<u>6</u>			X	X	X						
	MW-45_ <u>20160719</u>	<u>7.19.16</u>	<u>1500</u>	X			<u>8</u>				<u>8</u>			X	X	X						
	MW-47_ <u>20160719</u>	<u>7.19.16</u>	<u>1540</u>	X			<u>8</u>				<u>8</u>			X	X	X						
	MW-48_ <u>20160720</u>	<u>7.20.16</u>	<u>0855</u>	X			<u>8</u>				<u>8</u>			X	X	X						
Sampler's Name: <u>KD/dg/LG/TR</u>				Relinquished By / Affiliation				Date		Time		Accepted By / Affiliation				Date		Time				
Sampler's Company: <u>Antea Group</u>				<u>Robert / ANZA</u>				<u>7.21.16</u>		<u>1340</u>		<u>VRK / ANZA</u>				<u>7/21/16</u>		<u>1340</u>				
Shipment Method: <u>COURIER</u> Ship Date: <u>7.21.16</u>																						
Shipment Tracking No:																						
Special Instructions:																						
THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / No Temp Blank: Yes / No Cooler Temp on Receipt: _____ °F/C Trip Blank: Yes / No MS/MSD Sample Submitted: Yes / No																						



Laboratory Management Program LaMP Chain of Custody Record

Page 5 of 7

BP/ARC Project Name: Olympic Pipe Line CompanyReq Due Date (mm/dd/yy): Standard Rush TAT: Yes ☐ No ☐BP/ARC Facility No: Allen Station

Lab Work Order Number: _____

Lab Name: <u>Test America</u>				BP/ARC Facility Address: <u>16292 Ovenell Road</u>				Consultant/Contractor: <u>Antea Group</u>												
Lab Address: <u>Tacoma, WA</u>				City, State, ZIP Code: <u>Mt. Vernon WA 98421</u>				Consultant/Contractor Project No: <u>WAALLHA161</u>												
Lab PM: <u>Robert Greer</u>				Lead Regulatory Agency: <u>WA Department of Ecology</u>				Address: <u>4006 148th Avenue NE, Redmond, WA 98052</u>												
Lab Phone: <u>253.922.2310</u>				California Global ID No.: <u>NA</u>				Consultant/Contractor PM: <u>Megan Richard</u>												
Lab Shipping Acct: <u>NA</u>				Enfos Proposal No: <u>wr297730/006sm-0010</u>				Phone: <u>P: 425.498.7711 F: 425.869.1892</u>												
Lab Bottle Order No: <u>NA</u>				Accounting Mode: Provision ☒ OOC-BU ☐ OOC-RM ☐				Email EDD To: <u>Megan.Richard@anteagroup.com</u>												
Other Info:				Stage: <u>6_OM&M/Other (60)</u> Activity: <u>OM&M Spend (81)</u>				Invoice To: <u>BP/ARC</u> ☒ Contractor ☐												
BP/ARC EBM: <u>Paul Supple</u>				Matrix		No. Containers / Preservative		Requested Analyses						Report Type & QC Level						
EBM Phone: <u>925-275-3801</u>														Standard ☒						
EBM Email: <u>paul.supple@bp.com</u>														Full Data Package ☐						
Lab No.	Sample Description	Date	Time	Soil / Solid	Water / Liquid	Air / Vapor	Total Number of Containers	Unpreserved	H ₂ SO ₄	HNO ₃	HCl	Methanol	NaOH zn Acetate	8260BTEX	NWTPH-GX	NWTPH-DX	Comments Note: If sample not collected, indicate "No Sample" in comments and single-strike out and initial any preprinted sample description.			
	MW-49_ <u>20160719</u>	<u>7-19-16</u>	<u>1610</u>		X		<u>8</u>				<u>8</u>			X	X	X				
	MW-50_ <u>20160719</u>	<u>7-19-16</u>	<u>1545</u>		X		<u>8</u>				<u>8</u>			X	X	X				
	MW-51_ <u>20160719</u>	<u>7-19-16</u>	<u>1205</u>		X		<u>8</u>				<u>8</u>			X	X	X				
	MW-52_ <u>20160720</u>	<u>7-20-16</u>	<u>0930</u>		X		<u>24</u>				<u>24</u>			X	X	X			<u>ONE AMBER IS ONLY 1/2 FULL MS/MSD</u>	
	MW-53_ <u>20160719</u>	<u>7-19-16</u>	<u>0915</u>		X		<u>8</u>				<u>8</u>			X	X	X				
	~~MW-54~~	<del></del>	<del></del>	~~X~~			<del></del>				<del></del>			~~X~~	~~X~~	~~X~~			<u>TR</u>	
	DUP-4_ <u>20160720</u>	<u>7-20-16</u>	<u>0805</u>		X		<u>8</u>				<u>8</u>			X	X	X				
	Tripblank-4_	<u>7-20-16</u>	<u>0805</u>		X		<u>6</u>				<u>6</u>			X	X	<u>TR</u>				
	IW-1_ <u>20160719</u>	<u>7-19-16</u>	<u>1615</u>		X		<u>8</u>				<u>8</u>			X	X	X				
	MW-55_ <u>20160720</u>	<u>7-20-16</u>	<u>0845</u>		X		<u>8</u>				<u>8</u>			X	X	X				
Sampler's Name: <u>KD/OG/LG/TR</u>				Relinquished By / Affiliation				Date		Time		Accepted By / Affiliation				Date		Time		
Sampler's Company: <u>Antea Group</u>				<u>Robert / ANTEA</u>				<u>7-21-16</u>		<u>1340</u>		<u>JD / TA SA</u>				<u>7/21/16</u>		<u>1340</u>		
Shipment Method: <u>COURIER</u> Ship Date: <u>7-21-16</u>																				
Shipment Tracking No:																				
Special Instructions:																				
THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / No										Temp Blank: Yes / No		Cooler Temp on Receipt: _____ °F/C		Trip Blank: Yes / No		MS/MSD Sample Submitted: Yes / No				



Laboratory Management Program LaMP Chain of Custody Record

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BP/ARC Project Name: Olympic Pipe Line Company

Req Due Date (mm/dd/yy): Standard

Rush TAT: Yes ☐ No ☐

BP/ARC Facility No: Allen Station

Lab Work Order Number: _____

Lab Name: <u>Test America</u>				BP/ARC Facility Address: <u>16292 Ovenell Road</u>				Consultant/Contractor: <u>Antea Group</u>										
Lab Address: <u>Tacoma, WA</u>				City, State, ZIP Code: <u>Mt. Vernon WA 98421</u>				Consultant/Contractor Project No: <u>WAALLHA161</u>										
Lab PM: <u>Robert Greer</u>				Lead Regulatory Agency: <u>WA Department of Ecology</u>				Address: <u>4006 148th Avenue NE, Redmond, WA 98052</u>										
Lab Phone: <u>253.922.2310</u>				California Global ID No.: <u>NA</u>				Consultant/Contractor PM: <u>Megan Richard</u>										
Lab Shipping Acont: <u>NA</u>				Enfos Proposal No: <u>wr297730/006sm-0010</u>				Phone: <u>P: 425.498.7711 F: 425.869.1892</u>										
Lab Bottle Order No: <u>NA</u>				Accounting Mode: Provision <u>X</u> OOC-BU ☐ OOC-RM ☐				Email EDD To: <u>Megan.Richard@anteagroup.com</u>										
Other Info:				Stage: <u>6_OM&M/Other (60)</u> Activity: <u>OM&M Spend (81)</u>				Invoice To: <u>BP/ARC X</u> Contractor <u>_____</u>										
BP/ARC EBM: <u>Paul Supple</u>				Matrix		No. Containers / Preservative				Requested Analyses				Report Type & QC Level				
EBM Phone: <u>925-275-3801</u>														Standard <u>Y</u>				
EBM Email: <u>paul.supple@bp.com</u>														Full Data Package ☐				
Lab No.	Sample Description	Date	Time	Soil / Solid	Water / Liquid	Air / Vapor	Total Number of Containers	Unpreserved	H ₂ SO ₄	HNO ₃	HCl	Methanol	NaOH zn Acetate	8260BTEX	NWTPH-Gx	NWTPH-DX	Comments Note: If sample not collected, indicate "No Sample" in comments and single-strike out and initial any preprinted sample description.	
	TRIP BLANK- 5	7-20-16	00205	X			6				6			X	X			
	MW-65_ 70160719	7-19-16	0845	X			8				8			X	X	X		
	MW-66_ 70160719	7-19-16	0850	X			8				8			X	X	X		
Sampler's Name: <u>UG/IR/KD/KG</u>				Relinquished By / Affiliation				Date	Time	Accepted By / Affiliation				Date	Time			
Sampler's Company: <u>Antea Group</u>				<u>Robert / Antea G.</u>				7-21-16	1340	<u>TA</u>				7/21/16	1400			
Shipment Method: <u>Overseas</u> Ship Date: <u>7-21-16</u>																		
Shipment Tracking No:																		
Special Instructions:																		
THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / No Temp Blank: Yes / No Cooler Temp on Receipt: _____ °F/C Trip Blank: Yes / No MS/MSD Sample Submitted: Yes / No																		

TB ~~A12~~ Cooler Cor ~~5.7~~ Unc ~~5.7~~
Cooler Dsc ~~14/14~~ @ Lab 1520
~~Wet~~ Packs Packing ~~Wet/Dry~~
corner notes

TB ~~A12~~ Cooler Cor ~~1.7~~ Unc ~~1.7~~
Cooler Dsc ~~14/14~~ @ Lab 1520
~~Wet~~ Packs Packing ~~Wet/Dry~~
corner notes

TB ~~A12~~ Cooler Cor ~~2.8~~ Unc ~~3.8~~
Cooler Dsc ~~14/14~~ @ Lab 1520
~~Wet~~ Packs Packing
corner notes

TB ~~A12~~ Cooler Cor ~~2.5~~ Unc ~~2.5~~
Cooler Dsc ~~14/14~~ @ Lab
~~Wet~~ Packs Packing ~~Wet/Dry~~
corner notes

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TB ~~A12~~ Cooler Cor ~~2.2~~ Unc ~~2.2~~
Cooler Dsc ~~14/14~~ @ Lab 1520
~~Wet~~ Packs Packing ~~Wet/Dry~~
corner notes

TB ~~A12~~ Cooler Cor ~~3.4~~ Unc ~~3.4~~
Cooler Dsc ~~14/14~~ @ Lab 1520
~~Wet~~ Packs Packing ~~Wet/Dry~~
corner notes

TB ~~A12~~ Cooler Cor ~~4.6~~ Unc ~~4.6~~
Cooler Dsc ~~14/14~~ @ Lab 1520
~~Wet~~ Packs Packing ~~Wet/Dry~~
corner notes

Login Sample Receipt Checklist

Client: Antea USA, Inc.

Job Number: 580-61203-1

Login Number: 61203

List Source: TestAmerica Seattle

List Number: 1

Creator: Gall, Brandon A

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

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Seattle

5755 8th Street East

Tacoma, WA 98424

Tel: (253)922-2310

TestAmerica Job ID: 580-64072-1

Client Project/Site: OPLC - Allen Station

Sampling Event: Allen Station Waters

Revision: 1

For:

Antea USA, Inc.

4006 148th Ave NE

Redmond, Washington 98052

Attn: Megan Richard



Authorized for release by:

11/30/2016 4:02:59 PM

Wendy Jonas, Project Manager I

(253)922-2310

wendy.jonas@testamericainc.com

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results through

TotalAccess

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www.testamericainc.com

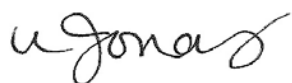
The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the BPLAMP Technical Specifications, applicable federal, state, local regulations and certification requirements as well as the methodologies as described in laboratory SOPs reviewed by the BPLAMP. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain of Custody is included and is an integral part of this report.



Wendy Jonas
Project Manager I
11/30/2016 4:02:59 PM

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Case Narrative

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Job ID: 580-64072-1

Laboratory: TestAmerica Seattle

Narrative

Job Narrative 580-64072-1

Comments

No additional comments.

Receipt

The samples were received on 11/11/2016 11:35 AM, 11/16/2016 at 11:20 AM and 11/17/2016 at 1:20 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 8 coolers at receipt time were 0.3° C, 0.4° C, 0.5° C, 0.6° C, 0.9° C, 1.0° C, 1.5° C and 1.7° C.

Receipt Exceptions

The following sample was not received: Trip Blank-3_20161108 (580-64072-32)

One or more containers for the following samples were received broken.: MW-12_20161109 (580-64072-4), MW-53_20161109 (580-64072-41) and MW-65_20161109 (580-64072-58).

Sample:

(#4) MW-12_20161109. One HCL VOA vial was received broken/frozen.

(#41) MW-53_20161109. Three HCL VOA vials were received broken/frozen.

(#58) MW-65_20161109. Three HCL VOA vials were received broken/frozen.

GC/MS VOA

Method(s) 8260C: The following samples was diluted to bring the concentration of target analytes within the calibration range: MW-18_20161108 (580-64072-7), MW-19_20161108 (580-64072-8), Dup-1_20161109 (580-64072-10), MW-21_20161108 (580-64072-12), MW-28_20161109 (580-64072-17), MW-31_20161109 (580-64072-19), MW-32_20161108 (580-64072-20), MW-35_20161109 (580-64072-23), MW-36_20161109 (580-64072-24), MW-42_20161109 (580-64072-30), MW-43_20161109 (580-64072-31), MW-44_20161109 (580-64072-33), MW-45_20161108 (580-64072-34), MW-52_20161108 (580-64072-40), MW-53_20161109 (580-64072-41), MW-54_20161108 (580-64072-42), MW-56_20161110 (580-64072-47), MW-65_20161109 (580-64072-58) and MW-66_20161109 (580-64072-59), MW-67_20161110 (580-64072-60). Elevated reporting limits (RLs) are provided.

The following samples were reanalyzed due to suspected carryover from previous samples: MW-29_20161108 (580-64072-18), MW-54_20161108 (580-64072-42) and Dup-4_20161109 (580-64072-43)

Method(s) 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: Dup-2_20161109 (580-64072-21). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The surrogate (1,2-Dichloroethane-d4) of CCVIS associated with analytical batch 580-233016 have %D -21.5(%D Limit 20) ; that result was outside the lower control limits. All the following associated sample surrogates fell within acceptance criteria; therefore, the data have been reported: MW-31_20161109 (580-64072-19), MW-35_20161109 (580-64072-23), MW-36_20161109 (580-64072-24), MW-53_20161109 (580-64072-41), MW-56_20161110 (580-64072-47), MW-65_20161109 (580-64072-58) and (CCVIS 580-233016/3).

Method(s) NWTPH-Gx: Surrogate recovery for the following samples was outside control limits: MW-58_20161109 (580-64072-49), MW-58_20161109 (580-64072-49[MS]) and MW-58_20161109 (580-64072-49[MSD]). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) NWTPH-Gx: Surrogate recovery for the following samples was outside control limits: MW-18_20161108 (580-64072-7), MW-19_20161108 (580-64072-8), MW-21_20161108 (580-64072-12), MW-25_20161108 (580-64072-16), MW-32_20161108 (580-64072-20) and Dup-2_20161109 (580-64072-21). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) NWTPH-Gx: Surrogate recovery for the following samples was outside control limits: MW-43_20161109 (580-64072-31), MW-44_20161109 (580-64072-33), MW-52_20161108 (580-64072-40), Dup-4_20161109 (580-64072-43), MW-56_20161110

Case Narrative

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Job ID: 580-64072-1 (Continued)

Laboratory: TestAmerica Seattle (Continued)

(580-64072-47), MW-59_20161109 (580-64072-50), MW-64_20161109 (580-64072-55), MW-65_20161109 (580-64072-58), and MW-66_20161109 (580-64072-59). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) NWTPH-Gx: The continuing calibration verification (CCV) associated with batch 580-232914 recovered above the upper control limit for Gasoline. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: MW-48_20161108 (580-64072-36), MW-49_20161108 (580-64072-37), MW-50_20161108 (580-64072-38) and (CCV 580-232914/29).

Method(s) NWTPH-Gx: The following samples was diluted to bring the concentration of target analytes within the calibration range: Dup-1_20161109 (580-64072-10), MW-24_20161109 (580-64072-15), MW-28_20161109 (580-64072-17), MW-31_20161109 (580-64072-19), MW-35_20161109 (580-64072-23), MW-36_20161109 (580-64072-24), MW-36_20161109 (580-64072-24[MS]) and MW-36_20161109 (580-64072-24[MSD]), MW-42_20161109 (580-64072-30), MW-42_20161109 (580-64072-30[MS]) and MW-42_20161109 (580-64072-30[MSD]), MW-45_20161108 (580-64072-34) and MW-53_20161109 (580-64072-41). Elevated reporting limits (RLs) are provided.

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

GC Semi VOA

Method(s) NWTPH-Dx: The following samples contained a hydrocarbon pattern in the diesel range; however, the elution pattern was earlier than the typical diesel fuel pattern used by the laboratory for quantitative purposes: MW-18_20161108 (580-64072-7), Dup-1_20161109 (580-64072-10), MW-21_20161108 (580-64072-12), MW-25_20161108 (580-64072-16), MW-32_20161108 (580-64072-20), Dup-2_20161109 (580-64072-21), MW-35_20161109 (580-64072-23), MW-38_20161108 (580-64072-26), MW-42_20161109 (580-64072-30), MW-45_20161108 (580-64072-34), MW-52_20161108 (580-64072-40), MW-56_20161110 (580-64072-47) and MW-57_20161109 (580-64072-48).

Method(s) NWTPH-Dx: The following samples contained a hydrocarbon pattern in the diesel range; however, the elution pattern was later than the typical diesel fuel pattern used by the laboratory for quantitative purposes: MW-1_20161108 (580-64072-2), MW-2_20161108 (580-64072-3), MW-12_20161109 (580-64072-4) and MW-14_20161109 (580-64072-5).

Method(s) NWTPH-Dx: The following samples contained a hydrocarbon pattern in the diesel range; however, the elution pattern was later than the typical diesel fuel pattern used by the laboratory for quantitative purposes: C_20161109 (580-64072-1), IW-1_20161109 (580-64072-45), Dup-5_20161109 (580-64072-56) and AG WELL_20161110 (580-64072-65).

Method(s) NWTPH-Dx: The following samples contained a hydrocarbon pattern in the diesel range; however, the elution pattern was earlier than the typical diesel fuel pattern used by the laboratory for quantitative purposes: MW-19_20161108 (580-64072-8), MW-24_20161109 (580-64072-15), MW-28_20161109 (580-64072-17), MW-31_20161109 (580-64072-19), MW-36_20161109 (580-64072-24), MW-53_20161109 (580-64072-41), MW-64_20161109 (580-64072-55), Dup-5_20161109 (580-64072-56), MW-65_20161109 (580-64072-58), and MW-66_20161109 (580-64072-59).

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

Organic Prep

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

Definitions/Glossary

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

GC VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance limits.
F2	MS/MSD RPD exceeds control limits

Glossary

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

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: C_20161109

Date Collected: 11/09/16 10:30

Date Received: 11/11/16 11:35

Lab Sample ID: 580-64072-1

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			11/18/16 07:14	1
Toluene	ND		2.0		ug/L			11/18/16 07:14	1
Ethylbenzene	ND		3.0		ug/L			11/18/16 07:14	1
Xylenes, Total	ND		3.0		ug/L			11/18/16 07:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	103		80 - 141		11/18/16 07:14	1
Toluene-d8 (Surr)	108		82 - 122		11/18/16 07:14	1
1,2-Dichloroethane-d4 (Surr)	93		65 - 143		11/18/16 07:14	1
4-Bromofluorobenzene (Surr)	95		75 - 125		11/18/16 07:14	1
Dibromofluoromethane (Surr)	101		77 - 118		11/18/16 07:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			11/18/16 18:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	80		50 - 150		11/18/16 18:13	1
4-Bromofluorobenzene (Surr)	97		50 - 150		11/18/16 18:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	210		110		ug/L		11/18/16 09:50	11/18/16 15:44	1
Motor Oil (>C24-C36)	ND		250		ug/L		11/18/16 09:50	11/18/16 15:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	70		50 - 150	11/18/16 09:50	11/18/16 15:44	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-1_20161108

Date Collected: 11/08/16 10:10

Date Received: 11/11/16 11:35

Lab Sample ID: 580-64072-2

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			11/17/16 13:21	1
Toluene	ND		2.0		ug/L			11/17/16 13:21	1
Ethylbenzene	ND		3.0		ug/L			11/17/16 13:21	1
Xylenes, Total	ND		3.0		ug/L			11/17/16 13:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	105		80 - 141		11/17/16 13:21	1
Toluene-d8 (Surr)	99		82 - 122		11/17/16 13:21	1
1,2-Dichloroethane-d4 (Surr)	93		65 - 143		11/17/16 13:21	1
4-Bromofluorobenzene (Surr)	106		75 - 125		11/17/16 13:21	1
Dibromofluoromethane (Surr)	103		77 - 118		11/17/16 13:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			11/16/16 21:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	94		50 - 150		11/16/16 21:42	1
4-Bromofluorobenzene (Surr)	95		50 - 150		11/16/16 21:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	350		110		ug/L		11/16/16 14:47	11/18/16 05:01	1
Motor Oil (>C24-C36)	ND		250		ug/L		11/16/16 14:47	11/18/16 05:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	98		50 - 150	11/16/16 14:47	11/18/16 05:01	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-2_20161108

Date Collected: 11/08/16 09:45

Date Received: 11/11/16 11:35

Lab Sample ID: 580-64072-3

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			11/17/16 13:47	1
Toluene	ND		2.0		ug/L			11/17/16 13:47	1
Ethylbenzene	ND		3.0		ug/L			11/17/16 13:47	1
Xylenes, Total	ND		3.0		ug/L			11/17/16 13:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	107		80 - 141		11/17/16 13:47	1
Toluene-d8 (Surr)	99		82 - 122		11/17/16 13:47	1
1,2-Dichloroethane-d4 (Surr)	92		65 - 143		11/17/16 13:47	1
4-Bromofluorobenzene (Surr)	105		75 - 125		11/17/16 13:47	1
Dibromofluoromethane (Surr)	102		77 - 118		11/17/16 13:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			11/16/16 22:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	95		50 - 150		11/16/16 22:14	1
4-Bromofluorobenzene (Surr)	96		50 - 150		11/16/16 22:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	1500		110		ug/L		11/16/16 14:47	11/18/16 05:23	1
Motor Oil (>C24-C36)	900		250		ug/L		11/16/16 14:47	11/18/16 05:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	96		50 - 150	11/16/16 14:47	11/18/16 05:23	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-12_20161109

Lab Sample ID: 580-64072-4

Date Collected: 11/09/16 10:50

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			11/18/16 07:42	1
Toluene	ND		2.0		ug/L			11/18/16 07:42	1
Ethylbenzene	ND		3.0		ug/L			11/18/16 07:42	1
Xylenes, Total	ND		3.0		ug/L			11/18/16 07:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	102		80 - 141		11/18/16 07:42	1
Toluene-d8 (Surr)	105		82 - 122		11/18/16 07:42	1
1,2-Dichloroethane-d4 (Surr)	96		65 - 143		11/18/16 07:42	1
4-Bromofluorobenzene (Surr)	95		75 - 125		11/18/16 07:42	1
Dibromofluoromethane (Surr)	100		77 - 118		11/18/16 07:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			11/18/16 18:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	81		50 - 150		11/18/16 18:45	1
4-Bromofluorobenzene (Surr)	96		50 - 150		11/18/16 18:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	120		110		ug/L		11/17/16 11:09	11/17/16 19:53	1
Motor Oil (>C24-C36)	ND		250		ug/L		11/17/16 11:09	11/17/16 19:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	89		50 - 150	11/17/16 11:09	11/17/16 19:53	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-14_20161109

Lab Sample ID: 580-64072-5

Date Collected: 11/09/16 11:10

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			11/18/16 08:11	1
Toluene	ND		2.0		ug/L			11/18/16 08:11	1
Ethylbenzene	ND		3.0		ug/L			11/18/16 08:11	1
Xylenes, Total	ND		3.0		ug/L			11/18/16 08:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	104		80 - 141		11/18/16 08:11	1
Toluene-d8 (Surr)	103		82 - 122		11/18/16 08:11	1
1,2-Dichloroethane-d4 (Surr)	95		65 - 143		11/18/16 08:11	1
4-Bromofluorobenzene (Surr)	96		75 - 125		11/18/16 08:11	1
Dibromofluoromethane (Surr)	100		77 - 118		11/18/16 08:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			11/18/16 19:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	81		50 - 150		11/18/16 19:18	1
4-Bromofluorobenzene (Surr)	98		50 - 150		11/18/16 19:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	400		110		ug/L		11/17/16 11:09	11/17/16 20:15	1
Motor Oil (>C24-C36)	280		250		ug/L		11/17/16 11:09	11/17/16 20:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	102		50 - 150	11/17/16 11:09	11/17/16 20:15	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-17A_20161108

Lab Sample ID: 580-64072-6

Date Collected: 11/08/16 16:00

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			11/17/16 14:13	1
Toluene	ND		2.0		ug/L			11/17/16 14:13	1
Ethylbenzene	ND		3.0		ug/L			11/17/16 14:13	1
Xylenes, Total	ND		3.0		ug/L			11/17/16 14:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	105		80 - 141		11/17/16 14:13	1
Toluene-d8 (Surr)	99		82 - 122		11/17/16 14:13	1
1,2-Dichloroethane-d4 (Surr)	95		65 - 143		11/17/16 14:13	1
4-Bromofluorobenzene (Surr)	105		75 - 125		11/17/16 14:13	1
Dibromofluoromethane (Surr)	102		77 - 118		11/17/16 14:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			11/16/16 22:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	93		50 - 150		11/16/16 22:46	1
4-Bromofluorobenzene (Surr)	96		50 - 150		11/16/16 22:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	340		110		ug/L		11/16/16 14:47	11/18/16 05:46	1
Motor Oil (>C24-C36)	ND		250		ug/L		11/16/16 14:47	11/18/16 05:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	96		50 - 150	11/16/16 14:47	11/18/16 05:46	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-18_20161108

Lab Sample ID: 580-64072-7

Date Collected: 11/08/16 15:30

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	40		2.0		ug/L			11/19/16 07:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	107		80 - 141					11/19/16 07:20	1
Toluene-d8 (Surr)	99		82 - 122					11/19/16 07:20	1
1,2-Dichloroethane-d4 (Surr)	92		65 - 143					11/19/16 07:20	1
4-Bromofluorobenzene (Surr)	107		75 - 125					11/19/16 07:20	1
Dibromofluoromethane (Surr)	101		77 - 118					11/19/16 07:20	1

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	120		40		ug/L			11/21/16 15:18	20
Ethylbenzene	690		60		ug/L			11/21/16 15:18	20
Xylenes, Total	1200		60		ug/L			11/21/16 15:18	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	103		80 - 141					11/21/16 15:18	20
Toluene-d8 (Surr)	105		82 - 122					11/21/16 15:18	20
1,2-Dichloroethane-d4 (Surr)	98		65 - 143					11/21/16 15:18	20
4-Bromofluorobenzene (Surr)	102		75 - 125					11/21/16 15:18	20
Dibromofluoromethane (Surr)	98		77 - 118					11/21/16 15:18	20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	16000		50		ug/L			11/16/16 23:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	119		50 - 150					11/16/16 23:18	1
4-Bromofluorobenzene (Surr)	257	X	50 - 150					11/16/16 23:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	4000		110		ug/L		11/16/16 14:47	11/18/16 06:09	1
Motor Oil (>C24-C36)	ND		250		ug/L		11/16/16 14:47	11/18/16 06:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	100		50 - 150				11/16/16 14:47	11/18/16 06:09	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-19_20161108

