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PHASE II ENVIRONMENTAL SITE INVESTIGATION REPORT

Performed at:

COGIC Property 9201 Pacific Avenue, SouthTacoma, Washington 98444

Prepared for:

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Andersen Environmental Project No. 1412-2091

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1.0 INTRODUCTION

Andersen Environmental has conducted a Phase II Environmental Site Investigation at 9201 Pacific Avenue South in Tacoma, Washington (the Site or the "subject property"; Figures 1, 2 and 3). The Site investigation activities detailed herein were conducted in accordance with the following guidance documents:

- Model Toxics Control Act Cleanup Regulation, Chapter 173-340 WAC (October 2007 update);
- Model Toxics Control Act, Chapter 70.105D RCW (Publication 9406; revised 2013); and
- Uniform Environmental Covenants Act, Chapter 64.70 RCW (November 2007).

Previous investigations conducted at the Site by The Riley Group (January 2005), Environmental Associates, Inc., (April 2013), and Andersen Environmental (September 2014) indicated that a hazardous chemical release originating from previous Site activities has occurred. Previous Site uses have included commercial dry-cleaning operations. The contamination from the dry-cleaning operations was identified as several chlorinated volatile organic compounds (CVOCs) at concentrations slightly above the MTCA Method A cleanup levels for both soil and groundwater.

Analytical results presented in the Environmental Associates April 2014 report demonstrated that the contamination had not been fully characterized. The results were insufficient to determine if the CVOCs released at the Site had impacted soil and/or groundwater to the extent that a risk to human health and/or the environment was present.

As a result, in September 2014, Andersen Environmental proposed a Phase II Environmental Site Assessment (ESA) by soil and groundwater sampling to further evaluate the presence of CVOCs in soil and groundwater at the Site.

This report details activities and results of the soil and groundwater sampling, and groundwater monitoring well installation.

1.1 OBJECTIVES

The primary objectives of the soil and groundwater sampling, and groundwater monitoring well installation were to further characterize CVOCs in soil and groundwater at the Site, specifically:

- 1. Provide a current assessment of areas of concern (AOCs);
- 2. Evaluate for the presence of CVOCs in soil;
- 3. Evaluate for the presence of CVOCs in groundwater and general groundwater conditions; and
- 4. Install and develop groundwater monitoring wells to initiate a groundwater monitoring program.

2.0 SITE INFORMATION

This section provides pertinent Site information, including location, description and geologic and hydrogeologic setting.

2.1 SITE LOCATION AND DESCRIPTION

According to the Pierce County Assessor's Office, the Site is located in the City of Tacoma, and is described by the Assessor's Parcel Number: 0320333304; Township 20N, Range 03 East, Section 33.



The Site address is listed as 9201 Pacific Avenue, Tacoma Washington (Figure 1). It is located on the east side of Pacific Avenue and the west side of "A" Street, approximately 600 feet north of 96th Street, and encompassing approximately three city blocks within the City of Tacoma. The Site is listed as approximately 386,100 square feet (8.86 acres) in size and is developed with a large one story building reported as approximately 61,230 square feet in size (Figure 2).

The Site is unoccupied and has been vacant for over one year. The building is roughly separated into three major units, 9201A (north end), 9201B (middle) and 9201C (south end). The middle unit is further divided into two sections, and the north end divided into one main section and several smaller sections with distinct entrances for each. Originally built as a strip shopping mall, the building was most recently used as a church and its associated activity center. These operations continued into 2013 when the property transferred into receivership.

The remaining portion of the Site consists of a fenced-in playground attached to the north end of the building, large surrounding parking areas, a designated wetlands located in the northeast corner, an overgrown storm-water detention area located in the southeast corner and various landscaped areas located along the perimeters. The eastern half of the subject property is presently enclosed with a chain-link fence. The surrounding area is mostly used for residential and light commercial purposes. Groundwater is estimated to vary between 9 and 14 feet below ground surface in the area of the Site.

Previous investigations indicate the northeast portion of the property building was historically developed for commercial dry-cleaning operations. These business operations included the Pacific Launder Center, operating onsite from approximately 1969 to 1979, and the Tacoma Dry-Cleaning and Laundry Center operating onsite from approximately 1979 to 1984. It is not known which of these operations may have contributed to the CVOC release or releases; however due to industry standard practices used during this period, the potential for either or both of these operations to have released dry-cleaning chemicals to the environment exists. The Site is listed on Ecology's Confirmed and Suspected Contaminated Sites List (CSCSL) in 2013.

2.2 GEOLOGIC AND HYDROGEOLOGIC SETTING

The elevation of the Site is approximately 385 feet above sea level (USGS Tacoma South 7.5 minute topographic quadrangle). The underlying soils in the vicinity of the Site are classified as Quaternary Vashon Till (Qdvt) consisting of grey, unsorted, un-stratified, highly compact mixture of clay, silt, sand, gravel and with possible erratics (large boulders) directly deposited by recessional glaciers (Geological Map of the South Half of the Tacoma Quadrangle, 1987). Soils overlaying un-weathered till consist of outwash gravel, sand and surficial loam.

These lithologic classifications are consistent with Site conditions identified by Andersen Environmental during field investigation activities where un-weathered till was encountered to maximum depths of 25 feet below ground surface (bgs).

Recent field investigations performed by Andersen Environmental indicate groundwater depth beneath the Site varies from approximately 9 to 14 feet bgs with general gradient direction to the north.

3.0 PREVIOUS INVESTIGATIONS

This section provides a summary of former known investigations at the Site. Soil and groundwater analytical results from former investigations by Environmental Associates, Inc., (2013) and by Andersen Environmental (2014 and 2015) are compiled and incorporated into Tables 1 and 2.



3.1 Phase I Environmental Site Assessment, The Riley Group, January, 2005

A Phase I Environmental Site Assessment (ESA) was conducted by The Riley Group, Bothell Washington (report dated January 28, 2005). The report indicated that dry-cleaning operations occupied the Site from roughly 1974 into the 1980s. It further recommended that a Phase II subsurface investigation be performed at the Site to determine if soil or groundwater had been adversely affected by VOCs originating from the historical dry-cleaning operations.

3.2 LIMITED SOIL AND GROUNDWATER SAMPLING AND TESTING, ENVIRONMENTAL ASSOCIATES, INC., APRIL, 2013

Environmental Associates, Inc., of Bellevue, Washington conducted limited soil and groundwater sampling and testing, (report dated April 26, 2013) to initially evaluate subsurface conditions at the Site associated with former dry-cleaning operations.

Six soil borings were advanced to a maximum exploration depth of 16 feet bgs. Borings B1, B2, B3 and B5 were advanced through the slab foundation within the onsite building, presumably in the area of the historic dry-cleaning operations. Borings B4 and B6 were advanced though the asphalt parking lot. Soil and groundwater samples were taken in each of the borings and submitted q laboratory analysis fqt VOCs by EPA Method 8360C/5030C, Stoddard Solvents by NW-TPH-Gx and RCRA-8 Metals by EPA Method 6020.

Laboratory results indicated the following:

- Several VOCs were detected in soil on the Site. Perchloroethene (PCE) and trichloroethene (TCE) were detected in soils above the MTCA Method A cleanup levels beneath the slab foundation in borings B1 and B3 at a maximum depth of 4 feet bgs. Cis-1,2-Dichloroethene (DCE) was detected below the MTCA Method A cleanup level in soils beneath the slab foundation in borings B1, B2 and B3 at a maximum depth of 4 feet bgs. Vinyl Chloride (VC) was not detected in any onsite soil samples;
- PCE was detected in groundwater above the MTCA Method A cleanup level in borings B2, B3 and B4. TCE was detected in groundwater above the MTCA Method A cleanup level in boring B3. PCE was detected in groundwater below the cleanup level in boring B1. TCE was detected in groundwater below the cleanup level in borings B2 and B4. DCE was detected below the applicable cleanup level in groundwater in borings B2, B3 and B4. VC was not detected in any onsite groundwater samples;
- Stoddard solvents tested as Total Petroleum Hydrocarbons-Gasoline Range were detected below the MTCA Method A cleanup level for groundwater in all borings. Benzene was not detected in any onsite groundwater samples; and
- Cadmium was detected to a maximum concentration of 2.3 mg/kg in soil beneath the slab foundation in a single boring, B5. Reported at a depth of 3 feet bgs, this concentration is slightly above the MTCA Method A cleanup level of 2.0 mg/kg. No other metals were detected above applicable cleanup levels in the remaining soil and groundwater samples.

3.3 PHASE I ENVIRONMENTAL SITE ASSESSMENT, ANDERSEN ENVIRONMENTAL, SEPTEMBER 2014

On September 16, 2014, Andersen Environmental performed a Phase I ESA at the Site. The assessment was performed as part of a due diligence process for the property undergoing receivership. The objectives of the Phase I ESA were to evaluate any recognized environmental conditions associated with the Site, including possible issues relating to historical dry-cleaning operations. Andersen concluded:



- In June 2013, the Tacoma Power Company discovered that the two large transformers that service the subject property had been vandalized. This vandalism resulted in the release of an approximate total of 150 gallons of cooling fluid, reported to be a non-PCB containing product. Initial spill response actions were taken to limit further impact to the subject property. The subject property was subsequently listed on the Confirmed and Suspected Contaminated Sites List (CSCSL). This documented cooling oil release, having a responsible party independently assigned to it, is undergoing final cleanup by Tacoma Power.
- During the course of examining the Washington State Well Log database, Andersen Environmental discovered the presence of 15 "Geoprobe" boring cards from a previous investigation in April 2013, performed by Environmental Associates. Eventually obtained by the client, this report confirmed that the subject property was impacted by VOCs generated by previously identified dry-cleaning operations. Anderson documented the former dry-cleaning operations and reported VOC contamination as a recognized environmental condition, recommending that a Phase II ESA be performed on the Site.

4.0 FIELD ACTIVITIES

Between December 29, 2014 and March 12, 2015, all field activities pertaining to this investigation were completed.

4.1 FIELD PREPARATION

Prior to conducting field activities, Washington One Call was notified of the pending fieldwork a minimum of 48 hours before mobilization and was provided verification Ticket #14352295. Andersen Environmental also contracted with APS Locate (North Bend, WA) to specifically locate and mark any underground detections within the work area, both inside and outside the Site building. Boring locations were subsequently checked for utility conflicts, access limitations and other hindrances or issues that might be encountered during fieldwork. No conflicts with utilities were identified in the chosen boring locations.

A site specific Health and Safety Plan defining possible hazards encountered, and their respective precautionary actions needed during the course of field activities, was reviewed, and signed by all site personnel and presented in Appendix A to this report.

4.2 SOIL SAMPLING

From December 29, 2014 to March 12, 2015, Andersen Environmental field personnel directed Holocene Drilling of Puyallup, Washington to advance 13 borings at the Site (B1 through B13; Figure 2 and 3) and convert four borings into groundwater monitoring wells MW1 through MW4.

4.3 BORING LOCATIONS AND INVESTIGATIVE OBJECTIVES

Boring locations, sampling depths and investigative rationale were as follows:



Boring ID	Location	Total Depth (ft bgs)
B1/MW1	Western-most point (cross gradient) from release area, outside Site building. Cross- and slightly down-gradient from source area.	18.0
B2	Northwest corner from release area, outside Site building.	18.5
B3/MW2	Due north of release area, within down-gradient plume, approximately 40 feet from Site building.	18.0
B4	Northeast of release area, outside Site building.	14.0

Boring ID (Continued)	Location	Total Depth (ft bgs)
B5	Northeast of release area, outside Site building.	15.5
B6/MW3	Eastern-most point (cross gradient) from release area, outside Site building, cross-gradient.	18.0
B7	Northeast of release area, inside Site building	17.5
B8	Northeast of release area, inside Site building	10.0
B9	Estimated southern edge of release area, inside Site building	13.0
B10	Due west of release area, inside Site building	7.5
B11	Southeast of release area, inside Site building	12.0
B12	Due north of release area, within down-gradient plume, approximately 65 feet from Site building	21.0
B13/MW4	Northern-most property point, distal edge of down-gradient plume, approximately 110 feet from Site building	19.0

4.3.1 BOREHOLE ADVANCEMENT

Borings B1 through B6, B12 and B13 are located outside the Site building and were advanced using a truck-mounted hollow stem auger (HSA) drill rig equipped with a 6-inch diameter auger. Borings B7 through B11 are located within the Site building and were advanced using a hydraulic push technology (Geoprobe) on a limited access drilling unit equipped with a 2.25-inch drive rod. Given the lithography encountered, advancement refusal was encountered in some direct-push borings prior to interface with groundwater.

Soil samples were collected at 4-feet bgs and approximately every 4 feet thereafter to terminal depth in all borings (or at terminal depth in the event of refusal), in addition to near the water table interface and changes in lithology. Each soil sample was evaluated for moisture content, relative color, possible odors, texture and soil classification using the Unified Soil Classification System (USCS). Soil samples required for laboratory analysis using the HSA drilling unit were collected by advancing a split-spoon sampler through the hollow stem auger into undisturbed soil. The sampler was lined with three 6-inch long



stainless steel sleeves. Upon retrieval of the sampler, the soil corresponding to the desired sampling depth was obtained, transferred to the proper sampling container, immediately labeled and placed in a chilled (approximately 4°C) ice chest pending laboratory analysis. Soil samples required for laboratory analysis using the Geoprobe drilling unit were collected by hydraulically advancing a steel rod lined with an acetate sleeve into undisturbed soil. After being driven to the desired depth, the rods were removed from the borehole. The acetate sleeve containing the soil sample was removed from the sampling device, transferred to the proper sampling container, immediately labeled and placed in a chilled (approximately 4°C) ice chest pending laboratory analysis.

Borings B1, B3, B5, B6, B7, B9, B12 and B13 encountered groundwater.

EPA required soil procedures for CVOCs were followed throughout and samples placed in required containers for EPA Method 8260C analysis. All samples collected were transported on ice and submitted to a State-certified laboratory (Onsite Environmental, Kirkland Washington) under proper chain of custody documentation. Samples held for possible future analysis were archived in the laboratory.

A copy of the full analytical reports and chain of custody forms are included in Appendix D to this report. Upon completion of each boring, excess soil generated was stored on-site in DOT approved 55-gallon drums pending disposal.

4.3.2 ENCOUNTERED SOIL TYPES

Soils encountered during this assessment were classified as follows:

<u>Shallow soils (approximately zero to 4 feet bgs):</u> Generally Clayey Sands, Silty Sands, and well graded Silty Gravel (USCS soil type classification "SC", "SM" and "GM", respectively); brown to gray, overall dry with sparse organics, overlain with either concrete or asphalt; typical of weathered glacial till with no evidence of imported fill.

<u>Deeper soils (approximately 4 feet bgs to maximum exploration depth of 25 feet bgs):</u> Silty Sands and Poorly Graded Sands (USCS soil type classification "SM" and "SP", respectively); with or without gravel; light to dark gray; with generally increasing moisture at greater depths; consistent with unweathered glacial till.

No unusual or chemical odors were detected during boring activities. Generally, borings indicate preconstruction grading activities well into a dense compacted sand layer. Given the shallow depth in which boring refusal was met subsurface, the likelihood of having encountered glacial erratics remains a possibility.

Groundwater was encountered in various borings at approximately 9.5 to 14 feet bgs. Boring logs are included as Appendix B.

4.4 GROUNDWATER MONITORING WELL CONSTRUCTION

From December 29, 2014 to March 12, 2015, upon reaching terminal depths between 18 and 19 feet bgs, borings B1, B3, B6 and B13 were completed as groundwater monitoring wells. As indicated above, installation was performed using a truck-mounted hollow stem auger (HSA) drill rig, constructed according to required standards (including WAC 173-160 and 173-162) and completed by Washington State licensed drillers (Holocene Drilling, Puyallup, Washington). Monitoring well construction reports were generated, submitted to Ecology and are provided in Appendix B. The four wells were of generally identical construction depending upon terminal depth.

Wells were constructed of 2-inch diameter, Schedule 40 polyvinyl chloride (PVC) casing with a factory slotted (20/in), screen installed between 14 and 19 feet bgs (determined based upon observed depth to



groundwater, and lithologic observations in the field). Clean, graded, kiln-dried Colorado sand was emplaced as the filter pack from 19 and 13 feet bgs.

A 12 to 13-foot hydrated bentonite seal was placed above the sand pack to approximately 1 feet bgs. The well was completed with a neat cement sanitary seal to near grade. Surface completion consisted of a traffic-rated well monument with concrete apron approximately flush with surface grade. The well casing was secured with a locking well cap. Well construction diagrams are included as part of the boring logs in Appendix B.

4.4.1 GROUNDWATER SAMPLING

Between December 29, 2014 and February 25, 2015, groundwater samples were collected from borings B5, B7, B9 and B12, and wells MW1 through MW4. In the borings where monitoring wells were not constructed, a temporary well screen was installed in an attempt to sample groundwater. The temporary screens were subsequently retracted and these boreholes abandoned.

Dedicated small diameter plastic tubing was extended from a peristaltic pump into each well to recover groundwater samples.

4.4.2 WELL SURVEY

On February 25, 2015, and March 12, 2015, the Top of Casing (TOC) elevation, latitude and longitude of each well was surveyed by Washington State licensed surveyors (True North Land Surveying, Seattle, WA and Prizm Surveying, Tacoma WA, respectively). TOC was surveyed as feet above mean sea level (AMSL), using a state plane coordinate system, to an accuracy of 0.01 inches. Survey reports are provided in Appendix C.

4.4.3 IN-SITU GROUNDWATER PARAMETERS

On March 12, 2015, groundwater quality parameters for wells MW1 through MW4 were measured for temperature, pH, electrical conductivity, Redox Potential (ORP), and Dissolved Oxygen (D.O.). The objective of obtaining these parameters after initial installation was to allow for gradient stabilization within the wells.

Being more reflective of the actual groundwater environment, these parameters reveal conditions having a direct influence on CVOC degradation pathways.

Well	Temperature °C	pН	Conductivity mS/cm	ORP (mV)	D.O. mg/L	
MW1	14.32	5.95	0.627	154.4	1.43	
MW2	14.12	6.54	0.261	188.5	2.53	
MW3	13.07	5.99	0.191	158.4	2.32	
MW4	11.99	6.01	0.207	167.7	2.04	

These results indicate a groundwater environment that varies slightly from an average Washington State groundwater temperature of 13°C, is slightly below an average pH, but is highly reduced and contains low levels of dissolved oxygen.



5.0 HYDRAULIC GRADIENT MAGNITUDE AND DIRECTION

Depth to groundwater and groundwater elevations from MW1, MW2, MW3 and MW4 were measured on March 12, 2015. The groundwater was measured to an accuracy of 0.01 foot utilizing a depth-to-water meter (sounder). Results of the well gauging were as follows:

Well	TOC Elevation (feet AMSL)	Depth to Groundwater (feet)	Groundwater Elevation (feet AMSL)
MW1	387.07	8.69	378.38
MW2	386.99	11.01	375.98
MW3	386.59	10.18	376.41
MW4	386.70	14.35	372.35

Groundwater gradient and direction were calculated at approximately 0.0286 ft/ft towards the north.

Prior to the current investigation, and based on surrounding hydrogeologic data from topographic interpretations, the hydraulic gradient was expected towards the west or southwest. While current groundwater direction is different than originally anticipated, it is consistent through multiple measuring events. A groundwater elevation and contour map is presented in Figure 4.

6.0 CHEMICAL ANALYSIS

Select soil samples were field-preserved by EPA Method 5035A, and groundwater samples were collected in laboratory supplied 40 milliliter vials. All samples were immediately placed on ice within a dedicated transport cooler. Samples were then submitted for VOC chemical analysis by EPA Method 8260C, to Onsite Environmental (Kirkland, WA). Laboratory reports and chain-of-custody documentation are provided as Appendix D.

7.0 ANALYTICAL RESULTS

Analytical results were accompanied by the required quality control/quality assurance data. A review of this information was performed according to the National Functional Guidelines for Organic and Inorganic Data Review (US EPA, 2008). The review shows that aside from a minor qualifier flag for acetone calibration, the laboratory data provided is valid for its intended use. This section presents chemical analytical results of soil and groundwater analysis.

7.1 SOIL ANALYTICAL RESULTS

The section presents analytical results for soil chemical analysis. Select soil samples were analyzed for VOCs (EPA Method 8260C). VOCs in soil from the current and previous investigations are presented in Table 1.

7.1.1 VOLATILE ORGANIC COMPOUNDS IN SOIL

PCE and TCE were detected to maximum concentrations of 0.014 milligrams per kilogram (mg/kg) and 0.0023 mg/kg, respectively, both in B9 at 10 ft bgs. Other than PCE and TCE also being detected at trace levels in B8 at 10 ft bgs (0.0069 mg/kg and 0.0012 mg/kg, respectively), no other VOCs were detected beneath the building foundation in any soil samples analyzed during the current investigation. Maximum



trace detections of PCE, TCE and DCE, (0.0091 mg/kg, 0.0015 mg/kg, and 0.0019 mg/kg, respectively; B3 at 13 ft. bgs) were detected outside the building footprint. Other than PCE (B12 at 16 ft bgs) also being detected at trace levels of 0.0011 mg/kg, no other chlorinated VOCs were detected outside the building footprint in any soil samples analyzed during the current investigation.

Concentrations of these chlorinated VOCs in soil were compared to MTCA Method A and Method B cleanup levels. These detections for PCE, TCE, and DCE were significantly lower than their respective cleanup levels of 0.05 mg/kg, 0.03 mg/kg and 160.0 mg/kg. It should be noted that trace detections of Naphthalene and 1,2,4-Trimethylebenzene, (0.270 mg/kg and 0.0015 mg/kg, respectively) were found in B6 at 15 ft bgs, also outside the building footprint. Concentrations of these VOCs in soil were compared to available cleanup levels. Naphthalene was found to be significantly lower than its MTCA Method A cleanup level of 0.48 mg/kg. While the trace level of 1,2,4 Trimethylbenzene is not expected to present any health or further risk to the environment, no current cleanup level is listed in Ecology's CLARC database.

VOCs in soils are presented in Table 1.

7.2 GROUNDWATER ANALYTICAL RESULTS

This section presents the groundwater analytical results. All groundwater samples were analyzed for VOCs (EPA Method 8260C). VOCs in groundwater from the current and previous investigations are presented in Table 2.

7.2.1 VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER

Maximum detections of PCE and TCE, (40 micrograms per liter $[\mu g/l]$ and 11 $\mu g/l$, respectively; both in B3) were detected down-gradient, approximately 40 feet north of the Site building and historical release area. PCE (16 $\mu g/l$) was detected in B7, along the northern edge of the historic release area. PCE (5.5 $\mu g/l$) was detected in B9, along the southern edge of the historic release area. PCE and TCE, (25 $\mu g/l$ and 5.5 $\mu g/l$, respectively) were detected in B12, approximately 65 feet north and down-gradient of the Site building and historical release area. These detections of PCE and TCE in groundwater were above the MTCA Method A cleanup level of 5 $\mu g/l$ for each of these compounds. PCE was detected in B13, (1.1 $\mu g/l$, significantly below the Method A cleanup level), distally down-gradient, approximately 110 feet north of the Site building and historic release area.

Concentrations of TCE below Method A cleanup levels were detected in B7 and B9, (3.3 μ g/l and 0.06 μ g/l, respectively). Concentrations of cis-DCE below Method A cleanup level (80 μ g/l), were detected in B3 (39 μ g/l), B7 (6.9 μ g/l), B9 (0.67 μ g/l), B12 (17 μ g/l), and B13 (0.21 μ g/l). Concentrations of trans-DCE below Method A cleanup level (160 μ g/l), were detected in B3 (0.78 μ g/l) and B12 (0.21 μ g/l). The only other chlorinated VOC detected was 1,1,1 Trichloroethane in B1, (at 0.33 μ g/l), west and cross-gradient of the historic release area. It too was detected well below the Method A cleanup level of 5.0 μ g/l.

Trace groundwater concentrations of VOCs normally related to Stoddard Solvents were found in B1, B3, B5, B7 and B9, proximal to the historical release area in cross-gradient and down-gradient directions. While not present in all these groundwater samples, these compounds included 1,2,4 trimethlybenzene, sec-Butylbenzene, Isopropylbenzene, Xylenes, Ethylenbenzene and benzene. Concentrations of these VOCs in groundwater were compared to available Method A cleanup levels. With the exception of Isopropylbenzene, which does not have a published cleanup level, all detections were significantly below respective cleanup levels. None of these Stoddard Solvent associated detections would likely present a risk to human health or the environment.

A summary of VOCs detected in groundwater are presented in Table 2.



8.0 DISCUSSION

This section provides the current Site conceptual model and details potential environmental concerns resulting from the subsurface investigation.

8.1 SOIL CONTAMINANT CONDITIONS

To date, no VOCs at the Site have been detected in shallow or deep soils above the MTCA Method B levels. However, residual amounts above Method A cleanup levels most likely remain beneath the slab foundation of the Site building in the historical release area of the former dry-cleaning operations. VOCs detections remain in the capillary zone in samples taken some distance from the historic release area, reflecting contaminant transport via groundwater rather y cp'through the observed glacial till. Based upon pasv'and recent soil data results, this r tguwo gf 'past release area appears centralized near Environmental ''' Associates 2013 boring B_E3.

Due to the significant amounts of glacial till at the Site, the lateral impact to the vadose zone appears limited to an approximate 18 foot circumference, again at what appears to be residual concentrations. Based upon information that the original release associated with former dry-cleaning operations may have occurred as late as 1984 (last reported dry-cleaning business), it cannot be ruled out that the entire(?) mass of the original VOC source may have transferred to the groundwater.

8.2 GROUNDWATER CONTAMINANT CONDITIONS

No drinking water wells are found on Site, nor in the immediate half mile radius. Regional drinking water use is by public supply. In general, groundwater conditions detected during the current assessment display a low concentration plume of chlorinated VOCs proceeding due north from a past release centralized near Environmental Associates 2013 boring B3. Dissolved phase VOCs have impacted soils in the downgradient capillary zone, yet at levels well below the respective MTCA Method A cleanup levels. Based upon the laboratory analytical data and the hydraulic gradient information, the VOC plume appears to extend from the source area to a distal edge approximately 135 feet northward with a maximum width of approximately 40 feet. The PCE groundwater plume is graphically presented in Figure 5.

While the groundwater detections are above the applicable MTCA Method A cleanup levels at certain areas of the subject property, the VOC plume shows an established attenuation pattern with the most distal portion reporting PCE at approximately five times less than the MTCA Method A level. No contaminant exceeding the applicable MTCA Method A cleanup level is moving off of the subject property.

With these current conditions, monitored natural attenuation would be the proposed remedial approach to address this site.