Lab Sample ID: 580-64072-8

Date Collected: 11/09/16 10:25

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	8.5		2.0		ug/L			11/18/16 08:40	1
Xylenes, Total	55		3.0		ug/L			11/18/16 08:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	103		80 - 141					11/18/16 08:40	1
Toluene-d8 (Surr)	103		82 - 122					11/18/16 08:40	1
1,2-Dichloroethane-d4 (Surr)	92		65 - 143					11/18/16 08:40	1
4-Bromofluorobenzene (Surr)	104		75 - 125					11/18/16 08:40	1
Dibromofluoromethane (Surr)	98		77 - 118					11/18/16 08:40	1

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	810		200		ug/L			11/18/16 18:05	100
Ethylbenzene	1500		300		ug/L			11/18/16 18:05	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	105		80 - 141					11/18/16 18:05	100
Toluene-d8 (Surr)	101		82 - 122					11/18/16 18:05	100
1,2-Dichloroethane-d4 (Surr)	94		65 - 143					11/18/16 18:05	100
4-Bromofluorobenzene (Surr)	103		75 - 125					11/18/16 18:05	100
Dibromofluoromethane (Surr)	99		77 - 118					11/18/16 18:05	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	9600		50		ug/L			11/18/16 19:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	117		50 - 150					11/18/16 19:50	1
4-Bromofluorobenzene (Surr)	257	X	50 - 150					11/18/16 19:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	3300		110		ug/L		11/18/16 09:50	11/18/16 16:04	1
Motor Oil (>C24-C36)	270		250		ug/L		11/18/16 09:50	11/18/16 16:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	59		50 - 150				11/18/16 09:50	11/18/16 16:04	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-20_20161108

Date Collected: 11/08/16 10:35

Date Received: 11/11/16 11:35

Lab Sample ID: 580-64072-9

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			11/17/16 14:40	1
Toluene	ND		2.0		ug/L			11/17/16 14:40	1
Ethylbenzene	ND		3.0		ug/L			11/17/16 14:40	1
Xylenes, Total	ND		3.0		ug/L			11/17/16 14:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	103		80 - 141		11/17/16 14:40	1
Toluene-d8 (Surr)	100		82 - 122		11/17/16 14:40	1
1,2-Dichloroethane-d4 (Surr)	94		65 - 143		11/17/16 14:40	1
4-Bromofluorobenzene (Surr)	103		75 - 125		11/17/16 14:40	1
Dibromofluoromethane (Surr)	102		77 - 118		11/17/16 14:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			11/17/16 13:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	87		50 - 150		11/17/16 13:10	1
4-Bromofluorobenzene (Surr)	94		50 - 150		11/17/16 13:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		11/17/16 11:09	11/17/16 20:37	1
Motor Oil (>C24-C36)	ND		250		ug/L		11/17/16 11:09	11/17/16 20:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	101		50 - 150	11/17/16 11:09	11/17/16 20:37	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: Dup-1_20161109

Lab Sample ID: 580-64072-10

Date Collected: 11/09/16 09:00

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	6100		200		ug/L			11/18/16 18:32	100
Toluene	280		200		ug/L			11/18/16 18:32	100
Ethylbenzene	2600		300		ug/L			11/18/16 18:32	100
Xylenes, Total	8700		300		ug/L			11/18/16 18:32	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	104		80 - 141		11/18/16 18:32	100
Toluene-d8 (Surr)	102		82 - 122		11/18/16 18:32	100
1,2-Dichloroethane-d4 (Surr)	94		65 - 143		11/18/16 18:32	100
4-Bromofluorobenzene (Surr)	102		75 - 125		11/18/16 18:32	100
Dibromofluoromethane (Surr)	99		77 - 118		11/18/16 18:32	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	39000		2500		ug/L			11/21/16 18:58	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	79		50 - 150		11/21/16 18:58	50
4-Bromofluorobenzene (Surr)	103		50 - 150		11/21/16 18:58	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	3600		110		ug/L		11/17/16 11:09	11/17/16 20:59	1
Motor Oil (>C24-C36)	300		250		ug/L		11/17/16 11:09	11/17/16 20:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	85		50 - 150	11/17/16 11:09	11/17/16 20:59	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: Trip Blank-1_20161108

Lab Sample ID: 580-64072-11

Date Collected: 11/08/16 00:01

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/L			11/17/16 23:54	1
Toluene	ND		0.0020		mg/L			11/17/16 23:54	1
Ethylbenzene	ND		0.0030		mg/L			11/17/16 23:54	1
Xylenes, Total	ND		0.0030		mg/L			11/17/16 23:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	104		80 - 141		11/17/16 23:54	1
Toluene-d8 (Surr)	101		82 - 122		11/17/16 23:54	1
1,2-Dichloroethane-d4 (Surr)	98		65 - 143		11/17/16 23:54	1
4-Bromofluorobenzene (Surr)	102		75 - 125		11/17/16 23:54	1
Dibromofluoromethane (Surr)	99		77 - 118		11/17/16 23:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			11/16/16 20:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	98		50 - 150		11/16/16 20:06	1
4-Bromofluorobenzene (Surr)	98		50 - 150		11/16/16 20:06	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-21_20161108

Lab Sample ID: 580-64072-12

Date Collected: 11/08/16 10:15

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	44		20		ug/L			11/18/16 20:18	10
Toluene	ND		20		ug/L			11/18/16 20:18	10
Ethylbenzene	680		30		ug/L			11/18/16 20:18	10
Xylenes, Total	160		30		ug/L			11/18/16 20:18	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 141		11/18/16 20:18	10
Toluene-d8 (Surr)	101		82 - 122		11/18/16 20:18	10
1,2-Dichloroethane-d4 (Surr)	96		65 - 143		11/18/16 20:18	10
4-Bromofluorobenzene (Surr)	102		75 - 125		11/18/16 20:18	10
Dibromofluoromethane (Surr)	98		77 - 118		11/18/16 20:18	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	10000		50		ug/L			11/17/16 00:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	131		50 - 150		11/17/16 00:54	1
4-Bromofluorobenzene (Surr)	305	X	50 - 150		11/17/16 00:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	5700		110		ug/L		11/16/16 14:47	11/18/16 06:53	1
Motor Oil (>C24-C36)	260		250		ug/L		11/16/16 14:47	11/18/16 06:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	92		50 - 150	11/16/16 14:47	11/18/16 06:53	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-22_20161109

Lab Sample ID: 580-64072-13

Date Collected: 11/09/16 15:40

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			11/18/16 01:13	1
Toluene	ND		2.0		ug/L			11/18/16 01:13	1
Ethylbenzene	ND		3.0		ug/L			11/18/16 01:13	1
Xylenes, Total	5.8		3.0		ug/L			11/18/16 01:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	104		80 - 141		11/18/16 01:13	1
Toluene-d8 (Surr)	100		82 - 122		11/18/16 01:13	1
1,2-Dichloroethane-d4 (Surr)	97		65 - 143		11/18/16 01:13	1
4-Bromofluorobenzene (Surr)	101		75 - 125		11/18/16 01:13	1
Dibromofluoromethane (Surr)	99		77 - 118		11/18/16 01:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	1300		50		ug/L			11/17/16 01:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	90		50 - 150		11/17/16 01:26	1
4-Bromofluorobenzene (Surr)	120		50 - 150		11/17/16 01:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	2600		110		ug/L		11/16/16 14:47	11/18/16 07:15	1
Motor Oil (>C24-C36)	620		250		ug/L		11/16/16 14:47	11/18/16 07:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	93		50 - 150	11/16/16 14:47	11/18/16 07:15	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-23_20161109

Lab Sample ID: 580-64072-14

Date Collected: 11/09/16 11:25

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			11/18/16 01:39	1
Toluene	ND		2.0		ug/L			11/18/16 01:39	1
Ethylbenzene	ND		3.0		ug/L			11/18/16 01:39	1
Xylenes, Total	ND		3.0		ug/L			11/18/16 01:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	100		80 - 141		11/18/16 01:39	1
Toluene-d8 (Surr)	100		82 - 122		11/18/16 01:39	1
1,2-Dichloroethane-d4 (Surr)	98		65 - 143		11/18/16 01:39	1
4-Bromofluorobenzene (Surr)	101		75 - 125		11/18/16 01:39	1
Dibromofluoromethane (Surr)	100		77 - 118		11/18/16 01:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	1200		50		ug/L			11/17/16 01:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	91		50 - 150		11/17/16 01:58	1
4-Bromofluorobenzene (Surr)	137		50 - 150		11/17/16 01:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	4100		110		ug/L		11/16/16 14:47	11/18/16 07:38	1
Motor Oil (>C24-C36)	570		250		ug/L		11/16/16 14:47	11/18/16 07:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	87		50 - 150	11/16/16 14:47	11/18/16 07:38	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-24_20161109

Lab Sample ID: 580-64072-15

Date Collected: 11/09/16 08:50

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	42		2.0		ug/L			11/18/16 10:34	1
Toluene	ND		2.0		ug/L			11/18/16 10:34	1
Ethylbenzene	62		3.0		ug/L			11/18/16 10:34	1
Xylenes, Total	10		3.0		ug/L			11/18/16 10:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	100		80 - 141		11/18/16 10:34	1
Toluene-d8 (Surr)	101		82 - 122		11/18/16 10:34	1
1,2-Dichloroethane-d4 (Surr)	77		65 - 143		11/18/16 10:34	1
4-Bromofluorobenzene (Surr)	103		75 - 125		11/18/16 10:34	1
Dibromofluoromethane (Surr)	94		77 - 118		11/18/16 10:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	2300		250		ug/L			11/21/16 16:53	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	82		50 - 150		11/21/16 16:53	5
4-Bromofluorobenzene (Surr)	112		50 - 150		11/21/16 16:53	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	1600		110		ug/L		11/18/16 09:50	11/18/16 16:25	1
Motor Oil (>C24-C36)	ND		250		ug/L		11/18/16 09:50	11/18/16 16:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	65		50 - 150	11/18/16 09:50	11/18/16 16:25	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-25_20161108

Lab Sample ID: 580-64072-16

Date Collected: 11/08/16 14:50

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	97		2.0		ug/L			11/19/16 07:46	1
Toluene	5.1		2.0		ug/L			11/19/16 07:46	1
Ethylbenzene	99		3.0		ug/L			11/19/16 07:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	105		80 - 141					11/19/16 07:46	1
Toluene-d8 (Surr)	101		82 - 122					11/19/16 07:46	1
1,2-Dichloroethane-d4 (Surr)	92		65 - 143					11/19/16 07:46	1
4-Bromofluorobenzene (Surr)	105		75 - 125					11/19/16 07:46	1
Dibromofluoromethane (Surr)	98		77 - 118					11/19/16 07:46	1

Method: 8260C - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	11		3.0		ug/L			11/21/16 12:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	103		80 - 141					11/21/16 12:27	1
Toluene-d8 (Surr)	104		82 - 122					11/21/16 12:27	1
1,2-Dichloroethane-d4 (Surr)	96		65 - 143					11/21/16 12:27	1
4-Bromofluorobenzene (Surr)	107		75 - 125					11/21/16 12:27	1
Dibromofluoromethane (Surr)	100		77 - 118					11/21/16 12:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	5600		50		ug/L			11/17/16 02:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	99		50 - 150					11/17/16 02:30	1
4-Bromofluorobenzene (Surr)	290	X	50 - 150					11/17/16 02:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	2500		110		ug/L		11/16/16 14:47	11/18/16 08:00	1
Motor Oil (>C24-C36)	ND		250		ug/L		11/16/16 14:47	11/18/16 08:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	97		50 - 150				11/16/16 14:47	11/18/16 08:00	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-28_20161109

Lab Sample ID: 580-64072-17

Date Collected: 11/09/16 08:45

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	54		2.0		ug/L			11/18/16 09:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	99		80 - 141					11/18/16 09:37	1
Toluene-d8 (Surr)	106		82 - 122					11/18/16 09:37	1
1,2-Dichloroethane-d4 (Surr)	79		65 - 143					11/18/16 09:37	1
4-Bromofluorobenzene (Surr)	104		75 - 125					11/18/16 09:37	1
Dibromofluoromethane (Surr)	94		77 - 118					11/18/16 09:37	1

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2700		100		ug/L			11/18/16 17:38	50
Ethylbenzene	510		150		ug/L			11/18/16 17:38	50
Xylenes, Total	300		150		ug/L			11/18/16 17:38	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	106		80 - 141					11/18/16 17:38	50
Toluene-d8 (Surr)	101		82 - 122					11/18/16 17:38	50
1,2-Dichloroethane-d4 (Surr)	95		65 - 143					11/18/16 17:38	50
4-Bromofluorobenzene (Surr)	104		75 - 125					11/18/16 17:38	50
Dibromofluoromethane (Surr)	99		77 - 118					11/18/16 17:38	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	7700		500		ug/L			11/21/16 19:30	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	79		50 - 150					11/21/16 19:30	10
4-Bromofluorobenzene (Surr)	118		50 - 150					11/21/16 19:30	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	4100		110		ug/L		11/18/16 09:50	11/18/16 16:45	1
Motor Oil (>C24-C36)	ND		250		ug/L		11/18/16 09:50	11/18/16 16:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	74		50 - 150				11/18/16 09:50	11/18/16 16:45	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-29_20161109

Lab Sample ID: 580-64072-18

Date Collected: 11/09/16 09:10

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		2.0		ug/L			11/18/16 10:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 141					11/18/16 10:06	1
Toluene-d8 (Surr)	101		82 - 122					11/18/16 10:06	1
1,2-Dichloroethane-d4 (Surr)	81		65 - 143					11/18/16 10:06	1
4-Bromofluorobenzene (Surr)	101		75 - 125					11/18/16 10:06	1
Dibromofluoromethane (Surr)	98		77 - 118					11/18/16 10:06	1

Method: 8260C - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	5.8		2.0		ug/L			11/18/16 13:13	1
Ethylbenzene	3.0		3.0		ug/L			11/18/16 13:13	1
Xylenes, Total	18		3.0		ug/L			11/18/16 13:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	99		80 - 141					11/18/16 13:13	1
Toluene-d8 (Surr)	103		82 - 122					11/18/16 13:13	1
1,2-Dichloroethane-d4 (Surr)	95		65 - 143					11/18/16 13:13	1
4-Bromofluorobenzene (Surr)	100		75 - 125					11/18/16 13:13	1
Dibromofluoromethane (Surr)	100		77 - 118					11/18/16 13:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	160		50		ug/L			11/21/16 14:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	84		50 - 150					11/21/16 14:17	1
4-Bromofluorobenzene (Surr)	99		50 - 150					11/21/16 14:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	310		110		ug/L		11/18/16 09:50	11/18/16 17:06	1
Motor Oil (>C24-C36)	ND		250		ug/L		11/18/16 09:50	11/18/16 17:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	71		50 - 150				11/18/16 09:50	11/18/16 17:06	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-31_20161109

Lab Sample ID: 580-64072-19

Date Collected: 11/09/16 09:30

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2000		40		ug/L			11/21/16 15:46	20
Toluene	470		40		ug/L			11/21/16 15:46	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 141		11/21/16 15:46	20
Toluene-d8 (Surr)	105		82 - 122		11/21/16 15:46	20
1,2-Dichloroethane-d4 (Surr)	95		65 - 143		11/21/16 15:46	20
4-Bromofluorobenzene (Surr)	108		75 - 125		11/21/16 15:46	20
Dibromofluoromethane (Surr)	100		77 - 118		11/21/16 15:46	20

Method: 8260C - Volatile Organic Compounds by GC/MS - DL2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	2100		600		ug/L			11/22/16 17:33	200
Xylenes, Total	9200		600		ug/L			11/22/16 17:33	200

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 141		11/22/16 17:33	200
Toluene-d8 (Surr)	102		82 - 122		11/22/16 17:33	200
1,2-Dichloroethane-d4 (Surr)	75		65 - 143		11/22/16 17:33	200
4-Bromofluorobenzene (Surr)	103		75 - 125		11/22/16 17:33	200
Dibromofluoromethane (Surr)	98		77 - 118		11/22/16 17:33	200

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	46000		2500		ug/L			11/21/16 17:56	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	82		50 - 150		11/21/16 17:56	50
4-Bromofluorobenzene (Surr)	103		50 - 150		11/21/16 17:56	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	3500		110		ug/L		11/18/16 09:50	11/18/16 17:26	1
Motor Oil (>C24-C36)	390		250		ug/L		11/18/16 09:50	11/18/16 17:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	61		50 - 150	11/18/16 09:50	11/18/16 17:26	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-32_20161108

Lab Sample ID: 580-64072-20

Date Collected: 11/08/16 15:10

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	45		20		ug/L			11/18/16 20:45	10
Toluene	ND		20		ug/L			11/18/16 20:45	10
Xylenes, Total	ND		30		ug/L			11/18/16 20:45	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	103		80 - 141		11/18/16 20:45	10
Toluene-d8 (Surr)	101		82 - 122		11/18/16 20:45	10
1,2-Dichloroethane-d4 (Surr)	95		65 - 143		11/18/16 20:45	10
4-Bromofluorobenzene (Surr)	103		75 - 125		11/18/16 20:45	10
Dibromofluoromethane (Surr)	98		77 - 118		11/18/16 20:45	10

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	1400		300		ug/L			11/21/16 13:24	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	103		80 - 141		11/21/16 13:24	100
Toluene-d8 (Surr)	107		82 - 122		11/21/16 13:24	100
1,2-Dichloroethane-d4 (Surr)	97		65 - 143		11/21/16 13:24	100
4-Bromofluorobenzene (Surr)	104		75 - 125		11/21/16 13:24	100
Dibromofluoromethane (Surr)	99		77 - 118		11/21/16 13:24	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	11000		50		ug/L			11/17/16 03:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	113		50 - 150		11/17/16 03:34	1
4-Bromofluorobenzene (Surr)	427	X	50 - 150		11/17/16 03:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	3200		110		ug/L		11/16/16 14:47	11/18/16 08:22	1
Motor Oil (>C24-C36)	ND		250		ug/L		11/16/16 14:47	11/18/16 08:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	92		50 - 150	11/16/16 14:47	11/18/16 08:22	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: Dup-2_20161109

Lab Sample ID: 580-64072-21

Date Collected: 11/09/16 14:00

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		20		ug/L			11/18/16 02:06	10
Toluene	ND		20		ug/L			11/18/16 02:06	10
Ethylbenzene	580		30		ug/L			11/18/16 02:06	10
Xylenes, Total	86		30		ug/L			11/18/16 02:06	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	103		80 - 141		11/18/16 02:06	10
Toluene-d8 (Surr)	100		82 - 122		11/18/16 02:06	10
1,2-Dichloroethane-d4 (Surr)	95		65 - 143		11/18/16 02:06	10
4-Bromofluorobenzene (Surr)	102		75 - 125		11/18/16 02:06	10
Dibromofluoromethane (Surr)	99		77 - 118		11/18/16 02:06	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	8000		50		ug/L			11/17/16 04:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	114		50 - 150		11/17/16 04:06	1
4-Bromofluorobenzene (Surr)	288	X	50 - 150		11/17/16 04:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	2000		110		ug/L		11/16/16 14:47	11/18/16 08:45	1
Motor Oil (>C24-C36)	ND		250		ug/L		11/16/16 14:47	11/18/16 08:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	107		50 - 150	11/16/16 14:47	11/18/16 08:45	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: Trip Blank-2_20161108

Lab Sample ID: 580-64072-22

Date Collected: 11/08/16 00:05

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/L			11/18/16 00:21	1
Toluene	ND		0.0020		mg/L			11/18/16 00:21	1
Ethylbenzene	ND		0.0030		mg/L			11/18/16 00:21	1
Xylenes, Total	ND		0.0030		mg/L			11/18/16 00:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	105		80 - 141		11/18/16 00:21	1
Toluene-d8 (Surr)	99		82 - 122		11/18/16 00:21	1
1,2-Dichloroethane-d4 (Surr)	99		65 - 143		11/18/16 00:21	1
4-Bromofluorobenzene (Surr)	101		75 - 125		11/18/16 00:21	1
Dibromofluoromethane (Surr)	98		77 - 118		11/18/16 00:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			11/16/16 20:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	95		50 - 150		11/16/16 20:38	1
4-Bromofluorobenzene (Surr)	95		50 - 150		11/16/16 20:38	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-35_20161109

Lab Sample ID: 580-64072-23

Date Collected: 11/09/16 09:35

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	2500		150		ug/L			11/21/16 19:07	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	102		80 - 141					11/21/16 19:07	50
Toluene-d8 (Surr)	102		82 - 122					11/21/16 19:07	50
1,2-Dichloroethane-d4 (Surr)	98		65 - 143					11/21/16 19:07	50
4-Bromofluorobenzene (Surr)	105		75 - 125					11/21/16 19:07	50
Dibromofluoromethane (Surr)	99		77 - 118					11/21/16 19:07	50

Method: 8260C - Volatile Organic Compounds by GC/MS - DL2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	10000		2000		ug/L			11/22/16 18:30	1000
Toluene	5700		2000		ug/L			11/22/16 18:30	1000
Xylenes, Total	11000		3000		ug/L			11/22/16 18:30	1000
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	100		80 - 141					11/22/16 18:30	1000
Toluene-d8 (Surr)	108		82 - 122					11/22/16 18:30	1000
1,2-Dichloroethane-d4 (Surr)	73		65 - 143					11/22/16 18:30	1000
4-Bromofluorobenzene (Surr)	97		75 - 125					11/22/16 18:30	1000
Dibromofluoromethane (Surr)	97		77 - 118					11/22/16 18:30	1000

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	59000		5000		ug/L			11/21/16 17:24	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	82		50 - 150					11/21/16 17:24	100
4-Bromofluorobenzene (Surr)	100		50 - 150					11/21/16 17:24	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	5300		110		ug/L		11/16/16 14:47	11/18/16 09:08	1
Motor Oil (>C24-C36)	280		250		ug/L		11/16/16 14:47	11/18/16 09:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	93		50 - 150				11/16/16 14:47	11/18/16 09:08	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-36_20161109

Lab Sample ID: 580-64072-24

Date Collected: 11/09/16 10:00

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	250	F1	40		ug/L			11/21/16 16:15	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	103		80 - 141					11/21/16 16:15	20
Toluene-d8 (Surr)	105		82 - 122					11/21/16 16:15	20
1,2-Dichloroethane-d4 (Surr)	93		65 - 143					11/21/16 16:15	20
4-Bromofluorobenzene (Surr)	106		75 - 125					11/21/16 16:15	20
Dibromofluoromethane (Surr)	98		77 - 118					11/21/16 16:15	20

Method: 8260C - Volatile Organic Compounds by GC/MS - DL2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	5100	F1	400		ug/L			11/22/16 14:42	200
Ethylbenzene	1900		600		ug/L			11/22/16 14:42	200
Xylenes, Total	6500		600		ug/L			11/22/16 14:42	200
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	98		80 - 141					11/22/16 14:42	200
Toluene-d8 (Surr)	107		82 - 122					11/22/16 14:42	200
1,2-Dichloroethane-d4 (Surr)	73		65 - 143					11/22/16 14:42	200
4-Bromofluorobenzene (Surr)	101		75 - 125					11/22/16 14:42	200
Dibromofluoromethane (Surr)	92		77 - 118					11/22/16 14:42	200

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	44000		2500		ug/L			11/22/16 18:08	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	72		50 - 150					11/22/16 18:08	50
4-Bromofluorobenzene (Surr)	102		50 - 150					11/22/16 18:08	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	3700	F1 F2	110		ug/L		11/18/16 09:50	11/18/16 17:47	1
Motor Oil (>C24-C36)	ND	F2	260		ug/L		11/18/16 09:50	11/18/16 17:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	71		50 - 150				11/18/16 09:50	11/18/16 17:47	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-37_20161108

Lab Sample ID: 580-64072-25

Date Collected: 11/08/16 11:45

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			11/17/16 15:08	1
Toluene	ND		2.0		ug/L			11/17/16 15:08	1
Ethylbenzene	ND		3.0		ug/L			11/17/16 15:08	1
Xylenes, Total	ND		3.0		ug/L			11/17/16 15:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	105		80 - 141		11/17/16 15:08	1
Toluene-d8 (Surr)	101		82 - 122		11/17/16 15:08	1
1,2-Dichloroethane-d4 (Surr)	96		65 - 143		11/17/16 15:08	1
4-Bromofluorobenzene (Surr)	105		75 - 125		11/17/16 15:08	1
Dibromofluoromethane (Surr)	103		77 - 118		11/17/16 15:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			11/17/16 13:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	86		50 - 150		11/17/16 13:42	1
4-Bromofluorobenzene (Surr)	94		50 - 150		11/17/16 13:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		11/17/16 11:09	11/17/16 21:21	1
Motor Oil (>C24-C36)	ND		250		ug/L		11/17/16 11:09	11/17/16 21:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	99		50 - 150	11/17/16 11:09	11/17/16 21:21	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-38_20161108

Lab Sample ID: 580-64072-26

Date Collected: 11/08/16 15:10

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	66		2.0		ug/L			11/17/16 15:35	1
Toluene	2.0		2.0		ug/L			11/17/16 15:35	1
Ethylbenzene	ND		3.0		ug/L			11/17/16 15:35	1
Xylenes, Total	ND		3.0		ug/L			11/17/16 15:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	105		80 - 141		11/17/16 15:35	1
Toluene-d8 (Surr)	99		82 - 122		11/17/16 15:35	1
1,2-Dichloroethane-d4 (Surr)	94		65 - 143		11/17/16 15:35	1
4-Bromofluorobenzene (Surr)	103		75 - 125		11/17/16 15:35	1
Dibromofluoromethane (Surr)	102		77 - 118		11/17/16 15:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	870		50		ug/L			11/17/16 05:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	91		50 - 150		11/17/16 05:10	1
4-Bromofluorobenzene (Surr)	115		50 - 150		11/17/16 05:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	490		110		ug/L		11/17/16 11:09	11/17/16 21:43	1
Motor Oil (>C24-C36)	ND		250		ug/L		11/17/16 11:09	11/17/16 21:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	99		50 - 150	11/17/16 11:09	11/17/16 21:43	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-39_20161108

Lab Sample ID: 580-64072-27

Date Collected: 11/08/16 11:25

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			11/17/16 16:00	1
Toluene	ND		2.0		ug/L			11/17/16 16:00	1
Ethylbenzene	ND		3.0		ug/L			11/17/16 16:00	1
Xylenes, Total	ND		3.0		ug/L			11/17/16 16:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	102		80 - 141		11/17/16 16:00	1
Toluene-d8 (Surr)	101		82 - 122		11/17/16 16:00	1
1,2-Dichloroethane-d4 (Surr)	95		65 - 143		11/17/16 16:00	1
4-Bromofluorobenzene (Surr)	104		75 - 125		11/17/16 16:00	1
Dibromofluoromethane (Surr)	102		77 - 118		11/17/16 16:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			11/17/16 05:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	91		50 - 150		11/17/16 05:42	1
4-Bromofluorobenzene (Surr)	95		50 - 150		11/17/16 05:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		11/17/16 11:09	11/17/16 22:05	1
Motor Oil (>C24-C36)	ND		250		ug/L		11/17/16 11:09	11/17/16 22:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	86		50 - 150	11/17/16 11:09	11/17/16 22:05	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-40_20161108

Lab Sample ID: 580-64072-28

Date Collected: 11/08/16 10:30

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			11/17/16 16:27	1
Toluene	ND		2.0		ug/L			11/17/16 16:27	1
Ethylbenzene	ND		3.0		ug/L			11/17/16 16:27	1
Xylenes, Total	ND		3.0		ug/L			11/17/16 16:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	103		80 - 141		11/17/16 16:27	1
Toluene-d8 (Surr)	100		82 - 122		11/17/16 16:27	1
1,2-Dichloroethane-d4 (Surr)	95		65 - 143		11/17/16 16:27	1
4-Bromofluorobenzene (Surr)	102		75 - 125		11/17/16 16:27	1
Dibromofluoromethane (Surr)	100		77 - 118		11/17/16 16:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			11/17/16 06:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	91		50 - 150		11/17/16 06:14	1
4-Bromofluorobenzene (Surr)	95		50 - 150		11/17/16 06:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		11/17/16 11:09	11/17/16 22:48	1
Motor Oil (>C24-C36)	ND		250		ug/L		11/17/16 11:09	11/17/16 22:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	97		50 - 150	11/17/16 11:09	11/17/16 22:48	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-41_20161109

Lab Sample ID: 580-64072-29

Date Collected: 11/09/16 14:15

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			11/17/16 16:54	1
Toluene	ND		2.0		ug/L			11/17/16 16:54	1
Ethylbenzene	ND		3.0		ug/L			11/17/16 16:54	1
Xylenes, Total	ND		3.0		ug/L			11/17/16 16:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	106		80 - 141		11/17/16 16:54	1
Toluene-d8 (Surr)	100		82 - 122		11/17/16 16:54	1
1,2-Dichloroethane-d4 (Surr)	95		65 - 143		11/17/16 16:54	1
4-Bromofluorobenzene (Surr)	103		75 - 125		11/17/16 16:54	1
Dibromofluoromethane (Surr)	99		77 - 118		11/17/16 16:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			11/17/16 06:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	90		50 - 150		11/17/16 06:46	1
4-Bromofluorobenzene (Surr)	94		50 - 150		11/17/16 06:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		11/22/16 13:43	11/23/16 18:18	1
Motor Oil (>C24-C36)	ND		250		ug/L		11/22/16 13:43	11/23/16 18:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	81		50 - 150	11/22/16 13:43	11/23/16 18:18	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-42_20161109

Lab Sample ID: 580-64072-30

Date Collected: 11/09/16 14:35

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	450		40		ug/L			11/18/16 18:58	20
Toluene	ND		40		ug/L			11/18/16 18:58	20
Ethylbenzene	1700		60		ug/L			11/18/16 18:58	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	103		80 - 141					11/18/16 18:58	20
Toluene-d8 (Surr)	102		82 - 122					11/18/16 18:58	20
1,2-Dichloroethane-d4 (Surr)	93		65 - 143					11/18/16 18:58	20
4-Bromofluorobenzene (Surr)	104		75 - 125					11/18/16 18:58	20
Dibromofluoromethane (Surr)	98		77 - 118					11/18/16 18:58	20

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	3900		600		ug/L			11/21/16 13:52	200
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	102		80 - 141					11/21/16 13:52	200
Toluene-d8 (Surr)	105		82 - 122					11/21/16 13:52	200
1,2-Dichloroethane-d4 (Surr)	95		65 - 143					11/21/16 13:52	200
4-Bromofluorobenzene (Surr)	102		75 - 125					11/21/16 13:52	200
Dibromofluoromethane (Surr)	101		77 - 118					11/21/16 13:52	200

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	27000		1300		ug/L			11/17/16 16:54	25
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	84		50 - 150					11/17/16 16:54	25
4-Bromofluorobenzene (Surr)	104		50 - 150					11/17/16 16:54	25

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	3900	F1 F2	110		ug/L		11/17/16 11:09	11/17/16 23:10	1
Motor Oil (>C24-C36)	ND	F2	260		ug/L		11/17/16 11:09	11/17/16 23:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	82		50 - 150				11/17/16 11:09	11/17/16 23:10	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-43_20161109

Lab Sample ID: 580-64072-31

Date Collected: 11/09/16 15:00

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		40		ug/L			11/18/16 21:12	20
Toluene	ND		40		ug/L			11/18/16 21:12	20
Ethylbenzene	230		60		ug/L			11/18/16 21:12	20
Xylenes, Total	960		60		ug/L			11/18/16 21:12	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	102		80 - 141		11/18/16 21:12	20
Toluene-d8 (Surr)	102		82 - 122		11/18/16 21:12	20
1,2-Dichloroethane-d4 (Surr)	94		65 - 143		11/18/16 21:12	20
4-Bromofluorobenzene (Surr)	102		75 - 125		11/18/16 21:12	20
Dibromofluoromethane (Surr)	97		77 - 118		11/18/16 21:12	20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	20000		50		ug/L			11/16/16 21:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	105		50 - 150		11/16/16 21:06	1
4-Bromofluorobenzene (Surr)	251	X	50 - 150		11/16/16 21:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	4900		110		ug/L		11/22/16 13:43	11/23/16 18:40	1
Motor Oil (>C24-C36)	ND		250		ug/L		11/22/16 13:43	11/23/16 18:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	76		50 - 150	11/22/16 13:43	11/23/16 18:40	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-44_20161109

Lab Sample ID: 580-64072-33

Date Collected: 11/09/16 15:20

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	5.1		2.0		ug/L			11/18/16 21:38	1
Toluene	4.3		2.0		ug/L			11/18/16 21:38	1
Xylenes, Total	82		3.0		ug/L			11/18/16 21:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	102		80 - 141		11/18/16 21:38	1
Toluene-d8 (Surr)	101		82 - 122		11/18/16 21:38	1
1,2-Dichloroethane-d4 (Surr)	94		65 - 143		11/18/16 21:38	1
4-Bromofluorobenzene (Surr)	103		75 - 125		11/18/16 21:38	1
Dibromofluoromethane (Surr)	97		77 - 118		11/18/16 21:38	1

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	590		300		ug/L			11/19/16 02:56	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 141		11/19/16 02:56	100
Toluene-d8 (Surr)	103		82 - 122		11/19/16 02:56	100
1,2-Dichloroethane-d4 (Surr)	97		65 - 143		11/19/16 02:56	100
4-Bromofluorobenzene (Surr)	99		75 - 125		11/19/16 02:56	100
Dibromofluoromethane (Surr)	97		77 - 118		11/19/16 02:56	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	7500		50		ug/L			11/16/16 21:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	121		50 - 150		11/16/16 21:37	1
4-Bromofluorobenzene (Surr)	297	X	50 - 150		11/16/16 21:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	1700		110		ug/L		11/22/16 13:43	11/23/16 19:02	1
Motor Oil (>C24-C36)	ND		250		ug/L		11/22/16 13:43	11/23/16 19:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	84		50 - 150	11/22/16 13:43	11/23/16 19:02	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-45_20161108

Lab Sample ID: 580-64072-34

Date Collected: 11/08/16 14:30

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	16		2.0		ug/L			11/18/16 11:03	1
Toluene	3.1		2.0		ug/L			11/18/16 11:03	1
Xylenes, Total	13		3.0		ug/L			11/18/16 11:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 141					11/18/16 11:03	1
Toluene-d8 (Surr)	108		82 - 122					11/18/16 11:03	1
1,2-Dichloroethane-d4 (Surr)	77		65 - 143					11/18/16 11:03	1
4-Bromofluorobenzene (Surr)	104		75 - 125					11/18/16 11:03	1
Dibromofluoromethane (Surr)	97		77 - 118					11/18/16 11:03	1

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	890		60		ug/L			11/18/16 14:24	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 141					11/18/16 14:24	20
Toluene-d8 (Surr)	103		82 - 122					11/18/16 14:24	20
1,2-Dichloroethane-d4 (Surr)	79		65 - 143					11/18/16 14:24	20
4-Bromofluorobenzene (Surr)	101		75 - 125					11/18/16 14:24	20
Dibromofluoromethane (Surr)	96		77 - 118					11/18/16 14:24	20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	5900		500		ug/L			11/21/16 18:27	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	81		50 - 150					11/21/16 18:27	10
4-Bromofluorobenzene (Surr)	122		50 - 150					11/21/16 18:27	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	2200		110		ug/L		11/17/16 11:09	11/18/16 00:16	1
Motor Oil (>C24-C36)	ND		250		ug/L		11/17/16 11:09	11/18/16 00:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	85		50 - 150				11/17/16 11:09	11/18/16 00:16	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-47_20161108

Lab Sample ID: 580-64072-35

Date Collected: 11/08/16 11:40

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			11/18/16 11:32	1
Toluene	ND		2.0		ug/L			11/18/16 11:32	1
Ethylbenzene	ND		3.0		ug/L			11/18/16 11:32	1
Xylenes, Total	ND		3.0		ug/L			11/18/16 11:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	104		80 - 141		11/18/16 11:32	1
Toluene-d8 (Surr)	105		82 - 122		11/18/16 11:32	1
1,2-Dichloroethane-d4 (Surr)	80		65 - 143		11/18/16 11:32	1
4-Bromofluorobenzene (Surr)	101		75 - 125		11/18/16 11:32	1
Dibromofluoromethane (Surr)	100		77 - 118		11/18/16 11:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			11/21/16 14:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	84		50 - 150		11/21/16 14:49	1
4-Bromofluorobenzene (Surr)	99		50 - 150		11/21/16 14:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	130		110		ug/L		11/17/16 11:09	11/18/16 00:38	1
Motor Oil (>C24-C36)	ND		250		ug/L		11/17/16 11:09	11/18/16 00:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	105		50 - 150	11/17/16 11:09	11/18/16 00:38	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-48_20161108

Lab Sample ID: 580-64072-36

Date Collected: 11/08/16 11:25

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			11/18/16 12:00	1
Toluene	ND		2.0		ug/L			11/18/16 12:00	1
Ethylbenzene	ND		3.0		ug/L			11/18/16 12:00	1
Xylenes, Total	ND		3.0		ug/L			11/18/16 12:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	102		80 - 141		11/18/16 12:00	1
Toluene-d8 (Surr)	104		82 - 122		11/18/16 12:00	1
1,2-Dichloroethane-d4 (Surr)	78		65 - 143		11/18/16 12:00	1
4-Bromofluorobenzene (Surr)	101		75 - 125		11/18/16 12:00	1
Dibromofluoromethane (Surr)	97		77 - 118		11/18/16 12:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			11/21/16 20:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	82		50 - 150		11/21/16 20:32	1
4-Bromofluorobenzene (Surr)	97		50 - 150		11/21/16 20:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		11/17/16 11:09	11/18/16 01:00	1
Motor Oil (>C24-C36)	ND		250		ug/L		11/17/16 11:09	11/18/16 01:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	85		50 - 150	11/17/16 11:09	11/18/16 01:00	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-49_20161108

Lab Sample ID: 580-64072-37

Date Collected: 11/08/16 11:00

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			11/18/16 12:28	1
Toluene	ND		2.0		ug/L			11/18/16 12:28	1
Ethylbenzene	ND		3.0		ug/L			11/18/16 12:28	1
Xylenes, Total	ND		3.0		ug/L			11/18/16 12:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	104		80 - 141		11/18/16 12:28	1
Toluene-d8 (Surr)	108		82 - 122		11/18/16 12:28	1
1,2-Dichloroethane-d4 (Surr)	78		65 - 143		11/18/16 12:28	1
4-Bromofluorobenzene (Surr)	103		75 - 125		11/18/16 12:28	1
Dibromofluoromethane (Surr)	98		77 - 118		11/18/16 12:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			11/21/16 21:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	82		50 - 150		11/21/16 21:03	1
4-Bromofluorobenzene (Surr)	98		50 - 150		11/21/16 21:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		11/18/16 09:50	11/18/16 19:09	1
Motor Oil (>C24-C36)	ND		250		ug/L		11/18/16 09:50	11/18/16 19:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	73		50 - 150	11/18/16 09:50	11/18/16 19:09	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-50_20161108

Lab Sample ID: 580-64072-38

Date Collected: 11/08/16 11:00

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			11/18/16 12:57	1
Toluene	ND		2.0		ug/L			11/18/16 12:57	1
Ethylbenzene	ND		3.0		ug/L			11/18/16 12:57	1
Xylenes, Total	ND		3.0		ug/L			11/18/16 12:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 141		11/18/16 12:57	1
Toluene-d8 (Surr)	103		82 - 122		11/18/16 12:57	1
1,2-Dichloroethane-d4 (Surr)	79		65 - 143		11/18/16 12:57	1
4-Bromofluorobenzene (Surr)	102		75 - 125		11/18/16 12:57	1
Dibromofluoromethane (Surr)	98		77 - 118		11/18/16 12:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			11/21/16 21:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	82		50 - 150		11/21/16 21:34	1
4-Bromofluorobenzene (Surr)	98		50 - 150		11/21/16 21:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		11/18/16 09:50	11/18/16 19:29	1
Motor Oil (>C24-C36)	ND		250		ug/L		11/18/16 09:50	11/18/16 19:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	73		50 - 150	11/18/16 09:50	11/18/16 19:29	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-51_20161108

Lab Sample ID: 580-64072-39

Date Collected: 11/08/16 14:50

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			11/18/16 13:26	1
Toluene	ND		2.0		ug/L			11/18/16 13:26	1
Ethylbenzene	ND		3.0		ug/L			11/18/16 13:26	1
Xylenes, Total	ND		3.0		ug/L			11/18/16 13:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 141		11/18/16 13:26	1
Toluene-d8 (Surr)	105		82 - 122		11/18/16 13:26	1
1,2-Dichloroethane-d4 (Surr)	80		65 - 143		11/18/16 13:26	1
4-Bromofluorobenzene (Surr)	98		75 - 125		11/18/16 13:26	1
Dibromofluoromethane (Surr)	101		77 - 118		11/18/16 13:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			11/18/16 21:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	83		50 - 150		11/18/16 21:21	1
4-Bromofluorobenzene (Surr)	97		50 - 150		11/18/16 21:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		11/16/16 14:47	11/18/16 09:30	1
Motor Oil (>C24-C36)	ND		250		ug/L		11/16/16 14:47	11/18/16 09:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	95		50 - 150	11/16/16 14:47	11/18/16 09:30	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-52_20161108

Lab Sample ID: 580-64072-40

Date Collected: 11/08/16 15:30

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	8.0		2.0		ug/L			11/18/16 13:55	1
Xylenes, Total	16		3.0		ug/L			11/18/16 13:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	99		80 - 141					11/18/16 13:55	1
Toluene-d8 (Surr)	104		82 - 122					11/18/16 13:55	1
1,2-Dichloroethane-d4 (Surr)	79		65 - 143					11/18/16 13:55	1
4-Bromofluorobenzene (Surr)	102		75 - 125					11/18/16 13:55	1
Dibromofluoromethane (Surr)	97		77 - 118					11/18/16 13:55	1

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	550		100		ug/L			11/19/16 03:22	50
Ethylbenzene	1800		150		ug/L			11/19/16 03:22	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 141					11/19/16 03:22	50
Toluene-d8 (Surr)	103		82 - 122					11/19/16 03:22	50
1,2-Dichloroethane-d4 (Surr)	97		65 - 143					11/19/16 03:22	50
4-Bromofluorobenzene (Surr)	100		75 - 125					11/19/16 03:22	50
Dibromofluoromethane (Surr)	97		77 - 118					11/19/16 03:22	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	11000		50		ug/L			11/18/16 21:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	97		50 - 150					11/18/16 21:53	1
4-Bromofluorobenzene (Surr)	457	X	50 - 150					11/18/16 21:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	3900		110		ug/L		11/16/16 14:47	11/18/16 09:52	1
Motor Oil (>C24-C36)	ND		250		ug/L		11/16/16 14:47	11/18/16 09:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	58		50 - 150				11/16/16 14:47	11/18/16 09:52	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-53_20161109

Lab Sample ID: 580-64072-41

Date Collected: 11/09/16 09:50

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	330		100		ug/L			11/21/16 19:35	50
Ethylbenzene	2400		150		ug/L			11/21/16 19:35	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	102		80 - 141					11/21/16 19:35	50
Toluene-d8 (Surr)	103		82 - 122					11/21/16 19:35	50
1,2-Dichloroethane-d4 (Surr)	93		65 - 143					11/21/16 19:35	50
4-Bromofluorobenzene (Surr)	107		75 - 125					11/21/16 19:35	50
Dibromofluoromethane (Surr)	98		77 - 118					11/21/16 19:35	50

Method: 8260C - Volatile Organic Compounds by GC/MS - DL2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	12000		2000		ug/L			11/22/16 18:01	1000
Xylenes, Total	6700		3000		ug/L			11/22/16 18:01	1000
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 141					11/22/16 18:01	1000
Toluene-d8 (Surr)	104		82 - 122					11/22/16 18:01	1000
1,2-Dichloroethane-d4 (Surr)	75		65 - 143					11/22/16 18:01	1000
4-Bromofluorobenzene (Surr)	104		75 - 125					11/22/16 18:01	1000
Dibromofluoromethane (Surr)	96		77 - 118					11/22/16 18:01	1000

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	34000		2500		ug/L			11/21/16 16:22	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	83		50 - 150					11/21/16 16:22	50
4-Bromofluorobenzene (Surr)	102		50 - 150					11/21/16 16:22	50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	4600		110		ug/L		11/18/16 09:50	11/18/16 19:49	1
Motor Oil (>C24-C36)	280		250		ug/L		11/18/16 09:50	11/18/16 19:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	81		50 - 150				11/18/16 09:50	11/18/16 19:49	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-54_20161108

Lab Sample ID: 580-64072-42

Date Collected: 11/08/16 12:05

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		2.0		ug/L			11/19/16 04:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	103		80 - 141					11/19/16 04:15	1
Toluene-d8 (Surr)	101		82 - 122					11/19/16 04:15	1
1,2-Dichloroethane-d4 (Surr)	94		65 - 143					11/19/16 04:15	1
4-Bromofluorobenzene (Surr)	103		75 - 125					11/19/16 04:15	1
Dibromofluoromethane (Surr)	95		77 - 118					11/19/16 04:15	1

Method: 8260C - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			11/21/16 11:30	1
Ethylbenzene	ND		3.0		ug/L			11/21/16 11:30	1
Xylenes, Total	ND		3.0		ug/L			11/21/16 11:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	109		80 - 141					11/21/16 11:30	1
Toluene-d8 (Surr)	108		82 - 122					11/21/16 11:30	1
1,2-Dichloroethane-d4 (Surr)	100		65 - 143					11/21/16 11:30	1
4-Bromofluorobenzene (Surr)	101		75 - 125					11/21/16 11:30	1
Dibromofluoromethane (Surr)	105		77 - 118					11/21/16 11:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			11/21/16 15:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	93		50 - 150					11/21/16 15:20	1
4-Bromofluorobenzene (Surr)	99		50 - 150					11/21/16 15:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		11/16/16 14:47	11/18/16 10:14	1
Motor Oil (>C24-C36)	ND		250		ug/L		11/16/16 14:47	11/18/16 10:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	85		50 - 150				11/16/16 14:47	11/18/16 10:14	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: Dup-4_20161109

Lab Sample ID: 580-64072-43

Date Collected: 11/09/16 04:30

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		2.0		ug/L			11/19/16 04:41	1
Ethylbenzene	ND		3.0		ug/L			11/19/16 04:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	102		80 - 141					11/19/16 04:41	1
Toluene-d8 (Surr)	101		82 - 122					11/19/16 04:41	1
1,2-Dichloroethane-d4 (Surr)	96		65 - 143					11/19/16 04:41	1
4-Bromofluorobenzene (Surr)	102		75 - 125					11/19/16 04:41	1
Dibromofluoromethane (Surr)	99		77 - 118					11/19/16 04:41	1

Method: 8260C - Volatile Organic Compounds by GC/MS - RA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			11/21/16 11:59	1
Xylenes, Total	ND		3.0		ug/L			11/21/16 11:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	103		80 - 141					11/21/16 11:59	1
Toluene-d8 (Surr)	102		82 - 122					11/21/16 11:59	1
1,2-Dichloroethane-d4 (Surr)	99		65 - 143					11/21/16 11:59	1
4-Bromofluorobenzene (Surr)	105		75 - 125					11/21/16 11:59	1
Dibromofluoromethane (Surr)	101		77 - 118					11/21/16 11:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	1700		50		ug/L			11/18/16 23:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	84		50 - 150					11/18/16 23:27	1
4-Bromofluorobenzene (Surr)	158	X	50 - 150					11/18/16 23:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	5100		110		ug/L		11/16/16 14:47	11/18/16 10:58	1
Motor Oil (>C24-C36)	800		250		ug/L		11/16/16 14:47	11/18/16 10:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	83		50 - 150				11/16/16 14:47	11/18/16 10:58	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: Trip Blank-4_20161108

Lab Sample ID: 580-64072-44

Date Collected: 11/08/16 00:15

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/L			11/18/16 05:15	1
Toluene	ND		0.0020		mg/L			11/18/16 05:15	1
Ethylbenzene	ND		0.0030		mg/L			11/18/16 05:15	1
Xylenes, Total	ND		0.0030		mg/L			11/18/16 05:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 141		11/18/16 05:15	1
Toluene-d8 (Surr)	104		82 - 122		11/18/16 05:15	1
1,2-Dichloroethane-d4 (Surr)	95		65 - 143		11/18/16 05:15	1
4-Bromofluorobenzene (Surr)	97		75 - 125		11/18/16 05:15	1
Dibromofluoromethane (Surr)	102		77 - 118		11/18/16 05:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			11/18/16 17:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	82		50 - 150		11/18/16 17:07	1
4-Bromofluorobenzene (Surr)	97		50 - 150		11/18/16 17:07	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: IW-1_20161109

Lab Sample ID: 580-64072-45

Date Collected: 11/09/16 11:20

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			11/19/16 05:08	1
Toluene	ND		2.0		ug/L			11/19/16 05:08	1
Ethylbenzene	ND		3.0		ug/L			11/19/16 05:08	1
Xylenes, Total	ND		3.0		ug/L			11/19/16 05:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	105		80 - 141		11/19/16 05:08	1
Toluene-d8 (Surr)	100		82 - 122		11/19/16 05:08	1
1,2-Dichloroethane-d4 (Surr)	94		65 - 143		11/19/16 05:08	1
4-Bromofluorobenzene (Surr)	103		75 - 125		11/19/16 05:08	1
Dibromofluoromethane (Surr)	98		77 - 118		11/19/16 05:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			11/21/16 13:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	84		50 - 150		11/21/16 13:15	1
4-Bromofluorobenzene (Surr)	97		50 - 150		11/21/16 13:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	140		110		ug/L		11/18/16 09:50	11/18/16 20:10	1
Motor Oil (>C24-C36)	ND		260		ug/L		11/18/16 09:50	11/18/16 20:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	76		50 - 150	11/18/16 09:50	11/18/16 20:10	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-55_20161110

Lab Sample ID: 580-64072-46

Date Collected: 11/10/16 09:05

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			11/18/16 06:12	1
Toluene	ND		2.0		ug/L			11/18/16 06:12	1
Ethylbenzene	ND		3.0		ug/L			11/18/16 06:12	1
Xylenes, Total	ND		3.0		ug/L			11/18/16 06:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	103		80 - 141		11/18/16 06:12	1
Toluene-d8 (Surr)	107		82 - 122		11/18/16 06:12	1
1,2-Dichloroethane-d4 (Surr)	97		65 - 143		11/18/16 06:12	1
4-Bromofluorobenzene (Surr)	96		75 - 125		11/18/16 06:12	1
Dibromofluoromethane (Surr)	100		77 - 118		11/18/16 06:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			11/17/16 14:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	85		50 - 150		11/17/16 14:46	1
4-Bromofluorobenzene (Surr)	95		50 - 150		11/17/16 14:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		11/16/16 14:47	11/18/16 11:21	1
Motor Oil (>C24-C36)	ND		250		ug/L		11/16/16 14:47	11/18/16 11:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	100		50 - 150	11/16/16 14:47	11/18/16 11:21	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-56_20161110

Lab Sample ID: 580-64072-47

Date Collected: 11/10/16 08:45

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	19		2.0		ug/L			11/19/16 05:35	1
Toluene	45		2.0		ug/L			11/19/16 05:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	107		80 - 141					11/19/16 05:35	1
Toluene-d8 (Surr)	101		82 - 122					11/19/16 05:35	1
1,2-Dichloroethane-d4 (Surr)	93		65 - 143					11/19/16 05:35	1
4-Bromofluorobenzene (Surr)	105		75 - 125					11/19/16 05:35	1
Dibromofluoromethane (Surr)	97		77 - 118					11/19/16 05:35	1

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	740		60		ug/L			11/21/16 17:41	20
Xylenes, Total	3000		60		ug/L			11/21/16 17:41	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	106		80 - 141					11/21/16 17:41	20
Toluene-d8 (Surr)	103		82 - 122					11/21/16 17:41	20
1,2-Dichloroethane-d4 (Surr)	93		65 - 143					11/21/16 17:41	20
4-Bromofluorobenzene (Surr)	106		75 - 125					11/21/16 17:41	20
Dibromofluoromethane (Surr)	99		77 - 118					11/21/16 17:41	20

Method: 8260C - Volatile Organic Compounds by GC/MS - DL2

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	102		80 - 141					11/22/16 17:05	200
Toluene-d8 (Surr)	107		82 - 122					11/22/16 17:05	200
1,2-Dichloroethane-d4 (Surr)	74		65 - 143					11/22/16 17:05	200
4-Bromofluorobenzene (Surr)	103		75 - 125					11/22/16 17:05	200
Dibromofluoromethane (Surr)	98		77 - 118					11/22/16 17:05	200

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	10000		50		ug/L			11/16/16 22:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	107		50 - 150					11/16/16 22:39	1
4-Bromofluorobenzene (Surr)	152	X	50 - 150					11/16/16 22:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	1400		110		ug/L		11/16/16 14:47	11/18/16 11:43	1
Motor Oil (>C24-C36)	ND		250		ug/L		11/16/16 14:47	11/18/16 11:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	91		50 - 150				11/16/16 14:47	11/18/16 11:43	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-57_20161109