8.3 CONTAMINANT DEGRADATION CONDITIONS

In most anaerobic groundwater environments production of significant amounts of VC drives remedial actions. After several rounds of sampling over the last three years and performed by two separate State Accredited laboratories, no VC has been detected in soil or groundwater. The confirmed VC absence in both soil and groundwater rules out liquid phase dilution as an active reduction process. Based upon this observed trend, active in-situ degradation and mineralization of VC appears to be occurring faster than its production rate. Significant amounts of the cis-DCE intermediate compound greater than the parent PCE concentration are not observed either.

Literature suggests that an effective anaerobic oxidation process can occur when a reduced geochemical environment exists in the presence of Mn(IV) or Fe(III), which are often found in glacial till and similar sand environments, such as those at this particular Site. To confirm this possibility, in-situ groundwater



measurements were taken. The results verify that a highly reducing environment (positive ORP) and low oxygen (~2.0 mg/L) conditions already exist. While further testing of microbial populations and/or metal species were beyond the scope the work plan, the current degradation regime strongly suggests an anaerobic oxidation process is occurring on-site. Based upon this information, the established attenuation of dissolved-phase, chlorinated VOCs under natural conditions appears to be an effective remedial approach for this site.

9.0 QUALITY ASSURANCE / QUALITY CONTROL REVIEW

The objective of this review is to ensure adequate Quality Assurance/Quality Control (QA/QC) of the analytical data generated by the Site sampling activities. Samples results were generally evaluated in accordance with the National Functional Guidelines for Organic and Inorganic Data Review (US EPA, 2008). Using these guidelines the analytical data were evaluated for completeness, comparability, accuracy and precision. Towards this goal, the laboratory provided accompanying QA/QC results for each set of samples that were analyzed.

Samples were collected on December 29, 2014, January 13, 2015 and February 25, 2015 to identify possible impact from various organic chemicals that can pose an environmental concern at the Site. A total of 13 soil and 8 groundwater samples were collected and submitted for analyses in accordance with the properly completed chain of custody forms. The samples were documented as having been sampled in their required containers, properly preserved and received in good condition by Onsite Environmental (Kirkland, WA). All samples were analyzed within the required holding times. The data qualifier flag (Y) for Acetone in samples indicates that the calibration verification exceeded the 20% allowable drift and that detections of Acetone should be considered an estimate, if not invalid. Further noted is that Site samples were collected in extremely reduced subsurface conditions. Therefore the likelihood of actual acetone present within this environment is extremely unlikely. Percent moisture was also analyzed by the laboratory and appears consistent with field observations. Practical Quantitation limits (PQL) used by the laboratory with the sample analysis were well below the corresponding regulatory cleanup levels. QA/QC parameters supplied by the lab along with the sample data included surrogate recovery data, method (laboratory) blank data, duplicate blank data, matrix spike data and matrix spike duplicates where possible.

Surrogate recoveries for all samples were well within the required QC limits. Method blank analytical results meet the required QC criteria and no corrections are needed. Laboratory duplicate analyses were performed and proper analytical precision is displayed. Matrix spike results indicate the required analytical accuracy was achieved. Matrix spike duplicate results further demonstrate appropriate analytical precision. The data quality objectives as provided in the National Guidelines are met and these data can be considered valid and representative of Site conditions found during this Phase II ESA.

10.0 CONCLUSIONS AND RECOMMENDATIONS

Andersen Environmental has conducted soil sampling and groundwater monitoring well installation at 9201 Pacific Avenue, South in Tacoma, Washington. Thirteen soil borings were advanced to depths ranging from 7 feet to a maximum depth of 21 feet bgs. Four groundwater monitoring wells were installed on-site to depths of 18 to 19 feet bgs, to further assess groundwater characteristics. Soil samples were collected to assess chlorinated VOC presence at specified locations based upon historical records of previous dry-cleaner operations. Temporary and longer-term monitoring wells were sampled to delineate the presence of chlorinated VOCs in groundwater. In addition, in-situ chemical measurements were taken to assess the conditions favorable to natural degradation of chlorinated VOCs. Andersen Environmental's conclusions and recommendations are as follows:



- This assessment did not detect any VOCs in soils at concentrations above MTCA Method B
 levels. Of the isolated residual amounts above Method A, their contribution as a risk to human
 health or the environment at the site appears limited, and their concentrations are expected to
 attenuate over time.
- At no time during various investigations were non-aqueous phase liquids or chemical odors
 detected. No sumps, drain or utility trenches, cracks in the slab foundation, or fractured bedrock
 were encountered during various investigations. Given the low concentrations of VOCs present
 beneath the slab foundation, the potential to create unacceptable air levels to indoor receptors is
 low.
- This assessment did not detect any receptors affected by the groundwater conditions found at the Site. A plume of low concentration VOCs (maximum concentration less than 10x MTCA Method A levels) extends from the source area to a distal edge approximately 135 feet northward with a maximum width of approximately 40 feet. The plume shows a pattern of natural attenuation with a leading edge detection of PCE five time less than the MTCA Method A level, indicating that no impacted groundwater above MTCA Method A cleanup levels has moved off the Site. As such, Monitored Natural Attenuation (MNA) would be a feasible option for groundwater remediation.
- While presently vacant, the Site is expected to continued commercial operations sometime in the
 future. Reported plans do not include excavation or re-grading of the Site, nor possible access
 and/or use of groundwater. The groundwater is characterized as having an effective natural
 attenuation process of VOCs currently underway. Measurements were made to confirm in-situ
 conditions favorable to this process, and there is no reason to expect the process to decrease.
- Andersen Environmental recommends conducting three additional quarterly groundwater sampling events to establish stable or declining groundwater conditions beneath the Site, at which point a No Further Action determination by the Department of Ecology would be requested.



11.0 SIGNIFICANT ASSUMPTIONS, LIMITATIONS AND RELIANCE

This report has been prepared in accordance with generally-accepted environmental methodologies and industry standards as they relate to the Data Quality Objectives of the assessment. No warranties, expressed or implied, are made as to the professional services provided under the terms of Andersen Environmental's contract(s) or specified in this report. This assessment has been conducted, in part, based on information, data or reports provided or prepared by others. Andersen Environmental reviews and interprets these documents in good faith and relies that the provided data and documents are true and accurate.

Environmental conditions at the site were assessed or interpreted within the context of Andersen Environmental's contract(s) and existing environmental regulations of applicable jurisdiction(s) as of the date of the report. Regulatory requirements, regulations and guidance are subject to change subsequent to the date of the report. Unless otherwise stated in the report, evaluating compliance of past, present or future owners with applicable local, provincial and federal government laws and regulations was not included within the scope of the assessment.

The environmental assessment is limited by the availability of information at the time of the assessment. The conclusions and recommendations regarding environmental conditions presented in this report are based on a scope of work authorized by the Client. It is possible that unreported conditions impairing the environmental status of the site may have occurred which could not be identified. Environmental's opinions cannot be extended to portions of the site that were unavailable for direct access and observation reasonably beyond the control of Andersen Environmental or outside of the scope of the assessment. Environmental assessment activities, particularly the sampling of soil, vapor (air), groundwater and structure materials, represent those conditions which are present at the time of sampling within the immediate vicinity of the sample(s) collected. Although sampling plans are developed in an attempt to provide what is interpreted as sufficient coverage within the assessment area to achieve the investigative objectives, no extent of sampling can guarantee all environmental conditions, potential chemicals of concern (man-made or naturally occurring) and concentrations at which they occur have been identified and quantified absolutely. The assessment performed and outlined in this report was based, in part, upon visual observations of the site and attendant structures. It should be noted that compounds, materials or chemicals of potential concern other than those described could be present in the site environment, and the possibility remains that unexpected environmental conditions may be encountered at the site in locations not specifically investigated.

All components of this report, including but not limited to text, signatures, certifications, figures, tables, attachments, appendices, supporting documents and addenda are integral to the reporting of the assessment. This report may not be reproduced, except in full, without written approval of Andersen Environmental.

This report has been prepared for the sole use of WELLES RINNING. The contents should not be relied upon by any other parties without the express written consent of WELLES RINNING and Andersen Environmental.



1.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

This assessment has been conducted with the standards and level of care and skill exercised in such types of investigations, by qualified geologists, engineers, environmental scientists or environmental professionals, in conformance with generally-accepted industry standards and practices.

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May 12, 2015

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Hydrogeologist 1047

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May 12, 2015



13.0 REFERENCES

The Riley Group, *Phase I Environmental Site Assessment*, January 28, 2005

Environmental Associates, Inc., Limited Soil and Groundwater Sampling and Testing, April 26, 2013

Andersen Environmental, Phase I Environmental Site Assessment Report, September 16, 2014

United States Geologic Survey, South Tacoma, Washington, 7.5 Minute Topographic Quadrangle, "1987

Washington State Model Toxics Control Act Cleanup Regulation Chapter 173-340 WAC, October 2007

Washington State Model Toxics Control Act Chapter 70.105D RCW, Publication No. 9406, revised 2013

Washington State Uniform Environmental Covenants Act Chapter 64.7, November 2007

Department of Ecology, Cleanup Levels and Risk Calculation (CLARC) database, May 2014 Update

Department of Ecology, Guidance for Evaluating Soil Vapor Intrusion in Washington State: Investigation and Remedial Action, Draft Final, Publication No. 0909047, October 2009

Applied and Environmental Microbiology, *Anaerobic Oxidation of* [1,2-¹⁴C]Dichloroethene under *Mn(IV)-Reducing Conditions*, P.M.Bradley, et.al., April 1998

United States Environmental Protection Agency, *Identifying Redox Conditions that Favor the Natural Attenuation of Chlorinated Ethenes in Contaminated Groundwater Systems*, EPA/540/R-96/509, 1996

Environmental Science & Technology, *Anaerobic Mineralization of Vinyl Chloride in FE(III)-reducing conditions*, P.M.Bradley and F.H.Chapelle, 1996

United States Geologic Survey, Anaerobic Oxidation of Vinyl Chloride Under Humic-Acid Reducing Conditions, May 2014

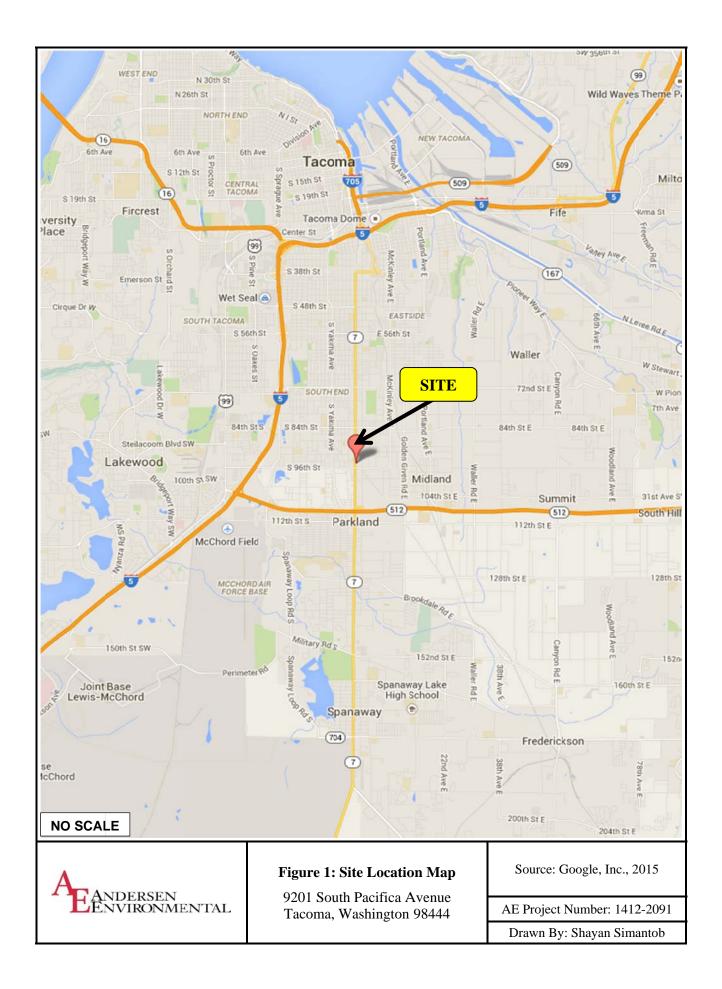
United States Geologic Survey, Role of Acetogens in Anaerobic Oxidation of Vinyl Chloride, May 2014

United States Environmental Protection Agency, National Functional Guidelines for Organic and Inorganic Data Review, US EPA, 2008



FIGURES





IC-ME 2014/Projects 2014/1412-2091_9201 Pacific Ave Tazoma WA 98444_PH IIV05 1412-2091_Reports/Erom VersiCAD

ICAE 2014 Projects 2014 11412-2091_9201 Pacific Ave Tacoma WA 98444_PH IIVS 1412-2091_Peparts From VersiCAD

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TABLES



Table 1: Volatile Organic Compounds in Soil COGIC Property

9201 South Pacific Avenue, Tacoma, Washington 98444

							EPA	Method 8260C (m	ıg/kg)				
Sample ID	Sample Date	Sample Depth (ft bgs)	Tetrachloro- ethylene (PCE)	Trichloro- ethylene (TCE)	cis-1,2,Dichloro- ethylene	trans- 1,2,Dichloro- ethylene	Vinyl Chloride	1,2, Dichloro- ethane	1,1,1,Trichloro- ethane	Napthalene	1,2,4,Trimethyl- benzene	Acetone	All Other 8260C VOC Analytes
B _E 1-3	4/17/2013	3	ND<0.02	0.03	0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.25	ND
B _E 1-3dup	4/17/2013	3	ND<0.02	0.04	0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.25	ND
B _E 2-3	4/17/2013	3	ND<0.02	0.03	0.25	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.25	ND
B _E 3-4	4/17/2013	4	1.2	0.5	0.19	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.25	ND
B _E 4-3	4/17/2013	3	0.03	ND<0.02	0.17	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.25	ND
B _E 5-15	4/17/2013	15	ND<0.02	ND<0.02	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.25	ND
B _E 6-15	4/17/2013	15	ND<0.02	ND<0.02	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.25	ND
B1-12	12/29/14	12	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.048	ND<0.2000	0.011 Y	ND
B2-14	12/29/14	14	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.048	ND<0.2000	ND<0.0056	ND
B3-13	12/29/14	13	0.0091	0.0015	0.0019	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.048	ND<0.2000	ND<0.0056	ND
B4-14	12/29/14	14	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.048	ND<0.2000	ND<0.0056	ND
B5-14	12/29/14	14	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.048	ND<0.2000	ND<0.0056	ND
B6-15	12/29/14	15	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0011	0.27	0.0015	ND<0.0056	ND
B7-17	12/30/14	17	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.048	ND<0.2000	ND<0.0056	ND
B8-10	12/30/14	10	0.0069	0.0012	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.048	ND<0.2000	ND<0.0056	ND
B9-10	12/30/14	10	0.014	0.0023	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.048	ND<0.2000	ND<0.0056	ND
B10-7	12/30/14	7	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.048	ND<0.2000	ND<0.0056	ND
B11-10	12/30/14	10	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.048	ND<0.2000	ND<0.0056	ND
B12-16	02/25/15	16	0.011	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.048	ND<0.2000	ND<0.0056	ND
B13-14	02/25/15	14	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.048	ND<0.2000	ND<0.0056	ND
	CUL		0.05(A)	0.03(A)	160(B)	1600(B)	240(B)	1600(A)	2.0(A)	5.0(A)	NE	7200(B)	Varies

Notes:

"B_E1-3" - Environmental Associates, 2013

"B1-12" - Andersen Environmental, 2014 - 2015

ND - Analyte not detected above Practical Quanitation Limit

NE - Not Established

PQL - Practical Quantitation Limit

CUL - Existing CleanUp Level under MTCA Method (A) or Method (B)

Detections in bold, detections exceeding screening criteria shaded in gray

Y - Laboratory calibration parameters not within nominal range. See laboratory report.

mg/kg = milligrams per kilogram



Table 2: Volatile Organic Compounds in Groundwater COGIC Property

9201 South Pacific Avenue, Tacoma, Washington 98444

								EPA	Method 8260C	(μg/l)						
Sample ID	Sample Date	Tetrachloro- ethylene (PCE)	Trichloro- ethylene (TCE)	cis- 1,2,Dichloro- ethylene	trans- 1,2,Dichloro- ethylene	Vinyl Chloride	1,2,Dichloro- ethane	Chloroform	Benzene	Ethyl- benzene	Total Xylenes	Isopropyl- benzene	sec-Butyl- benzene	1,2,4,Tri- methyl- benzene	Acetone	All Other 8260C VOC Analytes
B _E 1	4/17/2013	2.4	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<10	ND
B _E 1-dup	4/17/2013	2.3	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<10	ND
B _E 2	4/17/2013	21	4.7	26	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<10	ND
B _E 3	4/17/2013	44	16	32	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<10	ND
B _E 4	4/17/2013	7	2.4	9.3	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<10	ND
B _E 5	4/17/2013	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<10	ND
B _E 6	4/17/2013	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<10	ND
B1/MW1	12/29/14	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	0.33	ND<0.2	0.4	0.29	1.55	0.26	0.36	0.43	ND<5	ND
B3/MW2	12/29/14	40	11	39	0.78	ND<0.2	ND<0.2	0.24	ND<0.2	ND<0.2	0.72	ND<0.2	ND<0.2	ND<0.2	ND<5	ND
B5	12/29/14	ND<0.2	ND	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	0.41	1.92	ND<0.2	ND<0.2	ND<0.2	ND<5	ND
B6/MW3	01/23/15	ND<0.2	ND	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.04	ND<0.2	ND<0.2	ND<0.2	ND<5	ND
В7	12/30/14	16	3.3	6.9	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	0.35	1.25	ND<0.2	ND<0.2	ND<0.2	ND<5	ND
В9	12/30/14	5.6	0.96	0.67	ND<0.2	ND<0.2	ND<0.2	ND<0.2	0.2	0.42	1.45	ND<0.2	ND<0.2	ND<0.2	10 Y	ND
B12	02/25/15	25	5.5	17	0.21	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.04	ND<0.2	ND<0.2	ND<0.2	ND<5	ND
B13/MW4	02/25/15	1.1	ND<0.2	0.21	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.04	ND<0.2	ND<0.2	ND<0.2	ND<5	ND
Trip Blank	10/30/14	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.2	ND<0.04	ND<0.2	ND<0.2	ND<0.2	ND<5	ND
С	UL	5	5	80	160	0.2	5	80	5	700	1000	NE	80	80	7200	Varies

Notes:

"BE1" - Environmental Associates, 2013

"B1" - Andersen Environmental, 2014 - 2015

ND - Analyte not detected above Practical Quanitation Limit

NE - Not established

PQL - Practical Quanitation Limit

CUL - Existing CleanUp Level under MTCA Method A or CLARC Tables Detections in bold, detections exceeding screening levels shaded in gray



APPENDIX A HEALTH AND SAFETY PLAN



SITE SPECIFIC HEALTH AND SAFETY PLAN

To be used for Emergency Response or jobs expected to last less than one week Phase II Soil Borings Project No. 1412-2691 DESCRIPTION OF MATERIAL TO BE HANDLED -- To be completed by Project Manager Soil cuttings / water de velopement water possibly impacted by chemicals of concern such as halogenated hydrocarbons Actual T S and/or C = T= Time Weighted Average (TWA) S = Short Term Exposure Limit (STEL) C = Ceiling SITE LOCATION AND DESCRIPTION -- To be completed by Project Manager. (Include size/area, topography, open or confined space, ventilation, ignition sources, other materials/wastes in area, site accessibility, expected vapor dispersion, i.e., vertical -- horizontal -- likely to seek lower levels and form pockets -etc., leakage, available body/eye safety showers, etc.) Five (5) Geoprobe borings in an open parking lot (4 monitoring well installations); five(5) Geoprobe borings using LAR inside large building. all work areas secured to non-working personnel. Formal Utility locates have been performed and as visibly marked. all site stoff will be OSHA 40-hr trained and wearing Level D PPE depen upon task. Interior work will have additional precautions in place of supplied lighting and power equipment exhaust ventilation as needed. No electrical power found onsite, Possible under ground equipment drains indentifed. Proper egress and access will be maintained at all times Overhead obstructions will be clearly marked. SAFETY & HEALTH MANAGER TO COMPLETE THE FOLLOWING: (CHECK ONE OR BOTH AS APPLICABLE) **TOXICITY BY INHALATION** SKIN ABSORPTION Based on the lowest TWA, STEL and/or Ceiling. Check (X) the level of toxicity and circle T, S, or C to indicate TWA, STEL, and/or Ceiling below: Severely Toxic - Hazardous waste that is capable of producing irreversible damage to employee health and/or employee death. 101 - 500 PPM X 2 (T) S Moderately Toxic - Hazardous waste that is capable of causing reversible o irreversible changes in the human body not necessarily severe enough to cause serious physical impairment or Low or Slightly Toxic - Hazardous wastes that are capable of producing Over 500 PPM changes readily reversible once exposure ceases with or without medical intervention. TOXICITY BY INGESTION - Based on the lowest human LDLO or, if not available, the lowest animal LD50. Check (X) the applicable degree of toxicity below. PROBABLE LETHAL DOSE FOR A 70 KG (1551b) MAN DOSE PER KG OF BODY WEIGHT **DEGREE OF TOXICITY** -- A taste (6) Dangerously Toxic more than 1.0 mg -- A teaspoonful (5) Seriously Toxic 1 - 50 ma 50 - 500mg (4) Highly toxic - An ounce (3) Moderately Toxic -- A pint 0.5 - 5 gm (2) Slightly Toxic -- A quart 5 - 15 gm -- More than a quart (1) Low Toxicity less than 15 gm

PHYSICAL CHARACTERISTICS Vapor Pressure 10mm Hq	Vapor Density	(Air = 1) Other Skin	isritant
PHYSICAL HAZARDS - FIRE/EXPLOSION			in Paris
Flash point NA °F LEL	% by Vol to UEL	% Other	
REACTIVITY			
**************************************	foric Oxidizer	Water Hazardous Polymeriza	ation
Decomposes to Chloring			
Type decomposition Reductive		Due to: Heat	40
PROJECT PLAN BASED ON MATERIAL/SIT			(5) outside, 5 inside
Geoprobe borings will tak	e place orsite, Mini)	nal contact with soil cutting	s and ground water
4		welled. additional lighter	1 11
	, , , , ,	. Proper egress/access mai	// 4 . //
		ton as needed. Overhead or	
		I free product or saturated soi	
PPE(DETAIL) Level D: Hard		A 1	
hearing protection, dust		saleing gasses steering a	013, 7.0000) -001
DECONTAMINATION/FIRE PROTECTION		used to down only me of la	emanal All Clause
			1500 Mei Pau Trans
Sources and vehicles (other			
I.H. MONITORING (Determined by Safety/Hea	alth Manager. Circle one.	YES (NO)	
	and the transfer and the second secon		
To be done by:		(A) On entry before job begins. Circle of	ne. YES NO
(B) During time in hazardous waste locati		NO Copy to Safety/Health Mgr.	
MEDICAL SURVEILLANCE (determined by S	afety/Health Manager) YES	69	
		Name of the second seco	
Emergency Numbers - Fire # 253- 591-	ion II, Tacoma	General Hospital	Dave
Emergency Numbers - Fire # 253 - 59/-	5749 (911) Injury # 253-90	3-1000 (911) Customer # 125-709-699	Contact Name Pinning
Nels B Cong	12/29/14 DATE	Mels & Cone	12/29/14
SAFETY & HEALTH MANAGER (REQUIRED)	DATE /	PROJECT MANÁGER/SUPERVISOR (REQUIRED)	DATE
(ILGOILLD)		(NEGONIED)	
CR		LEDGE ORIENTATION TO THIS CERP QUIRED)	
NAME	SOC. SEC. #	NAME	SOC. SEC. #
Mitch McCarley	12/29/14	Roddy Gilseth	2/25/15
JoSH MARSH	12/29/14	to have	2/25/15
Page Access		are the same A.	
Filips a new years —		Simple Land (4)	nn i'i nedi zed
DATE TRAINED		TRAINING TIME	

APPENDIX B BORING LOGS AND WELL COMPLETION LOGS



FIELD BORING LOG

MAP	OF BO	RING	LOCA	TION				NEW HOLL AND ADDRESS OF THE PARTY OF THE PAR			4	PROJECT NAME/NUMBER BORING NUMBER
										1		1412-2091 BI
												1412-2091 BI
						-				N,	1	LOGGED BY NBC PROJECT MANAGER BC ORILLING CONTRACTOR DRILLING SONTRACTOR DRILLING METHOD SAMPLING METHOD
										"/	1	Holocene 53
												DIRITING METHODS SS
r												BORING DIAMETER - HAMMER TYPE
												CELYING HAVINER
	-14	.						- 1				DEPTH (Kelly Bar): WEIGHT: DROP HEIGHT:
	Bl											RING SAMPLER TYPE
			7									O.D.: I.D.: INCHES CRIVEN:
			- 1									GROUNDWATER MEASUREMENT METHOD:
			- 1					4				WATER DEPTH/TIME: 14 FF / 1049
/Ohai						4.4		•				DRILLING
(Ono)	norm	arrow	, oistar	ices to l	anama	ing					1	STARY: 0830 FINISH: 10:30 DOWNTIME
												BACKFRIMETHOO CONVEYTED to MWI
	œ				RED	NOL	Ç.					DATE SURFACE SURFACE CONDITION
PTH	MB	PE		VEN	30VE	N N	N.			E	26	12/29/14 REVATION Pavement.
E DE	ENL	F	19/S	BBI	3 REC	20	TPE	and the same of th		(FEE	YMB	pocoemeuc:
SAMPLE DEPTH	SAMPLE NUMBER	SAMPLE TYPE	BLOWS/6 in	NCHES DRIVEN	NCHES RECOVERED	SAMPLE CONDITION	POCKET PEN. (1sf)		TIME	БЕРТН (FEET)	USCS SYMBOL/ GRAPHIC LOG	SOIL DESCRIPTION
/S	8	S S	16	Z	Z	S	2			6	22	(type, density/consistency, moisture, color, trace)
			e e e e e e e e e e e e e e e e e e e						0			Agphalt ~ 3" average condition
									15	1		average condition
											Britisha	
										2	i	
		-		130						2		
						Test	ecta entre			}.		
										3		
					*							
				15.0	i				4.00	4	3	Sancly Clay, grey Odor, damp
				- 7		1	-		0	10	2	BALLOK SAMO
												y odor j ocump
										5	and a second	
						104						
						e de la composition della comp				6	- Amount	
							- COMMISSION				A	
							and the second			7	Name and Address of the Owner, where the Owner, which is the Owner, where the Owner, which is the Owner, where the Owner, which is the Ow	***************************************
-		-		-		-	-			7		
	and the same of th				*ionia				4			- A
						an a			0.7,	8	U	clayer sand, grey, dense
					Town of the last						5	odor, damp
								distraction	and the same of th	9		
											1	
								- Land	a parametria			
			1			ł				10		

BORING LOG and DAILY,xls 1st Page Boring No. ____ Page 1 of Z Pages

FIELD BORING LOG (continued)

DEРТИ	NUMBER	TYPE	BLOWS/6 In	IN. DRIVEN	IN REC'VD	CONDITION	POCKET PEN. (tad)		TIME	рертн (FEET)	USCS SYMBOL/ GRAPHIC LOG	PROJECT NAME/NUMBER U12 - 2091 12 29 14 B) SOIL DESCRIPTION (type, density/consistency, moisture, color, trace)
1/2	12/2	lios							160	11	SN	Silty Sand, Mey
4	130	450							6.5	13	5	Silty Sand, Mey Odor, damp Sample taken
									2	15		GW encoratored Sample taken
	The second secon							Total Section		16		
									.i.	17	NS	Dense Grey Silty Sand, Fixal Depth, wit, Godor
	100 mm	STOCK STATE						7		19		
										20		
								AND		22		
										23	-	22 24 1 1 1 2 1 2 1 2 1 2 1 2 2 2 2 2 2
										25		
		The state of the s						Vermitten (State Control of State Contro	manada (promoto promoto promot	26		
										28		
						-	Appropriate Control of	0.000		29		· · · · · · · · · · · · · · · · · · ·
							Visignature			30		***************************************

BORING LOG and DAILY als 10-30 Boring No. | Page 2 of 2 Pages

FIELD BORING LOG

MAP OF	BOI	RING	LOCA	TION							(AVAILA	PROJECT NAMENUMBER BORING NUMBER
	3	2.							4			1412-2091 BZ
		Г	_			Voic-tree		1				LOGGED BY NBC PROJECT MANAGER C
								1				PRILLING CONTRACTOR HOLOCENE PRILL RIG 53
												DRILLING CONTRACTOR HOLOCENE PHOLOCENE DRILLING METHOD H SA SAMPLING METHODISES S
		1										BORING DIAMETER HAMMER TYPE
									Ņ	′		DEDVING HAMMER DEPTH (Kely Bar): WEIGHT: DROP HEIGHT:
		1										RING SAMPLER TYPE INCHES O.D.: I.D.: DRIVEN:
			7									GROUNDWATER MEASUREMENT METHOD: WATER DEPTH / TIME: // A
(Show n	orth :	arrow,	, distar	ices to	landma	iric)		www.moon.org	rg w www.asonaba			DRILLIME START: //:00 FINISH: //:52 DOWNTIME
	-										- Constitution	
Separations.	œ				RED	NOL	-				-	DATE SURFACE SURFACE CONDITION
рертн	NUMBE	TYPE	n s	RIVEN	RECOVE	CONDI	PEN. (19			reen)	MBOL/	RACKFRLIMETHOD BENTONITE / asphalt patch RATE SURFACE SURFACE CONDITION 12/29/14 PAVE MENT
SAMPLE DEPTH	SAMPLE NUMBER	SAMPLE TYPE	BLOWS/6 in	NCHES DRIVEN	NCHES RECOVERED	SAMPLE CONDITION	POCKET PEN. ((sf)	e de la companya de l	TIME	оертн (Feet)	USCS SYMBOLI GRAPHIC LOG	SOIL DESCRIPTION (type, density/consistency, moisture, color, trace)
F	0)	0,	w			0)			8		138	
						-			11:00			Asphalt ~ 3" Average condition
										1		Average condition
	and control and									- Constitution of the Cons		
								_	-	2		
-	waterploon.						THE STATE OF THE S	and the same of th				
										3		
	The Management				one and	-		- Andrewson and a second	11:15			Brown clayen sand
-	-			16.					1	4	18	damp, bolov
								-				
					13		100			5	-	
							+		1	. 3	-	
						all and					-	
							-		-	6	See A Common	
					niametriculus (Annual Property Control of the Contr	the state of the s			7	N 100 PM	
									12	7	1	Maria 1/4 22 1 1 1 1 2 2
Market	-				Decembrates				かが	- Proposition	25	Arey silty sands, damp
						-			17	8	5	Q Odor
					100000000000000000000000000000000000000				NACTION OF THE PERSON		-	
					-					9		
								And the second State of th	Delia delia			
						and the same of th			-	10		

FIELD BORING LOG (continued)

DEPTH	NUMBER	TYPE	BLOWS/6 in	IN DRIVEN	IN REC'VD	CONDITION	(bd)	ТМЕ	рерти (FEET)	USCS SYMBOL/ GRAPHIC LOG	PROJECT NAME/NUMBER 1412-2091 SOIL DESCRIPTION (type, density/consistency, moisture, color, trace)
								17.85	11	Sp	Brey dease sand, dry
<u>}/</u>	82-14	/ios		And other property of the party				<i>Gh;</i> //	13 14	から	Grey silty sand Sample taken, podor, moist
		*							16	The second secon	
								11.52	17 18	200	Fixal Depth, Refusal, \$150 pebbly sand, damp
				Andrewson and An					20		
									21		
								The state of the s	23		
	_								24		B741
									26		AND THE RESIDENCE OF THE PROPERTY OF THE PROPE
				Action (Editor)				CE TOTAL CONTROL CONTR	27		
		PROPERTY.					Annual An		29		
									30		

BORING LOG and DAILY xls 10-30 Boring No. 2 Page 2 of Pages

FIELD BORING LOG

MAP	OF BC	RING	LOCA	TION							3c.#	PROJECT NAME/NUMBER BORING NUMBER		
					83	3			1			1412-2091 B3		
					9				")			1/36		
		1						7				DRILLING CONTRACTOR HOLOGENE DRILLRIG 53		
		1										DRIFT WOLLD ITS A SAMPLING METHODIZES S		
												BORING DIAMSTER HAMMER TYPE		
												DEDVING HAMMER DEPTH (Kelly Bar): WEIGHT: DROP HEIGHT:		
											RING SAMPLER TYPE INCHES O.D.: I.D.: DRIVEN:			
	4										GROUNDWATER MEASUREMENT			
											WATER DEPTH/TIME: 14/12:35			
											ORILL TIME			
(Show	(Show north arrow, distances to landmark)										START: /2.05 FINISH: DOWNTIME			
		all of the second									-	BACKFRI METHOD Convert to Monitoring Well#		
	8	The state of the s			ERED	NOL	(Je					PATE SURFACE SURFACE CONDITION		
EPTH	OMB	PE	_	VEN	COV	QVC	N.C			ET.	300	12/29/14 ELEVATION parement.		
LEDI	E N	LE T	8/6 1	SDR	SRE	LEC	13	NAME OF TAXABLE PARTY.		(FE	SYME	14 111 pour officer		
SAMPLE DEPTH	SAMPLE NUMBER	SAMPLE TYPE	BLOWS/6 in	INCHES DRIVEN	NCHES RECOVERED	SAMPLE CONDITION	POCKET PEN. (1sf)	and an annual state of the stat	TIME	БЕРТН (РЕЕТ)	USCS SYMBOLI GRAPHIC LOG	SOIL DESCRIPTION (type, density/consistency, moisture, color, trace)		
				1990	Ē					Life Com-		Asphalt, a verage condition		
						Andrew Printers			1805	1		2" Thark		
				 					1	'	and the second	7,000		
		-					Andrew Spread of the Spread of	norther forestern			-	THE		
		-					-		+	2				
		on designation of the second					properties of		-					
		<u> </u>				1 1	-			3		The second secon		
									6					
									12:15	4		Brown clayey sand, dry		
		-									19	dodar		
						-					-	The state of the s		
		-		4			-		-	5				
				Carrier Control		Commission					-			
_		-		2			-			6	y .	100000000000000000000000000000000000000		
						The second					- Anna Anna Anna Anna Anna Anna Anna Ann	***************************************		
										7				
	and the same of th				A STATE OF THE PERSON NAMED IN COLUMN 1				3:50	A PERSONAL PROPERTY OF THE PERSON NAMED IN COLUMN 1 A PERSON NAMED IN COLUM	on the latest service of the latest service	·		
		NATIONAL PROPERTY.			and the contract of		The second		6	8	2	Brown silty sand, damp, podor		
											N			
								100		9	1 '	4/4/4/4/4		
-		-					-			9	1			
			-					The state of the s						
			1			one-page		and an		10				

рерти	NUMBER	TYPE	BLOWS/6 in	IN. DRIVEN	IN REC'VD	CONDITION	POCKET PEN. (taf)	ТМЕ	оветн (FEET)	USCS SYMBOL/ GRAPHIC LOG	PROJECT NAME/NUMBER 1412-7091 12/29/14 BORING NO. 12/29/14 B 3 SOIL DESCRIPTION (type, density/consistency, moisture, color, (race)
								- 6	11		
43	n							2:35/2:3/125	12	3	Grey gravelles sand, moist
C,	B3-GW B3-13	120 Sail						7.5	13		Sample taken soil Godor
戸井のな	3-GW	20						5	14	28	
_	-80-							6	14	ام	Ground Water eucountered Sample taken
								PCST2-	15	F	
								ANA CONTRACTOR	16	-	**************************************
							- 5		17		***************************************
Significance and an area									18	SA	Dense, gray silty sand, wet End of Boring Bodon
				***************************************							——————————————————————————————————————
		The state of the s							19		CE STATE OF THE ST
-									20		100
									21		
							SCHOOL STATE		22	-	**************************************
	on the second	-			, ,			(Acceptance of the constraint of the cons	23	-	7.
		- Long-								-	200 (4 a a a a a a a a a a a a a a a a a a
									24	-	
-							100		25		**************************************
900									26		**************************************
	The state of the s	Translation and a						edded breather nes meets	27	-	
			No.						28	-	
									29	-	THE RESERVE OF THE PROPERTY OF
and the state of t							Transaction and the second		30	-	***************************************

BORING LOG and DAILY xls 10-30 Boring No. _____ Page__2_of___Pages

MAP	OF BC	RING	LOCA	TION					-		PROJECT NAME/NUMBER BORING NUMBER
											1412-2091 84
***************************************											LOGGED BY A I RC PROJECT MANAGER
							,B4		T		DRILLING CONTRACTOR ASC
		_						~	1		CHILLING METHOD INCA SAMPLING METHODS
											BORING DIAMSTER HAMMER TYPE
											DEDVING HANNER
											DEPUNG HAMMER DEPTH (Kely Bar): WEIGHT: DROP HEIGHT:
		1						1 1	/		RING SAMPLER TYPE O.D.: I.D.: INCHES ORIVEN:
											GROUNDWATER MEASUREMENT METHOD:
			1								WATER DEPTH/TIME: NA
(Shor	v north	arrow	, distai	nces to	landma	ork)		1	1	***	DRILL TIME START: 1:30 FINISH: 1:53 DOWNTIME
					60	Z.				-	BACKFRI METHOD BENTONITE asphalt patch
HTH	MBER	3.		/EN	NCHES RECOVERED	SAMPLE CONDITION	4. (tsf)		6	700	DATE SURFACE SURFACE CONDITION 12/29/14 SURFACE CONDITION Pavement
SAMPLE DEPTH	SAMPLE NUMBER	SAMPLETYPE	BLOWS/6 in	NCHES DRIVEN	SREC	LE CO	POCKET PEN. (tsf)		оертн (Рест)	SYMB	
SAMP	SAMP	SAMP	B1,0%	INCHE	INCKE	SAMP	Pock	TIME	DEPT	USCS SYMBOLZ GRAPHIC LOG	SOIL DESCRIPTION (type, density/consistency, moisture, color, trace)
					-			The state of the s	1		Asphalt poor condition
									1		Asphalt poor condition 2.5" Thick
										de capitales de	
_					42				_ 2		
		1			The second		on inches		Company Company		
_				11.					3		
								7811)		
									4	3	Brown, gravelly sand, damp
Name of the last					Rep.			A CONTRACTOR OF THE CONTRACTOR		2	Oodor
									5		•
						No.				- Commence of the Commence of	
-	_						** Copy Colombia		6		
					and the same of th				7		
	A CONTRACTOR OF THE PERSON OF				on the second			06:1	Construction of the Constr		Care situs 1
					-	ļ			8	2	Grey silty sand, damp
								Control States	0		CP Odor
									9		
						and the second		Maria and the second	10		
						ł .			10	11	

BORING LOG and DAILY,xls 1st Page Boring No. 4 Page 1 of 2 Pages

firm

DEРТН	NUMBER	TYPE	BLOWS/6 in	IN. DRIVEN	IN REC'VD	CONDITION	POCKET PEN. (tsf)		ТІМЕ	оертн (FEET)	USCS SYMBOL/ GRAPHIC LOG	POJECT NAME/NUMBER 1912-2091 SOIL DESCRIPTION (type, density/consistency, moisture, color, trace)
									1.7%	11		C. Complete
									1	12	3	Grey Gravelly Sand, moist
144	8414	Soi/				The state of the s			55	14	7	Silty Send Dense, Grey to light Grey End of Boring, sample taken
								PROF.		15	35	End of Boring, sample taken
					CT Siddenous years					16	-	
								_		17	-	
										18		
										19	-	
										20		
	X									21		***************************************
									OR AND STREET,	22		
							-			23		
										25		
The second secon								No.	And the second s	26		**************************************
	2777									27	27.1	
			100		And the second second					28	-	
		- White Management		PER COLUMN AND ADDRESS OF THE ADDRES			Strict Brogging and American			29	-	
				-		No.	HEROLOGIC STATES	Perittinosesses		30	-	

		1/		_
BORING LOG and DAILY xls 10-30	Boring No	- (Page	2 of Pages

MAP	OF BO	RING	LOCA	TION		******					PROJECT NAME/NUMBER BORING NUMBER
					ol	35		4			1412-2091 B5
											DRILLING CONTRACTOR HOCEAR DRILL RIG 53 DRILLING METHOD HS A DAMPING METHODISE SS BORING DIAMETER HAMMER TYPE
								N			DENYING HAMMER DEPTH (Kelly Bar): WEIGHT: DROP HEIGHT: RING SAMPLER TYPE
											O.D.: I.D.: INCHES CRIVEN: GROUNDWATER MEASUREMENT
(Shov	v north	этож	, distar	ices to i	landma	uric)					METHOD: WATER DEPTH/TIME: 15,5/3:80 DRILL TIME
										-	START: 2:15 FINISH: 3:05 DOWNTIME BACKFILL METHOD BEN GONTE / asphalt patch
SAMPLE DEPTH	SAMPLE NUMBER	SAMPLETYPE	BLOWS/6 in	NCHES DRIVEN	NCHES RECOVERED	SAMPLE CONDITION	POCKET PEN. (tsf)		DEPTH (FRET)	USCS SYMBOL/ GRAPHIC LOG	DATE SURFACE SURFACE CONDITION
SAMI	SAME	SAME	BLOV	NCH	INCH	SAMS	Pock	TIME	DEPT	USCS	
								She	1		Asphalt, poor condition
					30				2	oden constitution of	***************************************
	Andreas de l'angresse							2000 CONTRACTOR CONTRA	3		
								2:80		2	Provide Cold Co. Co.
					Neg			7	4	SM	Brown Silty Sand, damp
							100000		5		
					1	OF THE PERSON NAMED IN COLUMN			6	non-decomposition and the	
				-		The second secon			7	Section of the sectio	
					And the second s	- Company of the Cos		2.35	8	SM	Brown silty sand, dense damp, Order
									9		J. 2007
			And the second second			Control Control Control	2000 to 1000 t	US COMPANY OF THE PARTY OF THE	10		

BORING LOG and DAILY, xls 1st Page Boring No. 5 Page 1 of 2 Pages

fire.

DEPTH	NUMBER	ħ	BLOWS/6 in	IN. DRIVEN	IN REC'VD	CONDITION	POCKET PEN. (tsf)		DEPTH (FEET)	USCS SYMBOL/ GRAPHIC LOG	PROJECT NAME/NUMBER DATE BORING NO. 1412-2091 12/29/14 B5
DE	Ñ	TYPE	BLC	N.	Z.	Ś	POC (feel)	TIME	DEP	282 88	SOIL DESCRIPTION (type, density/consistency, moisture, color, trace)
						4		65.5	11	hus	Grey gravelly sand, moist, pador
14.14	B514	50i/			This			Oń.	13		Sample soil-taken
(55	BEEN	420						5 3:00	15	95	GW Encounterd, Sample taken End of boring, wetchense sand grey, godor
								3:05	17		grey, dodor
								MINOR CO. Service	18		***************************************
									20		
									21	or other transference defined also accomplished and the second defined and the second defin	
						,		SYSTAL CONTRACTOR OF THE STATE	23		
									24		
-					A-101-2		MATERIAL PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PROPE	Anna Anna Anna Anna Anna Anna Anna Anna	26	Potts hitely farmer ere also one man	
									27		
						T A MAD ON SCIENCE OR		***************************************	29		TO NAME OF STREET
-							On-disciplina carried		30		

BORING LOG and DAILY xis 10-30 Boring No. 5 Page 2 of Pages

MAP	OF BC	RING	LOCA	TION							PROJECT NAMENUMBER BORING NUMBER
									1		1412-2091 B6
											LOGGED BY 13C PROJECT MANAGER 13C
		Ī						7	1	,	Llalacens S3
		-						OBG	, ^	′	DRILLING METHOD HSA SAMPLING METHODISS \$5
		-									BORING DIAMETER HAMMER TYPE
											DEDVING HAMMER DEPTH (Kely Bar): WEIGHT: DROP HEIGHT:
		1									RING SAMPLER TYPE INCHES O.D.: I.D.: DRIVEN:
								1			GROUNDWATER MEASUREMENT
											METHOD: WATER DEPTH/TIME: 174/3:20
(Sho	w north	arrow	, distar	ces to	landma	nrk)				-	DRICL TIME START: 2:30 FINISH: 3:35 DOWNTIME
			-		Q	2					BACKERL METHOD CONVERT TO MONITORING Well #
Ŧ	ABER	ш		E N	SVER	ОТПО	(183)		_	٦,	SURFACE SURFACE CONDITION
E DEP	ENUR	ETYP	19 J	DRIV	REC	00	L PEN		FEET	YMBC	pareneat:
SAMPLE DEPTH	SAMPLE NUMBER	SAMPLI	BLOWS/6 in	INCHES DRIVEN	NCHES RECOVERED	SAMPLE CONDITION	POCKET PEN. (1sf)	TIME	оертн (гест)	USCS SYMBOLI GRAPHIC LOG	SOIL DESCRIPTION (type, density/consistency, moisture, color, trace)
				-							asphalt, good condition
						The state of the s		5.30	1	-	~3" thick
(chargement)										opostos bod.	
		and the same of th			. Sec. lea				2		
				ō		8			3		
						-		4.	Ť		
					-			2:50	4	3	Brown growelly soud
										38	Brown gravelly sand,
									5		The state of the s
									3	and a constant	
			David and an						6		
					The state of the s					The state of the s	
	-								7	- kommon	
	The state of the s				- Periodical			2			
					<u> </u>	-		l vi	8	1,1	Grey clayey sand, dense
					Sample of State of St			Personal seasons and seasons are seasons as a season seaso		12	g odor, damp
	ļ					-			9		,
			Principle of the second					ADD-DESCRIPTION OF THE PARTY OF			
									10		

BORING LOG and DAILY, xls 1st Page Boring No. 6 Page 1 of 2 Pages

рертн	NUMBER	TYPE	BLOWS/6 In	IN. DRIVEN	IN REC'VD	CONDITION	POCKET PEN.	TIME	ОЕРТН (FEET)	USCS SYMBOL/ GRAPHIC LOG	PROJECT NAME/NUMBER U12 - 209 DATE BORING NO.
								9	11		
							A PAGE AND	2.00	12	25	Grey compacted sand,
主	Brow	420							13		The state of the s
250	BG-15 BK					-	A CONTRACTOR OF THE CONTRACTOR	b	14		Groundwater, low-flo grap sample
7	98	5011					Maria de la companya del la companya de la companya	3:15	15	SC	Grey clayey gand, moist, podos Sample tecken soil
						TOUR COMMISSION OF STREET		37.20	16		
					100			3.35	17	WS SW	Find of haring bodge wet
									19	95	End of boring bodor wet light gray sand, dense
				Androquermedate sense					20		43.44
					The state of the s	SQUING MARK LANDON STATE OF THE			21		
-975045								at 15 to 15	22	- contraction of the same	***************************************
_				Tributa		manufacture constitution of the second			23		
					The second secon	Or of Statistics			24		
			*M ****hoopingeroom				Odd State and St	And the state of t	25		~~~~~
				and the second s					26		
				Annual medical property of the control of the contr					27		
		Calle January			d control of the cont		Management of the second		29		**************************************
							WINDS OF THE PARTY	Donot in the same of the same	30		

BORING LOG and DAILY xis 10-30	Boring No	6	Page_	2 of 2 Pages

MAP	OF BO	RING	LOCA	TION		Anna de la constante de la con			71	-	PROJECT NAME/NUMBER BORING NUMBER
											1412-2091 137
											LOGGED BY PROJECT MANAGER / DC
		_							4	4	PRILLING CONTRACTOR HOOCENE PRILLING LAR
		1				оВ	7	7			BORING DIAMETER HAMMER TYPE
		1				OD	•				BORING DIAMETER 2 HAMMER TYPE
								1.			IRD/ING HAMMER DEPTH (Kely Bar): WEIGHT: DRCP HEIGHT:
		1							1		RING SAMPLER TYPE INCHES O.D.: I.D.: DRIVEN:
		L	7								WATER DEPTH/TIME: /7,5 1/10:35
(Shor	v north	arrow	, distar	nces to l	landma	arik)					PRILLIME
										d'entrateurs	START: 9/15 FINISH: DOWNTIME BACKERL METHOD BENTOWTE Concrete
	œ				RED	NO	6				DATE SURFACE SURFACE CONDITION
SAMPLE DEPTH	SAMPLE NUMBER	TYPE	6 in	NCHES DRIVEN	NCHES RECOVERED	SAMPLE CONDITION	POCKET PEN. (tsf)		FEET)	CLOG	12/30/14 concrete
SAMPLE	SAMPLE	SAMPLETYPE	BLOWS/6 In	INCHES	INCHES	SAMPLE	POCKET	TIME	рертн (Реет)	USCS SYMBOL/ GRAPHIC LOG	SOIL DESCRIPTION (type, density/consistency, moisture, color, trace)
								1 /2			concrete ~4" foundation
								8:73	1		Inside Bldg
										- American	
									2		
		and supplied the supplied to t					Constitution of the consti				
						1 2		and the state of t	3		
					1			h	ΙΓ		
	de la companya de la							22	4	10,	Brown clayey silt, damp
										3	Godor
de la constanta						And the Control of th	1000	100 STALL	5	distribution of the last of th	A 196 of the state
										and the same of th	
				000000000000000000000000000000000000000		The state of the s			6	- Anna Carlo	
				No.	- Constitution of the Cons		Particular solutions		Constant of the Constant of th	Bernald State Stat	
	-				Appendix of the same	-	1	1 2	7	and the second	
	die ferenantie	- Company			Three-Truck)			8.5	or and the second	7	1. 2. 6-11 25.
					-			0,	8	SM	Mey Silty sand, damp
	The second second							900 PER			
	-				-				9		
						and a second	designation	Eleta contractor			
	l		Townson.			A CONTRACTOR OF THE CONTRACTOR	1		10		

BORING LOG and DAILY, xls 1st Page Boring No. 7 Page 1 of 2 Pages

рерти	NUMBER	TYPE	BLOWS/6 in	IN. DRIVEN	IN REC'VD	CONDITION	POCKET PEN. (taf)		TIME	DEPTH (FEET)	USCS SYMBOL/ GRAPHIC LOG	PROJECT NAME/NUMBER 1417-2091 12/30/14 B 7 SOIL DESCRIPTION (type, density/consistency, moisture, color, trace)
								71	55.6	11	WS	Grey dense, silty sand, podor
				The state of the s				Section 1	10:15	13	24	Light Grey, dense, damp, podov
										15	Sp	
女山 李二	B76WB7-17	140 Soil					200 (100 miles)		4:300.35	17 18		light Grey, compacted Sand, moist Podor, Soil Sample taken Refusal, HzO/Mnd Encountered GW recharge X2hrs HsO Sampled
								STORY STREET,		19		
								44		20		
					·Z.					22		
				art materials (control to the control to the contro	mananar and a service of the service					24		
AND ADDRESS OF THE PERSON NAMED OF THE PERSON		****								26		
		- 0.000 (managed)		eneral type ACES (SET efficient files Aces						27		
									-	29 30		

		7	2
BORING LOG and DAILY xis 10-30	Boring No	_/	Page 2 of Pages

10000
5
Sp
Brown Silty Sand, dry, podov clense

BORING LOG and DAILY, xls 1st Page Boring No. Page 1 of Pages

AP O	F BO	RING	LOCA	TION		TOP NO.			-		PROJECT NAME/NUMBER BORING NUMBER
											1412-2091 39
				-					A		LOGGEO BY NBC PROJECT MANAGES
		1							T		DRILLING CONTRACTOR HOLOGENE DRILL RIG LAR
									1	_	Geoprobe Cliscrete Soil
									11		BORING DIAMETER 2" HAMMER TYPE
						6	B97		1		DERVING HAMMER DEPTH (Kely Bar): WEIGHT: DROP HEIGHT:
		1					01		[V		RING SAMPLER TYPE INCHES O.D.: DRIVEN:
											GROUNDWATER MEASUREMENT
											METHOD: WATER DEPTH/TIME: 12,5 f4/3;45
how i	north	атож	, distar	ces to	landma	rk)					START: 2:40 FINISH: 3:45 DOWNTINE
	970					- Company			-		BACKERL METHOD
_	ER			,	NCHES RECOVERED	SAMPLE CONDITION	rst)		and the same	of succession	BENTONITE / CONCINE
EPT	NUMB	YPE	E	RIVE	ECOV	QNO	EN.		ET)	180L	12/30/15 Concrete
SAMPLE DEPTH	SAMPLE NUMBER	SAMPLETYPE	BLOWS/6 in	NCHES DRIVEN	(ES R	PLEC	POCKET PEN. (tsf)		БЕРТН (РВЕТ)	USCS SYMBOL/ GRAPHIC LOG	SOIL DESCRIPTION
SAM	SAM	SAM	91,0	NCH	INCH	SAM	200	TIME	DEP	GRA	(type, density/consistency, moisture, color, trace)
				777				2			Concrete foundation
						differential property of the control		3.6	1		Concrete foundation ~ 4" Mick - inside Bldg
										The state of the s	
									2	- Commonweal	A STATE OF THE STA
- Long-	-			- 27						-	
	out out of								3		
Ť					200			6	1		
								2150		15	Removed College Cond dres de aduc
		MITTER	-					1 0	4	NS	Brown Silty sand, dry, & odor Pense
		N	-		1	Total Assessment		1000			CVSE
+						_			5		
										-	
				TO THE PERSON NAMED IN COLUMN	-				6	and American	
				Ni de la constante de la const					- Constitution of the Cons	4000000	
1		-					1		7	-	
					And			8	THE PARTY AND ADDRESS OF THE PARTY AND ADDRESS		
								ષિ	8	Z	compacted Grey Sandy Sitt, mois
CALCADOR SELECT					Victoria de la constanta de la		-	administration receipts		19	Ø oder
	-							and the state of t	9		44
T	10	7						1 4		_	compacted Grey silty sand, moist
10	82	30	and the same of th			Charles and the control of the contr		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	10	25	sample soil taken, of odor
FOF	84-10	Soi/						3.75	8	SM SM	Compacted Grey sawly Sitt Bodger compacted Grey silty sand, n sample soit taken, dod