Lab Sample ID: 580-64072-48

Date Collected: 11/09/16 15:25

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	13		2.0		ug/L			11/18/16 13:40	1
Toluene	ND		2.0		ug/L			11/18/16 13:40	1
Ethylbenzene	ND		3.0		ug/L			11/18/16 13:40	1
Xylenes, Total	ND	F1	3.0		ug/L			11/18/16 13:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	99		80 - 141		11/18/16 13:40	1
Toluene-d8 (Surr)	102		82 - 122		11/18/16 13:40	1
1,2-Dichloroethane-d4 (Surr)	95		65 - 143		11/18/16 13:40	1
4-Bromofluorobenzene (Surr)	100		75 - 125		11/18/16 13:40	1
Dibromofluoromethane (Surr)	96		77 - 118		11/18/16 13:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	150		50		ug/L			11/17/16 16:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	86		50 - 150		11/17/16 16:22	1
4-Bromofluorobenzene (Surr)	108		50 - 150		11/17/16 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	150	F2	110		ug/L		11/17/16 11:09	11/18/16 01:21	1
Motor Oil (>C24-C36)	ND	F2	250		ug/L		11/17/16 11:09	11/18/16 01:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	93		50 - 150	11/17/16 11:09	11/18/16 01:21	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-58_20161109

Lab Sample ID: 580-64072-49

Date Collected: 11/09/16 15:00

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			11/18/16 14:06	1
Toluene	ND		2.0		ug/L			11/18/16 14:06	1
Ethylbenzene	ND		3.0		ug/L			11/18/16 14:06	1
Xylenes, Total	ND		3.0		ug/L			11/18/16 14:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 141		11/18/16 14:06	1
Toluene-d8 (Surr)	102		82 - 122		11/18/16 14:06	1
1,2-Dichloroethane-d4 (Surr)	96		65 - 143		11/18/16 14:06	1
4-Bromofluorobenzene (Surr)	101		75 - 125		11/18/16 14:06	1
Dibromofluoromethane (Surr)	98		77 - 118		11/18/16 14:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	2200		50		ug/L			11/17/16 17:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	84		50 - 150		11/17/16 17:26	1
4-Bromofluorobenzene (Surr)	156	X	50 - 150		11/17/16 17:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	4400	F1 F2	110		ug/L		11/17/16 11:09	11/18/16 02:48	1
Motor Oil (>C24-C36)	660	F1 F2	250		ug/L		11/17/16 11:09	11/18/16 02:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	69		50 - 150	11/17/16 11:09	11/18/16 02:48	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-59_20161109

Lab Sample ID: 580-64072-50

Date Collected: 11/09/16 14:40

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			11/17/16 17:20	1
Toluene	ND		2.0		ug/L			11/17/16 17:20	1
Ethylbenzene	ND		3.0		ug/L			11/17/16 17:20	1
Xylenes, Total	ND		3.0		ug/L			11/17/16 17:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	103		80 - 141		11/17/16 17:20	1
Toluene-d8 (Surr)	99		82 - 122		11/17/16 17:20	1
1,2-Dichloroethane-d4 (Surr)	96		65 - 143		11/17/16 17:20	1
4-Bromofluorobenzene (Surr)	104		75 - 125		11/17/16 17:20	1
Dibromofluoromethane (Surr)	100		77 - 118		11/17/16 17:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	2300		50		ug/L			11/17/16 00:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	99		50 - 150		11/17/16 00:44	1
4-Bromofluorobenzene (Surr)	175	X	50 - 150		11/17/16 00:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	11000		110		ug/L		11/16/16 14:47	11/18/16 12:05	1
Motor Oil (>C24-C36)	1500		250		ug/L		11/16/16 14:47	11/18/16 12:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	75		50 - 150	11/16/16 14:47	11/18/16 12:05	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-60_20161109

Lab Sample ID: 580-64072-51

Date Collected: 11/09/16 14:20

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			11/17/16 17:47	1
Toluene	ND		2.0		ug/L			11/17/16 17:47	1
Ethylbenzene	ND		3.0		ug/L			11/17/16 17:47	1
Xylenes, Total	ND		3.0		ug/L			11/17/16 17:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	105		80 - 141		11/17/16 17:47	1
Toluene-d8 (Surr)	99		82 - 122		11/17/16 17:47	1
1,2-Dichloroethane-d4 (Surr)	93		65 - 143		11/17/16 17:47	1
4-Bromofluorobenzene (Surr)	103		75 - 125		11/17/16 17:47	1
Dibromofluoromethane (Surr)	101		77 - 118		11/17/16 17:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			11/17/16 15:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	85		50 - 150		11/17/16 15:18	1
4-Bromofluorobenzene (Surr)	95		50 - 150		11/17/16 15:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	1700		110		ug/L		11/22/16 13:43	11/23/16 19:24	1
Motor Oil (>C24-C36)	ND		260		ug/L		11/22/16 13:43	11/23/16 19:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	80		50 - 150	11/22/16 13:43	11/23/16 19:24	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-61_20161110

Lab Sample ID: 580-64072-52

Date Collected: 11/10/16 11:35

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			11/17/16 18:13	1
Toluene	ND		2.0		ug/L			11/17/16 18:13	1
Ethylbenzene	ND		3.0		ug/L			11/17/16 18:13	1
Xylenes, Total	ND		3.0		ug/L			11/17/16 18:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	104		80 - 141		11/17/16 18:13	1
Toluene-d8 (Surr)	100		82 - 122		11/17/16 18:13	1
1,2-Dichloroethane-d4 (Surr)	97		65 - 143		11/17/16 18:13	1
4-Bromofluorobenzene (Surr)	103		75 - 125		11/17/16 18:13	1
Dibromofluoromethane (Surr)	104		77 - 118		11/17/16 18:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			11/17/16 12:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	87		50 - 150		11/17/16 12:38	1
4-Bromofluorobenzene (Surr)	94		50 - 150		11/17/16 12:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		11/18/16 09:50	11/18/16 20:30	1
Motor Oil (>C24-C36)	ND		250		ug/L		11/18/16 09:50	11/18/16 20:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	65		50 - 150	11/18/16 09:50	11/18/16 20:30	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-62_20161110

Lab Sample ID: 580-64072-53

Date Collected: 11/10/16 11:20

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			11/17/16 18:39	1
Toluene	ND		2.0		ug/L			11/17/16 18:39	1
Ethylbenzene	ND		3.0		ug/L			11/17/16 18:39	1
Xylenes, Total	ND		3.0		ug/L			11/17/16 18:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	105		80 - 141		11/17/16 18:39	1
Toluene-d8 (Surr)	101		82 - 122		11/17/16 18:39	1
1,2-Dichloroethane-d4 (Surr)	98		65 - 143		11/17/16 18:39	1
4-Bromofluorobenzene (Surr)	101		75 - 125		11/17/16 18:39	1
Dibromofluoromethane (Surr)	102		77 - 118		11/17/16 18:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			11/17/16 02:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	98		50 - 150		11/17/16 02:17	1
4-Bromofluorobenzene (Surr)	98		50 - 150		11/17/16 02:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		11/18/16 09:50	11/18/16 20:50	1
Motor Oil (>C24-C36)	ND		260		ug/L		11/18/16 09:50	11/18/16 20:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	71		50 - 150	11/18/16 09:50	11/18/16 20:50	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-63_20161110

Lab Sample ID: 580-64072-54

Date Collected: 11/10/16 10:25

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			11/17/16 19:05	1
Toluene	ND		2.0		ug/L			11/17/16 19:05	1
Ethylbenzene	ND		3.0		ug/L			11/17/16 19:05	1
Xylenes, Total	ND		3.0		ug/L			11/17/16 19:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	103		80 - 141		11/17/16 19:05	1
Toluene-d8 (Surr)	100		82 - 122		11/17/16 19:05	1
1,2-Dichloroethane-d4 (Surr)	95		65 - 143		11/17/16 19:05	1
4-Bromofluorobenzene (Surr)	102		75 - 125		11/17/16 19:05	1
Dibromofluoromethane (Surr)	101		77 - 118		11/17/16 19:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			11/17/16 02:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	99		50 - 150		11/17/16 02:48	1
4-Bromofluorobenzene (Surr)	97		50 - 150		11/17/16 02:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		11/18/16 09:50	11/18/16 21:10	1
Motor Oil (>C24-C36)	ND		250		ug/L		11/18/16 09:50	11/18/16 21:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	69		50 - 150	11/18/16 09:50	11/18/16 21:10	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-64_20161109

Lab Sample ID: 580-64072-55

Date Collected: 11/09/16 11:40

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	21		2.0		ug/L			11/17/16 19:31	1
Toluene	2.2		2.0		ug/L			11/17/16 19:31	1
Ethylbenzene	ND		3.0		ug/L			11/17/16 19:31	1
Xylenes, Total	5.9		3.0		ug/L			11/17/16 19:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	102		80 - 141		11/17/16 19:31	1
Toluene-d8 (Surr)	99		82 - 122		11/17/16 19:31	1
1,2-Dichloroethane-d4 (Surr)	95		65 - 143		11/17/16 19:31	1
4-Bromofluorobenzene (Surr)	102		75 - 125		11/17/16 19:31	1
Dibromofluoromethane (Surr)	101		77 - 118		11/17/16 19:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	1300		50		ug/L			11/17/16 03:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	99		50 - 150		11/17/16 03:19	1
4-Bromofluorobenzene (Surr)	194	X	50 - 150		11/17/16 03:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	2700		110		ug/L		11/22/16 13:43	11/23/16 19:46	1
Motor Oil (>C24-C36)	450		250		ug/L		11/22/16 13:43	11/23/16 19:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	71		50 - 150	11/22/16 13:43	11/23/16 19:46	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: Dup-5_20161109

Lab Sample ID: 580-64072-56

Date Collected: 11/09/16 04:35

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	14		2.0		ug/L			11/17/16 19:58	1
Toluene	ND		2.0		ug/L			11/17/16 19:58	1
Ethylbenzene	ND		3.0		ug/L			11/17/16 19:58	1
Xylenes, Total	ND		3.0		ug/L			11/17/16 19:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	104		80 - 141		11/17/16 19:58	1
Toluene-d8 (Surr)	99		82 - 122		11/17/16 19:58	1
1,2-Dichloroethane-d4 (Surr)	96		65 - 143		11/17/16 19:58	1
4-Bromofluorobenzene (Surr)	103		75 - 125		11/17/16 19:58	1
Dibromofluoromethane (Surr)	99		77 - 118		11/17/16 19:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	220		50		ug/L			11/17/16 04:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	94		50 - 150		11/17/16 04:22	1
4-Bromofluorobenzene (Surr)	115		50 - 150		11/17/16 04:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	140		110		ug/L		11/18/16 09:50	11/18/16 21:31	1
Motor Oil (>C24-C36)	ND		250		ug/L		11/18/16 09:50	11/18/16 21:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	70		50 - 150	11/18/16 09:50	11/18/16 21:31	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: Trip Blank-5_20161108

Lab Sample ID: 580-64072-57

Date Collected: 11/08/16 00:20

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/L			11/18/16 05:43	1
Toluene	ND		0.0020		mg/L			11/18/16 05:43	1
Ethylbenzene	ND		0.0030		mg/L			11/18/16 05:43	1
Xylenes, Total	ND		0.0030		mg/L			11/18/16 05:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 141		11/18/16 05:43	1
Toluene-d8 (Surr)	106		82 - 122		11/18/16 05:43	1
1,2-Dichloroethane-d4 (Surr)	95		65 - 143		11/18/16 05:43	1
4-Bromofluorobenzene (Surr)	96		75 - 125		11/18/16 05:43	1
Dibromofluoromethane (Surr)	99		77 - 118		11/18/16 05:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			11/18/16 17:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	76		50 - 150		11/18/16 17:40	1
4-Bromofluorobenzene (Surr)	97		50 - 150		11/18/16 17:40	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-65_20161109

Lab Sample ID: 580-64072-58

Date Collected: 11/09/16 10:10

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	21		2.0		ug/L			11/19/16 06:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	104		80 - 141					11/19/16 06:01	1
Toluene-d8 (Surr)	101		82 - 122					11/19/16 06:01	1
1,2-Dichloroethane-d4 (Surr)	93		65 - 143					11/19/16 06:01	1
4-Bromofluorobenzene (Surr)	103		75 - 125					11/19/16 06:01	1
Dibromofluoromethane (Surr)	100		77 - 118					11/19/16 06:01	1

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	1400		60		ug/L			11/21/16 18:09	20
Xylenes, Total	60		60		ug/L			11/21/16 18:09	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	103		80 - 141					11/21/16 18:09	20
Toluene-d8 (Surr)	103		82 - 122					11/21/16 18:09	20
1,2-Dichloroethane-d4 (Surr)	91		65 - 143					11/21/16 18:09	20
4-Bromofluorobenzene (Surr)	101		75 - 125					11/21/16 18:09	20
Dibromofluoromethane (Surr)	98		77 - 118					11/21/16 18:09	20

Method: 8260C - Volatile Organic Compounds by GC/MS - DL2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2600		400		ug/L			11/22/16 16:36	200
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	100		80 - 141					11/22/16 16:36	200
Toluene-d8 (Surr)	105		82 - 122					11/22/16 16:36	200
1,2-Dichloroethane-d4 (Surr)	74		65 - 143					11/22/16 16:36	200
4-Bromofluorobenzene (Surr)	102		75 - 125					11/22/16 16:36	200
Dibromofluoromethane (Surr)	97		77 - 118					11/22/16 16:36	200

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	7400		50		ug/L			11/19/16 00:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	97		50 - 150					11/19/16 00:30	1
4-Bromofluorobenzene (Surr)	335	X	50 - 150					11/19/16 00:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	3700		110		ug/L		11/22/16 13:43	11/23/16 20:08	1
Motor Oil (>C24-C36)	320		250		ug/L		11/22/16 13:43	11/23/16 20:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	75		50 - 150				11/22/16 13:43	11/23/16 20:08	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-66_20161109

Lab Sample ID: 580-64072-59

Date Collected: 11/09/16 11:00

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	7.9		2.0		ug/L			11/19/16 06:27	1
Xylenes, Total	11		3.0		ug/L			11/19/16 06:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	105		80 - 141					11/19/16 06:27	1
Toluene-d8 (Surr)	100		82 - 122					11/19/16 06:27	1
1,2-Dichloroethane-d4 (Surr)	92		65 - 143					11/19/16 06:27	1
4-Bromofluorobenzene (Surr)	105		75 - 125					11/19/16 06:27	1
Dibromofluoromethane (Surr)	99		77 - 118					11/19/16 06:27	1

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	260		40		ug/L			11/21/16 18:38	20
Ethylbenzene	190		60		ug/L			11/21/16 18:38	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	105		80 - 141					11/21/16 18:38	20
Toluene-d8 (Surr)	103		82 - 122					11/21/16 18:38	20
1,2-Dichloroethane-d4 (Surr)	94		65 - 143					11/21/16 18:38	20
4-Bromofluorobenzene (Surr)	105		75 - 125					11/21/16 18:38	20
Dibromofluoromethane (Surr)	102		77 - 118					11/21/16 18:38	20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	2800		50		ug/L			11/17/16 04:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		50 - 150					11/17/16 04:53	1
4-Bromofluorobenzene (Surr)	231	X	50 - 150					11/17/16 04:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	1600		110		ug/L		11/18/16 09:50	11/18/16 22:11	1
Motor Oil (>C24-C36)	ND		250		ug/L		11/18/16 09:50	11/18/16 22:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	65		50 - 150				11/18/16 09:50	11/18/16 22:11	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-67_20161110

Lab Sample ID: 580-64072-60

Date Collected: 11/10/16 09:25

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	52		2.0		ug/L			11/17/16 20:24	1
Toluene	3.7		2.0		ug/L			11/17/16 20:24	1
Xylenes, Total	14		3.0		ug/L			11/17/16 20:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	104		80 - 141		11/17/16 20:24	1
Toluene-d8 (Surr)	99		82 - 122		11/17/16 20:24	1
1,2-Dichloroethane-d4 (Surr)	95		65 - 143		11/17/16 20:24	1
4-Bromofluorobenzene (Surr)	104		75 - 125		11/17/16 20:24	1
Dibromofluoromethane (Surr)	100		77 - 118		11/17/16 20:24	1

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	210		30		ug/L			11/18/16 17:12	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	102		80 - 141		11/18/16 17:12	10
Toluene-d8 (Surr)	100		82 - 122		11/18/16 17:12	10
1,2-Dichloroethane-d4 (Surr)	94		65 - 143		11/18/16 17:12	10
4-Bromofluorobenzene (Surr)	104		75 - 125		11/18/16 17:12	10
Dibromofluoromethane (Surr)	100		77 - 118		11/18/16 17:12	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	1200		50		ug/L			11/17/16 05:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	95		50 - 150		11/17/16 05:24	1
4-Bromofluorobenzene (Surr)	128		50 - 150		11/17/16 05:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	350		110		ug/L		11/22/16 13:43	11/23/16 20:30	1
Motor Oil (>C24-C36)	ND		250		ug/L		11/22/16 13:43	11/23/16 20:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	84		50 - 150	11/22/16 13:43	11/23/16 20:30	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-68_20161110

Lab Sample ID: 580-64072-61

Date Collected: 11/10/16 10:00

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			11/18/16 00:47	1
Toluene	ND		2.0		ug/L			11/18/16 00:47	1
Ethylbenzene	7.7		3.0		ug/L			11/18/16 00:47	1
Xylenes, Total	ND		3.0		ug/L			11/18/16 00:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	103		80 - 141		11/18/16 00:47	1
Toluene-d8 (Surr)	101		82 - 122		11/18/16 00:47	1
1,2-Dichloroethane-d4 (Surr)	98		65 - 143		11/18/16 00:47	1
4-Bromofluorobenzene (Surr)	101		75 - 125		11/18/16 00:47	1
Dibromofluoromethane (Surr)	102		77 - 118		11/18/16 00:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	150		50		ug/L			11/17/16 14:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	86		50 - 150		11/17/16 14:14	1
4-Bromofluorobenzene (Surr)	102		50 - 150		11/17/16 14:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		11/18/16 09:50	11/18/16 22:31	1
Motor Oil (>C24-C36)	ND		250		ug/L		11/18/16 09:50	11/18/16 22:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	65		50 - 150	11/18/16 09:50	11/18/16 22:31	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-69_20161110

Lab Sample ID: 580-64072-62

Date Collected: 11/10/16 11:00

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			11/17/16 17:52	1
Toluene	ND		2.0		ug/L			11/17/16 17:52	1
Ethylbenzene	ND		3.0		ug/L			11/17/16 17:52	1
Xylenes, Total	ND		3.0		ug/L			11/17/16 17:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	105		80 - 141		11/17/16 17:52	1
Toluene-d8 (Surr)	101		82 - 122		11/17/16 17:52	1
1,2-Dichloroethane-d4 (Surr)	97		65 - 143		11/17/16 17:52	1
4-Bromofluorobenzene (Surr)	101		75 - 125		11/17/16 17:52	1
Dibromofluoromethane (Surr)	99		77 - 118		11/17/16 17:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			11/17/16 06:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	91		50 - 150		11/17/16 06:26	1
4-Bromofluorobenzene (Surr)	99		50 - 150		11/17/16 06:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		11/22/16 13:43	11/23/16 20:52	1
Motor Oil (>C24-C36)	ND		250		ug/L		11/22/16 13:43	11/23/16 20:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	91		50 - 150	11/22/16 13:43	11/23/16 20:52	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-70_20161110

Lab Sample ID: 580-64072-63

Date Collected: 11/10/16 11:50

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			11/17/16 18:20	1
Toluene	ND		2.0		ug/L			11/17/16 18:20	1
Ethylbenzene	ND		3.0		ug/L			11/17/16 18:20	1
Xylenes, Total	ND		3.0		ug/L			11/17/16 18:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	100		80 - 141		11/17/16 18:20	1
Toluene-d8 (Surr)	105		82 - 122		11/17/16 18:20	1
1,2-Dichloroethane-d4 (Surr)	97		65 - 143		11/17/16 18:20	1
4-Bromofluorobenzene (Surr)	101		75 - 125		11/17/16 18:20	1
Dibromofluoromethane (Surr)	100		77 - 118		11/17/16 18:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			11/17/16 06:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	92		50 - 150		11/17/16 06:57	1
4-Bromofluorobenzene (Surr)	99		50 - 150		11/17/16 06:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		11/22/16 13:43	11/23/16 21:36	1
Motor Oil (>C24-C36)	ND		250		ug/L		11/22/16 13:43	11/23/16 21:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	89		50 - 150	11/22/16 13:43	11/23/16 21:36	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-71_20161109

Lab Sample ID: 580-64072-64

Date Collected: 11/09/16 12:10

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			11/17/16 18:49	1
Toluene	ND		2.0		ug/L			11/17/16 18:49	1
Ethylbenzene	ND		3.0		ug/L			11/17/16 18:49	1
Xylenes, Total	ND		3.0		ug/L			11/17/16 18:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	103		80 - 141		11/17/16 18:49	1
Toluene-d8 (Surr)	104		82 - 122		11/17/16 18:49	1
1,2-Dichloroethane-d4 (Surr)	98		65 - 143		11/17/16 18:49	1
4-Bromofluorobenzene (Surr)	102		75 - 125		11/17/16 18:49	1
Dibromofluoromethane (Surr)	102		77 - 118		11/17/16 18:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			11/17/16 07:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	93		50 - 150		11/17/16 07:28	1
4-Bromofluorobenzene (Surr)	99		50 - 150		11/17/16 07:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	200		110		ug/L		11/22/16 13:43	11/23/16 21:58	1
Motor Oil (>C24-C36)	ND		260		ug/L		11/22/16 13:43	11/23/16 21:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	85		50 - 150	11/22/16 13:43	11/23/16 21:58	1

TestAmerica Seattle

Client Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: AG WELL_20161110

Lab Sample ID: 580-64072-65

Date Collected: 11/10/16 11:00

Matrix: Water

Date Received: 11/11/16 11:35

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			11/19/16 06:53	1
Toluene	ND		2.0		ug/L			11/19/16 06:53	1
Ethylbenzene	ND		3.0		ug/L			11/19/16 06:53	1
Xylenes, Total	ND		3.0		ug/L			11/19/16 06:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	105		80 - 141		11/19/16 06:53	1
Toluene-d8 (Surr)	101		82 - 122		11/19/16 06:53	1
1,2-Dichloroethane-d4 (Surr)	92		65 - 143		11/19/16 06:53	1
4-Bromofluorobenzene (Surr)	105		75 - 125		11/19/16 06:53	1
Dibromofluoromethane (Surr)	98		77 - 118		11/19/16 06:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			11/21/16 13:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	84		50 - 150		11/21/16 13:46	1
4-Bromofluorobenzene (Surr)	99		50 - 150		11/21/16 13:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	130		120		ug/L		11/18/16 09:50	11/18/16 22:52	1
Motor Oil (>C24-C36)	ND		260		ug/L		11/18/16 09:50	11/18/16 22:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	62		50 - 150	11/18/16 09:50	11/18/16 22:52	1

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 580-232622/5

Matrix: Water

Analysis Batch: 232622

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			11/17/16 10:41	1
Toluene	ND		2.0		ug/L			11/17/16 10:41	1
Ethylbenzene	ND		3.0		ug/L			11/17/16 10:41	1
Xylenes, Total	ND		3.0		ug/L			11/17/16 10:41	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	102		80 - 141		11/17/16 10:41	1
Toluene-d8 (Surr)	102		82 - 122		11/17/16 10:41	1
1,2-Dichloroethane-d4 (Surr)	99		65 - 143		11/17/16 10:41	1
4-Bromofluorobenzene (Surr)	99		75 - 125		11/17/16 10:41	1
Dibromofluoromethane (Surr)	102		77 - 118		11/17/16 10:41	1

Lab Sample ID: LCS 580-232622/6

Matrix: Water

Analysis Batch: 232622

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	11.3		ug/L		113	80 - 120
Toluene	10.0	11.4		ug/L		114	75 - 120
Ethylbenzene	10.0	11.2		ug/L		111	75 - 119
m-Xylene & p-Xylene	10.0	10.4		ug/L		104	75 - 119
o-Xylene	10.0	11.0		ug/L		110	74 - 120
Xylenes, Total	20.0	21.4		ug/L		107	75 - 119

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Trifluorotoluene (Surr)	100		80 - 141
Toluene-d8 (Surr)	100		82 - 122
1,2-Dichloroethane-d4 (Surr)	98		65 - 143
4-Bromofluorobenzene (Surr)	99		75 - 125
Dibromofluoromethane (Surr)	102		77 - 118

Lab Sample ID: LCSD 580-232622/7

Matrix: Water

Analysis Batch: 232622

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	10.0	11.4		ug/L		113	80 - 120	1	14
Toluene	10.0	11.5		ug/L		115	75 - 120	0	19
Ethylbenzene	10.0	11.3		ug/L		113	75 - 119	2	14
m-Xylene & p-Xylene	10.0	10.8		ug/L		108	75 - 119	4	14
o-Xylene	10.0	11.1		ug/L		110	74 - 120	1	16
Xylenes, Total	20.0	21.9		ug/L		109	75 - 119	2	15

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Trifluorotoluene (Surr)	102		80 - 141
Toluene-d8 (Surr)	100		82 - 122
1,2-Dichloroethane-d4 (Surr)	97		65 - 143

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 580-232622/7

Matrix: Water

Analysis Batch: 232622

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		75 - 125
Dibromofluoromethane (Surr)	100		77 - 118

Lab Sample ID: MB 580-232669/5

Matrix: Water

Analysis Batch: 232669

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/L			11/17/16 22:35	1
Toluene	ND		0.0020		mg/L			11/17/16 22:35	1
Ethylbenzene	ND		0.0030		mg/L			11/17/16 22:35	1
Xylenes, Total	ND		0.0030		mg/L			11/17/16 22:35	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	105		80 - 141		11/17/16 22:35	1
Toluene-d8 (Surr)	99		82 - 122		11/17/16 22:35	1
1,2-Dichloroethane-d4 (Surr)	96		65 - 143		11/17/16 22:35	1
4-Bromofluorobenzene (Surr)	101		75 - 125		11/17/16 22:35	1
Dibromofluoromethane (Surr)	100		77 - 118		11/17/16 22:35	1

Lab Sample ID: LCS 580-232669/6

Matrix: Water

Analysis Batch: 232669

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0100	0.0116		mg/L		116	80 - 120
Toluene	0.0100	0.0115		mg/L		115	75 - 120
Ethylbenzene	0.0100	0.0116		mg/L		116	75 - 119
m-Xylene & p-Xylene	0.0100	0.0107		mg/L		106	75 - 119
o-Xylene	0.0100	0.0112		mg/L		112	74 - 120
Xylenes, Total	0.0200	0.0219		mg/L		109	75 - 119

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Trifluorotoluene (Surr)	104		80 - 141
Toluene-d8 (Surr)	99		82 - 122
1,2-Dichloroethane-d4 (Surr)	95		65 - 143
4-Bromofluorobenzene (Surr)	102		75 - 125
Dibromofluoromethane (Surr)	99		77 - 118

Lab Sample ID: LCSD 580-232669/7

Matrix: Water

Analysis Batch: 232669

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.0100	0.0118		mg/L		118	80 - 120	2	14
Toluene	0.0100	0.0117		mg/L		117	75 - 120	1	19
Ethylbenzene	0.0100	0.0116		mg/L		115	75 - 119	0	14

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 580-232669/7

Matrix: Water

Analysis Batch: 232669

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
m-Xylene & p-Xylene	0.0100	0.0108		mg/L		108	75 - 119	1	14
o-Xylene	0.0100	0.0112		mg/L		111	74 - 120	0	16
Xylenes, Total	0.0200	0.0220		mg/L		110	75 - 119	0	15