BORING LOG and DAILY,xis 1st Page Boring No. 9 Page 1 of 2 Pages

рерти	NUMBER	TYPE	BLOWS/6 In	IN. DRIVEN	IN. REC'VD	CONDITION	POCKET PEN. (tef)			TIME	ОЕРТН (FEET)	USCS SYMBOL/ GRAPHIC LOG	PROJECT NAME/NUMBER 1 1 1 2 - 209 (
									1	Ø	11		
17.5	BRGW	4,0							0	いかいゆ	12	ws	Gray compacted sitty and, moist, dodor Gw Sample tecken; encountered and of Boring
											14		11111111111111111111111111111111111111
							CONTRACTOR OF THE PROPERTY OF		Mary Control		15		
									CONTROL CONTRO	and the second second	16		
					-				days a service	-	17		
-									Militaria Baucharyan		18		
											19		***************************************
											20		
								and the same of th	Ad An illinoise contractive may be		22		**************************************
							-		B ST ST AN AD	TO THE OWNER WHEN THE	23		
											24		G887 (
-							2000	and the second	a la constant		25		***************************************
of saller process									DOTT STATE OF THE PARTY OF THE	Tathgrounds declaration	26		
	1	10000						+	(All the livery)	THE REAL PROPERTY.	27		
			A Commence of the Commence of		-						28		A STATE OF THE STA
		***************************************					A THE PERSON NAMED IN	Machinia statistica		*********	30		

BORING LOG and DAILY xls 10-30 Boring No. Page 2 of Pages

MAP	OF BO	RING	LOCA	TION								PROJECT NAME/NUMBER BORING NUMBER
												1412-7091 810
												LOGGED BY ASC PROJECT MANAGER ASC
		-							0			PRILLING CONTRACTOR HOLOGENE PRILLRIG LAR
												Geoprobe discrete soil
												BORING DIAMETER HANMER TYPE
		0	B-1	10								GRIVING HAMMER DEPTH (Kely Bar): WEIGHT: DROP HEIGHT:
									N	ŀ		RING SAMPLER TYPE O.D.: I.D.: INCHES ORIVEN: GROUNDWATER MEASUREMENT
												METHOD: WATER DEPTH/TIME: WA
(Shov	y north	arrow	, distar	nces to l	landma	irk)	1		1			START: 4:30 FINISH: 5:// DOWNTIME
					e.	Z	and the second				404000000	BACKERI METHOD Benjowto/conorete
SAMPLE DEPTH	SAMPLE NUMBER	TYPE	6 in	DRIVEN	NCHES RECOVERED	SAMPLE CONDITION	POCKET PEN. (1sf)			FEET)	WBOL/	SURFACE SURFACE CONDITION
SAMPLE	SAMPLE	SAMPLETYPE	BLOWS/6 in	NCHES DRIVEN	INCHES	SAMPLE	POCKET		TIME	рертн (Рест)	USCS SYMBOLZ GRAPHIC LOG	SOIL DESCRIPTION (type, density/consistency, moisture, color, trace)
								on the state of th	2.5			concrete - 8" thick foundation, inside bldg
									2.	1		foundation, inside olda
				ACLES OF THE PERSON NAMED IN			A CONTRACTOR OF THE PARTY OF TH		-	and the same of th	40	J
										2	-	
										3		100 Telephone
						-	And the second		24.7			
				福					2,	4	3	Dense, Light grey, sandy silt
								Comments of the Comments of th		Ī	14	dry, & odor
										5		, ,
						School Services						
_							<u> </u>			6	- Period	70/44/98
华	7	1		7000					10		Approximate	
1	B	2							30	7	2	Grey Sandy Sitt Compacted, chry REFUSAL; Sample torken dodou
					and the second		Signament (inc)			- Australia	9	REFUSAL, Sample taken dodov
					Contract of the Contract of th					8	1	
	The same of				Carried Control				On the service			
										9		
			No.		Control of the Contro	The same of		d investor	Bassa Maria			
		y .				or and the same of		The second		10		

BORING LOG and DAILY, xls 1st Page Boring No. 10 Page 1 of 1 Pages

MAP	OF BO	RING	LOCA	TION					1			PROJECT NAME/NUMBER H12-2091 B11 LOGGEO BY M3C PROJECT MANAGER BORING NUMBER PROJECT MANAGER BC
		1										DRILLING CONTRACTOR HOLOCOPE DAIL RIG LAR DRILLING METHOD GEOPROBE BORNG DIAMETER 2 HAMMER TYPE
		1					6	BII	N			DERVING HAMMER DEPTH (Kelly Bar): WEIGHT: DROP HEIGHT: RING SAMPLER TYPE
Shov	y north	апож	distan	eces to l	andma	nrk)						O.D.: I.D.: INCHES DRIVEN: GROUNDWATER MEASUREMENT METHOD: WATER DEPTH / TIME: DRIEL TIME ORIEL TIME
											And the control of th	START: 5:30 FINISH: 6:35 DOWNTIME BACKERL METHOD bentoute/concrete
SAMPLE DEPTH	SAMPLE NUMBER	SAMPLETYPE	BLOWS/6 in	NCHES DRIVEN	NCHES RECOVERED	SAMPLE CONDITION	POCKET PEN. (tsf)		TIME	рертн (Рест)	USCS SYMBOL/ GRAPHIC LOG	12/30/15 SURFACE SURFACE CONDITION CONCrete: SOIL DESCRIPTION
S	S	/S	160	Z	Z	8/	24	W (1)	\$ \frac{1}{2}	1	55	(type, density/consistency, moisture, color, trace) 6 Concrete foundation inside building
					场作				3.	2	and the control of th	
					·				2	3		:
									5:40	4	5	Brown Loarny sand, damp
						Anna Front Del Populario				5	(ST) (ST) (ST) (ST) (ST) (ST) (ST) (ST)	
										7	A removation that the control of the	
									6:10	8	SC	Brown clayey sand, moist
10/4	21-11-2	3011							6.25	9	SM	Grey sands silt, wet, & odor, i Soil Sample taken

BORING LOG and DAILY,xls 1st Page Boring No. Page 1 of 7 Pages

1 9 ---

DЕРТН	NUMBER	TYPE	BLOWS/6 in	IN. DRIVEN	IN. REC'VD	CONDITION	POCKET PEN. (tsf)		ТимЕ	ОЕРТН (FEET)	USCS SYMBOL/ GRAPHIC LOG	PROJECT NAME/NUMBER YIZ - 2091 230/15 BUT SOIL DESCRIPTION (type, density/consistency, moisture, color, trace)
						ALL LAND AND AND AND AND AND AND AND AND AND			633	11 12	Addition because the second of	Refusal Light Grey silty Sand, Compacka Codor, damp
										14		\$ 550, j (1454)
To the second second								The state of the s		15		
		·								16		
					1					17		
								The second secon		18		
										19	1	
										20		
										21		
No.								St. David		23		
							·			24		NEW 2000 - 1
										25		
										26		
	-					The second		School of the second		27		
						Total State of Spanson				28		
							and the second s	000000000000000000000000000000000000000		29		A CONTRACTOR OF THE CONTRACTOR
										30		

		. 7			
		11	120000000000000000000000000000000000000		7_
BORING LOG and DAILY xls 10-30	Boring No.	61	Page	2	of Pages

MAP	OF BO	DRING	LOCA	MOITA							V	PROJECT NAME/NUMBER BORING NUMBER
												1412-2091 B12
					- 0	12						LOGGED BY AG PROJECT MAYALES
					• B	10			A			DRILLING CONTRACTOR 1 DRILL RIG 53
									7			Hoocene 33
		_						_	1			BORING DIAMETER HANNER TYPE
									- 1			
												DEPTH (Kelly Ber): WEIGHT: DROP HEIGHT: BING SAMPLER TYPE
									N	ı		O.D.: ID.: INCHES ORIVEN:
									1			GROUNDWATER MEASUREMENT METHOD:
		٦										WATER DEPTH/TIME: 1944/8:27
(Shor	w north	arrow	, dista	nces to	landma	ork)	<u> </u>	I	1	I	-	START: 6 % 5 FINISH: DOWNTIME
					0	7				- The second sec		BACKFRL METHOD BENTONITE / asphalt patch
Ξ	BER			2	INCHES RECOVERED	SAMPLE CONDITION	(ts1)		-		7	DATE SURFACE SURFACE CONDITION ELEVATION
SAMPLE DEPTH	SAMPLE NUMBER	SAMPLETYPE	E I	NCHES DRIVEN	RECO	CON	POCKET PEN. (tsf)		-	EET)	USCS SYMBOL/ GRAPHIC LOG	2/25/15 pavement.
MPLE	MPLE	MPLE	BLOWS/6 in	HES	HES	APLE	CKET		8	DEPTH (FEET)	SSY	SOIL DESCRIPTION
SA	SA	SAS	910	2	N N	SAI	8		TIME	DE .	S S	(type, density/consistency, moisture, color, trace)
									3805			a verage condition
								8	83	1		d verage condition
										-	- Control of Control	
					100					2	oto colognica pro-	
		77										
		#1001# #500# #1001# #500#					en artistante			3		
				25					0		1	The second secon
				1	direction of the last				8:10	4	3	Brown gravelly sand damin
									10	7	3	Brown gravelly sand, damp
						TOTAL STREET			and the same of th		١.	
										5	and the same of th	
		-		and the same of th	-	1		***		6	- Commence of the Commence of	
		distribution and the second					Constitute and consti			7	THE COLUMN TWO IS NOT	
									16		out of the	
	- Contractor	100000000000000000000000000000000000000			MATHEMATINE AND				8:15	8	3	light brown silty sand, maist
									V		3	and of salar
							-	-	and the same of th	0		4 000
							-			9	1	
								The state of the s	District of the Control of the Contr	10		
-						1			لسل	10	<u> </u>	

BORING LOG and DAILY, xls 1st Page Boring No. 12 Page 1 of 2 Pages

firm

DEPTH	NUMBER	TYPE	BLOWS/6 in	IN. DRIVEN	IN. REG'VD	CONDITION	POCKET PEN.	a version (MV) (All Commerces	ТМЕ	DEPTH (FEET)	USCS SYMBOL/ GRAPHIC LOG	PROJECT NAME/NUMBER UTC - 2091 2/25/5 B12 SOIL DESCRIPTION (type, density/consistency, moisture, color, trace)
									220	11 12 13	SM	light brown silty sand g odor, most
						The second secon				14		
16.54	82-16	Sei/							25.35	15	SW	light brown, sittly sand w/grave
								The second secon	6.53	18		Encountered groundwater
									4	20	by S	End of Boring
								Wilderson Constitution of the Constitution of	A CALLEGE CONTRACTOR C	22	5	ena ej por moj
			/5 88							23		SECOND CO.
								Photolophic parameters		25		
10000										26		
										28		
					-		A STATE OF THE OWNER OW	00000		29		
Openior									***************************************	30		

BORING LOG and DAILY als 10-30 Boring No. Page 2 of Pages

MAP	OF BO	ORING	LOCA	MOLTA		7.5			No.		PROJECT NAME/NUMBER	BORING NUMBER
Theforesterosisper	-	West-Mys		194 (1950)	• B	3					1412-2091	8/3
											LOGGED BY NBC	PROJECT MANAGERS C
								4			ORILLING CONTRACTOR FOLOGENE	DRILL RIG 53
											LICE ASA	SS SYNDRAG METHODISTIS
											BORING DIAMETER	HAMMER TYPE
											DEPTH (Kelly Bar): WEIGHT:	DROP HEIGHT:
											Q.D.: I.D.:	INCHES DRIVEN:
		4						N			SROUNDWATER MEASUREMENT METHOD: WATER DEPTH/TIME: 16 ft	19:40
(Sho	w north	аггом	, dista	nces to	landma	ork)	1			***	START: 0920 FINISH: 9'45	
_	ER	Che			ERED	NOT	(Je			and an analysis and a	BACKERL METHOD ONVEYT TO DATE SURFACE	mon toning Well#
SAMPLE DEPTH	SAMPLE NUMBER	SAMPLETYPE	S/6 in	NCHES DRIVEN	NCHES RECOVERED	SAMPLE CONDITION	POCKET PEN. (1sf)		DEPTH (FEET)	USCS SYMBOL/ GRAPHIC LOG	2/25/15 ELEVATION	pavement:
SAMP	SAMP	SAMP	BLOWS/8 in	NCHE	INCHE	SAMPL	POCKE	TIME	DEPTH	GRAPH		SCRIPTION ncy, moisture, color, trace)
			office proof and design and and	- Control of the Cont			Tri-range (control or control	0720	1		3" Paveme	nt asphalt
							i i i i i i i i i i i i i i i i i i i	922		20	3 mall cobble,	pebbles, moist
					-3			262	2	9		2000
								M25-0924-0822	3	3	gravelly san	d, brown, moist
								0%2.5	4		Brown silty	sand
									-	SM	and gravel,	d, brown, most podor sand moist, podor
									5	-		
									6	Contract Protection		
31-35									7	All hardend decing on	1141217234413344334434443463707022224330004554	
						Mark Carp Charles		8.	8	Ę	Brown Dense	e, silty sand
								The control of the co	9	7	clamp, & ou	lov
									10			

рерти	NUMBER	TYPE	BLOWS/6 in	IN. DRIVEN	IN. REC'VD	CONDITION	POCKET PEN, (test)	ТМЕ	DEPTH (FEET)	USCS SYMBOL/ GRAPHIC LOG	PROJECT NAME/NUMBER 1412 - 2891 SOIL DESCRIPTION (type, density/consistency, moisture, color, trace)
					100			3%	11	5W	light brown sandy ST/t w/growel, & odor, moist
1454	813-14	567(25.50	13	S/M	light brown, dense silty, godo, sand, very moist, godo,
104	B/3-GW	1/20					Professional Control	8/10	15		OW Encountered & Sampled
					And the second s	And the second s			17		
								843	18	GM	End of boring godor
				PAGE TO THE PAGE T		100 mm mm mm m m m m m m m m m m m m m m			20		
									22	and the state of t	
						ON THE PROPERTY OF THE PROPERT			23		NESSCO (1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
							The state of the s		25		
									27	and decreased that is the following resource or the first of the first	
					**************************************				28		
					STATE OF THE PARTY		Professional and August Professional August Professiona August Professiona August Prof		30		

BORING LOG and DAILY xls 10-30 Boring No. 13 Page 2 of 2 Pages

MONITORING WE	LL REPORT	B1 - MW1	Wel.	ID# BIP-1	19		
(1) OWNER/PROJECT Name Welles Rinnin Address 800 Bellevue City Bellevue (2) TYPE OF WORK	g Company Way NE,	NO	(6) LOCATION County Pierce Township 20 N	OF WELL By leg	gal description Longit 3 E (E or W).	:	33
✓ New construction ☐ Conversion	Alteration (Repair	r/Recondition)	Tax lot number of w	rell location			
(3) DRILLING METHO. Rotary Air Hollow Stein Auger	Rotary Mud	☐ Cable		ATER LEVEL: t. below land surface. 	Date		
(4) BORE HOLE CONS' Special Standards Yes No		Well 18 ft	` '	ARING ZONES:			
· LIV	Debut of Combicien	h	P	To	Est. Flow Rat	te	SWL
Vault 🖟			From	10			
Special Standards		_ Water-tight cover	ļ				
	Ę	•					$\neg \neg$
д то [5]		- Surface flush vault					
	*	Locking cap					
79.9		Casing diameter	L				
200	11119 0 3 3 A	Material PVC	(9) WELL LOC	} :			
5,0		Welded Threaded Glued	Gr	ound Elevation			
655	11111	Weiller Timedox Gran	<u> </u>	Material	From	То	SWL
727	111112037						
Seal Seal	0.0		Dense, asa	relly sand	0	18	
1_		77-11 61.	00100	011 / 000.00			
ft. TO TO	90.9C	Well Seal:					-
TO ESSE	111112000	Material Bentonite				Ī	\neg
12		Amount Chips			_	 	
							-
08.5	08.5	Grout weight				 	
						 	+
2						 	
220	111112 050	Borehole diameter:			<u> </u>	 	
		-9 in from 0 ft to 18 ft.				}	
30.6	20 G	in. from ft. to ft.				 	
0.50	0.00					 	
Filter	823	Bentonite plug at least 3 ft. thick				ļ	
pack See	1000	Screen:		·		<u></u>	
17 820d E	0.000	Material PVC					
10 h 100 m	8460.9	From 13 A to 18					
TO DOING . E	10000	Slot size 20 slot					
15	808	Sion sizeh.					
	3.00	Filter pack:		20 1// 5	npleted 12 - Z	20 - 1	11
	72.0	Material Colorado Sand	Date started 12-	29-14 Con	npleted 12-2	<u>. 4 - / · </u>	<u> </u>
7836	2000	1-1					
600	10.000	SEE 10/60	VELL CONSTRU	JOTION CERTIFIC	ATION:	أصحم السيد	1 14 m
			constructed and/o	r accept responsibility fo Washington well constr	r construction of this rection standards. M	aterials u:	sed
(5) WELL TESTS:		THE CO. America	and the information	reported above are true	to my best knowledg	ge and bel	lief.
Pump Baile	_	☐ Flowing Artesian		. ^ .		א וגרנ	a
Permeability		GPM	lype or Print Name	Javid Hucke		or the	-1
Conductivity	PH		Trainee Name		License No.		
Temperature of water		rtesian flow foundft.	Orillan Camaaaa	Holocene Drill	icalta		
Was water analysis done?	Yes No		Drilling Company	MUCCOL OIT	m 2 nr	201	<u> </u>
By whom?			(Signed)	O Jewlood	License No.	0.40	Д
Depth of strata to be analyze	d. From	ft. toft.	11/10	102001 Diec (Purillup li		
Remarks:			Address 1143	0010 1000	WO I		
			Registration No.	40L0CDI044K	H Date		

Name Of Supervising Geologist/Engineer

MONITORING WELL REPORT B13 - MW4	Well I	D# BIQ - 7	710 2		
(1) OWNER/PROJECT WELL NO. Name Welles Rinning Company Address 800 Bellevue Way NE, Suite 400 City Bellevue State WA Zip 98004	(6) LOCATION County Pierce Township ZON	OF WELL By lega Latitude (N or S) Range 3 of 5W 1/4 o	l description: Longitu E (E or W) Se	de	?3
(2) TYPE OF WORK ✓ New construction	Tax lot number of we	II location	•		
(3) DRILLING METHOD Rotary Air Rotary Mud Cable Hollow Stein Auger Other	Artesian Pressure	below land surface.	Date		
(4) BORE HOLE CONSTRUCTION: Yes No Special Standards T. T. Depth of Completed Well 19		ARING ZONES: was first found		···	
Special Standards Depth of Completed Well 19 ft.	From	То	Est. Flow Rate	:	SWL
O Special Standards Water-tight cover					
Locking cap					
Casing diameter Material PVC Welded Threaded Glued	(9) WELL LOG	; ound Elevation			
		Material	From	То	SWL
Seal 1 ft. 70 general Rentante 13 ft. 70 general Rentante Amount Chips Grout weight		ds and gravels		19	
Filter pack: 13 ft. 13 ft. 14 ft. to 19 ft. 15 ft. 16 ft. 17 ft. 18 ft. 19 ft. 19 ft. 10 ft. 10 ft. 10 ft. 10 ft. 10 ft. 11 ft. 12 ft. 13 ft. 14 ft. to 19 ft. 15 ft. 16 ft. 17 ft. 18 ft. 18 ft. 19 ft. 19 ft. 10 ft. 11 ft. 12 ft. 13 ft. 14 ft. to 19					
19 TO Slot size 20310t in Filter pack: Material Colorado Saro GRAG Size 10/20				5-15	
(5) WELL TESTS: Pump Bailer Air Elowing Artesian Permeability Yield GPM Conductivity BH Temperature of water OF/C Depth artesian flow found ft. Was water analysis done?	I constructed and/or compliance with all	CTION CERTIFICA accept responsibility for c Washington well construct reported above are true to Oddy Gilschh OLOCINE SAIL	onstruction of this vition standards. Mat	terials use	3 0
By whom'? Depth of strata to be analyzed. From ft. to ft. Remarks: Name of Supervising Geologist/Engineer	(Signed) 747 Address 11412 Registration No. H	bend are F. OLICDIO44kt	License No. Puyaluf, U Poate	3119 Va. 98	313

APPENDIX C WELL SURVEY REPORTS





GRAPHIC SCALE 50 0 25 1 inch = 50 ft.

BASIS OF BEARINGS

WASHINGTON STATE PLANE COORDINATE SYSTEM, NORTH AMERICAN DATUM 83/91 HOLDING CITY OF TACOMA MONUMENT NUMBERS 103 & 104

MW - NEW
N 677336.821
E 1159698.863
ELEV = 385.70

(W)

MW - B3 N 677271.062 E 1159693.393 ELEV = 386.99

> MW - B6 ______W N 677201.538 E 1159798.174 ELEV = 387.59

MW - B1 N 677130.910 E 1159584.873 ELEV = 387.07

SITE ADDRESS

9201 PACIFIC AVENUE TACOMA, WA 98444

ELEVATION DATUM

NORTH AMERICAN VERTICAL DATUM 1988 BENCHMARK: CASED MONUMENT AT INTX. OF S. 96TH ST. & PACIFIC AVE.

ELEVATION = 382.82

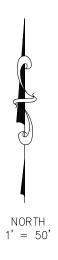


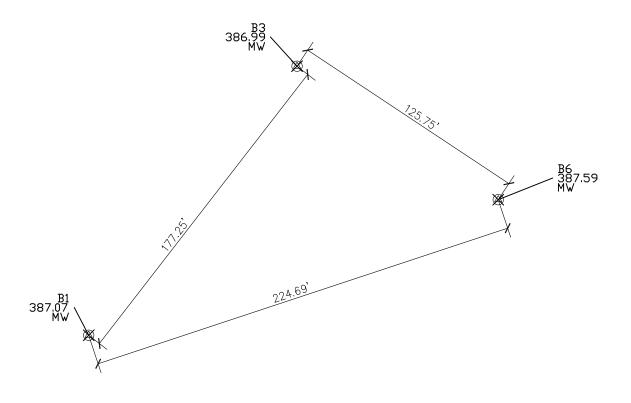
SURVEYING INC. P. O. BOX 110700 TACOMA WA. 98411

OFFICE 253-404-0983 FAX 253-404-0984

CONSTRUCTION LAYOUT - BOUNDARY AND TOPOGRAPHIC SURVEYS

JOB NO. 2015-035





SITE: 9201 PACIFIC AVE TACOMA, WA 98444

SURVEY DATE: JAN. 07, 2015

DATUM NOTE:

HORIZONTAL DATUM: WASHINGTON STATE PLANE COORDINATE SYSTEM, NAD 83/11, SOUTH ZONE WSDOT SURVEY MONUMENT:

VERTICAL DATUM:

DESIGNATION HC27-18

NAVD 88
MONUMENT IN CASE, INTERSECTION OF PACIFIC AVE & S. 96TH ST.
NAIL IN CONCRETE, ±0.80' BELOW SURFACE GRADE
PUBLISHED ELEV: 382.82' (ESTABLISHED BY DIRECT GNSS OBSERVATION)



MONITORING WELL	NORTHING (NAD 83/11)	EASTING (NAD 83/11)	ELEVATION (NAVD 88)	DESCRIPTION
B1	677130.9104	1159584.873	387.067	MW
В3	677271.0624	1159693.393	386.987	MW
В6	677201.5379	1159798.174	387.593	MW

APPENDIX D

LABORATORY REPORTS WITH CHAIN-OF-CUSTODY DOCUMENTATION





14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

January 9, 2015

Nels Cone Anderson Environmental 5261 W. Imperial Highway Los Angeles, CA 90045

Re: Analytical Data for Project 1412-2091

Laboratory Reference No. 1412-299

Dear Nels:

Enclosed are the analytical results and associated quality control data for samples submitted on December 31, 2014.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister Project Manager

Enclosures

Laboratory Reference: 1412-299

Project: 1412-2091

Case Narrative

Samples were collected on December 29, 2014 and received by the laboratory on December 31, 2014. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Volatiles EPA 8260C (soils) Analysis

Per EPA Method 5035A, samples were received by the laboratory in pre-weighed 40 mL VOA vials within 48 hours of sample collection. They were stored in a freezer at between -7°C and -20°C until extraction or analysis.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Laboratory Reference: 1412-299

Project: 1412-2091

VOLATILES EPA 8260C page 1 of 2

Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	B1-2091-12					
Laboratory ID:	12-299-01					
Dichlorodifluoromethane	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
Chloromethane	ND	0.0056	EPA 8260C	12-31-14	12-31-14	
Vinyl Chloride	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
Bromomethane	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
Chloroethane	ND	0.0056	EPA 8260C	12-31-14	12-31-14	
Trichlorofluoromethane	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
1,1-Dichloroethene	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
Acetone	0.011	0.0056	EPA 8260C	12-31-14	12-31-14	Υ
lodomethane	ND	0.0056	EPA 8260C	12-31-14	12-31-14	
Carbon Disulfide	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
Methylene Chloride	ND	0.0056	EPA 8260C	12-31-14	12-31-14	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
1,1-Dichloroethane	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
Vinyl Acetate	ND	0.0056	EPA 8260C	12-31-14	12-31-14	
2,2-Dichloropropane	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
2-Butanone	ND	0.0056	EPA 8260C	12-31-14	12-31-14	
Bromochloromethane	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
Chloroform	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
Carbon Tetrachloride	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
1,1-Dichloropropene	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
Benzene	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
1,2-Dichloroethane	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
Trichloroethene	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
1,2-Dichloropropane	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
Dibromomethane	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
Bromodichloromethane	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
2-Chloroethyl Vinyl Ether	ND	0.0056	EPA 8260C	12-31-14	12-31-14	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
Methyl Isobutyl Ketone	ND	0.0056	EPA 8260C	12-31-14	12-31-14	
Toluene	ND	0.0056	EPA 8260C	12-31-14	12-31-14	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	12-31-14	12-31-14	

Laboratory Reference: 1412-299

Project: 1412-2091

VOLATILES EPA 8260C

page 2 of 2

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	B1-2091-12					
Laboratory ID:	12-299-01					
1,1,2-Trichloroethane	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
Tetrachloroethene	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
1,3-Dichloropropane	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
2-Hexanone	ND	0.0056	EPA 8260C	12-31-14	12-31-14	
Dibromochloromethane	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
1,2-Dibromoethane	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
Chlorobenzene	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
Ethylbenzene	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
m,p-Xylene	ND	0.0022	EPA 8260C	12-31-14	12-31-14	
o-Xylene	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
Styrene	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
Bromoform	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
Isopropylbenzene	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
Bromobenzene	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
1,2,3-Trichloropropane	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
n-Propylbenzene	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
2-Chlorotoluene	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
4-Chlorotoluene	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
1,3,5-Trimethylbenzene	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
tert-Butylbenzene	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
1,2,4-Trimethylbenzene	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
sec-Butylbenzene	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
1,3-Dichlorobenzene	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
p-Isopropyltoluene	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
1,4-Dichlorobenzene	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
1,2-Dichlorobenzene	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
n-Butylbenzene	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
1,2-Dibromo-3-chloropropane	ND	0.0056	EPA 8260C	12-31-14	12-31-14	
1,2,4-Trichlorobenzene	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
Hexachlorobutadiene	ND	0.0056	EPA 8260C	12-31-14	12-31-14	
Naphthalene	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
1,2,3-Trichlorobenzene	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	111	76-131				
Toluene-d8	107	82-129				
4. Duamanth sauch aumana	400	70.400				

4-Bromofluorobenzene 108 79-126

Laboratory Reference: 1412-299

Project: 1412-2091

VOLATILES EPA 8260C page 1 of 2

Matrix: Soil Units: mg/kg

Analyte				Date	Date	
	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	B2-2091-14					
Laboratory ID:	12-299-03					
Dichlorodifluoromethane	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
Chloromethane	ND	0.0063	EPA 8260C	12-31-14	12-31-14	
Vinyl Chloride	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
Bromomethane	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
Chloroethane	ND	0.0063	EPA 8260C	12-31-14	12-31-14	
Trichlorofluoromethane	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
1,1-Dichloroethene	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
Acetone	ND	0.0063	EPA 8260C	12-31-14	12-31-14	
lodomethane	ND	0.0063	EPA 8260C	12-31-14	12-31-14	
Carbon Disulfide	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
Methylene Chloride	ND	0.0063	EPA 8260C	12-31-14	12-31-14	
(trans) 1,2-Dichloroethene	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
Methyl t-Butyl Ether	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
1,1-Dichloroethane	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
Vinyl Acetate	ND	0.0063	EPA 8260C	12-31-14	12-31-14	
2,2-Dichloropropane	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
(cis) 1,2-Dichloroethene	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
2-Butanone	ND	0.0063	EPA 8260C	12-31-14	12-31-14	
Bromochloromethane	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
Chloroform	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
1,1,1-Trichloroethane	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
Carbon Tetrachloride	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
1,1-Dichloropropene	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
Benzene	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
1,2-Dichloroethane	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
Trichloroethene	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
1,2-Dichloropropane	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
Dibromomethane	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
Bromodichloromethane	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
2-Chloroethyl Vinyl Ether	ND	0.0063	EPA 8260C	12-31-14	12-31-14	
(cis) 1,3-Dichloropropene	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
Methyl Isobutyl Ketone	ND	0.0063	EPA 8260C	12-31-14	12-31-14	
Toluene	ND	0.0063	EPA 8260C	12-31-14	12-31-14	
(trans) 1,3-Dichloropropene	ND	0.0013	EPA 8260C	12-31-14	12-31-14	

Laboratory Reference: 1412-299

Project: 1412-2091

VOLATILES EPA 8260C

page 2 of 2

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	B2-2091-14					
Laboratory ID:	12-299-03					
1,1,2-Trichloroethane	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
Tetrachloroethene	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
1,3-Dichloropropane	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
2-Hexanone	ND	0.0063	EPA 8260C	12-31-14	12-31-14	
Dibromochloromethane	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
1,2-Dibromoethane	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
Chlorobenzene	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
1,1,1,2-Tetrachloroethane	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
Ethylbenzene	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
m,p-Xylene	ND	0.0025	EPA 8260C	12-31-14	12-31-14	
o-Xylene	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
Styrene	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
Bromoform	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
Isopropylbenzene	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
Bromobenzene	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
1,1,2,2-Tetrachloroethane	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
1,2,3-Trichloropropane	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
n-Propylbenzene	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
2-Chlorotoluene	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
4-Chlorotoluene	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
1,3,5-Trimethylbenzene	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
ert-Butylbenzene	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
1,2,4-Trimethylbenzene	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
sec-Butylbenzene	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
1,3-Dichlorobenzene	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
o-Isopropyltoluene	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
1,4-Dichlorobenzene	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
1,2-Dichlorobenzene	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
n-Butylbenzene	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
1,2-Dibromo-3-chloropropane	ND	0.0063	EPA 8260C	12-31-14	12-31-14	
1,2,4-Trichlorobenzene	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
Hexachlorobutadiene	ND	0.0063	EPA 8260C	12-31-14	12-31-14	
Naphthalene	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
1,2,3-Trichlorobenzene	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	100	76-131				
Toluene-d8	97	82-129				
4 Dyomosti voyobonens	100	70 400				

4-Bromofluorobenzene 100 79-126

Laboratory Reference: 1412-299

Project: 1412-2091

VOLATILES EPA 8260C page 1 of 2

Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	B3-2091-13					
Laboratory ID:	12-299-04					
Dichlorodifluoromethane	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Chloromethane	ND	0.0058	EPA 8260C	12-31-14	12-31-14	
Vinyl Chloride	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Bromomethane	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Chloroethane	ND	0.0058	EPA 8260C	12-31-14	12-31-14	
Trichlorofluoromethane	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
1,1-Dichloroethene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Acetone	ND	0.0058	EPA 8260C	12-31-14	12-31-14	
lodomethane	ND	0.0058	EPA 8260C	12-31-14	12-31-14	
Carbon Disulfide	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Methylene Chloride	ND	0.0058	EPA 8260C	12-31-14	12-31-14	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Methyl t-Butyl Ether	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
1,1-Dichloroethane	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Vinyl Acetate	ND	0.0058	EPA 8260C	12-31-14	12-31-14	
2,2-Dichloropropane	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
(cis) 1,2-Dichloroethene	0.0019	0.0012	EPA 8260C	12-31-14	12-31-14	
2-Butanone	ND	0.0058	EPA 8260C	12-31-14	12-31-14	
Bromochloromethane	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Chloroform	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
1,1,1-Trichloroethane	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Carbon Tetrachloride	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
1,1-Dichloropropene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Benzene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
1,2-Dichloroethane	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Trichloroethene	0.0015	0.0012	EPA 8260C	12-31-14	12-31-14	
1,2-Dichloropropane	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Dibromomethane	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Bromodichloromethane	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
2-Chloroethyl Vinyl Ether	ND	0.0058	EPA 8260C	12-31-14	12-31-14	
(cis) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Methyl Isobutyl Ketone	ND	0.0058	EPA 8260C	12-31-14	12-31-14	
Toluene	ND	0.0058	EPA 8260C	12-31-14	12-31-14	
(trans) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	

Laboratory Reference: 1412-299

Project: 1412-2091

VOLATILES EPA 8260C

page 2 of 2

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	B3-2091-13					
Laboratory ID:	12-299-04					
1,1,2-Trichloroethane	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Tetrachloroethene	0.0091	0.0012	EPA 8260C	12-31-14	12-31-14	
1,3-Dichloropropane	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
2-Hexanone	ND	0.0058	EPA 8260C	12-31-14	12-31-14	
Dibromochloromethane	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
1,2-Dibromoethane	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Chlorobenzene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
1,1,1,2-Tetrachloroethane	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Ethylbenzene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
n,p-Xylene	ND	0.0023	EPA 8260C	12-31-14	12-31-14	
o-Xylene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Styrene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
- Bromoform	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
sopropylbenzene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Bromobenzene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
1,1,2,2-Tetrachloroethane	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
1,2,3-Trichloropropane	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
n-Propylbenzene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
2-Chlorotoluene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
4-Chlorotoluene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
1,3,5-Trimethylbenzene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
ert-Butylbenzene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
1,2,4-Trimethylbenzene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
sec-Butylbenzene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
1,3-Dichlorobenzene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
p-Isopropyltoluene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
1,4-Dichlorobenzene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
1,2-Dichlorobenzene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
n-Butylbenzene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
1,2-Dibromo-3-chloropropane		0.0058	EPA 8260C	12-31-14	12-31-14	
1,2,4-Trichlorobenzene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
-lexachlorobutadiene	ND	0.0058	EPA 8260C	12-31-14	12-31-14	
Naphthalene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
1,2,3-Trichlorobenzene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	110	76-131				
Toluene-d8	107	82-129				
4-Bromofluorobenzene	110	79-126				
. 5. 5.11611461 0501120110	, 10	10 120				

Laboratory Reference: 1412-299

Project: 1412-2091

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	B4-2091-14					
Laboratory ID:	12-299-06					
Dichlorodifluoromethane	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
Chloromethane	ND	0.0053	EPA 8260C	12-31-14	12-31-14	
Vinyl Chloride	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
Bromomethane	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
Chloroethane	ND	0.0053	EPA 8260C	12-31-14	12-31-14	
Trichlorofluoromethane	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
1,1-Dichloroethene	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
Acetone	ND	0.0053	EPA 8260C	12-31-14	12-31-14	
Iodomethane	ND	0.0053	EPA 8260C	12-31-14	12-31-14	
Carbon Disulfide	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
Methylene Chloride	ND	0.0053	EPA 8260C	12-31-14	12-31-14	
(trans) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
Methyl t-Butyl Ether	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
1,1-Dichloroethane	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
Vinyl Acetate	ND	0.0053	EPA 8260C	12-31-14	12-31-14	
2,2-Dichloropropane	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
(cis) 1,2-Dichloroethene	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
2-Butanone	ND	0.0053	EPA 8260C	12-31-14	12-31-14	
Bromochloromethane	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
Chloroform	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
1,1,1-Trichloroethane	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
Carbon Tetrachloride	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
1,1-Dichloropropene	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
Benzene	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
1,2-Dichloroethane	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
Trichloroethene	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
1,2-Dichloropropane	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
Dibromomethane	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
Bromodichloromethane	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
2-Chloroethyl Vinyl Ether	ND	0.0053	EPA 8260C	12-31-14	12-31-14	
(cis) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
Methyl Isobutyl Ketone	ND	0.0053	EPA 8260C	12-31-14	12-31-14	
Toluene	ND	0.0053	EPA 8260C	12-31-14	12-31-14	
(trans) 1,3-Dichloropropene	ND	0.0011	EPA 8260C	12-31-14	12-31-14	

Laboratory Reference: 1412-299

Project: 1412-2091

VOLATILES EPA 8260C

Client ID:					Date	Date	
Laboratory ID: 12-299-06 1,1,2-Trichloroethane ND	Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
1,1,2-Trichloroethane	Client ID:	B4-2091-14					
Tetrachloroethene ND 0.0011 EPA 8260C 12-31-14 12-31-14 1,3-Dichloropropane ND 0.0011 EPA 8260C 12-31-14 12-31-	Laboratory ID:	12-299-06					
1,3-Dichloropropane ND 0.0011 EPA 8260C 12-31-14 12-31-14 2-Hexanone ND 0.0053 EPA 8260C 12-31-14 12-3	1,1,2-Trichloroethane	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
2-Hexanone	Tetrachloroethene	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
Dibromochloromethane	1,3-Dichloropropane	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
1,2-Dibromoethane	2-Hexanone	ND	0.0053	EPA 8260C	12-31-14	12-31-14	
Chlorobenzene ND 0.0011 EPA 8260C 12-31-14 12-31-14 11.1,1.2-Tetrachloroethane ND 0.0011 EPA 8260C 12-31-14 12-	Dibromochloromethane	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
1,1,1,2-Tetrachloroethane	1,2-Dibromoethane	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
Ethylbenzene	Chlorobenzene	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
m.p-Xylene	1,1,1,2-Tetrachloroethane	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
Description	Ethylbenzene	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
Styrene ND 0.0011 EPA 8260C 12-31-14 12-31-	m,p-Xylene	ND	0.0021	EPA 8260C	12-31-14	12-31-14	
Second Form ND 0.0011 EPA 8260C 12-31-14 12	o-Xylene	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
Supropylbenzene ND 0.0011 EPA 8260C 12-31-14 12-31-14 12-31-14 12-31-14 11.2.3	Styrene	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
Second December ND 0.0011 EPA 8260C 12-31-14	Bromoform	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
1,1,2,2-Tetrachloroethane ND 0.0011 EPA 8260C 12-31-14 12-31-14 1,2,3-Trichloropropane ND 0.0011 EPA 8260C 12-31-14 12-31-14 n-Propylbenzene ND 0.0011 EPA 8260C 12-31-14 12-31-14 2-Chlorotoluene ND 0.0011 EPA 8260C 12-31-14 12-31-14 4-Chlorotoluene ND 0.0011 EPA 8260C 12-31-14 12-31-14 1,3-5-Trimethylbenzene ND 0.0011 EPA 8260C 12-31-14 12-31-14 1,2-4-Trimethylbenzene ND 0.0011 EPA 8260C 12-31-14 12-31-14 1,3-Dichlorobenzene ND 0.0011 EPA 8260C 12-31-14 12-31-14 1,3-Dichlorobenzene	Isopropylbenzene	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
1,2,3-Trichloropropane	Bromobenzene	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
ND 0.0011 EPA 8260C 12-31-14 12-31	1,1,2,2-Tetrachloroethane	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
2-Chlorotoluene	1,2,3-Trichloropropane	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
4-Chlorotoluene ND 0.0011 EPA 8260C 12-31-14 12-	n-Propylbenzene	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
1,3,5-Trimethylbenzene ND 0.0011 EPA 8260C 12-31-14 12-31-14 tert-Butylbenzene ND 0.0011 EPA 8260C 12-31-14 12-31-14 1,2,4-Trimethylbenzene ND 0.0011 EPA 8260C 12-31-14 12-31-14 sec-Butylbenzene ND 0.0011 EPA 8260C 12-31-14 12-31-14 1,3-Dichlorobenzene ND 0.0011 EPA 8260C 12-31-14 12-31-14 1,4-Dichlorobenzene ND 0.0011 EPA 8260C 12-31-14 12-31-14 1,2-Dichlorobenzene ND 0.0011 EPA 8260C 12-31-14 12-31-14 1,2-Dichlorobenzene ND 0.0011 EPA 8260C 12-31-14 12-31-14 1,2-Dibromo-3-chloropropane ND 0.0011 EPA 8260C 12-31-14 12-31-14 1,2-Dibromo-3-chloropropane ND 0.0053 EPA 8260C 12-31-14 12-31-14 Hexachlorobutadiene ND 0.0053 EPA 8260C 12-31-14 12-31-14 Naphthalene ND 0.0011 EPA 8260C 12-31-14 12-31-14 1,	2-Chlorotoluene	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
tert-Butylbenzene ND 0.0011 EPA 8260C 12-31-14 1	4-Chlorotoluene	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
ND	1,3,5-Trimethylbenzene	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
1,2,4-Trimethylbenzene	<u>-</u>	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
sec-Butylbenzene ND 0.0011 EPA 8260C 12-31-14 12-31-14 1,3-Dichlorobenzene ND 0.0011 EPA 8260C 12-31-14 12-31-14 p-Isopropyltoluene ND 0.0011 EPA 8260C 12-31-14 12-31-14 1,4-Dichlorobenzene ND 0.0011 EPA 8260C 12-31-14 12-31-14 1,2-Dichlorobenzene ND 0.0011 EPA 8260C 12-31-14 12-31-14 n-Butylbenzene ND 0.0011 EPA 8260C 12-31-14 12-31-14 1,2-Dibromo-3-chloropropane ND 0.0053 EPA 8260C 12-31-14 12-31-14 1,2,4-Trichlorobenzene ND 0.0011 EPA 8260C 12-31-14 12-31-14 Hexachlorobutadiene ND 0.0053 EPA 8260C 12-31-14 12-31-14 Naphthalene ND 0.0011 EPA 8260C 12-31-14 12-31-14 1,2,3-Trichlorobenzene ND 0.0011 EPA 8260C 12-31-14 12-31-14 Surrogate: Percent Recovery		ND					
1,3-Dichlorobenzene ND 0.0011 EPA 8260C 12-31-14 12-31-14 p-Isopropyltoluene ND 0.0011 EPA 8260C 12-31-14 12-31-14 1,4-Dichlorobenzene ND 0.0011 EPA 8260C 12-31-14 12-31-14 1,2-Dichlorobenzene ND 0.0011 EPA 8260C 12-31-14 12-31-14 n-Butylbenzene ND 0.0011 EPA 8260C 12-31-14 12-31-14 1,2-Dibromo-3-chloropropane ND 0.0053 EPA 8260C 12-31-14 12-31-14 1,2,4-Trichlorobenzene ND 0.0011 EPA 8260C 12-31-14 12-31-14 Hexachlorobutadiene ND 0.0053 EPA 8260C 12-31-14 12-31-14 Naphthalene ND 0.0011 EPA 8260C 12-31-14 12-31-14 1,2,3-Trichlorobenzene ND 0.0011 EPA 8260C 12-31-14 12-31-14 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 105 82-129	<u>-</u>	ND	0.0011	EPA 8260C	12-31-14	12-31-14	
De-Isopropyltoluene ND 0.0011 EPA 8260C 12-31-14 12-31		ND			12-31-14		
1,4-Dichlorobenzene ND 0.0011 EPA 8260C 12-31-14 12-31-14 1,2-Dichlorobenzene ND 0.0011 EPA 8260C 12-31-14 12-31-14 n-Butylbenzene ND 0.0011 EPA 8260C 12-31-14 12-31-14 1,2-Dibromo-3-chloropropane ND 0.0053 EPA 8260C 12-31-14 12-31-14 1,2,4-Trichlorobenzene ND 0.0011 EPA 8260C 12-31-14 12-31-14 Hexachlorobutadiene ND 0.0053 EPA 8260C 12-31-14 12-31-14 Naphthalene ND 0.0011 EPA 8260C 12-31-14 12-31-14 1,2,3-Trichlorobenzene ND 0.0011 EPA 8260C 12-31-14 12-31-14 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 110 76-131 Toluene-d8 105 82-129		ND			12-31-14	12-31-14	
1,2-Dichlorobenzene ND 0.0011 EPA 8260C 12-31-14 12-31-14 n-Butylbenzene ND 0.0011 EPA 8260C 12-31-14 12-31-14 1,2-Dibromo-3-chloropropane ND 0.0053 EPA 8260C 12-31-14 12-31-14 1,2,4-Trichlorobenzene ND 0.0011 EPA 8260C 12-31-14 12-31-14 Hexachlorobutadiene ND 0.0053 EPA 8260C 12-31-14 12-31-14 Naphthalene ND 0.0011 EPA 8260C 12-31-14 12-31-14 1,2,3-Trichlorobenzene ND 0.0011 EPA 8260C 12-31-14 12-31-14 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 110 76-131 Toluene-d8 105 82-129		ND			12-31-14	12-31-14	
ND 0.0011 EPA 8260C 12-31-14 12-31-14 12-31-14 1,2-Dibromo-3-chloropropane ND 0.0053 EPA 8260C 12-31-14 12-3		ND	0.0011	EPA 8260C	12-31-14	12-31-14	
1,2-Dibromo-3-chloropropane ND 0.0053 EPA 8260C 12-31-14 12-31-14 1,2,4-Trichlorobenzene ND 0.0011 EPA 8260C 12-31-14 12-31-14 Hexachlorobutadiene ND 0.0053 EPA 8260C 12-31-14 12-31-14 Naphthalene ND 0.0011 EPA 8260C 12-31-14 12-31-14 1,2,3-Trichlorobenzene ND 0.0011 EPA 8260C 12-31-14 12-31-14 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 110 76-131 Toluene-d8 105 82-129						12-31-14	
1,2,4-Trichlorobenzene ND 0.0011 EPA 8260C 12-31-14 12-31-14 Hexachlorobutadiene ND 0.0053 EPA 8260C 12-31-14 12-31-14 Naphthalene ND 0.0011 EPA 8260C 12-31-14 12-31-14 1,2,3-Trichlorobenzene ND 0.0011 EPA 8260C 12-31-14 12-31-14 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 110 76-131 Toluene-d8 105 82-129	=						
Name							
Naphthalene ND 0.0011 EPA 8260C 12-31-14 12-31-14 1,2,3-Trichlorobenzene ND 0.0011 EPA 8260C 12-31-14 12-31-14 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 110 76-131 Toluene-d8 105 82-129							
1,2,3-Trichlorobenzene ND 0.0011 EPA 8260C 12-31-14 12-31-14 Surrogate: Percent Recovery Control Limits Dibromofluoromethane 110 76-131 Toluene-d8 105 82-129							
Surrogate: Percent Recovery Control Limits Dibromofluoromethane 110 76-131 Toluene-d8 105 82-129							
Dibromofluoromethane 110 76-131 Toluene-d8 105 82-129							
Toluene-d8 105 82-129		-					
4-Bromofluorobenzene 108 79-126	4-Bromofluorobenzene	108	79-126				

Laboratory Reference: 1412-299

Project: 1412-2091

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ormo. mg/kg				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	B5-2091-14					
Laboratory ID:	12-299-07					
Dichlorodifluoromethane	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Chloromethane	ND	0.0061	EPA 8260C	12-31-14	12-31-14	
Vinyl Chloride	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Bromomethane	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Chloroethane	ND	0.0061	EPA 8260C	12-31-14	12-31-14	
Trichlorofluoromethane	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
1,1-Dichloroethene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Acetone	ND	0.0061	EPA 8260C	12-31-14	12-31-14	
lodomethane	ND	0.0061	EPA 8260C	12-31-14	12-31-14	
Carbon Disulfide	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Methylene Chloride	ND	0.0061	EPA 8260C	12-31-14	12-31-14	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Methyl t-Butyl Ether	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
1,1-Dichloroethane	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Vinyl Acetate	ND	0.0061	EPA 8260C	12-31-14	12-31-14	
2,2-Dichloropropane	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
(cis) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
2-Butanone	ND	0.0061	EPA 8260C	12-31-14	12-31-14	
Bromochloromethane	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Chloroform	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
1,1,1-Trichloroethane	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Carbon Tetrachloride	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
1,1-Dichloropropene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Benzene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
1,2-Dichloroethane	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Trichloroethene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
1,2-Dichloropropane	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Dibromomethane	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Bromodichloromethane	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
2-Chloroethyl Vinyl Ether	ND	0.0061	EPA 8260C	12-31-14	12-31-14	
(cis) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Methyl Isobutyl Ketone	ND	0.0061	EPA 8260C	12-31-14	12-31-14	
Toluene	ND	0.0061	EPA 8260C	12-31-14	12-31-14	
(trans) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	

Laboratory Reference: 1412-299

Project: 1412-2091

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	B5-2091-14					
Laboratory ID:	12-299-07					
1,1,2-Trichloroethane	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Tetrachloroethene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
1,3-Dichloropropane	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
2-Hexanone	ND	0.0061	EPA 8260C	12-31-14	12-31-14	
Dibromochloromethane	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
1,2-Dibromoethane	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Chlorobenzene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
1,1,1,2-Tetrachloroethane	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Ethylbenzene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
m,p-Xylene	ND	0.0025	EPA 8260C	12-31-14	12-31-14	
o-Xylene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Styrene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Bromoform	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Isopropylbenzene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Bromobenzene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
1,1,2,2-Tetrachloroethane	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
1,2,3-Trichloropropane	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
n-Propylbenzene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
2-Chlorotoluene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
4-Chlorotoluene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
1,3,5-Trimethylbenzene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
tert-Butylbenzene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
1,2,4-Trimethylbenzene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
sec-Butylbenzene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
1,3-Dichlorobenzene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
p-Isopropyltoluene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
1,4-Dichlorobenzene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
1,2-Dichlorobenzene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
n-Butylbenzene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
1,2-Dibromo-3-chloropropane	ND	0.0061	EPA 8260C	12-31-14	12-31-14	
1,2,4-Trichlorobenzene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Hexachlorobutadiene	ND	0.0061	EPA 8260C	12-31-14	12-31-14	
Naphthalene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
1,2,3-Trichlorobenzene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	106	76-131				
Toluene-d8	103	82-129				
4-Bromofluorobenzene	104	79-126				

4-Bromofluorobenzene 79-126

Laboratory Reference: 1412-299

Project: 1412-2091

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A . I .	D 14	DOI	March 1	Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	B6-2091-15					
Laboratory ID:	12-299-09	0.00007		4.0.45	4.0.45	
Dichlorodifluoromethane	ND	0.00097	EPA 8260C	1-8-15	1-8-15	
Chloromethane	ND	0.0048	EPA 8260C	1-8-15	1-8-15	
Vinyl Chloride	ND	0.00097	EPA 8260C	1-8-15	1-8-15	
Bromomethane	ND	0.00097	EPA 8260C	1-8-15	1-8-15	
Chloroethane	ND	0.0048	EPA 8260C	1-8-15	1-8-15	
Trichlorofluoromethane	ND	0.00097	EPA 8260C	1-8-15	1-8-15	
1,1-Dichloroethene	ND	0.00097	EPA 8260C	1-8-15	1-8-15	
Acetone	ND	0.0048	EPA 8260C	1-8-15	1-8-15	
Iodomethane	ND	0.0048	EPA 8260C	1-8-15	1-8-15	
Carbon Disulfide	ND	0.00097	EPA 8260C	1-8-15	1-8-15	
Methylene Chloride	ND	0.0048	EPA 8260C	1-8-15	1-8-15	
(trans) 1,2-Dichloroethene	ND	0.00097	EPA 8260C	1-8-15	1-8-15	
Methyl t-Butyl Ether	ND	0.00097	EPA 8260C	1-8-15	1-8-15	
1,1-Dichloroethane	ND	0.00097	EPA 8260C	1-8-15	1-8-15	
Vinyl Acetate	ND	0.0048	EPA 8260C	1-8-15	1-8-15	
2,2-Dichloropropane	ND	0.00097	EPA 8260C	1-8-15	1-8-15	
(cis) 1,2-Dichloroethene	ND	0.00097	EPA 8260C	1-8-15	1-8-15	
2-Butanone	ND	0.0048	EPA 8260C	1-8-15	1-8-15	
Bromochloromethane	ND	0.00097	EPA 8260C	1-8-15	1-8-15	
Chloroform	ND	0.00097	EPA 8260C	1-8-15	1-8-15	
1,1,1-Trichloroethane	ND	0.00097	EPA 8260C	1-8-15	1-8-15	
Carbon Tetrachloride	ND	0.00097	EPA 8260C	1-8-15	1-8-15	
1,1-Dichloropropene	ND	0.00097	EPA 8260C	1-8-15	1-8-15	
Benzene	ND	0.00097	EPA 8260C	1-8-15	1-8-15	
1,2-Dichloroethane	ND	0.00097	EPA 8260C	1-8-15	1-8-15	
Trichloroethene	ND	0.00097	EPA 8260C	1-8-15	1-8-15	
1,2-Dichloropropane	ND	0.00097	EPA 8260C	1-8-15	1-8-15	
Dibromomethane	ND	0.00097	EPA 8260C	1-8-15	1-8-15	
Bromodichloromethane	ND	0.00097	EPA 8260C	1-8-15	1-8-15	
2-Chloroethyl Vinyl Ether	ND	0.0048	EPA 8260C	1-8-15	1-8-15	
(cis) 1,3-Dichloropropene	ND	0.00097	EPA 8260C	1-8-15	1-8-15	
Methyl Isobutyl Ketone	ND	0.0048	EPA 8260C	1-8-15	1-8-15	
Toluene	ND	0.0048	EPA 8260C	1-8-15	1-8-15	
(trans) 1,3-Dichloropropene	ND	0.00097	EPA 8260C	1-8-15	1-8-15	