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Trifluorotoluene (Surr)	105		80 - 141
Toluene-d8 (Surr)	99		82 - 122
1,2-Dichloroethane-d4 (Surr)	96		65 - 143
4-Bromofluorobenzene (Surr)	100		75 - 125
Dibromofluoromethane (Surr)	99		77 - 118

Lab Sample ID: MB 580-232692/5

Matrix: Water

Analysis Batch: 232692

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			11/17/16 15:00	1
Toluene	ND		2.0		ug/L			11/17/16 15:00	1
Ethylbenzene	ND		3.0		ug/L			11/17/16 15:00	1
Xylenes, Total	ND		3.0		ug/L			11/17/16 15:00	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	100		80 - 141		11/17/16 15:00	1
Toluene-d8 (Surr)	101		82 - 122		11/17/16 15:00	1
1,2-Dichloroethane-d4 (Surr)	102		65 - 143		11/17/16 15:00	1
4-Bromofluorobenzene (Surr)	99		75 - 125		11/17/16 15:00	1
Dibromofluoromethane (Surr)	101		77 - 118		11/17/16 15:00	1

Lab Sample ID: LCS 580-232692/6

Matrix: Water

Analysis Batch: 232692

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	9.93		ug/L		99	80 - 120
Toluene	10.0	10.2		ug/L		102	75 - 120
Ethylbenzene	10.0	10.9		ug/L		109	75 - 119
m-Xylene & p-Xylene	10.0	10.7		ug/L		107	75 - 119
o-Xylene	10.0	10.8		ug/L		107	74 - 120
Xylenes, Total	20.0	21.5		ug/L		107	75 - 119

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Trifluorotoluene (Surr)	97		80 - 141
Toluene-d8 (Surr)	105		82 - 122
1,2-Dichloroethane-d4 (Surr)	95		65 - 143
4-Bromofluorobenzene (Surr)	105		75 - 125
Dibromofluoromethane (Surr)	98		77 - 118

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 580-232692/7

Matrix: Water

Analysis Batch: 232692

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	10.0	9.77		ug/L		97	80 - 120	2	14
Toluene	10.0	10.2		ug/L		102	75 - 120	1	19
Ethylbenzene	10.0	10.7		ug/L		107	75 - 119	2	14
m-Xylene & p-Xylene	10.0	10.3		ug/L		102	75 - 119	4	14
o-Xylene	10.0	10.4		ug/L		103	74 - 120	4	16
Xylenes, Total	20.0	20.7		ug/L		103	75 - 119	4	15

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Trifluorotoluene (Surr)	99		80 - 141
Toluene-d8 (Surr)	103		82 - 122
1,2-Dichloroethane-d4 (Surr)	95		65 - 143
4-Bromofluorobenzene (Surr)	102		75 - 125
Dibromofluoromethane (Surr)	101		77 - 118

Lab Sample ID: MB 580-232725/5

Matrix: Water

Analysis Batch: 232725

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.0020		mg/L			11/18/16 03:49	1
Toluene	ND		0.0020		mg/L			11/18/16 03:49	1
Ethylbenzene	ND		0.0030		mg/L			11/18/16 03:49	1
Xylenes, Total	ND		0.0030		mg/L			11/18/16 03:49	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 141		11/18/16 03:49	1
Toluene-d8 (Surr)	104		82 - 122		11/18/16 03:49	1
1,2-Dichloroethane-d4 (Surr)	96		65 - 143		11/18/16 03:49	1
4-Bromofluorobenzene (Surr)	96		75 - 125		11/18/16 03:49	1
Dibromofluoromethane (Surr)	101		77 - 118		11/18/16 03:49	1

Lab Sample ID: LCS 580-232725/6

Matrix: Water

Analysis Batch: 232725

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.0100	0.00977		mg/L		97	80 - 120
Toluene	0.0100	0.0101		mg/L		101	75 - 120
Ethylbenzene	0.0100	0.0104		mg/L		104	75 - 119
m-Xylene & p-Xylene	0.0100	0.0103		mg/L		103	75 - 119
o-Xylene	0.0100	0.0102		mg/L		102	74 - 120
Xylenes, Total	0.0200	0.0205		mg/L		102	75 - 119

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Trifluorotoluene (Surr)	100		80 - 141
Toluene-d8 (Surr)	104		82 - 122
1,2-Dichloroethane-d4 (Surr)	91		65 - 143

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 580-232725/6

Matrix: Water

Analysis Batch: 232725

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		75 - 125
Dibromofluoromethane (Surr)	98		77 - 118

Lab Sample ID: LCSD 580-232725/7

Matrix: Water

Analysis Batch: 232725

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.0100	0.00969		mg/L		97	80 - 120	1	14
Toluene	0.0100	0.00994		mg/L		99	75 - 120	2	19
Ethylbenzene	0.0100	0.0105		mg/L		104	75 - 119	0	14
m-Xylene & p-Xylene	0.0100	0.0102		mg/L		102	75 - 119	1	14
o-Xylene	0.0100	0.0103		mg/L		103	74 - 120	1	16
Xylenes, Total	0.0200	0.0205		mg/L		102	75 - 119	0	15

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Trifluorotoluene (Surr)	100		80 - 141
Toluene-d8 (Surr)	105		82 - 122
1,2-Dichloroethane-d4 (Surr)	92		65 - 143
4-Bromofluorobenzene (Surr)	101		75 - 125
Dibromofluoromethane (Surr)	98		77 - 118

Lab Sample ID: MB 580-232753/5

Matrix: Water

Analysis Batch: 232753

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			11/18/16 11:54	1
Toluene	ND		2.0		ug/L			11/18/16 11:54	1
Ethylbenzene	ND		3.0		ug/L			11/18/16 11:54	1
Xylenes, Total	ND		3.0		ug/L			11/18/16 11:54	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 141		11/18/16 11:54	1
Toluene-d8 (Surr)	102		82 - 122		11/18/16 11:54	1
1,2-Dichloroethane-d4 (Surr)	96		65 - 143		11/18/16 11:54	1
4-Bromofluorobenzene (Surr)	102		75 - 125		11/18/16 11:54	1
Dibromofluoromethane (Surr)	99		77 - 118		11/18/16 11:54	1

Lab Sample ID: LCS 580-232753/6

Matrix: Water

Analysis Batch: 232753

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	10.9		ug/L		109	80 - 120
Toluene	10.0	11.1		ug/L		111	75 - 120
Ethylbenzene	10.0	11.2		ug/L		112	75 - 119

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 580-232753/6

Matrix: Water

Analysis Batch: 232753

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
m-Xylene & p-Xylene	10.0	10.4		ug/L		104	75 - 119
o-Xylene	10.0	10.8		ug/L		108	74 - 120
Xylenes, Total	20.0	21.2		ug/L		106	75 - 119

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Trifluorotoluene (Surr)	103		80 - 141
Toluene-d8 (Surr)	101		82 - 122
1,2-Dichloroethane-d4 (Surr)	96		65 - 143
4-Bromofluorobenzene (Surr)	102		75 - 125
Dibromofluoromethane (Surr)	99		77 - 118

Lab Sample ID: LCSD 580-232753/7

Matrix: Water

Analysis Batch: 232753

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	10.0	10.8		ug/L		108	80 - 120	1	14
Toluene	10.0	11.3		ug/L		113	75 - 120	2	19
Ethylbenzene	10.0	11.4		ug/L		114	75 - 119	2	14
m-Xylene & p-Xylene	10.0	10.5		ug/L		105	75 - 119	1	14
o-Xylene	10.0	10.7		ug/L		107	74 - 120	0	16
Xylenes, Total	20.0	21.2		ug/L		106	75 - 119	0	15

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Trifluorotoluene (Surr)	100		80 - 141
Toluene-d8 (Surr)	101		82 - 122
1,2-Dichloroethane-d4 (Surr)	95		65 - 143
4-Bromofluorobenzene (Surr)	100		75 - 125
Dibromofluoromethane (Surr)	100		77 - 118

Lab Sample ID: 580-64072-30 MS

Matrix: Water

Analysis Batch: 232753

Client Sample ID: MW-42_20161109

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	450		201	659		ug/L		103	80 - 120
Toluene	ND		200	258		ug/L		116	75 - 120
Ethylbenzene	1700		201	1810	4	ug/L		33	75 - 119

Surrogate	MS %Recovery	MS Qualifier	Limits
Trifluorotoluene (Surr)	103		80 - 141
Toluene-d8 (Surr)	101		82 - 122
1,2-Dichloroethane-d4 (Surr)	95		65 - 143
4-Bromofluorobenzene (Surr)	102		75 - 125
Dibromofluoromethane (Surr)	99		77 - 118

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 580-64072-30 MSD

Matrix: Water

Analysis Batch: 232753

Client Sample ID: MW-42_20161109

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	450		201	650		ug/L		99	80 - 120	1	35
Toluene	ND		200	246		ug/L		111	75 - 120	5	35
Ethylbenzene	1700		201	1830	4	ug/L		43	75 - 119	1	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
Trifluorotoluene (Surr)	103		80 - 141								
Toluene-d8 (Surr)	101		82 - 122								
1,2-Dichloroethane-d4 (Surr)	94		65 - 143								
4-Bromofluorobenzene (Surr)	102		75 - 125								
Dibromofluoromethane (Surr)	99		77 - 118								

Lab Sample ID: 580-64072-48 MS

Matrix: Water

Analysis Batch: 232753

Client Sample ID: MW-57_20161109

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene	13		10.0	24.2		ug/L		112	80 - 120		
Toluene	ND		10.0	12.6		ug/L		112	75 - 120		
Ethylbenzene	ND		10.0	11.7		ug/L		113	75 - 119		
m-Xylene & p-Xylene	ND		10.0	13.6		ug/L		109	75 - 119		
o-Xylene	ND		10.0	11.1		ug/L		111	74 - 120		
Xylenes, Total	ND	F1	20.0	24.7	F1	ug/L		123	75 - 119		
Surrogate	MS %Recovery	MS Qualifier	Limits								
Trifluorotoluene (Surr)	101		80 - 141								
Toluene-d8 (Surr)	101		82 - 122								
1,2-Dichloroethane-d4 (Surr)	94		65 - 143								
4-Bromofluorobenzene (Surr)	102		75 - 125								
Dibromofluoromethane (Surr)	100		77 - 118								

Lab Sample ID: 580-64072-48 MSD

Matrix: Water

Analysis Batch: 232753

Client Sample ID: MW-57_20161109

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	13		10.0	22.4		ug/L		94	80 - 120	8	35
Toluene	ND		10.0	12.4		ug/L		110	75 - 120	2	35
Ethylbenzene	ND		10.0	11.3		ug/L		109	75 - 119	3	35
m-Xylene & p-Xylene	ND		10.0	13.0		ug/L		103	75 - 119	5	35
o-Xylene	ND		10.0	10.7		ug/L		107	74 - 120	4	35
Xylenes, Total	ND	F1	20.0	23.7		ug/L		118	75 - 119	4	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
Trifluorotoluene (Surr)	102		80 - 141								
Toluene-d8 (Surr)	101		82 - 122								
1,2-Dichloroethane-d4 (Surr)	95		65 - 143								
4-Bromofluorobenzene (Surr)	101		75 - 125								

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 580-64072-48 MSD

Matrix: Water

Analysis Batch: 232753

Client Sample ID: MW-57_20161109

Prep Type: Total/NA

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Dibromofluoromethane (Surr)	99		77 - 118

Lab Sample ID: 580-64072-49 MS

Matrix: Water

Analysis Batch: 232753

Client Sample ID: MW-58_20161109

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		10.0	11.2		ug/L		112	80 - 120
Toluene	ND		10.0	11.7		ug/L		113	75 - 120
Ethylbenzene	ND		10.0	11.7		ug/L		114	75 - 119
m-Xylene & p-Xylene	ND		10.0	10.9		ug/L		108	75 - 119
o-Xylene	ND		10.0	11.2		ug/L		111	74 - 120
Xylenes, Total	ND		20.0	22.1		ug/L		110	75 - 119

Surrogate	MS %Recovery	MS Qualifier	Limits
Trifluorotoluene (Surr)	101		80 - 141
Toluene-d8 (Surr)	100		82 - 122
1,2-Dichloroethane-d4 (Surr)	95		65 - 143
4-Bromofluorobenzene (Surr)	101		75 - 125
Dibromofluoromethane (Surr)	98		77 - 118

Lab Sample ID: 580-64072-49 MSD

Matrix: Water

Analysis Batch: 232753

Client Sample ID: MW-58_20161109

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	ND		10.0	11.2		ug/L		111	80 - 120	1	35
Toluene	ND		10.0	11.7		ug/L		114	75 - 120	1	35
Ethylbenzene	ND		10.0	11.7		ug/L		114	75 - 119	0	35
m-Xylene & p-Xylene	ND		10.0	10.7		ug/L		107	75 - 119	2	35
o-Xylene	ND		10.0	11.3		ug/L		113	74 - 120	1	35
Xylenes, Total	ND		20.0	22.0		ug/L		110	75 - 119	0	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Trifluorotoluene (Surr)	100		80 - 141
Toluene-d8 (Surr)	101		82 - 122
1,2-Dichloroethane-d4 (Surr)	96		65 - 143
4-Bromofluorobenzene (Surr)	103		75 - 125
Dibromofluoromethane (Surr)	101		77 - 118

Lab Sample ID: MB 580-232817/5

Matrix: Water

Analysis Batch: 232817

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			11/19/16 00:43	1
Toluene	ND		2.0		ug/L			11/19/16 00:43	1

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 580-232817/5

Matrix: Water

Analysis Batch: 232817

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		3.0		ug/L			11/19/16 00:43	1
Xylenes, Total	ND		3.0		ug/L			11/19/16 00:43	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	101		80 - 141					11/19/16 00:43	1
Toluene-d8 (Surr)	103		82 - 122					11/19/16 00:43	1
1,2-Dichloroethane-d4 (Surr)	96		65 - 143					11/19/16 00:43	1
4-Bromofluorobenzene (Surr)	102		75 - 125					11/19/16 00:43	1
Dibromofluoromethane (Surr)	98		77 - 118					11/19/16 00:43	1

Lab Sample ID: LCS 580-232817/6

Matrix: Water

Analysis Batch: 232817

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	10.9		ug/L		109	80 - 120
Toluene	10.0	11.3		ug/L		113	75 - 120
Ethylbenzene	10.0	11.3		ug/L		113	75 - 119
m-Xylene & p-Xylene	10.0	10.6		ug/L		105	75 - 119
o-Xylene	10.0	10.7		ug/L		107	74 - 120
Xylenes, Total	20.0	21.3		ug/L		106	75 - 119
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Trifluorotoluene (Surr)	100		80 - 141				
Toluene-d8 (Surr)	102		82 - 122				
1,2-Dichloroethane-d4 (Surr)	94		65 - 143				
4-Bromofluorobenzene (Surr)	101		75 - 125				
Dibromofluoromethane (Surr)	99		77 - 118				

Lab Sample ID: LCSD 580-232817/7

Matrix: Water

Analysis Batch: 232817

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	10.0	10.9		ug/L		108	80 - 120	1	14
Toluene	10.0	11.6		ug/L		116	75 - 120	3	19
Ethylbenzene	10.0	11.8		ug/L		118	75 - 119	4	14
m-Xylene & p-Xylene	10.0	10.9		ug/L		109	75 - 119	3	14
o-Xylene	10.0	11.2		ug/L		112	74 - 120	4	16
Xylenes, Total	20.0	22.1		ug/L		110	75 - 119	4	15
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
Trifluorotoluene (Surr)	101		80 - 141						
Toluene-d8 (Surr)	104		82 - 122						
1,2-Dichloroethane-d4 (Surr)	96		65 - 143						
4-Bromofluorobenzene (Surr)	104		75 - 125						
Dibromofluoromethane (Surr)	98		77 - 118						

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 580-232883/5

Matrix: Water

Analysis Batch: 232883

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			11/21/16 10:05	1
Toluene	ND		2.0		ug/L			11/21/16 10:05	1
Ethylbenzene	ND		3.0		ug/L			11/21/16 10:05	1
Xylenes, Total	ND		3.0		ug/L			11/21/16 10:05	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	106		80 - 141		11/21/16 10:05	1
Toluene-d8 (Surr)	104		82 - 122		11/21/16 10:05	1
1,2-Dichloroethane-d4 (Surr)	97		65 - 143		11/21/16 10:05	1
4-Bromofluorobenzene (Surr)	99		75 - 125		11/21/16 10:05	1
Dibromofluoromethane (Surr)	104		77 - 118		11/21/16 10:05	1

Lab Sample ID: LCS 580-232883/6

Matrix: Water

Analysis Batch: 232883

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	9.29		ug/L		93	80 - 120
Toluene	10.0	9.96		ug/L		100	75 - 120
Ethylbenzene	10.0	10.2		ug/L		102	75 - 119
m-Xylene & p-Xylene	10.0	10.1		ug/L		101	75 - 119
o-Xylene	10.0	9.84		ug/L		98	74 - 120
Xylenes, Total	20.0	19.9		ug/L		100	75 - 119

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Trifluorotoluene (Surr)	105		80 - 141
Toluene-d8 (Surr)	104		82 - 122
1,2-Dichloroethane-d4 (Surr)	95		65 - 143
4-Bromofluorobenzene (Surr)	105		75 - 125
Dibromofluoromethane (Surr)	100		77 - 118

Lab Sample ID: LCSD 580-232883/7

Matrix: Water

Analysis Batch: 232883

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	10.0	9.12		ug/L		91	80 - 120	2	14
Toluene	10.0	9.81		ug/L		98	75 - 120	2	19
Ethylbenzene	10.0	10.2		ug/L		102	75 - 119	0	14
m-Xylene & p-Xylene	10.0	9.97		ug/L		99	75 - 119	1	14
o-Xylene	10.0	9.91		ug/L		99	74 - 120	1	16
Xylenes, Total	20.0	19.9		ug/L		99	75 - 119	0	15

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Trifluorotoluene (Surr)	99		80 - 141
Toluene-d8 (Surr)	102		82 - 122
1,2-Dichloroethane-d4 (Surr)	95		65 - 143

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 580-232883/7

Matrix: Water

Analysis Batch: 232883

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		75 - 125
Dibromofluoromethane (Surr)	102		77 - 118

Lab Sample ID: MB 580-233016/5

Matrix: Water

Analysis Batch: 233016

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			11/22/16 11:50	1
Toluene	ND		2.0		ug/L			11/22/16 11:50	1
Ethylbenzene	ND		3.0		ug/L			11/22/16 11:50	1
Xylenes, Total	ND		3.0		ug/L			11/22/16 11:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	103		80 - 141		11/22/16 11:50	1
Toluene-d8 (Surr)	111		82 - 122		11/22/16 11:50	1
1,2-Dichloroethane-d4 (Surr)	78		65 - 143		11/22/16 11:50	1
4-Bromofluorobenzene (Surr)	103		75 - 125		11/22/16 11:50	1
Dibromofluoromethane (Surr)	96		77 - 118		11/22/16 11:50	1

Lab Sample ID: LCS 580-233016/6

Matrix: Water

Analysis Batch: 233016

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	10.0	9.73		ug/L		97	80 - 120
Toluene	10.0	10.2		ug/L		102	75 - 120
Ethylbenzene	10.0	10.7		ug/L		107	75 - 119
m-Xylene & p-Xylene	10.0	10.3		ug/L		103	75 - 119
o-Xylene	10.0	10.2		ug/L		102	74 - 120
Xylenes, Total	20.0	20.5		ug/L		102	75 - 119

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Trifluorotoluene (Surr)	99		80 - 141
Toluene-d8 (Surr)	104		82 - 122
1,2-Dichloroethane-d4 (Surr)	78		65 - 143
4-Bromofluorobenzene (Surr)	102		75 - 125
Dibromofluoromethane (Surr)	96		77 - 118

Lab Sample ID: LCSD 580-233016/7

Matrix: Water

Analysis Batch: 233016

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	10.0	9.58		ug/L		95	80 - 120	1	14
Toluene	10.0	9.87		ug/L		99	75 - 120	3	19
Ethylbenzene	10.0	10.7		ug/L		107	75 - 119	0	14

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 580-233016/7

Matrix: Water

Analysis Batch: 233016

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
m-Xylene & p-Xylene	10.0	10.2		ug/L		102	75 - 119	1	14
o-Xylene	10.0	9.87		ug/L		99	74 - 120	4	16
Xylenes, Total	20.0	20.1		ug/L		100	75 - 119	2	15

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Trifluorotoluene (Surr)	103		80 - 141
Toluene-d8 (Surr)	102		82 - 122
1,2-Dichloroethane-d4 (Surr)	80		65 - 143
4-Bromofluorobenzene (Surr)	103		75 - 125
Dibromofluoromethane (Surr)	99		77 - 118

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Lab Sample ID: 580-64072-24 MS

Matrix: Water

Analysis Batch: 232883

Client Sample ID: MW-36_20161109

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene - DL	250	F1	200	450		ug/L		100	75 - 120

Surrogate	MS %Recovery	MS Qualifier	Limits
Trifluorotoluene (Surr) - DL	102		80 - 141
Toluene-d8 (Surr) - DL	105		82 - 122
1,2-Dichloroethane-d4 (Surr) - DL	92		65 - 143
4-Bromofluorobenzene (Surr) - DL	105		75 - 125
Dibromofluoromethane (Surr) - DL	98		77 - 118

Lab Sample ID: 580-64072-24 MSD

Matrix: Water

Analysis Batch: 232883

Client Sample ID: MW-36_20161109

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Toluene - DL	250	F1	200	397	F1	ug/L		73	75 - 120	12	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Trifluorotoluene (Surr) - DL	105		80 - 141
Toluene-d8 (Surr) - DL	102		82 - 122
1,2-Dichloroethane-d4 (Surr) - DL	91		65 - 143
4-Bromofluorobenzene (Surr) - DL	107		75 - 125
Dibromofluoromethane (Surr) - DL	100		77 - 118

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Method: 8260C - Volatile Organic Compounds by GC/MS - DL (Continued)

Lab Sample ID: 580-64072-30 MS

Matrix: Water

Analysis Batch: 232883

Client Sample ID: MW-42_20161109

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
m-Xylene & p-Xylene - DL	3900		2000	6210		ug/L		115	75 - 119
o-Xylene - DL	ND		2000	2340		ug/L		102	74 - 120
Xylenes, Total - DL	3900		4010	8550		ug/L		116	75 - 119

Surrogate	MS %Recovery	MS Qualifier	Limits
Trifluorotoluene (Surr) - DL	103		80 - 141
Toluene-d8 (Surr) - DL	105		82 - 122
1,2-Dichloroethane-d4 (Surr) - DL	97		65 - 143
4-Bromofluorobenzene (Surr) - DL	101		75 - 125
Dibromofluoromethane (Surr) - DL	101		77 - 118

Lab Sample ID: 580-64072-30 MSD

Matrix: Water

Analysis Batch: 232883

Client Sample ID: MW-42_20161109

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
m-Xylene & p-Xylene - DL	3900		2000	6230		ug/L		117	75 - 119	0	35
o-Xylene - DL	ND		2000	2440		ug/L		106	74 - 120	4	35
Xylenes, Total - DL	3900		4010	8670		ug/L		119	75 - 119	1	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Trifluorotoluene (Surr) - DL	102		80 - 141
Toluene-d8 (Surr) - DL	105		82 - 122
1,2-Dichloroethane-d4 (Surr) - DL	96		65 - 143
4-Bromofluorobenzene (Surr) - DL	103		75 - 125
Dibromofluoromethane (Surr) - DL	100		77 - 118

Method: 8260C - Volatile Organic Compounds by GC/MS - DL2

Lab Sample ID: 580-64072-24 MS

Matrix: Water

Analysis Batch: 233016

Client Sample ID: MW-36_20161109

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene - DL2	5100	F1	2010	7000		ug/L		94	80 - 120
Ethylbenzene - DL2	1900		2010	3900		ug/L		102	75 - 119
m-Xylene & p-Xylene - DL2	5300		2000	7090		ug/L		87	75 - 119
o-Xylene - DL2	1200		2000	3220		ug/L		100	74 - 120
Xylenes, Total - DL2	6500		4010	10300		ug/L		95	75 - 119

Surrogate	MS %Recovery	MS Qualifier	Limits
Trifluorotoluene (Surr) - DL2	103		80 - 141

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Method: 8260C - Volatile Organic Compounds by GC/MS - DL2 (Continued)

Lab Sample ID: 580-64072-24 MS

Matrix: Water

Analysis Batch: 233016

Client Sample ID: MW-36_20161109

Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
Toluene-d8 (Surr) - DL2	105		82 - 122
1,2-Dichloroethane-d4 (Surr) - DL2	76		65 - 143
4-Bromofluorobenzene (Surr) - DL2	100		75 - 125
Dibromofluoromethane (Surr) - DL2	95		77 - 118

Lab Sample ID: 580-64072-24 MSD

Matrix: Water

Analysis Batch: 233016

Client Sample ID: MW-36_20161109

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene - DL2	5100	F1	2010	6570	F1	ug/L		73	80 - 120	6	35
Ethylbenzene - DL2	1900		2010	3960		ug/L		105	75 - 119	2	35
m-Xylene & p-Xylene - DL2	5300		2000	7090		ug/L		87	75 - 119	0	35
o-Xylene - DL2	1200		2000	3080		ug/L		93	74 - 120	4	35
Xylenes, Total - DL2	6500		4010	10200		ug/L		92	75 - 119	1	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Trifluorotoluene (Surr) - DL2	100		80 - 141
Toluene-d8 (Surr) - DL2	107		82 - 122
1,2-Dichloroethane-d4 (Surr) - DL2	74		65 - 143
4-Bromofluorobenzene (Surr) - DL2	105		75 - 125
Dibromofluoromethane (Surr) - DL2	95		77 - 118

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

Lab Sample ID: MB 580-232603/5

Matrix: Water

Analysis Batch: 232603

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			11/16/16 18:30	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	100		50 - 150					11/16/16 18:30	1
4-Bromofluorobenzene (Surr)	97		50 - 150					11/16/16 18:30	1

Lab Sample ID: LCS 580-232603/6

Matrix: Water

Analysis Batch: 232603

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline	1160	1110		ug/L		96	79 - 110

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

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

Lab Sample ID: LCS 580-232603/6

Matrix: Water

Analysis Batch: 232603

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Trifluorotoluene (Surr)	102		50 - 150
4-Bromofluorobenzene (Surr)	104		50 - 150

Lab Sample ID: LCSD 580-232603/7

Matrix: Water

Analysis Batch: 232603

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline	1160	1120		ug/L		96	79 - 110	0	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Trifluorotoluene (Surr)	103		50 - 150
4-Bromofluorobenzene (Surr)	103		50 - 150

Lab Sample ID: MB 580-232607/6

Matrix: Water

Analysis Batch: 232607

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			11/16/16 19:33	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	104		50 - 150		11/16/16 19:33	1
4-Bromofluorobenzene (Surr)	98		50 - 150		11/16/16 19:33	1

Lab Sample ID: LCS 580-232607/7

Matrix: Water

Analysis Batch: 232607

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline	1160	1080		ug/L		93	79 - 110

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Trifluorotoluene (Surr)	107		50 - 150
4-Bromofluorobenzene (Surr)	106		50 - 150