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Project: 1412-2091

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	B6-2091-15					
Laboratory ID:	12-299-09		ED4 2222	4.0.45	4 0 4 5	
1,1,2-Trichloroethane	ND	0.00097	EPA 8260C	1-8-15	1-8-15	
Tetrachloroethene	ND	0.00097	EPA 8260C	1-8-15	1-8-15	
1,3-Dichloropropane	ND	0.00097	EPA 8260C	1-8-15	1-8-15	
2-Hexanone	ND	0.0048	EPA 8260C	1-8-15	1-8-15	
Dibromochloromethane	ND	0.00097	EPA 8260C	1-8-15	1-8-15	
1,2-Dibromoethane	ND	0.00097	EPA 8260C	1-8-15	1-8-15	
Chlorobenzene	ND	0.00097	EPA 8260C	1-8-15	1-8-15	
1,1,1,2-Tetrachloroethane	ND	0.00097	EPA 8260C	1-8-15	1-8-15	
Ethylbenzene	ND	0.00097	EPA 8260C	1-8-15	1-8-15	
m,p-Xylene	ND	0.0019	EPA 8260C	1-8-15	1-8-15	
o-Xylene	ND	0.00097	EPA 8260C	1-8-15	1-8-15	
Styrene	ND	0.00097	EPA 8260C	1-8-15	1-8-15	
Bromoform	ND	0.00097	EPA 8260C	1-8-15	1-8-15	
Isopropylbenzene	ND	0.00097	EPA 8260C	1-8-15	1-8-15	
Bromobenzene	ND	0.00097	EPA 8260C	1-8-15	1-8-15	
1,1,2,2-Tetrachloroethane	ND	0.00097	EPA 8260C	1-8-15	1-8-15	
1,2,3-Trichloropropane	ND	0.00097	EPA 8260C	1-8-15	1-8-15	
n-Propylbenzene	ND	0.00097	EPA 8260C	1-8-15	1-8-15	
2-Chlorotoluene	ND	0.00097	EPA 8260C	1-8-15	1-8-15	
4-Chlorotoluene	ND	0.00097	EPA 8260C	1-8-15	1-8-15	
1,3,5-Trimethylbenzene	ND	0.00097	EPA 8260C	1-8-15	1-8-15	
tert-Butylbenzene	ND	0.00097	EPA 8260C	1-8-15	1-8-15	
1,2,4-Trimethylbenzene	0.0015	0.00097	EPA 8260C	1-8-15	1-8-15	
sec-Butylbenzene	ND	0.00097	EPA 8260C	1-8-15	1-8-15	
1,3-Dichlorobenzene	ND	0.00097	EPA 8260C	1-8-15	1-8-15	
p-Isopropyltoluene	ND	0.00097	EPA 8260C	1-8-15	1-8-15	
1,4-Dichlorobenzene	ND	0.00097	EPA 8260C	1-8-15	1-8-15	
1,2-Dichlorobenzene	ND	0.00097	EPA 8260C	1-8-15	1-8-15	
n-Butylbenzene	ND	0.00097	EPA 8260C	1-8-15	1-8-15	
1,2-Dibromo-3-chloropropane		0.0048	EPA 8260C	1-8-15	1-8-15	
1,2,4-Trichlorobenzene	ND	0.00097	EPA 8260C	1-8-15	1-8-15	
Hexachlorobutadiene	ND	0.0048	EPA 8260C	1-8-15	1-8-15	
Naphthalene	0.27	0.048	EPA 8260C	12-31-14	12-31-14	
1,2,3-Trichlorobenzene	ND	0.00097	EPA 8260C	1-8-15	1-8-15	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	113	76-131				
Toluene-d8	111	82-129				
4-Bromofluorobenzene	114	79-126				
T-DI OITIOIIUOI ODEI IZEI IE	1 1 4	13-120				

OnSite Environmental, Inc. 14648 NE 95th Street, Redmond, WA 98052 (425) 883-3881

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	B7-2091-17					
Laboratory ID:	12-299-10					
Dichlorodifluoromethane	ND	0.00089	EPA 8260C	12-31-14	12-31-14	
Chloromethane	ND	0.0045	EPA 8260C	12-31-14	12-31-14	
Vinyl Chloride	ND	0.00089	EPA 8260C	12-31-14	12-31-14	
Bromomethane	ND	0.00089	EPA 8260C	12-31-14	12-31-14	
Chloroethane	ND	0.0045	EPA 8260C	12-31-14	12-31-14	
Trichlorofluoromethane	ND	0.00089	EPA 8260C	12-31-14	12-31-14	
1,1-Dichloroethene	ND	0.00089	EPA 8260C	12-31-14	12-31-14	
Acetone	ND	0.0045	EPA 8260C	12-31-14	12-31-14	
Iodomethane	ND	0.0045	EPA 8260C	12-31-14	12-31-14	
Carbon Disulfide	ND	0.00089	EPA 8260C	12-31-14	12-31-14	
Methylene Chloride	ND	0.0045	EPA 8260C	12-31-14	12-31-14	
(trans) 1,2-Dichloroethene	ND	0.00089	EPA 8260C	12-31-14	12-31-14	
Methyl t-Butyl Ether	ND	0.00089	EPA 8260C	12-31-14	12-31-14	
1,1-Dichloroethane	ND	0.00089	EPA 8260C	12-31-14	12-31-14	
Vinyl Acetate	ND	0.0045	EPA 8260C	12-31-14	12-31-14	
2,2-Dichloropropane	ND	0.00089	EPA 8260C	12-31-14	12-31-14	
(cis) 1,2-Dichloroethene	ND	0.00089	EPA 8260C	12-31-14	12-31-14	
2-Butanone	ND	0.0045	EPA 8260C	12-31-14	12-31-14	
Bromochloromethane	ND	0.00089	EPA 8260C	12-31-14	12-31-14	
Chloroform	ND	0.00089	EPA 8260C	12-31-14	12-31-14	
1,1,1-Trichloroethane	ND	0.00089	EPA 8260C	12-31-14	12-31-14	
Carbon Tetrachloride	ND	0.00089	EPA 8260C	12-31-14	12-31-14	
1,1-Dichloropropene	ND	0.00089	EPA 8260C	12-31-14	12-31-14	
Benzene	ND	0.00089	EPA 8260C	12-31-14	12-31-14	
1,2-Dichloroethane	ND	0.00089	EPA 8260C	12-31-14	12-31-14	
Trichloroethene	ND	0.00089	EPA 8260C	12-31-14	12-31-14	
1,2-Dichloropropane	ND	0.00089	EPA 8260C	12-31-14	12-31-14	
Dibromomethane	ND	0.00089	EPA 8260C	12-31-14	12-31-14	
Bromodichloromethane	ND	0.00089	EPA 8260C	12-31-14	12-31-14	
2-Chloroethyl Vinyl Ether	ND	0.0045	EPA 8260C	12-31-14	12-31-14	
(cis) 1,3-Dichloropropene	ND	0.00089	EPA 8260C	12-31-14	12-31-14	
Methyl Isobutyl Ketone	ND	0.0045	EPA 8260C	12-31-14	12-31-14	
Toluene	ND	0.0045	EPA 8260C	12-31-14	12-31-14	
(trans) 1,3-Dichloropropene	ND	0.00089	EPA 8260C	12-31-14	12-31-14	

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	B7-2091-17					
Laboratory ID:	12-299-10					
1,1,2-Trichloroethane	ND	0.00089	EPA 8260C	12-31-14	12-31-14	
Tetrachloroethene	ND	0.00089	EPA 8260C	12-31-14	12-31-14	
1,3-Dichloropropane	ND	0.00089	EPA 8260C	12-31-14	12-31-14	
2-Hexanone	ND	0.0045	EPA 8260C	12-31-14	12-31-14	
Dibromochloromethane	ND	0.00089	EPA 8260C	12-31-14	12-31-14	
1,2-Dibromoethane	ND	0.00089	EPA 8260C	12-31-14	12-31-14	
Chlorobenzene	ND	0.00089	EPA 8260C	12-31-14	12-31-14	
1,1,1,2-Tetrachloroethane	ND	0.00089	EPA 8260C	12-31-14	12-31-14	
Ethylbenzene	ND	0.00089	EPA 8260C	12-31-14	12-31-14	
m,p-Xylene	ND	0.0018	EPA 8260C	12-31-14	12-31-14	
o-Xylene	ND	0.00089	EPA 8260C	12-31-14	12-31-14	
Styrene	ND	0.00089	EPA 8260C	12-31-14	12-31-14	
Bromoform	ND	0.00089	EPA 8260C	12-31-14	12-31-14	
sopropylbenzene	ND	0.00089	EPA 8260C	12-31-14	12-31-14	
Bromobenzene	ND	0.00089	EPA 8260C	12-31-14	12-31-14	
1,1,2,2-Tetrachloroethane	ND	0.00089	EPA 8260C	12-31-14	12-31-14	
1,2,3-Trichloropropane	ND	0.00089	EPA 8260C	12-31-14	12-31-14	
n-Propylbenzene	ND	0.00089	EPA 8260C	12-31-14	12-31-14	
2-Chlorotoluene	ND	0.00089	EPA 8260C	12-31-14	12-31-14	
4-Chlorotoluene	ND	0.00089	EPA 8260C	12-31-14	12-31-14	
1,3,5-Trimethylbenzene	ND	0.00089	EPA 8260C	12-31-14	12-31-14	
ert-Butylbenzene	ND	0.00089	EPA 8260C	12-31-14	12-31-14	
1,2,4-Trimethylbenzene	ND	0.00089	EPA 8260C	12-31-14	12-31-14	
sec-Butylbenzene	ND	0.00089	EPA 8260C	12-31-14	12-31-14	
1,3-Dichlorobenzene	ND	0.00089	EPA 8260C	12-31-14	12-31-14	
o-Isopropyltoluene	ND	0.00089	EPA 8260C	12-31-14	12-31-14	
1,4-Dichlorobenzene	ND	0.00089	EPA 8260C	12-31-14	12-31-14	
1,2-Dichlorobenzene	ND	0.00089	EPA 8260C	12-31-14	12-31-14	
n-Butylbenzene	ND	0.00089	EPA 8260C	12-31-14	12-31-14	
1,2-Dibromo-3-chloropropane	ND	0.0045	EPA 8260C	12-31-14	12-31-14	
1,2,4-Trichlorobenzene	ND	0.00089	EPA 8260C	12-31-14	12-31-14	
Hexachlorobutadiene	ND	0.0045	EPA 8260C	12-31-14	12-31-14	
Naphthalene	ND	0.00089	EPA 8260C	12-31-14	12-31-14	
1,2,3-Trichlorobenzene	ND	0.00089	EPA 8260C	12-31-14	12-31-14	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	99	76-131				
Toluene-d8	101	82-129				
4-Bromofluorobenzene		· ·				

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Analyte Result PQL Method Prepared Analyzed Flags					Date	Date	
Laboratory ID: 12-299-12 Dichlorodifluoromethane ND 0.0010 EPA 8260C 12-31-14 12-31-14 Chloromethane ND 0.0052 EPA 8260C 12-31-14 12-31-14 Vinyl Chloride ND 0.0010 EPA 8260C 12-31-14 12-31-14 Bromomethane ND 0.0010 EPA 8260C 12-31-14 12-31-14 Chloroethane ND 0.0052 EPA 8260C 12-31-14 12-31-14 Tricklorofluoromethane ND 0.0052 EPA 8260C 12-31-14 12-31-14 1-1-Dichloroethene ND 0.0010 EPA 8260C 12-31-14 12-31-14 Acetone ND 0.0052 EPA 8260C 12-31-14 12-31-14 Iodomethane ND 0.0052 EPA 8260C 12-31-14 12-31-14 Methylene Chloride ND 0.0010 EPA 8260C 12-31-14 12-31-14 Methylene Chloride ND 0.0010 EPA 8260C 12-31-14 12-31-14 Methylene Chlorid	Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Dichlorodiffluoromethane ND 0.0010 EPA 8260C 12-31-14 12-31-14 Chloromethane ND 0.0052 EPA 8260C 12-31-14 12-31-14 Vinyl Chloride ND 0.0010 EPA 8260C 12-31-14 12-31-14 Bromomethane ND 0.0010 EPA 8260C 12-31-14 12-31-14 Chloroethane ND 0.0052 EPA 8260C 12-31-14 12-31-14 Trichlorofluoromethane ND 0.0010 EPA 8260C 12-31-14 12-31-14 Acetone ND 0.0010 EPA 8260C 12-31-14 12-31-14 Acetone ND 0.0052 EPA 8260C 12-31-14 12-31-14 Iodomethane ND 0.0052 EPA 8260C 12-31-14 12-31-14 Methylene Chloride ND 0.0052 EPA 8260C 12-31-14 12-31-14 Methylene Chloride ND 0.0010 EPA 8260C 12-31-14 12-31-14 (trans) 1,2-Dichloroethene ND 0.0010 EPA 8260C	Client ID:	B8-2091-10					
Chloromethane ND 0.0052 EPA 8260C 12-31-14 12-31-14 Vinyl Chloride ND 0.0010 EPA 8260C 12-31-14 12-31-14 Bromomethane ND 0.0010 EPA 8260C 12-31-14 12-31-14 Chloroethane ND 0.0052 EPA 8260C 12-31-14 12-31-14 Trichlorofluoromethane ND 0.0010 EPA 8260C 12-31-14 12-31-14 1,1-Dichloroethene ND 0.0010 EPA 8260C 12-31-14 12-31-14 Acetone ND 0.0052 EPA 8260C 12-31-14 12-31-14 Icabon Disulfide ND 0.0052 EPA 8260C 12-31-14 12-31-14 Carbon Disulfide ND 0.0010 EPA 8260C 12-31-14 12-31-14 Methylene Chloride ND 0.0052 EPA 8260C 12-31-14 12-31-14 Methylene Chloride ND 0.0010 EPA 8260C 12-31-14 12-31-14 Methylene Chloride ND 0.0010 EPA 8260C	Laboratory ID:	12-299-12					
Vinyl Chloride ND 0.0010 EPA 8260C 12-31-14 12-31-14 Bromomethane ND 0.0010 EPA 8260C 12-31-14 12-31-14 Chloroethane ND 0.0052 EPA 8260C 12-31-14 12-31-14 Trichlorofluoromethane ND 0.0010 EPA 8260C 12-31-14 12-31-14 1,1-Dichloroethene ND 0.0010 EPA 8260C 12-31-14 12-31-14 Acetone ND 0.0052 EPA 8260C 12-31-14 12-31-14 Acetone ND 0.0052 EPA 8260C 12-31-14 12-31-14 Iodomethane ND 0.0052 EPA 8260C 12-31-14 12-31-14 Iodomethane ND 0.0010 EPA 8260C 12-31-14 12-31-14 Methylene Chloride ND 0.0052 EPA 8260C 12-31-14 12-31-14 (trans) 1,2-Dichloroethene ND 0.0010 EPA 8260C 12-31-14 12-31-14 1,1-Dichloroethane ND 0.0010 EPA 8260C <t< td=""><td>Dichlorodifluoromethane</td><td>ND</td><td>0.0010</td><td>EPA 8260C</td><td>12-31-14</td><td>12-31-14</td><td></td></t<>	Dichlorodifluoromethane	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
Bromomethane ND 0.0010 EPA 8260C 12-31-14 12-31-14 Chloroethane ND 0.0052 EPA 8260C 12-31-14 12-31-14 Trichlorofluoromethane ND 0.0010 EPA 8260C 12-31-14 12-31-14 1,1-Dichloroethene ND 0.0010 EPA 8260C 12-31-14 12-31-14 Acetone ND 0.0052 EPA 8260C 12-31-14 12-31-14 Idodomethane ND 0.0052 EPA 8260C 12-31-14 12-31-14 Idodomethane ND 0.0052 EPA 8260C 12-31-14 12-31-14 Idodomethane ND 0.0052 EPA 8260C 12-31-14 12-31-14 Methylene Chloride ND 0.0052 EPA 8260C 12-31-14 12-31-14 (trans) 1,2-Dichloroethene ND 0.0010 EPA 8260C 12-31-14 12-31-14 Methyl t-Butyl Ether ND 0.0010 EPA 8260C 12-31-14 12-31-14 Vinyl Acetate ND 0.0010 EPA 8260C	Chloromethane	ND	0.0052	EPA 8260C	12-31-14	12-31-14	
Chloroethane ND 0.0052 EPA 8260C 12-31-14 12-31-14 Trichlorofluoromethane ND 0.0010 EPA 8260C 12-31-14 12-31-14 1,1-Dichloroethene ND 0.0010 EPA 8260C 12-31-14 12-31-14 Acetone ND 0.0052 EPA 8260C 12-31-14 12-31-14 Iodomethane ND 0.0052 EPA 8260C 12-31-14 12-31-14 Carbon Disulfide ND 0.0010 EPA 8260C 12-31-14 12-31-14 Methylene Chloride ND 0.0010 EPA 8260C 12-31-14 12-31-14 Methylene Chloride ND 0.0010 EPA 8260C 12-31-14 12-31-14 Methylene Chloride ND 0.0010 EPA 8260C 12-31-14 12-31-14 Methyle Ether ND 0.0010 EPA 8260C 12-31-14 12-31-14 1,1-Dichloroethane ND 0.0010 EPA 8260C 12-31-14 12-31-14 Vinyl Acetate ND 0.0010 EPA 8260C	Vinyl Chloride	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
Trichlorofluoromethane ND 0.0010 EPA 8260C 12-31-14 12-31-14 1,1-Dichloroethene ND 0.0010 EPA 8260C 12-31-14 12-31-14 Acetone ND 0.0052 EPA 8260C 12-31-14 12-31-14 Iodomethane ND 0.0052 EPA 8260C 12-31-14 12-31-14 Carbon Disulfide ND 0.0010 EPA 8260C 12-31-14 12-31-14 Methylene Chloride ND 0.0052 EPA 8260C 12-31-14 12-31-14 Methyl t-Buryl Ether ND 0.0010 EPA 8260C 12-31-14 12-31-14 Methyl t-Buryl Ether ND 0.0010 EPA 8260C 12-31-14 12-31-14 Methyl t-Buryl Ether ND 0.0010 EPA 8260C 12-31-14 12-31-14 Methyl t-Buryl Ether ND 0.0010 EPA 8260C 12-31-14 12-31-14 1,1-Dichloroethane ND 0.0010 EPA 8260C 12-31-14 12-31-14 2,2-Dichloroethane ND 0.0010	Bromomethane	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
1,1-Dichloroethene ND 0.0010 EPA 8260C 12-31-14 12-31-14 Acetone ND 0.0052 EPA 8260C 12-31-14 12-31-14 Iodomethane ND 0.0052 EPA 8260C 12-31-14 12-31-14 Carbon Disulfide ND 0.0010 EPA 8260C 12-31-14 12-31-14 Methylene Chloride ND 0.0052 EPA 8260C 12-31-14 12-31-14 Methylene Chloride ND 0.0010 EPA 8260C 12-31-14 12-31-14 Methyl t-Butyl Ether ND 0.0010 EPA 8260C 12-31-14 12-31-14 Methyl t-Butyl Ether ND 0.0010 EPA 8260C 12-31-14 12-31-14 Methyl t-Butyl Ether ND 0.0010 EPA 8260C 12-31-14 12-31-14 Viryl Acetate ND 0.0010 EPA 8260C 12-31-14 12-31-14 Viryl Acetate ND 0.0010 EPA 8260C 12-31-14 12-31-14 (cis) 1,2-Dichloroethane ND 0.0010 EPA	Chloroethane	ND	0.0052	EPA 8260C	12-31-14	12-31-14	
Acetone ND 0.0052 EPA 8260C 12-31-14 12-31-14 lodomethane ND 0.0052 EPA 8260C 12-31-14 12-31-14 Carbon Disulfide ND 0.0010 EPA 8260C 12-31-14 12-31-14 Methylene Chloride ND 0.0010 EPA 8260C 12-31-14 12-31-14 Methylene Chloride ND 0.0010 EPA 8260C 12-31-14 12-31-14 Methyle Ether ND 0.0010 EPA 8260C 12-31-14 12-31-14 Methyl Ether ND 0.0010 EPA 8260C 12-31-14 12-31-14 1,1-Dichloroethane ND 0.0010 EPA 8260C 12-31-14 12-31-14 Vinyl Acetate ND 0.0052 EPA 8260C 12-31-14 12-31-14 2,2-Dichloropropane ND 0.0010 EPA 8260C 12-31-14 12-31-14 2,2-Dichloropropane ND 0.0010 EPA 8260C 12-31-14 12-31-14 2,2-Bichloropropane ND 0.0010 EPA 8260C	Trichlorofluoromethane	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
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(trans) 1,2-Dichloroethene ND 0.0010 EPA 8260C 12-31-14 12-31-14 Methyl t-Butyl Ether ND 0.0010 EPA 8260C 12-31-14 12-31-14 1,1-Dichloroethane ND 0.0010 EPA 8260C 12-31-14 12-31-14 Vinyl Acetate ND 0.0052 EPA 8260C 12-31-14 12-31-14 2,2-Dichloropropane ND 0.0010 EPA 8260C 12-31-14 12-31-14 (cis) 1,2-Dichloroethene ND 0.0010 EPA 8260C 12-31-14 12-31-14 2-Butanone ND 0.0052 EPA 8260C 12-31-14 12-31-14 2-Butanone ND 0.0052 EPA 8260C 12-31-14 12-31-14 2-Butanone ND 0.0010 EPA 8260C 12-31-14 12-31-14 2-Butanone ND 0.0010 EPA 8260C 12-31-14 12-31-14 2-Butanone ND 0.0010 EPA 8260C 12-31-14 12-31-14 1-Inchioroethane ND 0.0010 EPA 8260C	Carbon Disulfide	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
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Bromochloromethane ND 0.0010 EPA 8260C 12-31-14 12-31-14 Chloroform ND 0.0010 EPA 8260C 12-31-14 12-31-14 1,1,1-Trichloroethane ND 0.0010 EPA 8260C 12-31-14 12-31-14 Carbon Tetrachloride ND 0.0010 EPA 8260C 12-31-14 12-31-14 1,1-Dichloropropene ND 0.0010 EPA 8260C 12-31-14 12-31-14 1,2-Dichloropropene ND 0.0010 EPA 8260C 12-31-14 12-31-14 1,2-Dichloropthane ND 0.0010 EPA 8260C 12-31-14 12-31-14 1,2-Dichloropropane ND 0.0010 EPA 8260C 12-31-14 12-31-14 1,2-Dichloropropane ND 0.0010 EPA 8260C 12-31-14 12-31-14 1,2-Dichloromethane ND 0.0010 EPA 8260C 12-31-14 12-31-14 2-Chloroethyl Vinyl Ether ND 0.0052 EPA 8260C 12-31-14 12-31-14 (cis) 1,3-Dichloropropene ND	(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
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Benzene ND 0.0010 EPA 8260C 12-31-14 12-31-14 1,2-Dichloroethane ND 0.0010 EPA 8260C 12-31-14 12-31-14 Trichloroethene 0.0012 0.0010 EPA 8260C 12-31-14 12-31-14 1,2-Dichloropropane ND 0.0010 EPA 8260C 12-31-14 12-31-14 Dibromomethane ND 0.0010 EPA 8260C 12-31-14 12-31-14 Bromodichloromethane ND 0.0010 EPA 8260C 12-31-14 12-31-14 2-Chloroethyl Vinyl Ether ND 0.0052 EPA 8260C 12-31-14 12-31-14 (cis) 1,3-Dichloropropene ND 0.0010 EPA 8260C 12-31-14 12-31-14 Methyl Isobutyl Ketone ND 0.0052 EPA 8260C 12-31-14 12-31-14 Toluene ND 0.0052 EPA 8260C 12-31-14 12-31-14	Carbon Tetrachloride	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
1,2-Dichloroethane ND 0.0010 EPA 8260C 12-31-14 12-31-14 Trichloroethene 0.0012 0.0010 EPA 8260C 12-31-14 12-31-14 1,2-Dichloropropane ND 0.0010 EPA 8260C 12-31-14 12-31-14 Dibromomethane ND 0.0010 EPA 8260C 12-31-14 12-31-14 Bromodichloromethane ND 0.0010 EPA 8260C 12-31-14 12-31-14 2-Chloroethyl Vinyl Ether ND 0.0052 EPA 8260C 12-31-14 12-31-14 (cis) 1,3-Dichloropropene ND 0.0010 EPA 8260C 12-31-14 12-31-14 Methyl Isobutyl Ketone ND 0.0052 EPA 8260C 12-31-14 12-31-14 Toluene ND 0.0052 EPA 8260C 12-31-14 12-31-14	1,1-Dichloropropene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
Trichloroethene 0.0012 0.0010 EPA 8260C 12-31-14 12-31-14 1,2-Dichloropropane ND 0.0010 EPA 8260C 12-31-14 12-31-14 Dibromomethane ND 0.0010 EPA 8260C 12-31-14 12-31-14 Bromodichloromethane ND 0.0010 EPA 8260C 12-31-14 12-31-14 2-Chloroethyl Vinyl Ether ND 0.0052 EPA 8260C 12-31-14 12-31-14 (cis) 1,3-Dichloropropene ND 0.0010 EPA 8260C 12-31-14 12-31-14 Methyl Isobutyl Ketone ND 0.0052 EPA 8260C 12-31-14 12-31-14 Toluene ND 0.0052 EPA 8260C 12-31-14 12-31-14	Benzene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
1,2-Dichloropropane ND 0.0010 EPA 8260C 12-31-14 12-31-14 Dibromomethane ND 0.0010 EPA 8260C 12-31-14 12-31-14 Bromodichloromethane ND 0.0010 EPA 8260C 12-31-14 12-31-14 2-Chloroethyl Vinyl Ether ND 0.0052 EPA 8260C 12-31-14 12-31-14 (cis) 1,3-Dichloropropene ND 0.0010 EPA 8260C 12-31-14 12-31-14 Methyl Isobutyl Ketone ND 0.0052 EPA 8260C 12-31-14 12-31-14 Toluene ND 0.0052 EPA 8260C 12-31-14 12-31-14	1,2-Dichloroethane	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
Dibromomethane ND 0.0010 EPA 8260C 12-31-14 12-31-14 Bromodichloromethane ND 0.0010 EPA 8260C 12-31-14 12-31-14 2-Chloroethyl Vinyl Ether ND 0.0052 EPA 8260C 12-31-14 12-31-14 (cis) 1,3-Dichloropropene ND 0.0010 EPA 8260C 12-31-14 12-31-14 Methyl Isobutyl Ketone ND 0.0052 EPA 8260C 12-31-14 12-31-14 Toluene ND 0.0052 EPA 8260C 12-31-14 12-31-14	Trichloroethene	0.0012	0.0010	EPA 8260C	12-31-14	12-31-14	
Bromodichloromethane ND 0.0010 EPA 8260C 12-31-14 12-31-14 2-Chloroethyl Vinyl Ether ND 0.0052 EPA 8260C 12-31-14 12-31-14 (cis) 1,3-Dichloropropene ND 0.0010 EPA 8260C 12-31-14 12-31-14 Methyl Isobutyl Ketone ND 0.0052 EPA 8260C 12-31-14 12-31-14 Toluene ND 0.0052 EPA 8260C 12-31-14 12-31-14	1,2-Dichloropropane	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
2-Chloroethyl Vinyl Ether ND 0.0052 EPA 8260C 12-31-14 12-31-14 (cis) 1,3-Dichloropropene ND 0.0010 EPA 8260C 12-31-14 12-31-14 Methyl Isobutyl Ketone ND 0.0052 EPA 8260C 12-31-14 12-31-14 Toluene ND 0.0052 EPA 8260C 12-31-14 12-31-14	Dibromomethane	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
(cis) 1,3-Dichloropropene ND 0.0010 EPA 8260C 12-31-14 12-31-14 Methyl Isobutyl Ketone ND 0.0052 EPA 8260C 12-31-14 12-31-14 Toluene ND 0.0052 EPA 8260C 12-31-14 12-31-14	Bromodichloromethane	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
Methyl Isobutyl Ketone ND 0.0052 EPA 8260C 12-31-14 12-31-14 Toluene ND 0.0052 EPA 8260C 12-31-14 12-31-14	2-Chloroethyl Vinyl Ether	ND	0.0052	EPA 8260C	12-31-14	12-31-14	
Toluene ND 0.0052 EPA 8260C 12-31-14 12-31-14	(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
	Methyl Isobutyl Ketone	ND	0.0052	EPA 8260C	12-31-14	12-31-14	
(trans) 1,3-Dichloropropene ND 0.0010 EPA 8260C 12-31-14 12-31-14	Toluene	ND	0.0052	EPA 8260C	12-31-14	12-31-14	
	(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	

Laboratory Reference: 1412-299

Project: 1412-2091

VOLATILES EPA 8260C

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	B8-2091-10					
Laboratory ID:	12-299-12					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
Tetrachloroethene	0.0069	0.0010	EPA 8260C	12-31-14	12-31-14	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
2-Hexanone	ND	0.0052	EPA 8260C	12-31-14	12-31-14	
Dibromochloromethane	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
Chlorobenzene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
Ethylbenzene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
m,p-Xylene	ND	0.0021	EPA 8260C	12-31-14	12-31-14	
o-Xylene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
Styrene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
Bromoform	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
Isopropylbenzene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
Bromobenzene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
n-Propylbenzene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
2-Chlorotoluene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
4-Chlorotoluene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
ert-Butylbenzene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
sec-Butylbenzene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
n-Butylbenzene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
1,2-Dibromo-3-chloropropane		0.0052	EPA 8260C	12-31-14	12-31-14	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
Hexachlorobutadiene	ND	0.0052	EPA 8260C	12-31-14	12-31-14	
Naphthalene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	102	76-131				
Toluene-d8	101	82-129				
4-Bromofluorobenzene	103	79-126				
. 5. 5.11611461 0501120116	700	10 120				

Laboratory Reference: 1412-299

Project: 1412-2091

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	B9-2091-10					
Laboratory ID:	12-299-13					
Dichlorodifluoromethane	ND	0.00095	EPA 8260C	12-31-14	12-31-14	
Chloromethane	ND	0.0047	EPA 8260C	12-31-14	12-31-14	
Vinyl Chloride	ND	0.00095	EPA 8260C	12-31-14	12-31-14	
Bromomethane	ND	0.00095	EPA 8260C	12-31-14	12-31-14	
Chloroethane	ND	0.0047	EPA 8260C	12-31-14	12-31-14	
Trichlorofluoromethane	ND	0.00095	EPA 8260C	12-31-14	12-31-14	
1,1-Dichloroethene	ND	0.00095	EPA 8260C	12-31-14	12-31-14	
Acetone	ND	0.0047	EPA 8260C	12-31-14	12-31-14	
Iodomethane	ND	0.0047	EPA 8260C	12-31-14	12-31-14	
Carbon Disulfide	ND	0.00095	EPA 8260C	12-31-14	12-31-14	
Methylene Chloride	ND	0.0047	EPA 8260C	12-31-14	12-31-14	
(trans) 1,2-Dichloroethene	ND	0.00095	EPA 8260C	12-31-14	12-31-14	
Methyl t-Butyl Ether	ND	0.00095	EPA 8260C	12-31-14	12-31-14	
1,1-Dichloroethane	ND	0.00095	EPA 8260C	12-31-14	12-31-14	
Vinyl Acetate	ND	0.0047	EPA 8260C	12-31-14	12-31-14	
2,2-Dichloropropane	ND	0.00095	EPA 8260C	12-31-14	12-31-14	
(cis) 1,2-Dichloroethene	ND	0.00095	EPA 8260C	12-31-14	12-31-14	
2-Butanone	ND	0.0047	EPA 8260C	12-31-14	12-31-14	
Bromochloromethane	ND	0.00095	EPA 8260C	12-31-14	12-31-14	
Chloroform	ND	0.00095	EPA 8260C	12-31-14	12-31-14	
1,1,1-Trichloroethane	ND	0.00095	EPA 8260C	12-31-14	12-31-14	
Carbon Tetrachloride	ND	0.00095	EPA 8260C	12-31-14	12-31-14	
1,1-Dichloropropene	ND	0.00095	EPA 8260C	12-31-14	12-31-14	
Benzene	ND	0.00095	EPA 8260C	12-31-14	12-31-14	
1,2-Dichloroethane	ND	0.00095	EPA 8260C	12-31-14	12-31-14	
Trichloroethene	0.0023	0.00095	EPA 8260C	12-31-14	12-31-14	
1,2-Dichloropropane	ND	0.00095	EPA 8260C	12-31-14	12-31-14	
Dibromomethane	ND	0.00095	EPA 8260C	12-31-14	12-31-14	
Bromodichloromethane	ND	0.00095	EPA 8260C	12-31-14	12-31-14	
2-Chloroethyl Vinyl Ether	ND	0.0047	EPA 8260C	12-31-14	12-31-14	
(cis) 1,3-Dichloropropene	ND	0.00095	EPA 8260C	12-31-14	12-31-14	
Methyl Isobutyl Ketone	ND	0.0047	EPA 8260C	12-31-14	12-31-14	
Toluene	ND	0.0047	EPA 8260C	12-31-14	12-31-14	
(trans) 1,3-Dichloropropene	ND	0.00095	EPA 8260C	12-31-14	12-31-14	

Laboratory Reference: 1412-299

Project: 1412-2091

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	B9-2091-10					
Laboratory ID:	12-299-13					
1,1,2-Trichloroethane	ND	0.00095	EPA 8260C	12-31-14	12-31-14	
Tetrachloroethene	0.014	0.00095	EPA 8260C	12-31-14	12-31-14	
1,3-Dichloropropane	ND	0.00095	EPA 8260C	12-31-14	12-31-14	
2-Hexanone	ND	0.0047	EPA 8260C	12-31-14	12-31-14	
Dibromochloromethane	ND	0.00095	EPA 8260C	12-31-14	12-31-14	
1,2-Dibromoethane	ND	0.00095	EPA 8260C	12-31-14	12-31-14	
Chlorobenzene	ND	0.00095	EPA 8260C	12-31-14	12-31-14	
1,1,1,2-Tetrachloroethane	ND	0.00095	EPA 8260C	12-31-14	12-31-14	
Ethylbenzene	ND	0.00095	EPA 8260C	12-31-14	12-31-14	
n,p-Xylene	ND	0.0019	EPA 8260C	12-31-14	12-31-14	
o-Xylene	ND	0.00095	EPA 8260C	12-31-14	12-31-14	
Styrene	ND	0.00095	EPA 8260C	12-31-14	12-31-14	
Bromoform	ND	0.00095	EPA 8260C	12-31-14	12-31-14	
sopropylbenzene	ND	0.00095	EPA 8260C	12-31-14	12-31-14	
Bromobenzene	ND	0.00095	EPA 8260C	12-31-14	12-31-14	
1,1,2,2-Tetrachloroethane	ND	0.00095	EPA 8260C	12-31-14	12-31-14	
1,2,3-Trichloropropane	ND	0.00095	EPA 8260C	12-31-14	12-31-14	
n-Propylbenzene	ND	0.00095	EPA 8260C	12-31-14	12-31-14	
2-Chlorotoluene	ND	0.00095	EPA 8260C	12-31-14	12-31-14	
4-Chlorotoluene	ND	0.00095	EPA 8260C	12-31-14	12-31-14	
1,3,5-Trimethylbenzene	ND	0.00095	EPA 8260C	12-31-14	12-31-14	
ert-Butylbenzene	ND	0.00095	EPA 8260C	12-31-14	12-31-14	
1,2,4-Trimethylbenzene	ND	0.00095	EPA 8260C	12-31-14	12-31-14	
sec-Butylbenzene	ND	0.00095	EPA 8260C	12-31-14	12-31-14	
1,3-Dichlorobenzene	ND	0.00095	EPA 8260C	12-31-14	12-31-14	
p-Isopropyltoluene	ND	0.00095	EPA 8260C	12-31-14	12-31-14	
1,4-Dichlorobenzene	ND	0.00095	EPA 8260C	12-31-14	12-31-14	
1,2-Dichlorobenzene	ND	0.00095	EPA 8260C	12-31-14	12-31-14	
n-Butylbenzene	ND	0.00095	EPA 8260C	12-31-14	12-31-14	
1,2-Dibromo-3-chloropropane		0.0047	EPA 8260C	12-31-14	12-31-14	
1,2,4-Trichlorobenzene	ND	0.00095	EPA 8260C	12-31-14	12-31-14	
-lexachlorobutadiene	ND	0.0047	EPA 8260C	12-31-14	12-31-14	
Naphthalene	ND	0.00095	EPA 8260C	12-31-14	12-31-14	
1,2,3-Trichlorobenzene	ND	0.00095	EPA 8260C	12-31-14	12-31-14	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	111	76-131				
Toluene-d8	107	82-129				
4-Bromofluorobenzene	110	79-126				
. D. Siliolidoi OSOIIZOIIO	, 10	70 120				

Laboratory Reference: 1412-299

Project: 1412-2091

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	B10-2091-7					
Laboratory ID:	12-299-15					
Dichlorodifluoromethane	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Chloromethane	ND	0.0058	EPA 8260C	12-31-14	12-31-14	
Vinyl Chloride	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Bromomethane	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Chloroethane	ND	0.0058	EPA 8260C	12-31-14	12-31-14	
Trichlorofluoromethane	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
1,1-Dichloroethene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Acetone	ND	0.0058	EPA 8260C	12-31-14	12-31-14	
lodomethane	ND	0.0058	EPA 8260C	12-31-14	12-31-14	
Carbon Disulfide	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Methylene Chloride	ND	0.0058	EPA 8260C	12-31-14	12-31-14	
(trans) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Methyl t-Butyl Ether	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
1,1-Dichloroethane	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Vinyl Acetate	ND	0.0058	EPA 8260C	12-31-14	12-31-14	
2,2-Dichloropropane	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
(cis) 1,2-Dichloroethene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
2-Butanone	ND	0.0058	EPA 8260C	12-31-14	12-31-14	
Bromochloromethane	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Chloroform	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
1,1,1-Trichloroethane	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Carbon Tetrachloride	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
1,1-Dichloropropene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Benzene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
1,2-Dichloroethane	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Trichloroethene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
1,2-Dichloropropane	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Dibromomethane	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Bromodichloromethane	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
2-Chloroethyl Vinyl Ether	ND	0.0058	EPA 8260C	12-31-14	12-31-14	
(cis) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Methyl Isobutyl Ketone	ND	0.0058	EPA 8260C	12-31-14	12-31-14	
Toluene	ND	0.0058	EPA 8260C	12-31-14	12-31-14	
(trans) 1,3-Dichloropropene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	

Laboratory Reference: 1412-299

Project: 1412-2091

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	B10-2091-7					
Laboratory ID:	12-299-15					
1,1,2-Trichloroethane	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Tetrachloroethene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
1,3-Dichloropropane	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
2-Hexanone	ND	0.0058	EPA 8260C	12-31-14	12-31-14	
Dibromochloromethane	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
1,2-Dibromoethane	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Chlorobenzene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
1,1,1,2-Tetrachloroethane	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Ethylbenzene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
m,p-Xylene	ND	0.0023	EPA 8260C	12-31-14	12-31-14	
o-Xylene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Styrene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Bromoform	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
sopropylbenzene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Bromobenzene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
1,1,2,2-Tetrachloroethane	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
1,2,3-Trichloropropane	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
n-Propylbenzene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
2-Chlorotoluene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
4-Chlorotoluene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
1,3,5-Trimethylbenzene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
ert-Butylbenzene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
1,2,4-Trimethylbenzene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
sec-Butylbenzene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
1,3-Dichlorobenzene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
o-Isopropyltoluene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
1,4-Dichlorobenzene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
1,2-Dichlorobenzene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
n-Butylbenzene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
1,2-Dibromo-3-chloropropane	ND	0.0058	EPA 8260C	12-31-14	12-31-14	
1,2,4-Trichlorobenzene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
-lexachlorobutadiene	ND	0.0058	EPA 8260C	12-31-14	12-31-14	
Naphthalene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
1,2,3-Trichlorobenzene	ND	0.0012	EPA 8260C	12-31-14	12-31-14	
Surrogate:	Percent Recovery	Control Limits	<u> </u>			
Dibromofluoromethane	102	76-131				
Toluene-d8	102	82-129				
4-Bromofluorobenzene	101	79-126				
. 5. 3.110.100.0001120110	101	10 120				

Laboratory Reference: 1412-299

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	B11-2091-10					
Laboratory ID:	12-299-16					
Dichlorodifluoromethane	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
Chloromethane	ND	0.0063	EPA 8260C	12-31-14	12-31-14	
Vinyl Chloride	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
Bromomethane	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
Chloroethane	ND	0.0063	EPA 8260C	12-31-14	12-31-14	
Trichlorofluoromethane	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
1,1-Dichloroethene	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
Acetone	ND	0.0063	EPA 8260C	12-31-14	12-31-14	
Iodomethane	ND	0.0063	EPA 8260C	12-31-14	12-31-14	
Carbon Disulfide	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
Methylene Chloride	ND	0.0063	EPA 8260C	12-31-14	12-31-14	
(trans) 1,2-Dichloroethene	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
Methyl t-Butyl Ether	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
1,1-Dichloroethane	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
Vinyl Acetate	ND	0.0063	EPA 8260C	12-31-14	12-31-14	
2,2-Dichloropropane	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
(cis) 1,2-Dichloroethene	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
2-Butanone	ND	0.0063	EPA 8260C	12-31-14	12-31-14	
Bromochloromethane	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
Chloroform	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
1,1,1-Trichloroethane	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
Carbon Tetrachloride	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
1,1-Dichloropropene	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
Benzene	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
1,2-Dichloroethane	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
Trichloroethene	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
1,2-Dichloropropane	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
Dibromomethane	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
Bromodichloromethane	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
2-Chloroethyl Vinyl Ether	ND	0.0063	EPA 8260C	12-31-14	12-31-14	
(cis) 1,3-Dichloropropene	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
Methyl Isobutyl Ketone	ND	0.0063	EPA 8260C	12-31-14	12-31-14	
Toluene	ND	0.0063	EPA 8260C	12-31-14	12-31-14	
(trans) 1,3-Dichloropropene	ND	0.0013	EPA 8260C	12-31-14	12-31-14	
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Laboratory Reference: 1412-299

Project: 1412-2091

VOLATILES EPA 8260C

Client ID: B11-2091-10 Laboratory ID: 12-299-16 1,1,2-Trichloroethane ND 0.0013 EPA 8260C Tetrachloroethene ND 0.0013 EPA 8260C 1,3-Dichloropropane ND 0.0013 EPA 8260C 2-Hexanone ND 0.0063 EPA 8260C Dibromochloromethane ND 0.0013 EPA 8260C 1,2-Dibromoethane ND 0.0013 EPA 8260C 1,2-Dibromoethane ND 0.0013 EPA 8260C 1,1,1,2-Tetrachloroethane ND 0.0013 EPA 8260C Ethylbenzene ND 0.0013 EPA 8260C Ethylenzene ND 0.0013 EPA 8260C Styrene ND 0.0013 EPA 8260C Styrene ND 0.0013 EPA 8260C Bromoform ND 0.0013 EPA 8260C Bromobenzene ND 0.0013 EPA 8260C 1,1,2,2-Tetrachloroethane ND 0.0013 EPA 8260C	12-31-14 12-31-14 12-31-14 12-31-14 12-31-14 12-31-14 12-31-14 12-31-14 12-31-14 12-31-14 12-31-14 12-31-14 12-31-14 12-31-14 12-31-14 12-31-14 12-31-14	12-31-14 12-31-14 12-31-14 12-31-14 12-31-14 12-31-14 12-31-14 12-31-14 12-31-14 12-31-14 12-31-14 12-31-14 12-31-14 12-31-14 12-31-14 12-31-14 12-31-14	Flags
12-299-16 12-299-16 12-299-16 17,1,2-Trichloroethane ND 0.0013 EPA 8260C 1,3-Dichloropropane ND 0.0013 EPA 8260C 1,3-Dichloropropane ND 0.0013 EPA 8260C 2-Hexanone ND 0.0063 EPA 8260C 1,2-Dibromoethane ND 0.0013 EPA 8260C 1,2-Dibromoethane ND 0.0013 EPA 8260C 1,2-Dibromoethane ND 0.0013 EPA 8260C 1,1,1,2-Tetrachloroethane ND 0.0013 EPA 8260C 1,1,1,2-Tetrachloroethane ND 0.0013 EPA 8260C Ethylbenzene ND 0.0013 EPA 8260C EPA 8260C	12-31-14 12-31-14 12-31-14 12-31-14 12-31-14 12-31-14 12-31-14 12-31-14 12-31-14 12-31-14 12-31-14 12-31-14 12-31-14 12-31-14 12-31-14	12-31-14 12-31-14 12-31-14 12-31-14 12-31-14 12-31-14 12-31-14 12-31-14 12-31-14 12-31-14 12-31-14 12-31-14 12-31-14 12-31-14	
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Separation	12-31-14 12-31-14 12-31-14 12-31-14	12-31-14 12-31-14 12-31-14	
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1,3,5-Trimethylbenzene ND 0.0013 EPA 8260C 1,2,4-Trimethylbenzene ND 0.0013 EPA 8260C 1,2,4-Trimethylbenzene ND 0.0013 EPA 8260C 1,2,4-Trimethylbenzene ND 0.0013 EPA 8260C	12-31-14	12-31-14	
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sec-Butylbenzene ND 0.0013 EPA 8260C	12-31-14	12-31-14	
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	12-31-14	12-31-14	
p-Isopropyltoluene ND 0.0013 EPA 8260C	12-31-14	12-31-14	
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1,2-Dichlorobenzene ND 0.0013 EPA 8260C	12-31-14	12-31-14	
	12-31-14	12-31-14	
1,2-Dibromo-3-chloropropane ND 0.0063 EPA 8260C	12-31-14	12-31-14	
1,2,4-Trichlorobenzene ND 0.0013 EPA 8260C	12-31-14	12-31-14	
Hexachlorobutadiene ND 0.0063 EPA 8260C	12-31-14	12-31-14	
Naphthalene ND 0.0013 EPA 8260C	12-31-14	12-31-14	
1,2,3-Trichlorobenzene ND 0.0013 EPA 8260C	12-31-14	12-31-14	
Surrogate: Percent Recovery Control Limits			
Dibromofluoromethane 111 76-131			
Toluene-d8 108 82-129			
4-Bromofluorobenzene 110 79-126			

Laboratory Reference: 1412-299

Project: 1412-2091

VOLATILES by EPA 8260C METHOD BLANK QUALITY CONTROL

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Laboratory ID:	MB1231S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
Chloromethane	ND	0.0050	EPA 8260C	12-31-14	12-31-14	
Vinyl Chloride	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
Bromomethane	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
Chloroethane	ND	0.0050	EPA 8260C	12-31-14	12-31-14	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
Acetone	ND	0.0050	EPA 8260C	12-31-14	12-31-14	
Iodomethane	ND	0.0050	EPA 8260C	12-31-14	12-31-14	
Carbon Disulfide	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
Methylene Chloride	ND	0.0050	EPA 8260C	12-31-14	12-31-14	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
Vinyl Acetate	ND	0.0050	EPA 8260C	12-31-14	12-31-14	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
2-Butanone	ND	0.0050	EPA 8260C	12-31-14	12-31-14	
Bromochloromethane	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
Chloroform	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
Benzene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
Trichloroethene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
Dibromomethane	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
Bromodichloromethane	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260C	12-31-14	12-31-14	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260C	12-31-14	12-31-14	
Toluene	ND	0.0050	EPA 8260C	12-31-14	12-31-14	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	

Laboratory Reference: 1412-299

Project: 1412-2091

VOLATILES by EPA 8260C METHOD BLANK QUALITY CONTROL

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Laboratory ID:	MB1231S1					
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
Tetrachloroethene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
2-Hexanone	ND	0.0050	EPA 8260C	12-31-14	12-31-14	
Dibromochloromethane	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
Chlorobenzene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
Ethylbenzene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
m,p-Xylene	ND	0.0020	EPA 8260C	12-31-14	12-31-14	
o-Xylene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
Styrene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
Bromoform	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
Isopropylbenzene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
Bromobenzene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
n-Propylbenzene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
2-Chlorotoluene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
4-Chlorotoluene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
tert-Butylbenzene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
sec-Butylbenzene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
n-Butylbenzene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
1,2-Dibromo-3-chloropropane		0.0050	EPA 8260C	12-31-14	12-31-14	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
Hexachlorobutadiene	ND	0.0050	EPA 8260C	12-31-14	12-31-14	
Naphthalene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	12-31-14	12-31-14	
Surrogate:	Percent Recovery	Control Limits		.20111	12 01 11	
Dibromofluoromethane	111	76-131				
Toluene-d8	111	82-129				
4-Bromofluorobenzene	110	79-126				
T DI OTTOTIGOTODGITZGITG	110	13-120				

Laboratory Reference: 1412-299

Project: 1412-2091

VOLATILES by EPA 8260C METHOD BLANK QUALITY CONTROL

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Laboratory ID:	MB0108S1					
Dichlorodifluoromethane	ND	0.0010	EPA 8260C	1-8-15	1-8-15	
Chloromethane	ND	0.0050	EPA 8260C	1-8-15	1-8-15	
Vinyl Chloride	ND	0.0010	EPA 8260C	1-8-15	1-8-15	
Bromomethane	ND	0.0010	EPA 8260C	1-8-15	1-8-15	
Chloroethane	ND	0.0050	EPA 8260C	1-8-15	1-8-15	
Trichlorofluoromethane	ND	0.0010	EPA 8260C	1-8-15	1-8-15	
1,1-Dichloroethene	ND	0.0010	EPA 8260C	1-8-15	1-8-15	
Acetone	ND	0.0050	EPA 8260C	1-8-15	1-8-15	
lodomethane	ND	0.0050	EPA 8260C	1-8-15	1-8-15	
Carbon Disulfide	ND	0.0010	EPA 8260C	1-8-15	1-8-15	
Methylene Chloride	ND	0.0050	EPA 8260C	1-8-15	1-8-15	
(trans) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	1-8-15	1-8-15	
Methyl t-Butyl Ether	ND	0.0010	EPA 8260C	1-8-15	1-8-15	
1,1-Dichloroethane	ND	0.0010	EPA 8260C	1-8-15	1-8-15	
Vinyl Acetate	ND	0.0050	EPA 8260C	1-8-15	1-8-15	
2,2-Dichloropropane	ND	0.0010	EPA 8260C	1-8-15	1-8-15	
(cis) 1,2-Dichloroethene	ND	0.0010	EPA 8260C	1-8-15	1-8-15	
2-Butanone	ND	0.0050	EPA 8260C	1-8-15	1-8-15	
Bromochloromethane	ND	0.0010	EPA 8260C	1-8-15	1-8-15	
Chloroform	ND	0.0010	EPA 8260C	1-8-15	1-8-15	
1,1,1-Trichloroethane	ND	0.0010	EPA 8260C	1-8-15	1-8-15	
Carbon Tetrachloride	ND	0.0010	EPA 8260C	1-8-15	1-8-15	
1,1-Dichloropropene	ND	0.0010	EPA 8260C	1-8-15	1-8-15	
Benzene	ND	0.0010	EPA 8260C	1-8-15	1-8-15	
1,2-Dichloroethane	ND	0.0010	EPA 8260C	1-8-15	1-8-15	
Trichloroethene	ND	0.0010	EPA 8260C	1-8-15	1-8-15	
1,2-Dichloropropane	ND	0.0010	EPA 8260C	1-8-15	1-8-15	
Dibromomethane	ND	0.0010	EPA 8260C	1-8-15	1-8-15	
Bromodichloromethane	ND	0.0010	EPA 8260C	1-8-15	1-8-15	
2-Chloroethyl Vinyl Ether	ND	0.0050	EPA 8260C	1-8-15	1-8-15	
(cis) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	1-8-15	1-8-15	
Methyl Isobutyl Ketone	ND	0.0050	EPA 8260C	1-8-15	1-8-15	
Toluene	ND	0.0050	EPA 8260C	1-8-15	1-8-15	
(trans) 1,3-Dichloropropene	ND	0.0010	EPA 8260C	1-8-15	1-8-15	
(5.50.0		. 5 .5		