Lab Sample ID: LCSD 580-232607/8

Matrix: Water

Analysis Batch: 232607

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline	1160	1060		ug/L		91	79 - 110	2	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Trifluorotoluene (Surr)	102		50 - 150
4-Bromofluorobenzene (Surr)	105		50 - 150

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

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

Lab Sample ID: MB 580-232631/5

Matrix: Water

Analysis Batch: 232631

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			11/17/16 11:02	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	87		50 - 150					11/17/16 11:02	1
4-Bromofluorobenzene (Surr)	95		50 - 150					11/17/16 11:02	1

Lab Sample ID: LCS 580-232631/6

Matrix: Water

Analysis Batch: 232631

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline	1160	1080		ug/L		92	79 - 110
Surrogate	%Recovery	LCS Qualifier	Limits				
Trifluorotoluene (Surr)	89		50 - 150				
4-Bromofluorobenzene (Surr)	102		50 - 150				

Lab Sample ID: LCSD 580-232631/7

Matrix: Water

Analysis Batch: 232631

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline	1160	1070		ug/L		92	79 - 110	1	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
Trifluorotoluene (Surr)	87		50 - 150						
4-Bromofluorobenzene (Surr)	102		50 - 150						

Lab Sample ID: 580-64072-30 MS

Matrix: Water

Analysis Batch: 232631

Client Sample ID: MW-42_20161109

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline	27000		29100	52900		ug/L		90	50 - 150
Surrogate	%Recovery	MS Qualifier	Limits						
Trifluorotoluene (Surr)	85		50 - 150						
4-Bromofluorobenzene (Surr)	109		50 - 150						

Lab Sample ID: 580-64072-30 MSD

Matrix: Water

Analysis Batch: 232631

Client Sample ID: MW-42_20161109

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline	27000		29100	52800		ug/L		90	50 - 150	0	35

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

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

Lab Sample ID: 580-64072-30 MSD

Matrix: Water

Analysis Batch: 232631

Client Sample ID: MW-42_20161109

Prep Type: Total/NA

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
Trifluorotoluene (Surr)	85		50 - 150
4-Bromofluorobenzene (Surr)	110		50 - 150

Lab Sample ID: 580-64072-48 MS

Matrix: Water

Analysis Batch: 232631

Client Sample ID: MW-57_20161109

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline	150		1160	1370		ug/L		105	50 - 150
Surrogate	MS	MS							
	%Recovery	Qualifier	Limits						
Trifluorotoluene (Surr)	89		50 - 150						
4-Bromofluorobenzene (Surr)	117		50 - 150						

Lab Sample ID: 580-64072-48 MSD

Matrix: Water

Analysis Batch: 232631

Client Sample ID: MW-57_20161109

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline	150		1160	1320		ug/L		100	50 - 150	4	35
Surrogate	MSD	MSD									
	%Recovery	Qualifier	Limits								
Trifluorotoluene (Surr)	89		50 - 150								
4-Bromofluorobenzene (Surr)	118		50 - 150								

Lab Sample ID: 580-64072-49 MS

Matrix: Water

Analysis Batch: 232631

Client Sample ID: MW-58_20161109

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline	2200		1160	3200		ug/L		89	50 - 150
Surrogate	MS	MS							
	%Recovery	Qualifier	Limits						
Trifluorotoluene (Surr)	86		50 - 150						
4-Bromofluorobenzene (Surr)	163	X	50 - 150						

Lab Sample ID: 580-64072-49 MSD

Matrix: Water

Analysis Batch: 232631

Client Sample ID: MW-58_20161109

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline	2200		1160	3240		ug/L		92	50 - 150	1	35
Surrogate	MSD	MSD									
	%Recovery	Qualifier	Limits								
Trifluorotoluene (Surr)	86		50 - 150								
4-Bromofluorobenzene (Surr)	160	X	50 - 150								

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

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

Lab Sample ID: MB 580-232741/6

Matrix: Water

Analysis Batch: 232741

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			11/18/16 14:01	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	86		50 - 150					11/18/16 14:01	1
4-Bromofluorobenzene (Surr)	97		50 - 150					11/18/16 14:01	1

Lab Sample ID: LCS 580-232741/7

Matrix: Water

Analysis Batch: 232741

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline	1160	1020		ug/L		88	79 - 110		
Surrogate	%Recovery	LCS Qualifier	Limits						
Trifluorotoluene (Surr)	92		50 - 150						
4-Bromofluorobenzene (Surr)	106		50 - 150						

Lab Sample ID: LCSD 580-232741/8

Matrix: Water

Analysis Batch: 232741

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline	1160	1020		ug/L		88	79 - 110	0	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
Trifluorotoluene (Surr)	90		50 - 150						
4-Bromofluorobenzene (Surr)	106		50 - 150						

Lab Sample ID: MB 580-232770/6

Matrix: Water

Analysis Batch: 232770

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			11/18/16 15:29	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	80		50 - 150					11/18/16 15:29	1
4-Bromofluorobenzene (Surr)	96		50 - 150					11/18/16 15:29	1

Lab Sample ID: LCS 580-232770/7

Matrix: Water

Analysis Batch: 232770

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline	1160	1030		ug/L		89	79 - 110		

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

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

Lab Sample ID: LCS 580-232770/7

Matrix: Water

Analysis Batch: 232770

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Trifluorotoluene (Surr)	86		50 - 150
4-Bromofluorobenzene (Surr)	102		50 - 150

Lab Sample ID: LCSD 580-232770/8

Matrix: Water

Analysis Batch: 232770

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline	1160	1040		ug/L		89	79 - 110	1	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
Trifluorotoluene (Surr)	85		50 - 150						
4-Bromofluorobenzene (Surr)	101		50 - 150						

Lab Sample ID: MB 580-232914/6

Matrix: Water

Analysis Batch: 232914

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline	ND		50		ug/L	-		11/21/16 11:41	1
Surrogate	MB	MB	Limits				Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier							
Trifluorotoluene (Surr)	84		50 - 150					11/21/16 11:41	1
4-Bromofluorobenzene (Surr)	98		50 - 150					11/21/16 11:41	1

Lab Sample ID: LCS 580-232914/7

Matrix: Water

Analysis Batch: 232914

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline			1160	1050		ug/L	-	90	79 - 110		
Surrogate	LCS %Recovery	LCS Qualifier	Limits								
Trifluorotoluene (Surr)	84		50 - 150								
4-Bromofluorobenzene (Surr)	107		50 - 150								

Lab Sample ID: LCSD 580-232914/8

Matrix: Water

Analysis Batch: 232914

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline	1160	1060		ug/L		91	79 - 110	1	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
Trifluorotoluene (Surr)	83		50 - 150						
4-Bromofluorobenzene (Surr)	106		50 - 150						

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

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

Lab Sample ID: MB 580-233053/6

Matrix: Water

Analysis Batch: 233053

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		50		ug/L			11/22/16 12:15	1

Surrogate	%Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Trifluorotoluene (Surr)	72		50 - 150		11/22/16 12:15	1
4-Bromofluorobenzene (Surr)	97		50 - 150		11/22/16 12:15	1

Lab Sample ID: LCS 580-233053/7

Matrix: Water

Analysis Batch: 233053

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline	1160	1100		ug/L		95	79 - 110

Surrogate	%Recovery	LCS Qualifier	Limits
Trifluorotoluene (Surr)	77		50 - 150
4-Bromofluorobenzene (Surr)	104		50 - 150

Lab Sample ID: LCSD 580-233053/8

Matrix: Water

Analysis Batch: 233053

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline	1160	1100		ug/L		95	79 - 110	0	20

Surrogate	%Recovery	LCSD Qualifier	Limits
Trifluorotoluene (Surr)	75		50 - 150
4-Bromofluorobenzene (Surr)	104		50 - 150

Lab Sample ID: 580-64072-24 MS

Matrix: Water

Analysis Batch: 233053

Client Sample ID: MW-36_20161109

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline	44000		58100	101000		ug/L		97	50 - 150

Surrogate	%Recovery	MS Qualifier	Limits
Trifluorotoluene (Surr)	78		50 - 150
4-Bromofluorobenzene (Surr)	108		50 - 150

Lab Sample ID: 580-64072-24 MSD

Matrix: Water

Analysis Batch: 233053

Client Sample ID: MW-36_20161109

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline	44000		58100	92000		ug/L		82	50 - 150	9	35

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

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

Lab Sample ID: 580-64072-24 MSD

Matrix: Water

Analysis Batch: 233053

Client Sample ID: MW-36_20161109

Prep Type: Total/NA

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
Trifluorotoluene (Surr)	77		50 - 150
4-Bromofluorobenzene (Surr)	107		50 - 150

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

Lab Sample ID: MB 580-232591/1-A

Matrix: Water

Analysis Batch: 232721

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 232591

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
#2 Diesel (C10-C24)	ND		110		ug/L		11/16/16 14:47	11/18/16 03:53	1
Motor Oil (>C24-C36)	ND		250		ug/L		11/16/16 14:47	11/18/16 03:53	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
o-Terphenyl	92		50 - 150	11/16/16 14:47	11/18/16 03:53	1

Lab Sample ID: LCS 580-232591/2-A

Matrix: Water

Analysis Batch: 232721

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 232591

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.
	Added	Result	Qualifier				Limits
#2 Diesel (C10-C24)	2010	1520		ug/L		75	59 - 120
Motor Oil (>C24-C36)	2010	1560		ug/L		77	53 - 129

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
o-Terphenyl	89		50 - 150

Lab Sample ID: LCSD 580-232591/3-A

Matrix: Water

Analysis Batch: 232721

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 232591

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec.	RPD
	Added	Result	Qualifier				Limits	Limit
#2 Diesel (C10-C24)	2010	1630		ug/L		81	59 - 120	7
Motor Oil (>C24-C36)	2010	1700		ug/L		84	53 - 129	9

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
o-Terphenyl	94		50 - 150

Lab Sample ID: MB 580-232655/1-A

Matrix: Water

Analysis Batch: 232721

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 232655

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
#2 Diesel (C10-C24)	ND		110		ug/L		11/17/16 11:09	11/17/16 18:46	1
Motor Oil (>C24-C36)	ND		250		ug/L		11/17/16 11:09	11/17/16 18:46	1

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

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

Lab Sample ID: MB 580-232655/1-A

Matrix: Water

Analysis Batch: 232721

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 232655

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	100		50 - 150	11/17/16 11:09	11/17/16 18:46	1

Lab Sample ID: LCS 580-232655/2-A

Matrix: Water

Analysis Batch: 232721

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 232655

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
#2 Diesel (C10-C24)	2010	1610		ug/L		80	59 - 120
Motor Oil (>C24-C36)	2010	1750		ug/L		87	53 - 129
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
o-Terphenyl	88		50 - 150				

Lab Sample ID: LCSD 580-232655/3-A

Matrix: Water

Analysis Batch: 232721

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 232655

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
#2 Diesel (C10-C24)	2010	1700		ug/L		85	59 - 120	6	27
Motor Oil (>C24-C36)	2010	1890		ug/L		94	53 - 129	8	19
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
o-Terphenyl	93		50 - 150						

Lab Sample ID: 580-64072-30 MS

Matrix: Water

Analysis Batch: 232721

Client Sample ID: MW-42_20161109

Prep Type: Total/NA

Prep Batch: 232655

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
#2 Diesel (C10-C24)	3900	F1 F2	2040	5630	F1	ug/L		275	59 - 120
Motor Oil (>C24-C36)	ND	F2	2040	1830		ug/L		89	63 - 129
Surrogate	MS %Recovery	MS Qualifier	Limits						
o-Terphenyl	87		50 - 150						

Lab Sample ID: 580-64072-30 MSD

Matrix: Water

Analysis Batch: 232721

Client Sample ID: MW-42_20161109

Prep Type: Total/NA

Prep Batch: 232655

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
#2 Diesel (C10-C24)	3900	F1 F2	2030	5570	F1 F2	ug/L		274	59 - 120	200	27
Motor Oil (>C24-C36)	ND	F2	2030	1800	F2	ug/L		89	63 - 129	200	19
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
o-Terphenyl	84		50 - 150								

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

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

Lab Sample ID: 580-64072-48 MS

Matrix: Water

Analysis Batch: 232721

Client Sample ID: MW-57_20161109

Prep Type: Total/NA

Prep Batch: 232655

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.		
	Result	Qualifier	Added	Result	Qualifier				Limits		
#2 Diesel (C10-C24)	150	F2	2040	1870		ug/L		92	59 - 120		
Motor Oil (>C24-C36)	ND	F2	2040	1990		ug/L		98	63 - 129		
Surrogate	MS	MS									
	%Recovery	Qualifier	Limits								
<i>o</i> -Terphenyl	96		50 - 150								

Lab Sample ID: 580-64072-48 MSD

Matrix: Water

Analysis Batch: 232721

Client Sample ID: MW-57_20161109

Prep Type: Total/NA

Prep Batch: 232655

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
#2 Diesel (C10-C24)	150	F2	2050	1510	F2	ug/L	—	73	59 - 120	200	27
Motor Oil (>C24-C36)	ND	F2	2060	1570	F2	ug/L		76	63 - 129	199	19
Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits								
<i>o</i> -Terphenyl	77		50 - 150								

Lab Sample ID: 580-64072-49 MS

Matrix: Water

Analysis Batch: 232721

Client Sample ID: MW-58_20161109

Prep Type: Total/NA

Prep Batch: 232655

	Sample	Sample	Spike	MS	MS				%Rec.		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
#2 Diesel (C10-C24)	4400	F1 F2	2040	6730	F1	ug/L		329	59 - 120		
Motor Oil (>C24-C36)	660	F1 F2	2040	2690	F1	ug/L		131	63 - 129		

Lab Sample ID: 580-64072-49 MSD

Matrix: Water

Analysis Batch: 232721

Client Sample ID: MW-58_20161109

Prep Type: Total/NA

Prep Batch: 232655

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
#2 Diesel (C10-C24)	4400	F1 F2	2040	6670	F1 F2	ug/L	—	326	59 - 120	200	27
Motor Oil (>C24-C36)	660	F1 F2	2040	2590	F2	ug/L		127	63 - 129	200	19
					</						

Lab Sample ID: MB 580-232743/1-A

Matrix: Water

Analysis Batch: 232760

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 232743

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		11/18/16 09:50	11/18/16 14:43	1
Motor Oil (>C24-C36)	ND		250		ug/L		11/18/16 09:50	11/18/16 14:43	1

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

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

Lab Sample ID: MB 580-232743/1-A

Matrix: Water

Analysis Batch: 232760

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 232743

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl	73		50 - 150	11/18/16 09:50	11/18/16 14:43	1

Lab Sample ID: LCS 580-232743/2-A

Matrix: Water

Analysis Batch: 232760

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 232743

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
#2 Diesel (C10-C24)	2010	1570		ug/L		78	59 - 120
Motor Oil (>C24-C36)	2010	1700		ug/L		84	53 - 129
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
o-Terphenyl	83		50 - 150				

Lab Sample ID: LCSD 580-232743/3-A

Matrix: Water

Analysis Batch: 232760

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 232743

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
#2 Diesel (C10-C24)	2010	1700		ug/L		84	59 - 120	8	27
Motor Oil (>C24-C36)	2010	1810		ug/L		90	53 - 129	7	19
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
o-Terphenyl	88		50 - 150						

Lab Sample ID: 580-64072-24 MS

Matrix: Water

Analysis Batch: 232760

Client Sample ID: MW-36_20161109

Prep Type: Total/NA

Prep Batch: 232743

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
#2 Diesel (C10-C24)	3700	F1 F2	2030	5590	F1	ug/L		276	59 - 120
Motor Oil (>C24-C36)	ND	F2	2030	1810		ug/L		89	63 - 129
Surrogate	MS %Recovery	MS Qualifier	Limits						
o-Terphenyl	78		50 - 150						

Lab Sample ID: 580-64072-24 MSD

Matrix: Water

Analysis Batch: 232760

Client Sample ID: MW-36_20161109

Prep Type: Total/NA

Prep Batch: 232743

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
#2 Diesel (C10-C24)	3700	F1 F2	2020	5170	F1 F2	ug/L		255	59 - 120	200	27
Motor Oil (>C24-C36)	ND	F2	2020	1710	F2	ug/L		84	63 - 129	200	19
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
o-Terphenyl	76		50 - 150								

TestAmerica Seattle

QC Sample Results

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

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

Lab Sample ID: MB 580-233072/1-A

Matrix: Water

Analysis Batch: 233165

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 233072

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
#2 Diesel (C10-C24)	ND		110		ug/L		11/22/16 13:43	11/23/16 16:49	1
Motor Oil (>C24-C36)	ND		250		ug/L		11/22/16 13:43	11/23/16 16:49	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	88		50 - 150				11/22/16 13:43	11/23/16 16:49	1

Lab Sample ID: LCS 580-233072/2-A

Matrix: Water

Analysis Batch: 233165

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 233072

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
#2 Diesel (C10-C24)	2010	1560		ug/L		77	59 - 120		
Motor Oil (>C24-C36)	2010	1560		ug/L		77	53 - 129		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
o-Terphenyl	80		50 - 150						

Lab Sample ID: LCSD 580-233072/3-A

Matrix: Water

Analysis Batch: 233165

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 233072

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
#2 Diesel (C10-C24)	2010	1670		ug/L		83	59 - 120	7	27
Motor Oil (>C24-C36)	2010	1720		ug/L		85	53 - 129	10	19
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
o-Terphenyl	82		50 - 150						

TestAmerica Seattle

Lab Chronicle

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: C_20161109

Date Collected: 11/09/16 10:30

Date Received: 11/11/16 11:35

Lab Sample ID: 580-64072-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	232725	11/18/16 07:14	D1R	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	232770	11/18/16 18:13	TL1	TAL SEA
Total/NA	Prep	3510C			232743	11/18/16 09:50	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	232760	11/18/16 15:44	TL1	TAL SEA

Client Sample ID: MW-1_20161108

Date Collected: 11/08/16 10:10

Date Received: 11/11/16 11:35

Lab Sample ID: 580-64072-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	232622	11/17/16 13:21	TL1	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	232603	11/16/16 21:42	JW1L	TAL SEA
Total/NA	Prep	3510C			232591	11/16/16 14:47	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	232721	11/18/16 05:01	KZ1	TAL SEA

Client Sample ID: MW-2_20161108

Date Collected: 11/08/16 09:45

Date Received: 11/11/16 11:35

Lab Sample ID: 580-64072-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	232622	11/17/16 13:47	TL1	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	232603	11/16/16 22:14	JW1L	TAL SEA
Total/NA	Prep	3510C			232591	11/16/16 14:47	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	232721	11/18/16 05:23	KZ1	TAL SEA

Client Sample ID: MW-12_20161109

Date Collected: 11/09/16 10:50

Date Received: 11/11/16 11:35

Lab Sample ID: 580-64072-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	232725	11/18/16 07:42	D1R	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	232770	11/18/16 18:45	TL1	TAL SEA
Total/NA	Prep	3510C			232655	11/17/16 11:09	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	232721	11/17/16 19:53	KZ1	TAL SEA

Client Sample ID: MW-14_20161109

Date Collected: 11/09/16 11:10

Date Received: 11/11/16 11:35

Lab Sample ID: 580-64072-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	232725	11/18/16 08:11	D1R	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	232770	11/18/16 19:18	TL1	TAL SEA

TestAmerica Seattle

Lab Chronicle

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			232655	11/17/16 11:09	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	232721	11/17/16 20:15	KZ1	TAL SEA

Client Sample ID: MW-17A_20161108

Lab Sample ID: 580-64072-6

Date Collected: 11/08/16 16:00

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	232622	11/17/16 14:13	TL1	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	232603	11/16/16 22:46	JW1L	TAL SEA
Total/NA	Prep	3510C			232591	11/16/16 14:47	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	232721	11/18/16 05:46	KZ1	TAL SEA

Client Sample ID: MW-18_20161108

Lab Sample ID: 580-64072-7

Date Collected: 11/08/16 15:30

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	DL	20	232883	11/21/16 15:18	CJ	TAL SEA
Total/NA	Analysis	8260C		1	232817	11/19/16 07:20	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	232603	11/16/16 23:18	JW1L	TAL SEA
Total/NA	Prep	3510C			232591	11/16/16 14:47	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	232721	11/18/16 06:09	KZ1	TAL SEA

Client Sample ID: MW-19_20161108

Lab Sample ID: 580-64072-8

Date Collected: 11/09/16 10:25

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	232725	11/18/16 08:40	D1R	TAL SEA
Total/NA	Analysis	8260C	DL	100	232753	11/18/16 18:05	JW1L	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	232770	11/18/16 19:50	TL1	TAL SEA
Total/NA	Prep	3510C			232743	11/18/16 09:50	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	232760	11/18/16 16:04	TL1	TAL SEA

Client Sample ID: MW-20_20161108

Lab Sample ID: 580-64072-9

Date Collected: 11/08/16 10:35

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	232622	11/17/16 14:40	TL1	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	232631	11/17/16 13:10	TL1	TAL SEA
Total/NA	Prep	3510C			232655	11/17/16 11:09	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	232721	11/17/16 20:37	KZ1	TAL SEA

TestAmerica Seattle

Lab Chronicle

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: Dup-1_20161109

Lab Sample ID: 580-64072-10

Date Collected: 11/09/16 09:00

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	DL	100	232753	11/18/16 18:32	JW1L	TAL SEA
Total/NA	Analysis	NWTPH-Gx		50	232914	11/21/16 18:58	W1T	TAL SEA
Total/NA	Prep	3510C			232655	11/17/16 11:09	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	232721	11/17/16 20:59	KZ1	TAL SEA

Client Sample ID: Trip Blank-1_20161108

Lab Sample ID: 580-64072-11

Date Collected: 11/08/16 00:01

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	232669	11/17/16 23:54	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	232603	11/16/16 20:06	JW1L	TAL SEA

Client Sample ID: MW-21_20161108

Lab Sample ID: 580-64072-12

Date Collected: 11/08/16 10:15

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	232753	11/18/16 20:18	JW1L	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	232603	11/17/16 00:54	JW1L	TAL SEA
Total/NA	Prep	3510C			232591	11/16/16 14:47	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	232721	11/18/16 06:53	KZ1	TAL SEA

Client Sample ID: MW-22_20161109

Lab Sample ID: 580-64072-13

Date Collected: 11/09/16 15:40

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	232669	11/18/16 01:13	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	232603	11/17/16 01:26	JW1L	TAL SEA
Total/NA	Prep	3510C			232591	11/16/16 14:47	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	232721	11/18/16 07:15	KZ1	TAL SEA

Client Sample ID: MW-23_20161109

Lab Sample ID: 580-64072-14

Date Collected: 11/09/16 11:25

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	232669	11/18/16 01:39	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	232603	11/17/16 01:58	JW1L	TAL SEA
Total/NA	Prep	3510C			232591	11/16/16 14:47	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	232721	11/18/16 07:38	KZ1	TAL SEA

TestAmerica Seattle

Lab Chronicle

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-24_20161109

Lab Sample ID: 580-64072-15

Date Collected: 11/09/16 08:50

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	232725	11/18/16 10:34	D1R	TAL SEA
Total/NA	Analysis	NWTPH-Gx		5	232914	11/21/16 16:53	W1T	TAL SEA
Total/NA	Prep	3510C			232743	11/18/16 09:50	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	232760	11/18/16 16:25	TL1	TAL SEA

Client Sample ID: MW-25_20161108

Lab Sample ID: 580-64072-16

Date Collected: 11/08/16 14:50

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	RA	1	232883	11/21/16 12:27	CJ	TAL SEA
Total/NA	Analysis	8260C		1	232817	11/19/16 07:46	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	232603	11/17/16 02:30	JW1L	TAL SEA
Total/NA	Prep	3510C			232591	11/16/16 14:47	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	232721	11/18/16 08:00	KZ1	TAL SEA

Client Sample ID: MW-28_20161109

Lab Sample ID: 580-64072-17

Date Collected: 11/09/16 08:45

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	232725	11/18/16 09:37	D1R	TAL SEA
Total/NA	Analysis	8260C	DL	50	232753	11/18/16 17:38	JW1L	TAL SEA
Total/NA	Analysis	NWTPH-Gx		10	232914	11/21/16 19:30	W1T	TAL SEA
Total/NA	Prep	3510C			232743	11/18/16 09:50	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	232760	11/18/16 16:45	TL1	TAL SEA

Client Sample ID: MW-29_20161109

Lab Sample ID: 580-64072-18

Date Collected: 11/09/16 09:10

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	232725	11/18/16 10:06	D1R	TAL SEA
Total/NA	Analysis	8260C	RA	1	232753	11/18/16 13:13	JW1L	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	232914	11/21/16 14:17	W1T	TAL SEA
Total/NA	Prep	3510C			232743	11/18/16 09:50	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	232760	11/18/16 17:06	TL1	TAL SEA

TestAmerica Seattle

Lab Chronicle

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-31_20161109

Lab Sample ID: 580-64072-19

Date Collected: 11/09/16 09:30

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	DL	20	232883	11/21/16 15:46	CJ	TAL SEA
Total/NA	Analysis	8260C	DL2	200	233016	11/22/16 17:33	TL1	TAL SEA
Total/NA	Analysis	NWTPH-Gx		50	232914	11/21/16 17:56	W1T	TAL SEA
Total/NA	Prep	3510C			232743	11/18/16 09:50	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	232760	11/18/16 17:26	TL1	TAL SEA

Client Sample ID: MW-32_20161108

Lab Sample ID: 580-64072-20

Date Collected: 11/08/16 15:10

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	DL	100	232883	11/21/16 13:24	CJ	TAL SEA
Total/NA	Analysis	8260C		10	232753	11/18/16 20:45	JW1L	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	232603	11/17/16 03:34	JW1L	TAL SEA
Total/NA	Prep	3510C			232591	11/16/16 14:47	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	232721	11/18/16 08:22	KZ1	TAL SEA

Client Sample ID: Dup-2_20161109

Lab Sample ID: 580-64072-21

Date Collected: 11/09/16 14:00

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	232669	11/18/16 02:06	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	232603	11/17/16 04:06	JW1L	TAL SEA
Total/NA	Prep	3510C			232591	11/16/16 14:47	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	232721	11/18/16 08:45	KZ1	TAL SEA

Client Sample ID: Trip Blank-2_20161108

Lab Sample ID: 580-64072-22

Date Collected: 11/08/16 00:05

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	232669	11/18/16 00:21	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	232603	11/16/16 20:38	JW1L	TAL SEA

Client Sample ID: MW-35_20161109

Lab Sample ID: 580-64072-23

Date Collected: 11/09/16 09:35

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	DL	50	232883	11/21/16 19:07	CJ	TAL SEA
Total/NA	Analysis	8260C	DL2	1000	233016	11/22/16 18:30	TL1	TAL SEA

TestAmerica Seattle

Lab Chronicle

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	NWTPH-Gx		100	232914	11/21/16 17:24	W1T	TAL SEA
Total/NA	Prep	3510C			232591	11/16/16 14:47	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	232721	11/18/16 09:08	KZ1	TAL SEA

Client Sample ID: MW-36_20161109

Lab Sample ID: 580-64072-24

Date Collected: 11/09/16 10:00

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	DL	20	232883	11/21/16 16:15	CJ	TAL SEA
Total/NA	Analysis	8260C	DL2	200	233016	11/22/16 14:42	TL1	TAL SEA
Total/NA	Analysis	NWTPH-Gx		50	233053	11/22/16 18:08	TL1	TAL SEA
Total/NA	Prep	3510C			232743	11/18/16 09:50	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	232760	11/18/16 17:47	TL1	TAL SEA

Client Sample ID: MW-37_20161108

Lab Sample ID: 580-64072-25

Date Collected: 11/08/16 11:45

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	232622	11/17/16 15:08	TL1	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	232631	11/17/16 13:42	TL1	TAL SEA
Total/NA	Prep	3510C			232655	11/17/16 11:09	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	232721	11/17/16 21:21	KZ1	TAL SEA

Client Sample ID: MW-38_20161108

Lab Sample ID: 580-64072-26

Date Collected: 11/08/16 15:10

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	232622	11/17/16 15:35	TL1	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	232603	11/17/16 05:10	JW1L	TAL SEA
Total/NA	Prep	3510C			232655	11/17/16 11:09	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	232721	11/17/16 21:43	KZ1	TAL SEA

Client Sample ID: MW-39_20161108

Lab Sample ID: 580-64072-27

Date Collected: 11/08/16 11:25

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	232622	11/17/16 16:00	TL1	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	232603	11/17/16 05:42	JW1L	TAL SEA
Total/NA	Prep	3510C			232655	11/17/16 11:09	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	232721	11/17/16 22:05	KZ1	TAL SEA

TestAmerica Seattle

Lab Chronicle

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-40_20161108

Lab Sample ID: 580-64072-28

Date Collected: 11/08/16 10:30

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	232622	11/17/16 16:27	TL1	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	232603	11/17/16 06:14	JW1L	TAL SEA
Total/NA	Prep	3510C			232655	11/17/16 11:09	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	232721	11/17/16 22:48	KZ1	TAL SEA

Client Sample ID: MW-41_20161109

Lab Sample ID: 580-64072-29

Date Collected: 11/09/16 14:15

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	232622	11/17/16 16:54	TL1	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	232603	11/17/16 06:46	JW1L	TAL SEA
Total/NA	Prep	3510C			233072	11/22/16 13:43	DSO	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	233165	11/23/16 18:18	CJ	TAL SEA

Client Sample ID: MW-42_20161109

Lab Sample ID: 580-64072-30

Date Collected: 11/09/16 14:35

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	DL	200	232883	11/21/16 13:52	CJ	TAL SEA
Total/NA	Analysis	8260C		20	232753	11/18/16 18:58	JW1L	TAL SEA
Total/NA	Analysis	NWTPH-Gx		25	232631	11/17/16 16:54	TL1	TAL SEA
Total/NA	Prep	3510C			232655	11/17/16 11:09	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	232721	11/17/16 23:10	KZ1	TAL SEA

Client Sample ID: MW-43_20161109

Lab Sample ID: 580-64072-31

Date Collected: 11/09/16 15:00

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		20	232753	11/18/16 21:12	JW1L	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	232607	11/16/16 21:06	JW1L	TAL SEA
Total/NA	Prep	3510C			233072	11/22/16 13:43	DSO	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	233165	11/23/16 18:40	CJ	TAL SEA

Client Sample ID: MW-44_20161109

Lab Sample ID: 580-64072-33

Date Collected: 11/09/16 15:20

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	232753	11/18/16 21:38	JW1L	TAL SEA

TestAmerica Seattle

Lab Chronicle

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-44_20161109

Lab Sample ID: 580-64072-33

Date Collected: 11/09/16 15:20

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	DL	100	232817	11/19/16 02:56	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	232607	11/16/16 21:37	JW1L	TAL SEA
Total/NA	Prep	3510C			233072	11/22/16 13:43	DSO	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	233165	11/23/16 19:02	CJ	TAL SEA

Client Sample ID: MW-45_20161108

Lab Sample ID: 580-64072-34

Date Collected: 11/08/16 14:30

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	232725	11/18/16 11:03	D1R	TAL SEA
Total/NA	Analysis	8260C	DL	20	232725	11/18/16 14:24	D1R	TAL SEA
Total/NA	Analysis	NWTPH-Gx		10	232914	11/21/16 18:27	W1T	TAL SEA
Total/NA	Prep	3510C			232655	11/17/16 11:09	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	232721	11/18/16 00:16	KZ1	TAL SEA

Client Sample ID: MW-47_20161108

Lab Sample ID: 580-64072-35

Date Collected: 11/08/16 11:40

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	232725	11/18/16 11:32	D1R	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	232914	11/21/16 14:49	W1T	TAL SEA
Total/NA	Prep	3510C			232655	11/17/16 11:09	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	232721	11/18/16 00:38	KZ1	TAL SEA

Client Sample ID: MW-48_20161108

Lab Sample ID: 580-64072-36

Date Collected: 11/08/16 11:25

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	232725	11/18/16 12:00	D1R	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	232914	11/21/16 20:32	W1T	TAL SEA
Total/NA	Prep	3510C			232655	11/17/16 11:09	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	232721	11/18/16 01:00	KZ1	TAL SEA

Client Sample ID: MW-49_20161108

Lab Sample ID: 580-64072-37

Date Collected: 11/08/16 11:00

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	232725	11/18/16 12:28	D1R	TAL SEA

TestAmerica Seattle

Lab Chronicle

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-49_20161108

Lab Sample ID: 580-64072-37

Date Collected: 11/08/16 11:00

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	NWTPH-Gx		1	232914	11/21/16 21:03	W1T	TAL SEA
Total/NA	Prep	3510C			232743	11/18/16 09:50	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	232760	11/18/16 19:09	TL1	TAL SEA

Client Sample ID: MW-50_20161108

Lab Sample ID: 580-64072-38

Date Collected: 11/08/16 11:00

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	232725	11/18/16 12:57	D1R	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	232914	11/21/16 21:34	W1T	TAL SEA
Total/NA	Prep	3510C			232743	11/18/16 09:50	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	232760	11/18/16 19:29	TL1	TAL SEA

Client Sample ID: MW-51_20161108

Lab Sample ID: 580-64072-39

Date Collected: 11/08/16 14:50

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	232725	11/18/16 13:26	D1R	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	232741	11/18/16 21:21	W1T	TAL SEA
Total/NA	Prep	3510C			232591	11/16/16 14:47	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	232721	11/18/16 09:30	KZ1	TAL SEA

Client Sample ID: MW-52_20161108

Lab Sample ID: 580-64072-40

Date Collected: 11/08/16 15:30

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	232725	11/18/16 13:55	D1R	TAL SEA
Total/NA	Analysis	8260C	DL	50	232817	11/19/16 03:22	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	232741	11/18/16 21:53	W1T	TAL SEA
Total/NA	Prep	3510C			232591	11/16/16 14:47	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	232721	11/18/16 09:52	KZ1	TAL SEA

Client Sample ID: MW-53_20161109

Lab Sample ID: 580-64072-41

Date Collected: 11/09/16 09:50

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	DL	50	232883	11/21/16 19:35	CJ	TAL SEA
Total/NA	Analysis	8260C	DL2	1000	233016	11/22/16 18:01	TL1	TAL SEA

TestAmerica Seattle

Lab Chronicle

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-53_20161109

Lab Sample ID: 580-64072-41

Date Collected: 11/09/16 09:50

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	NWTPH-Gx		50	232914	11/21/16 16:22	W1T	TAL SEA
Total/NA	Prep	3510C			232743	11/18/16 09:50	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	232760	11/18/16 19:49	TL1	TAL SEA

Client Sample ID: MW-54_20161108

Lab Sample ID: 580-64072-42

Date Collected: 11/08/16 12:05

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	RA	1	232883	11/21/16 11:30	CJ	TAL SEA
Total/NA	Analysis	8260C		1	232817	11/19/16 04:15	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	232914	11/21/16 15:20	W1T	TAL SEA
Total/NA	Prep	3510C			232591	11/16/16 14:47	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	232721	11/18/16 10:14	KZ1	TAL SEA

Client Sample ID: Dup-4_20161109

Lab Sample ID: 580-64072-43

Date Collected: 11/09/16 04:30

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	RA	1	232883	11/21/16 11:59	CJ	TAL SEA
Total/NA	Analysis	8260C		1	232817	11/19/16 04:41	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	232741	11/18/16 23:27	W1T	TAL SEA
Total/NA	Prep	3510C			232591	11/16/16 14:47	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	232721	11/18/16 10:58	KZ1	TAL SEA

Client Sample ID: Trip Blank-4_20161108

Lab Sample ID: 580-64072-44

Date Collected: 11/08/16 00:15

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	232725	11/18/16 05:15	D1R	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	232770	11/18/16 17:07	TL1	TAL SEA

Client Sample ID: IW-1_20161109

Lab Sample ID: 580-64072-45

Date Collected: 11/09/16 11:20

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	232817	11/19/16 05:08	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	232914	11/21/16 13:15	W1T	TAL SEA
Total/NA	Prep	3510C			232743	11/18/16 09:50	JCV	TAL SEA

TestAmerica Seattle

Lab Chronicle

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: IW-1_20161109

Lab Sample ID: 580-64072-45

Date Collected: 11/09/16 11:20

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	NWTPH-Dx		1	232760	11/18/16 20:10	TL1	TAL SEA

Client Sample ID: MW-55_20161110

Lab Sample ID: 580-64072-46

Date Collected: 11/10/16 09:05

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	232725	11/18/16 06:12	D1R	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	232631	11/17/16 14:46	TL1	TAL SEA
Total/NA	Prep	3510C			232591	11/16/16 14:47	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	232721	11/18/16 11:21	KZ1	TAL SEA

Client Sample ID: MW-56_20161110

Lab Sample ID: 580-64072-47

Date Collected: 11/10/16 08:45

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	DL	20	232883	11/21/16 17:41	CJ	TAL SEA
Total/NA	Analysis	8260C	DL2	200	233016	11/22/16 17:05	TL1	TAL SEA
Total/NA	Analysis	8260C		1	232817	11/19/16 05:35	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	232607	11/16/16 22:39	JW1L	TAL SEA
Total/NA	Prep	3510C			232591	11/16/16 14:47	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	232721	11/18/16 11:43	KZ1	TAL SEA

Client Sample ID: MW-57_20161109

Lab Sample ID: 580-64072-48

Date Collected: 11/09/16 15:25

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	232753	11/18/16 13:40	JW1L	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	232631	11/17/16 16:22	TL1	TAL SEA
Total/NA	Prep	3510C			232655	11/17/16 11:09	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	232721	11/18/16 01:21	KZ1	TAL SEA

Client Sample ID: MW-58_20161109

Lab Sample ID: 580-64072-49

Date Collected: 11/09/16 15:00

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	232753	11/18/16 14:06	JW1L	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	232631	11/17/16 17:26	TL1	TAL SEA
Total/NA	Prep	3510C			232655	11/17/16 11:09	JCV	TAL SEA

TestAmerica Seattle

Lab Chronicle

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-58_20161109

Lab Sample ID: 580-64072-49

Date Collected: 11/09/16 15:00

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	NWTPH-Dx		1	232721	11/18/16 02:48	KZ1	TAL SEA

Client Sample ID: MW-59_20161109

Lab Sample ID: 580-64072-50

Date Collected: 11/09/16 14:40

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	232622	11/17/16 17:20	TL1	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	232607	11/17/16 00:44	JW1L	TAL SEA
Total/NA	Prep	3510C			232591	11/16/16 14:47	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	232721	11/18/16 12:05	KZ1	TAL SEA

Client Sample ID: MW-60_20161109

Lab Sample ID: 580-64072-51

Date Collected: 11/09/16 14:20

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	232622	11/17/16 17:47	TL1	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	232631	11/17/16 15:18	TL1	TAL SEA
Total/NA	Prep	3510C			233072	11/22/16 13:43	DSO	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	233165	11/23/16 19:24	CJ	TAL SEA

Client Sample ID: MW-61_20161110

Lab Sample ID: 580-64072-52

Date Collected: 11/10/16 11:35

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	232622	11/17/16 18:13	TL1	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	232631	11/17/16 12:38	TL1	TAL SEA
Total/NA	Prep	3510C			232743	11/18/16 09:50	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	232760	11/18/16 20:30	TL1	TAL SEA

Client Sample ID: MW-62_20161110

Lab Sample ID: 580-64072-53

Date Collected: 11/10/16 11:20

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	232622	11/17/16 18:39	TL1	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	232607	11/17/16 02:17	JW1L	TAL SEA
Total/NA	Prep	3510C			232743	11/18/16 09:50	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	232760	11/18/16 20:50	TL1	TAL SEA

TestAmerica Seattle

Lab Chronicle

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-63_20161110

Lab Sample ID: 580-64072-54

Date Collected: 11/10/16 10:25

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	232622	11/17/16 19:05	TL1	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	232607	11/17/16 02:48	JW1L	TAL SEA
Total/NA	Prep	3510C			232743	11/18/16 09:50	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	232760	11/18/16 21:10	TL1	TAL SEA

Client Sample ID: MW-64_20161109

Lab Sample ID: 580-64072-55

Date Collected: 11/09/16 11:40

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	232622	11/17/16 19:31	TL1	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	232607	11/17/16 03:19	JW1L	TAL SEA
Total/NA	Prep	3510C			233072	11/22/16 13:43	DSO	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	233165	11/23/16 19:46	CJ	TAL SEA

Client Sample ID: Dup-5_20161109

Lab Sample ID: 580-64072-56

Date Collected: 11/09/16 04:35

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	232622	11/17/16 19:58	TL1	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	232607	11/17/16 04:22	JW1L	TAL SEA
Total/NA	Prep	3510C			232743	11/18/16 09:50	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	232760	11/18/16 21:31	TL1	TAL SEA

Client Sample ID: Trip Blank-5_20161108

Lab Sample ID: 580-64072-57

Date Collected: 11/08/16 00:20

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	232725	11/18/16 05:43	D1R	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	232770	11/18/16 17:40	TL1	TAL SEA

Client Sample ID: MW-65_20161109

Lab Sample ID: 580-64072-58

Date Collected: 11/09/16 10:10

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	DL	20	232883	11/21/16 18:09	CJ	TAL SEA
Total/NA	Analysis	8260C	DL2	200	233016	11/22/16 16:36	TL1	TAL SEA
Total/NA	Analysis	8260C		1	232817	11/19/16 06:01	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	232741	11/19/16 00:30	W1T	TAL SEA

TestAmerica Seattle

Lab Chronicle

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			233072	11/22/16 13:43	DSO	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	233165	11/23/16 20:08	CJ	TAL SEA

Client Sample ID: MW-66_20161109

Lab Sample ID: 580-64072-59

Date Collected: 11/09/16 11:00

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C	DL	20	232883	11/21/16 18:38	CJ	TAL SEA
Total/NA	Analysis	8260C		1	232817	11/19/16 06:27	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	232607	11/17/16 04:53	JW1L	TAL SEA
Total/NA	Prep	3510C			232743	11/18/16 09:50	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	232760	11/18/16 22:11	TL1	TAL SEA

Client Sample ID: MW-67_20161110

Lab Sample ID: 580-64072-60

Date Collected: 11/10/16 09:25

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	232622	11/17/16 20:24	TL1	TAL SEA
Total/NA	Analysis	8260C	DL	10	232753	11/18/16 17:12	JW1L	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	232607	11/17/16 05:24	JW1L	TAL SEA
Total/NA	Prep	3510C			233072	11/22/16 13:43	DSO	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	233165	11/23/16 20:30	CJ	TAL SEA

Client Sample ID: MW-68_20161110

Lab Sample ID: 580-64072-61

Date Collected: 11/10/16 10:00

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	232669	11/18/16 00:47	CJ	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	232631	11/17/16 14:14	TL1	TAL SEA
Total/NA	Prep	3510C			232743	11/18/16 09:50	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	232760	11/18/16 22:31	TL1	TAL SEA

Client Sample ID: MW-69_20161110

Lab Sample ID: 580-64072-62

Date Collected: 11/10/16 11:00

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	232692	11/17/16 17:52	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	232607	11/17/16 06:26	JW1L	TAL SEA
Total/NA	Prep	3510C			233072	11/22/16 13:43	DSO	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	233165	11/23/16 20:52	CJ	TAL SEA

TestAmerica Seattle

Lab Chronicle

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Client Sample ID: MW-70_20161110

Lab Sample ID: 580-64072-63

Date Collected: 11/10/16 11:50

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	232692	11/17/16 18:20	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	232607	11/17/16 06:57	JW1L	TAL SEA
Total/NA	Prep	3510C			233072	11/22/16 13:43	DSO	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	233165	11/23/16 21:36	CJ	TAL SEA

Client Sample ID: MW-71_20161109

Lab Sample ID: 580-64072-64

Date Collected: 11/09/16 12:10

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	232692	11/17/16 18:49	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	232607	11/17/16 07:28	JW1L	TAL SEA
Total/NA	Prep	3510C			233072	11/22/16 13:43	DSO	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	233165	11/23/16 21:58	CJ	TAL SEA

Client Sample ID: AG WELL_20161110

Lab Sample ID: 580-64072-65

Date Collected: 11/10/16 11:00

Matrix: Water

Date Received: 11/11/16 11:35

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	232817	11/19/16 06:53	W1T	TAL SEA
Total/NA	Analysis	NWTPH-Gx		1	232914	11/21/16 13:46	W1T	TAL SEA
Total/NA	Prep	3510C			232743	11/18/16 09:50	JCV	TAL SEA
Total/NA	Analysis	NWTPH-Dx		1	232760	11/18/16 22:52	TL1	TAL SEA

Laboratory References:

TAL SEA = TestAmerica Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Certification Summary

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Laboratory: TestAmerica Seattle

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
Washington	State Program	10	C553	02-17-17

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
8260C		Water	Xylenes, Total

Sample Summary

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
580-64072-1	C_20161109	Water	11/09/16 10:30	11/11/16 11:35
580-64072-2	MW-1_20161108	Water	11/08/16 10:10	11/11/16 11:35
580-64072-3	MW-2_20161108	Water	11/08/16 09:45	11/11/16 11:35
580-64072-4	MW-12_20161109	Water	11/09/16 10:50	11/11/16 11:35
580-64072-5	MW-14_20161109	Water	11/09/16 11:10	11/11/16 11:35
580-64072-6	MW-17A_20161108	Water	11/08/16 16:00	11/11/16 11:35
580-64072-7	MW-18_20161108	Water	11/08/16 15:30	11/11/16 11:35
580-64072-8	MW-19_20161108	Water	11/09/16 10:25	11/11/16 11:35
580-64072-9	MW-20_20161108	Water	11/08/16 10:35	11/11/16 11:35
580-64072-10	Dup-1_20161109	Water	11/09/16 09:00	11/11/16 11:35
580-64072-11	Trip Blank-1_20161108	Water	11/08/16 00:01	11/11/16 11:35
580-64072-12	MW-21_20161108	Water	11/08/16 10:15	11/11/16 11:35
580-64072-13	MW-22_20161109	Water	11/09/16 15:40	11/11/16 11:35
580-64072-14	MW-23_20161109	Water	11/09/16 11:25	11/11/16 11:35
580-64072-15	MW-24_20161109	Water	11/09/16 08:50	11/11/16 11:35
580-64072-16	MW-25_20161108	Water	11/08/16 14:50	11/11/16 11:35
580-64072-17	MW-28_20161109	Water	11/09/16 08:45	11/11/16 11:35
580-64072-18	MW-29_20161109	Water	11/09/16 09:10	11/11/16 11:35
580-64072-19	MW-31_20161109	Water	11/09/16 09:30	11/11/16 11:35
580-64072-20	MW-32_20161108	Water	11/08/16 15:10	11/11/16 11:35
580-64072-21	Dup-2_20161109	Water	11/09/16 14:00	11/11/16 11:35
580-64072-22	Trip Blank-2_20161108	Water	11/08/16 00:05	11/11/16 11:35
580-64072-23	MW-35_20161109	Water	11/09/16 09:35	11/11/16 11:35
580-64072-24	MW-36_20161109	Water	11/09/16 10:00	11/11/16 11:35
580-64072-25	MW-37_20161108	Water	11/08/16 11:45	11/11/16 11:35
580-64072-26	MW-38_20161108	Water	11/08/16 15:10	11/11/16 11:35
580-64072-27	MW-39_20161108	Water	11/08/16 11:25	11/11/16 11:35
580-64072-28	MW-40_20161108	Water	11/08/16 10:30	11/11/16 11:35
580-64072-29	MW-41_20161109	Water	11/09/16 14:15	11/11/16 11:35
580-64072-30	MW-42_20161109	Water	11/09/16 14:35	11/11/16 11:35
580-64072-31	MW-43_20161109	Water	11/09/16 15:00	11/11/16 11:35
580-64072-33	MW-44_20161109	Water	11/09/16 15:20	11/11/16 11:35
580-64072-34	MW-45_20161108	Water	11/08/16 14:30	11/11/16 11:35
580-64072-35	MW-47_20161108	Water	11/08/16 11:40	11/11/16 11:35
580-64072-36	MW-48_20161108	Water	11/08/16 11:25	11/11/16 11:35
580-64072-37	MW-49_20161108	Water	11/08/16 11:00	11/11/16 11:35
580-64072-38	MW-50_20161108	Water	11/08/16 11:00	11/11/16 11:35
580-64072-39	MW-51_20161108	Water	11/08/16 14:50	11/11/16 11:35
580-64072-40	MW-52_20161108	Water	11/08/16 15:30	11/11/16 11:35
580-64072-41	MW-53_20161109	Water	11/09/16 09:50	11/11/16 11:35
580-64072-42	MW-54_20161108	Water	11/08/16 12:05	11/11/16 11:35
580-64072-43	Dup-4_20161109	Water	11/09/16 04:30	11/11/16 11:35
580-64072-44	Trip Blank-4_20161108	Water	11/08/16 00:15	11/11/16 11:35
580-64072-45	IW-1_20161109	Water	11/09/16 11:20	11/11/16 11:35
580-64072-46	MW-55_20161110	Water	11/10/16 09:05	11/11/16 11:35
580-64072-47	MW-56_20161110	Water	11/10/16 08:45	11/11/16 11:35
580-64072-48	MW-57_20161109	Water	11/09/16 15:25	11/11/16 11:35
580-64072-49	MW-58_20161109	Water	11/09/16 15:00	11/11/16 11:35
580-64072-50	MW-59_20161109	Water	11/09/16 14:40	11/11/16 11:35
580-64072-51	MW-60_20161109	Water	11/09/16 14:20	11/11/16 11:35
580-64072-52	MW-61_20161110	Water	11/10/16 11:35	11/11/16 11:35
580-64072-53	MW-62_20161110	Water	11/10/16 11:20	11/11/16 11:35
580-64072-54	MW-63_20161110	Water	11/10/16 10:25	11/11/16 11:35

TestAmerica Seattle

Sample Summary

Client: Antea USA, Inc.
Project/Site: OPLC - Allen Station

TestAmerica Job ID: 580-64072-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
580-64072-55	MW-64_20161109	Water	11/09/16 11:40	11/11/16 11:35
580-64072-56	Dup-5_20161109	Water	11/09/16 04:35	11/11/16 11:35
580-64072-57	Trip Blank-5_20161108	Water	11/08/16 00:20	11/11/16 11:35
580-64072-58	MW-65_20161109	Water	11/09/16 10:10	11/11/16 11:35
580-64072-59	MW-66_20161109	Water	11/09/16 11:00	11/11/16 11:35
580-64072-60	MW-67_20161110	Water	11/10/16 09:25	11/11/16 11:35
580-64072-61	MW-68_20161110	Water	11/10/16 10:00	11/11/16 11:35
580-64072-62	MW-69_20161110	Water	11/10/16 11:00	11/11/16 11:35
580-64072-63	MW-70_20161110	Water	11/10/16 11:50	11/11/16 11:35
580-64072-64	MW-71_20161109	Water	11/09/16 12:10	11/11/16 11:35
580-64072-65	AG WELL_20161110	Water	11/10/16 11:00	11/11/16 11:35

Laboratory Management Program LaMP Chain of Custody Record

BP/ARC Project Name: Olympic Pipe Line Company
BP/ARC Facility No: Allen Station

Req Due Date (mm/dd/yy): Standard Rush TAT: Yes No
Lab Work Order Number:

Lab Name:	Test America	BP/ARC Facility Address:	16292 Overnell Road	Consultant/Contractor:	Antea Group													
Lab Address:	Tacoma, WA	City, State, ZIP Code:	WA 98421	Consultant/Contractor Project No:	WAALLAA261.10123													
Lab PM:	Wendy Jonas	Lead Regulatory Agency:	WA Department of Ecology	Address:	4006 148th Avenue NE, Redmond, WA 98052													
Lab Phone:	253.922.2310	California Global ID No.:	NA	Consultant/Contractor PM:	Megan Richard													
Lab Shipping Acct:	NA	Enfos Proposal No:	WR309297-00BHX-0003	Phone:	P: 425.498.7711 F: 425.869.1892													
Lab Bottle Order No:	NA	Accounting Mode:	Provision <u>X</u> OOC-BU <u></u> OOC-RM <u></u>	Email EDD To:	Megan.Richard@anteagroup.com													
Other Info:		Stage:	APPRAISE (10) Activity: INTERIM MEASURES (123)	Invoice To:	BP/ARC <u>X</u> Contractor <u></u>													
BP/ARC EBM:		Matrix	No. Containers / Preservative	Requested Analyses	Report Type & QC Level													
EBM Phone:					Standard <u>Y</u>													
EBM Email:					Full Data Package <u></u>													
Lab No.	Sample Description	Date	Time	Soil / Solid	Water / Liquid	Air / Vapor	Total Number of Containers	Unpreserved	H ₂ SO ₄	HNO ₃	HCl	Methanol	NaOH zn Acetate	8260BTEX	NWTPH-Gx	NWTPH-DX	Comments	
	C_20161109	11/09/16	1030		X		8							X	X	X		
	MMW-1_20161108	11/08/16	1010		X		8							X	X	X		
	MMW-2_20161108	11/08/16	0945		X		8							X	X	X		
	MMW-9_201611	11/1/16			X									X	X	X		
	MMW-12_20161109	11/09/16	1050		X		8							X	X	X		
	MMW-14_20161109	11/09/16	1110		X		8							X	X	X		
	MMW-17A_20161108	11/08/16	1600		X		8							X	X	X		
	MMW-18_20161108	11/08/16	1530		X		7							X	X	X		
	MMW-19_20161109	11/09/16	1025		X		8							X	X	X		
	MMW-20_20161108	11/08/16	1035		X		8							X	X	X		
Relinquished By / Affiliation																		
Sample's Company:	Antea Group	Date	Time															
Shipment Method:	C	Ship Date:																
Shipment Tracking No:																		
Special Instructions:																		



580-64072 Chain of Custody



A BP affiliated company

Laboratory Management Program LaMP Chain of Custody Record

BP/ARC Project Name: Olympic Pipe Line Company Reg Due Date (mm/dd/yy): Standard Rush TAT: Yes No
 BP/ARC Facility No: Allen Station Lab Work Order Number:

Lab Name:	Test America	BP/ARC Facility Address:	16292 Overnell Road	Consultant/Contractor:	Antea Group
Lab Address:	Tacoma, WA	City, State, ZIP Code:	WA 98421	Consultant/Contractor Project No:	WMAALLAA261.10123
Lab PM:	Wendy Jones	Lead Regulatory Agency:	WA Department of Ecology	Address:	4006 148th Avenue NE, Redmond, WA 98052
Lab Phone:	253.922.2310	California Global ID No.:	NA	Consultant/Contractor PM:	Megan Richard
Lab Shipping Acct:	NA	Enfos Proposal No:	WR309297-00BHX-0003	Phone:	P: 425.498.7711 F: 425.869.1892
Lab Bottle Order No:	NA	Accounting Mode:	Provision <u> X </u> OOC-BU <u> </u> OOC-RM <u> </u>	Email EDD To:	Megan.Richard@anteagroup.com
Other Info:		Stage:	APPRAISE (110) Activity: INTERIM MEASURES (123)	Invoice To:	BP/ARC <u> X </u> Contractor <u> </u>
BP/ARC EBM:		Matrix		Requested Analyses	
EBM Phone:		No. Containers / Preservative		Report Type & QC Level	
EBM Email:				Standard <u> Y </u> Full Data Package <u> </u>	
Lab No.	Sample Description	Date	Time	Comments	
				Note: If sample not collected, indicate "No Sample" in comments and single-sink out and initial any preprinted sample description.	
Dup-1_20161109		11/09/16	0900		
Trip Blank-1_20161108		11/08/16	0000		
MW-21_20161108		11/08/16	1615		
MW-22_20161109		11/09/16	1540		
MW-23_20161109		11/09/16	1125		
MW-24_20161109		11/09/16	0850		
MW-25_20161108		11/08/16	1450		
MW-27_20161111		11/11/16			
MW-28_20161109		11/09/16	0845		
MW-29_20161109		11/09/16	0910		
Sampler's Name: <u>TAHARA ROBERTS</u>		Relinquished By / Affiliation		Date	
Sampler's Company: <u>Antea Group</u>		Date		Time	
Shipment Method: <u>C</u>		Ship Date:		Accepted By / Affiliation	
Shipment Tracking No:		Date		Time	
Special Instructions:		Date		Time	
THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / No		Temp Blank: Yes / No		Cooler Temp on Receipt: <u> </u> °F/C	
		Trip Blank: Yes / No		MS/MSD Sample Submitted: Yes / No	



Laboratory Management Program LaMP Chain of Custody Record

BP/ARC Project Name: Olympic Pipe Line Company Reg Due Date (mm/dd/yy): Standard Rush TAT: Yes No
BP/ARC Facility No: Allen Station Lab Work Order Number:

Lab Name:	Test America	BP/ARC Facility Address:	16292 Overnell Road	Consultant/Contractor:	Antea Group														
Lab Address:	Tacoma, WA	City, State, ZIP Code:	WA 98421	Consultant/Contractor Project No:	WAALLAA261.10123														
Lab PM:	Wendy Jonas	Lead Regulatory Agency:	WA Department of Ecology	Address:	4006 148th Avenue NE, Redmond, WA 98052														
Lab Phone:	253.922.2310	California Global ID No.:	NA	Consultant/Contractor PM:	Megan Richard														
Lab Shipping Acct:	NA	Entos Proposal No:	WR309297-00BHX-0003	Phone:	P. 425.498.7711 F. 425.869.1892														
Lab Bottle Order No:	NA	Accounting Mode:	Provision <u> </u> X OOC-BU <u> </u> OOC-RM <u> </u>	Email EDD To:	Megan.Richard@anteagroup.com														
Other Info:		Stage:	APPRAISE (10) Activity: INTERIM MEASURES (123)	Invoice To:	BP/ARC <u> </u> X Contractor <u> </u>														
BP/ARC EBM:		Matrix	No. Containers / Preservative	Requested Analyses	Report Type & QC Level														
EBM Phone:					Standard <u> </u> Y <u> </u>														
EBM Email:					Full Data Package <u> </u>														
Lab No.	Sample Description	Date	Time	Soil / Solid	Water / Liquid	Air / Vapor	Total Number of Containers	Unpreserved	H ₂ SO ₄	HNO ₃	HCl	Methanol	NaOH zn Acetate	8260BTEX	NWTPH-Gx	NWTPH-DX	Comments		
	MMW-31_20161109	11/09/16	0930		X		8							X	X	X			
	MMW-32_20161108	11/08/16	1510		X		8							X	X	X			
	Dup-2_20161109	11/09/16	1400		X		8							X	X	X			
	Trip Blank-2_20161108	11/08/16	0005		X		6							X	X				
	MMW-34_20161111	11/11/16			X									X	X	X			ES
	MMW-35_20161109	11/09/16	0935		X		8							X	X	X			
	MMW-36_20161109	11/09/16	1000		X		8							X	X	X			ms/msd included
	MMW-37_20161108	11/08/16	1145		X		8							X	X	X			
	MMW-38_20161108	11/08/16	1510		X		8							X	X	X			
	MMW-39_20161108	11/08/16	1125		X		8							X	X	X			
Sampler's Name:	THUC BARRAS	Relinquished By / Affiliation		Date	Time	Accepted By / Affiliation		Date	Time										
Sampler's Company:	Antea Group																		
Shipment Method:	C	Ship Date:																	
Shipment Tracking No:																			
Special Instructions:																			
THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / No Temp Blank: Yes / No Cooler Temp on Receipt: <u> </u> °F/C Trip Blank: Yes / No MS/MSD Sample Submitted: Yes / No																			

Laboratory Management Program LaMP Chain of Custody Record

BP/ARC Project Name: Olympic Pipe Line Company Reg Due Date (mm/dd/yy): Standard Rush TAT: Yes ☐ No ☐
 BP/ARC Facility No.: Allen Station Lab Work Order Number:

Lab Name:	Test America	BP/ARC Facility Address:	16292 Overell Road	Consultant/Contractor:	Antea Group													
Lab Address:	Tacoma, WA	City, State, ZIP Code:	WA 98421	Consultant/Contractor Project No.:	WAALLAA261.10123													
Lab PM:	Wendy Jones	Lead Regulatory Agency:	WA Department of Ecology	Address:	4006 148th Avenue NE, Redmond, WA 98052													
Lab Phone:	253.922.2310	California Global ID No.:	NA	Consultant/Contractor PM:	Megan Richard													
Lab Shipping Acct:	NA	Entos Proposal No.:	WFS309297-00BHX-0003	Phone:	P: 425.498.7711 F: 425.869.1892													
Lab Bottle Order No.:	NA	Accounting Mode:	Provision ☒ OOC-BU ☐ OOC-RM ☐	Email EDD To:	Megan.Richard@anteagroup.com													
Other Info:		Stage:	APPRAISE (10) Activity: INTERIM MEASURES (123)	Invoice To:	BP/ARC ☒ Contractor ☐													
BP/ARC EBM:		Matrix	No. Containers / Preservative	Requested Analyses	Report Type & QC Level													
EBM Phone:					Standard ☒ Full Data Package ☐													
EBM Email:																		
Lab No.	Sample Description	Date	Time	Soil / Solid	Water / Liquid	Air / Vapor	Total Number of Containers	Unpreserved	H ₂ SO ₄	HNO ₃	HCl	Methanol	NaOH zn Acetate	8260BTEX	NWTPH-Gx	NWTPH-DX	Comments	
	MW-40_20161108	11/08/16	1030		X		8				8			X	X	X		
	MW-41_20161109	11/09/16	1415		X		8				8			X	X	X		
	MW-42_20161109	11/09/16	1435		X		24				24			X	X	X		
	MW-43_20161109	11/09/16	1500		X		8				8			X	X	X		
	~~BWP-9-201611~~	~~11/11/16~~			X									X	X	X		
	Trip Blank-3_20161108	11/08/16	0010		X		6				6			X	X			
	MW-44_20161109	11/09/16	1520		X		8				8			X	X	X		
	MW-45_20161108	11/08/16	1430		X		8				8			X	X	X		
	MW-47_20161108	11/08/16	1140		X		8				8			X	X	X		
	MW-48_20161108	11/08/16	1125		X		8				8			X	X	X		
Sampler's Name:		Taylor Roberts		Relinquished By / Affiliation		Date		Time		Accepted By / Affiliation		Date		Time				
Sampler's Company:		Antea Group		Date		Time		Accepted By / Affiliation		Date		Time		Time				
Shipment Method:		C		Ship Date:		11/11/16		1135		TH 5/5H		11/11/16		1135				
Shipment Tracking No.:																		
Special Instructions:																		
THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / No Temp Blank: Yes / No Cooler Temp on Receipt: °F/C Trip Blank: Yes / No MS/MSD Sample Submitted: Yes / No																		

Laboratory Management Program LaMP Chain of Custody Record

BP/ARC Project Name: Olympic Pipe Line Company Reg Due Date (mm/dd/yy): Standard Rush TAT: Yes ☐ No ☐
 BP/ARC Facility No: Allen Station Lab Work Order Number:

Lab Name:	Test America	BP/ARC Facility Address:	16292 Overell Road	Consultant/Contractor:	Antea Group													
Lab Address:	Tacoma, WA	City, State, ZIP Code:	WA 98421	Consultant/Contractor Project No:	WAALLAA261.10123													
Lab PM:	Wendy Jonas	Lead Regulatory Agency:	WA Department of Ecology	Address:	4006 148th Avenue NE, Redmond, WA 98052													
Lab Phone:	253.922.2310	California Global ID No.:	NA	Consultant/Contractor PM:	Megan Richard													
Lab Shipping Acct:	NA	Enfos Proposal No:	WR309297-00BHX-0003	Phone:	P: 425.498.7711 F: 425.869.1892													
Lab Bottle Order No:	NA	Accounting Mode:	Provision ☒ OOC-BU ☐ OOC-RM ☐	Email EDD To:	Megan.Richard@anteagroup.com													
Other Info:		Stage:	APPRAISE (10)	Activity:	INTERIM MEASURES (123)													
BP/ARC EBM:		Matrix:	No. Containers / Preservative	Requested Analyses	Report Type & QC Level													
EBM Phone:					Standard ☐ Full Data Package ☐													
EBM Email:																		
Lab No.	Sample Description	Date	Time	Soil / Solid	Water / Liquid	Air / Vapor	Total Number of Containers	Unpreserved	H ₂ SO ₄	HNO ₃	HCl	Methanol	NaOH zn Acetate	8260BTEX	NWTPH-Gx	NWTPH-DX	Comments	
	MMW-49_20161108	11/08/16	1100	X			8							X	X	X		
	MMW-50_20161108	11/08/16	1100	X			8							X	X	X		
	MMW-51_20161108	11/08/16	1450	X			8							X	X	X		
	MMW-52_20161108	11/08/16	1530	X			8							X	X	X		
	MMW-53_20161109	11/09/16	0750	X			8							X	X	X		
	MMW-54_20161108	11/08/16	1205	X			8							X	X	X		
	DUP-4_20161109	11/09/16	0430	X			8							X	X	X		
	Tipblank-4_20161108	11/08/16	0015	X			6							X	X	X		
	W-1_20161109	11/09/16	1120	X			8							X	X			
	MMW-55_20161110	11/10/16	0905	X			8							X	X	X		
Sampler's Name: <u>TRINA ROBERTS</u>		Relinquished By / Affiliation		Date		Time		Accepted By / Affiliation		Date		Time						
Sampler's Company: <u>Antea Group</u>		<u>WAX CARRIES / NO TEA</u>		<u>11/16/16</u>		<u>1135</u>		<u>TASER</u>		<u>11/16</u>		<u>1135</u>						
Shipment Method: <u>C</u>		Ship Date:																
Shipment Tracking No:																		
Special Instructions:																		
THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / No Temp Blank: Yes / No Cooler Temp on Receipt: <u></u> °F/C Trip Blank: Yes / No MS/MSD Sample Submitted: Yes / No																		



Laboratory Management Program LaMP Chain of Custody Record

BP/ARC Project Name: Olympic Pipe Line Company Req Due Date (mm/dd/yy): Standard Rush TAT: Yes No
 BP/ARC Facility No: Allen Station Lab Work Order Number:

Lab Name:	Test America	BP/ARC Facility Address:	16292 Overnell Road	Consultant/Contractor:	Antea Group													
Lab Address:	Tacoma, WA	City, State, ZIP Code:	Mt. Vernon WA 98421	Consultant/Contractor Project No:	WAALLAA261.10123													
Lab PM:	Wendy Jonas	Lead Regulatory Agency:	WA Department of Ecology	Address:	4006 148th Avenue NE, Redmond, WA 98052													
Lab Phone:	253.922.2310	California Global ID No.:	NA	Consultant/Contractor PM:	Megan Richard													
Lab Shipping Acct:	NA	Enfos Proposal No:	WR309297-00BHX-0003	Phone:	P: 425.498.7711 F: 425.869.1892													
Lab Bottle Order No:	NA	Accounting Mode:	Provision <u>X</u> OOC-BU <u> </u> OOC-RM <u> </u>	Email EDD To:	Megan.Richard@anteagroup.com													
Other Info:		Stage:	APPRAISE (10) Activity: INTERIM MEASURES (123)	Invoice To:	BP/ARC <u>X</u> Contractor <u> </u>													
BP/ARC EBM:		Matrix	No. Containers / Preservative	Requested Analyses	Report Type & QC Level													
EBM Phone:					Standard <u> </u> Y <u> </u>													
EBM Email:					Full Data Package <u> </u>													
Lab No.	Sample Description	Date	Time	Soil / Solid	Water / Liquid	Air / Vapor	Total Number of Containers	Unpreserved	H ₂ SO ₄	HNO ₃	HCl	Methanol	NaOH zn Acetate	8260BTEX	NWTPH-Gx	NWTPH-DX	Comments	
	MMW-56_20161110	11/10/16	0845		X		8							X	X	X		MS/MSD included
	MMW-57_20161109	11/09/16	1525		X		24							X	X	X		MS/MSD included
	MMW-58_20161109	11/09/16	1500		X		24							X	X	X		MS/MSD included
	MMW-59_20161109	11/09/16	1440		X		8							X	X	X		
	MMW-60_20161109	11/09/16	1420		X		8							X	X	X		
	MMW-61_20161110	11/10/16	1135		X		8							X	X	X		
	MMW-62_20161110	11/10/16	1120		X		8							X	X	X		
	MMW-63_20161110	11/10/16	1025		X		8							X	X	X		
	MMW-64_20161109	11/09/16	1140		X		8							X	X	X		
	DUP-5_20161109	11/09/16	0435		X		8							X	X	X		
Sampler's Name:	Thylor Roberts	Relinquished By / Affiliation		Date	Time	Accepted By / Affiliation		Date	Time									
Sampler's Company:	Antea Group																	
Shipment Method:	C	Ship Date:																
Shipment Tracking No:																		
Special Instructions:																		
THIS LINE - LAB USE ONLY: Custody Seals in Place: Yes / No Temp Blank: Yes / No Cooler Temp on Receipt: °F/C Trip Blank: Yes / No MS/MSD Sample Submitted: Yes / No																		

TB AZ Cooler Cor 1.5[°] Unc 1.7[°]
Cooler Dsc Lg Blue/wh @ Lab 1420
Wet/Packs Packing Bubble
w/o

TB AZ Cooler Cor 0.3[°] Unc 0.5[°]
Cooler Dsc Lg Blue/wh @ Lab 1420
Wet/Packs Packing Bubble
w/o

TB AZ Cooler Cor 0.5[°] Unc 0.7[°]
Cooler Dsc Lg Blue/wh @ Lab 1420
Wet/Packs Packing Bubble
w/o

TB AZ Cooler Cor 0.4[°] Unc 0.6[°]
Cooler Dsc Lg Blue/wh @ Lab 1420
Wet/Packs Packing Bubble
w/o

TB AZ Cooler Cor 0.9[°] Unc 1.1[°]
Cooler Dsc Lg Blue/wh @ Lab 1420
Wet/Packs Packing Bubble
w/o

TB AZ Cooler Cor 0.6[°] Unc 0.8[°]
Cooler Dsc Lg Blue/wh @ Lab 1420
Wet/Packs Packing Bubble
w/o



Laboratory Management Program LaMP Chain of Custody Record

Loc: 580
64072

Page 5 of 2

BP/ARC Project Name: Olympic Pipe Line Company

Req Due Date (mm/dd/yy): Standard Rush TAT: Yes No

BP/ARC Facility No: Allen Station

Lab Work Order Number:

Lab Name: Test America				BP/ARC Facility Address: 16292 Ovenell Road				Consultant/Contractor: Antea Group																					
Lab Address: Tacoma, WA				City, State, ZIP Code: Mt. Vernon WA 98421				Consultant/Contractor Project No: WAALLA A261-10123																					
Lab PM: Wendy Jonas				Lead Regulatory Agency: WA Department of Ecology				Address: 4006 148th Avenue NE, Redmond, WA 98052																					
Lab Phone: 253.922.2310				California Global ID No.: NA				Consultant/Contractor PM: Megan Richard																					
Lab Shipping Acct: NA				Enfos Proposal No: WR207730/0006sm-0010 WR3 09297/0004HY 0263				Phone: P: 425.498.7711 F: 425.869.1892																					
Lab Bottle Order No: NA				Accounting Mode: Provision X OOC-BU OOC-RM				Email EDD To: Megan.Richard@anteagroup.com																					
Other Info:				Stage: Appraise (10) Activity: Interim Measures (123)				Invoice To: BP/ARC X Contractor																					
BP/ARC EBM: Paul Supple				Matrix				No. Containers / Preservative				Requested Analyses				Report Type & QC Level													
EBM Phone: 925-275-3801																Standard Y													
EBM Email: paul.supple@bp.com																Full Data Package													
Lab No.	Sample Description	Date	Time	Soil / Solid	Water / Liquid	Air / Vapor	Total Number of Containers	Unpreserved	H ₂ SO ₄	HNO ₃	HCl	Methanol	NaOH zn Acetate	8260BTEX	NWTPH-Gx	NWTPH-DX	Comments												
	C-20161109	11/9/16	1030	X							2					X		Note: If sample not collected, indicate "No Sample" in comments and single-strike out											
	MW-12-20161109	11/9/16	1050	X							2					X													
	MW-14-20161109	11/9/16	1110	X							2					X													
	MW-19-20161109	11/9/16	1025	X							2					X													
	MW-24-20161109	11/9/16	0850	X							2					X													
	MW-28-20161109	11/9/16	0845	X							2					X													
	MW-29-20161109	11/9/16	0910	X							2					X													
	MW-31-20161109	11/9/16	0930	X							2					X													
	MW-36-20161109	11/9/16	1000	X							6					X													
	MW-53-20161109	11/9/16	0950	X							2					X													
Sampler's Name:				Relinquished By / Affiliation				Date				Time				Accepted By / Affiliation				Date				Time					
Sampler's Company: Antea Group				MR / Antea Group				11-16-16				1120				Z Z TA SEA				11/16/16				1120					
Shipment Method: Lab p/u				Ship Date: 11-16-16																									
Shipment Tracking No:																													
Special Instructions: Bottles from Allen Station previously missing																													
THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / No										Temp Blank: Yes / No					Cooler Temp on Receipt: °F/C					Trip Blank: Yes / No					MS/MSD Sample Submitted: Yes / No				



580-64072 Chain of Custody

TB A2 Cooler Cor 1.0 Unc 1.2
Cooler Desc Lg Blue/White @ Lab 11/20
Wet/Packs Packing Bubble
v/o

MS-MSD

Laboratory Management Program LaMP Chain of Custody Record

BP/ARC Project Name: Olympic Pipe Line Company

Req Due Date (mm/dd/yy): Standard Rush TAT: Yes No

BP/ARC Facility No: Allen Station

Lab Work Order Number:

Lab Name: Test America				BP/ARC Facility Address: 16292 Ovenell Road				Consultant/Contractor: Antea Group													
Lab Address: Tacoma, WA				City, State, ZIP Code: Mt. Vernon WA 98421				Consultant/Contractor Project No: WAALLA A261-10123													
Lab PM: Wendy Jones				Lead Regulatory Agency: WA Department of Ecology				Address: 4006 148th Avenue NE, Redmond, WA 98052													
Lab Phone: 253.922.2310				California Global ID No.: NA				Consultant/Contractor PM: Megan Richard													
Lab Shipping Acct: NA				Enfos Proposal No: WR309297 / OOBHX-0003				Phone: P: 425.498.7711 F: 425.869.1892													
Lab Bottle Order No: NA				Accounting Mode: Provision X OOC-BU OOC-RM				Email EDD To: Megan.Richard@anteagroup.com													
Other Info:				Stage: Appraise (10) Activity: Interim Measures (123)				Invoice To: BP/ARC X Contractor													
BP/ARC EBM: Paul Supple				Matrix				No. Containers / Preservative				Requested Analyses				Report Type & QC Level					
EBM Phone: 925-275-3801																Standard Y					
EBM Email: paul.supple@bp.com																Full Data Package					
Lab No.	Sample Description	Date	Time	Soil / Solid	Water / Liquid	Air / Vapor	Total Number of Containers	Unpreserved	H ₂ SO ₄	HNO ₃	HCl	Methanol	NaOH zn Acetate	8260BTEX	NWTPH-Gx	NWTPH-DX	Comments				
	1W-1-20161109	11/9/16	1120	X							2					X					
	MW-65-20161109	11/9/16	1010	X							2					X					
	AG Well-20161110	11/10/16	1100	X							2					X					
	Dwp-1-20161109	11/9/16	0900	X							2					X					
Sampler's Name:				Relinquished By / Affiliation				Date		Time		Accepted By / Affiliation				Date		Time			
Sampler's Company: Antea Group				MK - Antea Group				11-16-16		1120		Francisco Lang Jr TH5FA				11/16/16		1120			
Shipment Method: Lab p/u Ship Date: 11-16-16																					
Shipment Tracking No:																					
Special Instructions: Previously missing bottleware																					
THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / No				Temp Blank: Yes / No				Cooler Temp on Receipt: °F/C				Trip Blank: Yes / No				MS/MSD Sample Submitted: Yes / No					



Laboratory Management Program LaMP Chain of Custody Record

Loc: 580
64072

Page 1 of 7

BP/ARC Project Name: Olympic Pipe Line Company

Req Due Date (mm/dd/yy): Standard Rush TAT: Yes ☐ No ☐

BP/ARC Facility No: Allen Station

Lab Work Order Number: _____

Lab Name: <u>Test America</u>				BP/ARC Facility Address: <u>16292 Ovenell Road</u>				Consultant/Contractor: <u>Antea Group</u>													
Lab Address: <u>Tacoma, WA</u>				City, State, ZIP Code: <u>Mt. Vernon WA 98421</u>				Consultant/Contractor Project No: <u>WAALLAA261.10123</u>													
Lab PM: <u>Wendy Jonas</u>				Lead Regulatory Agency: <u>WA Department of Ecology</u>				Address: <u>4006 148th Avenue NE, Redmond, WA 98052</u>													
Lab Phone: <u>253.922.2310</u>				California Global ID No.: <u>NA</u>				Consultant/Contractor PM: <u>Megan Richard</u>													
Lab Shipping Acct: <u>NA</u>				Enfos Proposal No: <u>WR309297 / 00BHW-0003</u>				Phone: <u>P: 425.498.7711 F: 425.869.1892</u>													
Lab Bottle Order No: <u>NA</u>				Accounting Mode: Provision <u>X</u> OOC-BU ☐ OOC-RM ☐				Email EDD To: <u>Megan.Richard@anteagroup.com</u>													
Other Info:				Stage: <u>Appraise (10)</u> Activity: <u>Interim Measures (123)</u>				Invoice To: <u>BP/ARC X</u> Contractor <u>_____</u>													
BP/ARC EBM: <u>Paul Supple</u>				Matrix				No. Containers / Preservative				Requested Analyses				Report Type & QC Level					
EBM Phone: <u>925-275-3801</u>																Standard <u>Y</u>					
EBM Email: <u>paul.supple@bp.com</u>																Full Data Package ☐					
Lab No.	Sample Description	Date	Time	Soil / Solid	Water / Liquid	Air / Vapor	Total Number of Containers	Unpreserved	H ₂ SO ₄	HNO ₃	HCl	Methanol	NaOH zn Acetate	8260BTEX	NWTPH-Gx	NWTPH-DX	Comments				
	<u>C-20161109</u>	<u>11/9/16</u>	<u>1030</u>	<u>X</u>			<u>6</u>				<u>6</u>			<u>X</u>	<u>X</u>			 580-64072 Chain of Custody			
	<u>MW-12-20161109</u>	<u>11/9/16</u>	<u>1050</u>	<u>X</u>			<u>6</u>				<u>6</u>			<u>X</u>	<u>X</u>						
	<u>MW-14-20161109</u>	<u>11/9/16</u>	<u>1110</u>	<u>X</u>			<u>6</u>				<u>6</u>			<u>X</u>	<u>X</u>						
	<u>MW-19-20161109</u>	<u>11/9/16</u>	<u>1025</u>	<u>X</u>			<u>6</u>				<u>6</u>			<u>X</u>	<u>X</u>						
	<u>Dup-1-20161109</u>	<u>11/9/16</u>	<u>0900</u>	<u>X</u>			<u>6</u>				<u>6</u>			<u>X</u>	<u>X</u>						
	<u>MW-24-20161109</u>	<u>11/9/16</u>	<u>0850</u>	<u>X</u>			<u>6</u>				<u>6</u>			<u>X</u>	<u>X</u>						
	<u>MW-28-20161109</u>	<u>11/9/16</u>	<u>0845</u>	<u>X</u>			<u>6</u>				<u>6</u>			<u>X</u>	<u>X</u>						
	<u>MW-29-20161109</u>	<u>11/9/16</u>	<u>0910</u>	<u>X</u>			<u>6</u>				<u>6</u>			<u>X</u>	<u>X</u>						
	<u>MW-31-20161109</u>	<u>11/9/16</u>	<u>0930</u>	<u>X</u>			<u>6</u>				<u>6</u>			<u>X</u>	<u>X</u>						
	<u>MW-35-20161109</u>	<u>11/9/16</u>	<u>0935</u>	<u>X</u>			<u>6</u>				<u>6</u>			<u>X</u>	<u>X</u>			TBAZ Cooler <u>Corl. 7</u> Uncl. <u>9</u> Cooler Dscly <u>B/W</u> @Lab Vet/Packs Packing <u>Bubble</u> <u>Courier</u> <u>WFO</u>			
Sampler's Name: <u>Eric Sanchez</u>				Relinquished By / Affiliation				Date		Time		Accepted By / Affiliation				Date				Time	
Sampler's Company: <u>Antea Group</u>				<u>WRK / Antea Group</u>				<u>11-17-16</u>		<u>13:10</u>		<u>ZB</u> <u>THSEH</u>				<u>11/17/16</u>				<u>1310</u>	
Shipment Method: <u>Courier Pickup</u> Ship Date: <u>11/17/16</u>																					
Shipment Tracking No:																					
Special Instructions:																					
THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / No Temp Blank: Yes / No Cooler Temp on Receipt: _____ °F/C Trip Blank: Yes / No MS/MSD Sample Submitted: Yes / No																					

Login Sample Receipt Checklist

Client: Antea USA, Inc.

Job Number: 580-64072-1

Login Number: 64072

List Source: TestAmerica Seattle

List Number: 1

Creator: Gall, Brandon A

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	Not present
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	False	Headspace larger than 1/4" in all 6 HCL VOA Vials for sample #57
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	