Laboratory Reference: 1412-299

Project: 1412-2091

VOLATILES by EPA 8260C METHOD BLANK QUALITY CONTROL

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Laboratory ID:	MD0400C4					
Laboratory ID: 1,1,2-Trichloroethane	MB0108S1 ND	0.0010	EPA 8260C	1-8-15	1-8-15	
Tetrachloroethene	ND	0.0010	EPA 8260C	1-8-15	1-8-15	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	1-8-15	1-8-15	
2-Hexanone	ND	0.0050	EPA 8260C	1-8-15	1-8-15	
Dibromochloromethane	ND	0.0030	EPA 8260C	1-8-15	1-8-15	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	1-8-15	1-8-15	
Chlorobenzene	ND	0.0010	EPA 8260C	1-8-15	1-8-15	
1,1,1,2-Tetrachloroethane	ND ND	0.0010	EPA 8260C	1-8-15	1-8-15	
	ND ND	0.0010	EPA 8260C	1-8-15	1-8-15	
Ethylbenzene m.n. Yylono	ND ND	0.0010	EPA 8260C	1-8-15	1-8-15	
m,p-Xylene	ND ND	0.0020	EPA 8260C	1-8-15	1-8-15	
o-Xylene	ND ND	0.0010	EPA 8260C	1-8-15	1-8-15	
Styrene	ND ND					
Bromoform		0.0010	EPA 8260C	1-8-15	1-8-15	
Isopropylbenzene	ND	0.0010	EPA 8260C	1-8-15	1-8-15	
Bromobenzene	ND	0.0010	EPA 8260C	1-8-15	1-8-15	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	1-8-15	1-8-15	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	1-8-15	1-8-15	
n-Propylbenzene	ND	0.0010	EPA 8260C	1-8-15	1-8-15	
2-Chlorotoluene	ND	0.0010	EPA 8260C	1-8-15	1-8-15	
4-Chlorotoluene	ND	0.0010	EPA 8260C	1-8-15	1-8-15	
1,3,5-Trimethylbenzene	ND	0.0010	EPA 8260C	1-8-15	1-8-15	
tert-Butylbenzene	ND	0.0010	EPA 8260C	1-8-15	1-8-15	
1,2,4-Trimethylbenzene	ND	0.0010	EPA 8260C	1-8-15	1-8-15	
sec-Butylbenzene	ND	0.0010	EPA 8260C	1-8-15	1-8-15	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	1-8-15	1-8-15	
p-Isopropyltoluene	ND	0.0010	EPA 8260C	1-8-15	1-8-15	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	1-8-15	1-8-15	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	1-8-15	1-8-15	
n-Butylbenzene	ND	0.0010	EPA 8260C	1-8-15	1-8-15	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260C	1-8-15	1-8-15	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	1-8-15	1-8-15	
Hexachlorobutadiene	ND	0.0050	EPA 8260C	1-8-15	1-8-15	
Naphthalene	ND	0.0050	EPA 8260C	1-8-15	1-8-15	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	1-8-15	1-8-15	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	113	76-131				
Toluene-d8	111	82-129				
4-Bromofluorobenzene	114	79-126				

Laboratory Reference: 1412-299

Project: 1412-2091

VOLATILES by EPA 8260C SB/SBD QUALITY CONTROL

					Per	cent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Reco	overy	Limits	RPD	Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB12	31S1								
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0455	0.0459	0.0500	0.0500	91	92	66-129	1	15	
Benzene	0.0516	0.0510	0.0500	0.0500	103	102	71-123	1	15	
Trichloroethene	0.0476	0.0473	0.0500	0.0500	95	95	75-115	1	15	
Toluene	0.0491	0.0486	0.0500	0.0500	98	97	75-120	1	15	
Chlorobenzene	0.0449	0.0446	0.0500	0.0500	90	89	75-121	1	15	
Surrogate:										
Dibromofluoromethane					101	102	76-131			
Toluene-d8					100	101	82-129			
4-Bromofluorobenzene					100	102	79-126			

Laboratory Reference: 1412-299

Project: 1412-2091

VOLATILES by EPA 8260C SB/SBD QUALITY CONTROL

					Per	cent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Reco	overy	Limits	RPD	Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB01	08S1								
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0482	0.0505	0.0500	0.0500	96	101	66-129	5	15	
Benzene	0.0547	0.0563	0.0500	0.0500	109	113	71-123	3	15	
Trichloroethene	0.0500	0.0491	0.0500	0.0500	100	98	75-115	2	15	
Toluene	0.0519	0.0511	0.0500	0.0500	104	102	75-120	2	15	
Chlorobenzene	0.0435	0.0432	0.0500	0.0500	87	86	75-121	1	15	
Surrogate:										
Dibromofluoromethane					103	106	76-131			
Toluene-d8					104	101	82-129			
4-Bromofluorobenzene					104	102	79-126			

Laboratory Reference: 1412-299

Project: 1412-2091

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Matrix: Water Units: ug/L

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	B1-2091-GW					
Laboratory ID:	12-299-02					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Chloromethane	ND	1.0	EPA 8260C	1-8-15	1-8-15	
Vinyl Chloride	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Bromomethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Chloroethane	ND	1.0	EPA 8260C	1-8-15	1-8-15	
Trichlorofluoromethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,1-Dichloroethene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Acetone	ND	5.0	EPA 8260C	1-8-15	1-8-15	
lodomethane	ND	1.0	EPA 8260C	1-8-15	1-8-15	
Carbon Disulfide	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Methylene Chloride	ND	1.0	EPA 8260C	1-8-15	1-8-15	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,1-Dichloroethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Vinyl Acetate	ND	1.0	EPA 8260C	1-8-15	1-8-15	
2,2-Dichloropropane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
2-Butanone	ND	5.0	EPA 8260C	1-8-15	1-8-15	
Bromochloromethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Chloroform	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Carbon Tetrachloride	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,1-Dichloropropene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Benzene	0.40	0.20	EPA 8260C	1-8-15	1-8-15	
1,2-Dichloroethane	0.33	0.20	EPA 8260C	1-8-15	1-8-15	
Trichloroethene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,2-Dichloropropane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Dibromomethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Bromodichloromethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	1-8-15	1-8-15	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	1-8-15	1-8-15	
Toluene	ND	1.0	EPA 8260C	1-8-15	1-8-15	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	1-8-15	1-8-15	

Laboratory Reference: 1412-299

Project: 1412-2091

VOLATILES EPA 8260C

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Analyze Result PQL Method Prepared Analyzed Flags Client ID: B1-2091-GW Laboratory ID: 12:299-02 1.1.2-Trichloroethane ND 0.20 EPA 8260C 1.8-15 1.8					Date	Date	
Laboratory ID:	Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
1,1,2-Trichloroethane	Client ID:	B1-2091-GW					
Tetrachloroethene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,3-Dichloropropane ND 0.20 EPA 8260C 1-8-15 1-8-15 2-Hexanone ND 0.20 EPA 8260C 1-8-15 1-8-15 Dibromochloromethane ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2-Dibromoethane ND 0.20 EPA 8260C 1-8-15 1-8-15 1,1,1,2-Tetrachloroethane ND 0.20 EPA 8260C 1-8-15 1-8-15 1,1,1,2-Tetrachloroethane ND 0.20 EPA 8260C 1-8-15 1-8-15 1,1,1,2-Tetrachloroethane ND 0.20 EPA 8260C 1-8-15 1-8-15 mp-Xylene 0.29 0.20 EPA 8260C 1-8-15 1-8-15 mp-Xylene 0.35 0.20 EPA 8260C 1-8-15 1-8-15 styrene ND 0.20 EPA 8260C 1-8-15 1-8-15 styrene ND 1.0 EPA 8260C 1-8-15 1-8-15	Laboratory ID:	12-299-02					
1,3-Dichloropropane ND 0.20 EPA 8260C 1-8-15 1-8-15 2-Hexanone ND 2.0 EPA 8260C 1-8-15 1-8-15 Dibromochloromethane ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2-Dibromochlane ND 0.20 EPA 8260C 1-8-15 1-8-15 Chlorobenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,1,1,2-Tetrachloroethane ND 0.20 EPA 8260C 1-8-15 1-8-15 Ethylbenzene 0.29 0.20 EPA 8260C 1-8-15 1-8-15 Ethylbenzene 0.29 0.20 EPA 8260C 1-8-15 1-8-15 Mylene 1.2 0.40 EPA 8260C 1-8-15 1-8-15 Styrene ND 0.20 EPA 8260C 1-8-15 1-8-15 Styrene ND 0.20 EPA 8260C 1-8-15 1-8-15 Isopropylbenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 Isoprop	1,1,2-Trichloroethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
2-Hexanone ND 2.0 EPA 8260C 1-8-15 1-8-15 Dibromochloromethane ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2-Dibromochlane ND 0.20 EPA 8260C 1-8-15 1-8-15 Chlorobenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,1,1,2-Tetrachloroethane 1.2 0.40 EPA 8260C 1-8-15 1-8-15 0.24/lene 0.35 0.20 EPA 8260C 1-8-15 1-8-15 Styrene ND 0.20 EPA 8260C 1-8-15 1-8-15 Bromoform ND 1.0 EPA 8260C 1-8-15 1-8-15 Isopropylbenzene ND 0.20 EPA 8260C 1-8-15 1-8-15	Tetrachloroethene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Dibromochloromethane ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2-Dibromoethane ND 0.20 EPA 8260C 1-8-15 1-8-15 Chlorobenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 L1,1,2-Tetrachloroethane ND 0.20 EPA 8260C 1-8-15 1-8-15 Ethylbenzene 0.29 0.20 EPA 8260C 1-8-15 1-8-15 m,p-Xylene 1.2 0.40 EPA 8260C 1-8-15 1-8-15 m,p-Xylene 0.35 0.20 EPA 8260C 1-8-15 1-8-15 o-Xylene 0.35 0.20 EPA 8260C 1-8-15 1-8-15 Styrene ND 0.20 EPA 8260C 1-8-15 1-8-15 Bromoform ND 1.0 EPA 8260C 1-8-15 1-8-15 Isopropylbenzene 0.26 0.20 EPA 8260C 1-8-15 1-8-15 Isopropylbenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 I-2,3	1,3-Dichloropropane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,2-Dibromoethane ND 0.20 EPA 8260C 1-8-15 1-8-15 Chlorobenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,1,1,2-Tetrachloroethane ND 0.20 EPA 8260C 1-8-15 1-8-15 Ethylbenzene 0.29 0.20 EPA 8260C 1-8-15 1-8-15 m,p-Xylene 1.2 0.40 EPA 8260C 1-8-15 1-8-15 o-Xylene 0.35 0.20 EPA 8260C 1-8-15 1-8-15 Styrene ND 0.20 EPA 8260C 1-8-15 1-8-15 Bromoform ND 1.0 EPA 8260C 1-8-15 1-8-15 Isopropylbenzene 0.26 0.20 EPA 8260C 1-8-15 1-8-15 Bromobenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 In-2,3-Trichloroethane ND 0.20 EPA 8260C 1-8-15 1-8-15 In-Propylbenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 In	2-Hexanone	ND	2.0	EPA 8260C	1-8-15	1-8-15	
Chlorobenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,1,1,2-Tetrachloroethane ND 0.20 EPA 8260C 1-8-15 1-8-15 Ethylbenzene 0.29 0.20 EPA 8260C 1-8-15 1-8-15 m,p-Xylene 1.2 0.40 EPA 8260C 1-8-15 1-8-15 o-Xylene 0.35 0.20 EPA 8260C 1-8-15 1-8-15 Styrene ND 0.20 EPA 8260C 1-8-15 1-8-15 Bromoform ND 1.0 EPA 8260C 1-8-15 1-8-15 Isopropylbenzene 0.26 0.20 EPA 8260C 1-8-15 1-8-15 Isopropylbenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 Isopr	Dibromochloromethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,1,1,2-Tetrachloroethane ND 0.20 EPA 8260C 1-8-15 1-8-15 Ethylbenzene 0.29 0.20 EPA 8260C 1-8-15 1-8-15 m,p-Xylene 1.2 0.40 EPA 8260C 1-8-15 1-8-15 o-Xylene 0.35 0.20 EPA 8260C 1-8-15 1-8-15 Styrene ND 0.20 EPA 8260C 1-8-15 1-8-15 Bromoform ND 1.0 EPA 8260C 1-8-15 1-8-15 Isopropylbenzene 0.26 0.20 EPA 8260C 1-8-15 1-8-15 Isopropylbenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 Isopropylbenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 Isopropylbenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2,3-Trichloropropane ND 0.20 EPA 8260C 1-8-15 1-8-15 n-Propylbenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 <	1,2-Dibromoethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Ethylbenzene 0.29 0.20 EPA 8260C 1-8-15 1-8-15 m,p-Xylene 1.2 0.40 EPA 8260C 1-8-15 1-8-15 o-Xylene 0.35 0.20 EPA 8260C 1-8-15 1-8-15 Styrene ND 0.20 EPA 8260C 1-8-15 1-8-15 Bromoform ND 1.0 EPA 8260C 1-8-15 1-8-15 Isopropylbenzene 0.26 0.20 EPA 8260C 1-8-15 1-8-15 Bromobenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,1,2,2-Tetrachloroethane ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2,3-Trichloroptopane ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2,3-Trichloroptopane ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2,3-Trichloroptopane ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2-Pa 8260C 1-8-15 1-8-15 1-8-15 1-8-15 1-8-15	Chlorobenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
m,p-Xylene 1.2 0.40 EPA 8260C 1-8-15 1-8-15 o-Xylene 0.35 0.20 EPA 8260C 1-8-15 1-8-15 Styrene ND 0.20 EPA 8260C 1-8-15 1-8-15 Bromoform ND 1.0 EPA 8260C 1-8-15 1-8-15 Isopropylbenzene 0.26 0.20 EPA 8260C 1-8-15 1-8-15 Bromobenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,1,2,2-Tetrachloroethane ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2,3-Trichloropropane ND 0.20 EPA 8260C 1-8-15 1-8-15 n-Propylbenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2,3-Trichloropropane ND 0.20 EPA 8260C 1-8-15 1-8-15 1-Propylbenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 2-Chlorotoluene ND 0.20 EPA 8260C 1-8-15 1-8-15	1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
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Styrene ND 0.20 EPA 8260C 1-8-15 1-8-15 Bromoform ND 1.0 EPA 8260C 1-8-15 1-8-15 Isopropylbenzene 0.26 0.20 EPA 8260C 1-8-15 1-8-15 Bromobenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,1,2,2-Tetrachloroethane ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2,3-Trichloropropane ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2,3-Trichloropropane ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2,3-Trichloropropane ND 0.20 EPA 8260C 1-8-15 1-8-15 4-Chlorotoluene ND 0.20 EPA 8260C 1-8-15 1-8-15 4-Chlorotoluene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,3,5-Trimethylbenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2,4-Trimethylbenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 </td <td>m,p-Xylene</td> <td>1.2</td> <td>0.40</td> <td>EPA 8260C</td> <td>1-8-15</td> <td>1-8-15</td> <td></td>	m,p-Xylene	1.2	0.40	EPA 8260C	1-8-15	1-8-15	
Bromoform ND 1.0 EPA 8260C 1-8-15 1-8-15 Isopropylbenzene 0.26 0.20 EPA 8260C 1-8-15 1-8-15 Bromobenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,1,2,2-Tetrachloroethane ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2,3-Trichloropropane ND 0.20 EPA 8260C 1-8-15 1-8-15 n-Propylbenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 2-Chlorotoluene ND 0.20 EPA 8260C 1-8-15 1-8-15 4-Chlorotoluene ND 0.20 EPA 8260C 1-8-15 1-8-15 4-Chlorotoluene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,3,5-Trimethylbenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2,4-Trimethylbenzene 0.43 0.20 EPA 8260C 1-8-15 1-8-15 1,3-Dichlorobenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 </td <td>o-Xylene</td> <td>0.35</td> <td>0.20</td> <td>EPA 8260C</td> <td>1-8-15</td> <td>1-8-15</td> <td></td>	o-Xylene	0.35	0.20	EPA 8260C	1-8-15	1-8-15	
Isopropylbenzene 0.26 0.20 EPA 8260C 1-8-15 1	Styrene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Bromobenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,1,2,2-Tetrachloroethane ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2,3-Trichloropropane ND 0.20 EPA 8260C 1-8-15 1-8-15 n-Propylbenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 2-Chlorotoluene ND 0.20 EPA 8260C 1-8-15 1-8-15 4-Chlorotoluene ND 0.20 EPA 8260C 1-8-15 1-8-15 4-Chlorotoluene ND 0.20 EPA 8260C 1-8-15 1-8-15 4-Chlorotoluene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,3,5-Trimethylbenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2,4-Trimethylbenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,3-Dichlorobenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,4-Dichlorobenzene ND 0.20 EPA 8260C 1-8-15 1-	Bromoform	ND	1.0	EPA 8260C	1-8-15	1-8-15	
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1,2,3-Trichloropropane ND 0.20 EPA 8260C 1-8-15 1-8-15 n-Propylbenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 2-Chlorotoluene ND 0.20 EPA 8260C 1-8-15 1-8-15 4-Chlorotoluene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,3,5-Trimethylbenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 tert-Butylbenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2,4-Trimethylbenzene 0.43 0.20 EPA 8260C 1-8-15 1-8-15 1,3-Dichlorobenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,3-Dichlorobenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,4-Dichlorobenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,4-Dichlorobenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2-Dichlorobenzene ND 0.20 EPA 8260C 1-8-15	Bromobenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
n-Propylbenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 2-Chlorotoluene ND 0.20 EPA 8260C 1-8-15 1-8-15 4-Chlorotoluene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,3,5-Trimethylbenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 tert-Butylbenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2,4-Trimethylbenzene 0.43 0.20 EPA 8260C 1-8-15 1-8-15 sec-Butylbenzene 0.36 0.20 EPA 8260C 1-8-15 1-8-15 1,3-Dichlorobenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,3-Dispropyltoluene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,4-Dichlorobenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2-Dichlorobenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2-Dibromo-3-chloropropane ND 0.20 EPA 8260C 1-8-15	1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
2-Chlorotoluene ND 0.20 EPA 8260C 1-8-15 1-8-15 4-Chlorotoluene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,3,5-Trimethylbenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 tert-Butylbenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2,4-Trimethylbenzene 0.43 0.20 EPA 8260C 1-8-15 1-8-15 1,2,4-Trimethylbenzene 0.36 0.20 EPA 8260C 1-8-15 1-8-15 1,3-Dichlorobenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,3-Dichlorobenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,4-Dichlorobenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2-Dichlorobenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2-Dibromo-3-chloropropane ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2,4-Trichlorobenzene ND 0.20 EPA 8260C	1,2,3-Trichloropropane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
4-Chlorotoluene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,3,5-Trimethylbenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 tert-Butylbenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2,4-Trimethylbenzene 0.43 0.20 EPA 8260C 1-8-15 1-8-15 sec-Butylbenzene 0.36 0.20 EPA 8260C 1-8-15 1-8-15 1,3-Dichlorobenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 p-Isopropyltoluene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,4-Dichlorobenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2-Dichlorobenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 n-Butylbenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2-Dibromo-3-chloropropane ND 1.0 EPA 8260C 1-8-15 1-8-15 1,2,4-Trichlorobenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 Hexachlorobutadiene ND 0.20 EPA 8	n-Propylbenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
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tert-Butylbenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2,4-Trimethylbenzene 0.43 0.20 EPA 8260C 1-8-15 1-8-15 sec-Butylbenzene 0.36 0.20 EPA 8260C 1-8-15 1-8-15 1,3-Dichlorobenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 p-Isopropyltoluene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,4-Dichlorobenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2-Dichlorobenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2-Dibromo-3-chloropropane ND 1.0 EPA 8260C 1-8-15 1-8-15 1,2,4-Trichlorobenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 Hexachlorobutadiene ND 0.20 EPA 8260C 1-8-15 1-8-15 Naphthalene ND 1.0 EPA 8260C 1-8-15 1-8-15	4-Chlorotoluene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
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sec-Butylbenzene 0.36 0.20 EPA 8260C 1-8-15 1-8-15 1,3-Dichlorobenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 p-Isopropyltoluene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,4-Dichlorobenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2-Dichlorobenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 n-Butylbenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2-Dibromo-3-chloropropane ND 1.0 EPA 8260C 1-8-15 1-8-15 1,2,4-Trichlorobenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 Hexachlorobutadiene ND 0.20 EPA 8260C 1-8-15 1-8-15 Naphthalene ND 1.0 EPA 8260C 1-8-15 1-8-15	tert-Butylbenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,3-Dichlorobenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 p-Isopropyltoluene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,4-Dichlorobenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2-Dichlorobenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 n-Butylbenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2-Dibromo-3-chloropropane ND 1.0 EPA 8260C 1-8-15 1-8-15 1,2,4-Trichlorobenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 Hexachlorobutadiene ND 0.20 EPA 8260C 1-8-15 1-8-15 Naphthalene ND 1.0 EPA 8260C 1-8-15 1-8-15	1,2,4-Trimethylbenzene	0.43	0.20	EPA 8260C	1-8-15	1-8-15	
p-Isopropyltoluene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,4-Dichlorobenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2-Dichlorobenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 n-Butylbenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2-Dibromo-3-chloropropane ND 1.0 EPA 8260C 1-8-15 1-8-15 1,2,4-Trichlorobenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 Hexachlorobutadiene ND 0.20 EPA 8260C 1-8-15 1-8-15 Naphthalene ND 1.0 EPA 8260C 1-8-15 1-8-15	sec-Butylbenzene	0.36	0.20	EPA 8260C	1-8-15	1-8-15	
1,4-Dichlorobenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2-Dichlorobenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 n-Butylbenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2-Dibromo-3-chloropropane ND 1.0 EPA 8260C 1-8-15 1-8-15 1,2,4-Trichlorobenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 Hexachlorobutadiene ND 0.20 EPA 8260C 1-8-15 1-8-15 Naphthalene ND 1.0 EPA 8260C 1-8-15 1-8-15	1,3-Dichlorobenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,2-Dichlorobenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 n-Butylbenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2-Dibromo-3-chloropropane ND 1.0 EPA 8260C 1-8-15 1-8-15 1,2,4-Trichlorobenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 Hexachlorobutadiene ND 0.20 EPA 8260C 1-8-15 1-8-15 Naphthalene ND 1.0 EPA 8260C 1-8-15 1-8-15	p-Isopropyltoluene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
n-Butylbenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2-Dibromo-3-chloropropane ND 1.0 EPA 8260C 1-8-15 1-8-15 1,2,4-Trichlorobenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 Hexachlorobutadiene ND 0.20 EPA 8260C 1-8-15 1-8-15 Naphthalene ND 1.0 EPA 8260C 1-8-15 1-8-15	1,4-Dichlorobenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,2-Dibromo-3-chloropropane ND 1.0 EPA 8260C 1-8-15 1-8-15 1,2,4-Trichlorobenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 Hexachlorobutadiene ND 0.20 EPA 8260C 1-8-15 1-8-15 Naphthalene ND 1.0 EPA 8260C 1-8-15 1-8-15	1,2-Dichlorobenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,2,4-Trichlorobenzene ND 0.20 EPA 8260C 1-8-15 1-8-15 Hexachlorobutadiene ND 0.20 EPA 8260C 1-8-15 1-8-15 Naphthalene ND 1.0 EPA 8260C 1-8-15 1-8-15	n-Butylbenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Hexachlorobutadiene ND 0.20 EPA 8260C 1-8-15 1-8-15 Naphthalene ND 1.0 EPA 8260C 1-8-15 1-8-15	1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	1-8-15	1-8-15	
Naphthalene ND 1.0 EPA 8260C 1-8-15 1-8-15	1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
·	Hexachlorobutadiene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,2,3-Trichlorobenzene ND 0.20 EPA 8260C 1-8-15 1-8-15	Naphthalene	ND	1.0	EPA 8260C	1-8-15	1-8-15	
	1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	

Surrogate: Percent Recovery Control Limits
Dibromofluoromethane 107 79-122
Toluene-d8 98 80-120
4-Bromofluorobenzene 96 80-120

Laboratory Reference: 1412-299

Project: 1412-2091

VOLATILES EPA 8260C page 1 of 2

Matrix: Water Units: ug/L

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	B3-2091-GW					
Laboratory ID:	12-299-05					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Chloromethane	ND	1.0	EPA 8260C	1-8-15	1-8-15	
Vinyl Chloride	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Bromomethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Chloroethane	ND	1.0	EPA 8260C	1-8-15	1-8-15	
Trichlorofluoromethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,1-Dichloroethene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Acetone	ND	5.0	EPA 8260C	1-8-15	1-8-15	
Iodomethane	ND	1.0	EPA 8260C	1-8-15	1-8-15	
Carbon Disulfide	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Methylene Chloride	ND	1.0	EPA 8260C	1-8-15	1-8-15	
(trans) 1,2-Dichloroethene	0.78	0.20	EPA 8260C	1-8-15	1-8-15	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,1-Dichloroethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Vinyl Acetate	ND	1.0	EPA 8260C	1-8-15	1-8-15	
2,2-Dichloropropane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
(cis) 1,2-Dichloroethene	39	0.20	EPA 8260C	1-8-15	1-8-15	
2-Butanone	ND	5.0	EPA 8260C	1-8-15	1-8-15	
Bromochloromethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Chloroform	0.24	0.20	EPA 8260C	1-8-15	1-8-15	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Carbon Tetrachloride	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,1-Dichloropropene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Benzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,2-Dichloroethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Trichloroethene	11	0.20	EPA 8260C	1-8-15	1-8-15	
1,2-Dichloropropane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Dibromomethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Bromodichloromethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	1-8-15	1-8-15	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	1-8-15	1-8-15	
Toluene	ND	1.0	EPA 8260C	1-8-15	1-8-15	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	1-8-15	1-8-15	

Laboratory Reference: 1412-299

Project: 1412-2091

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	B3-2091-GW					
Laboratory ID:	12-299-05					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Tetrachloroethene	40	0.20	EPA 8260C	1-8-15	1-8-15	
1,3-Dichloropropane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
2-Hexanone	ND	2.0	EPA 8260C	1-8-15	1-8-15	
Dibromochloromethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,2-Dibromoethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Chlorobenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Ethylbenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
m,p-Xylene	0.49	0.40	EPA 8260C	1-8-15	1-8-15	
o-Xylene	0.23	0.20	EPA 8260C	1-8-15	1-8-15	
Styrene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Bromoform	ND	1.0	EPA 8260C	1-8-15	1-8-15	
Isopropylbenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Bromobenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
n-Propylbenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
2-Chlorotoluene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
4-Chlorotoluene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
tert-Butylbenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
sec-Butylbenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
p-Isopropyltoluene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
n-Butylbenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	1-8-15	1-8-15	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Hexachlorobutadiene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Naphthalene	ND	1.0	EPA 8260C	1-8-15	1-8-15	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Surrogate:	Percent Recovery	Control Limits		-	-	

Surrogate:Percent RecoveryControl LimitsDibromofluoromethane10379-122Toluene-d810180-1204-Bromofluorobenzene9880-120

Laboratory Reference: 1412-299

Project: 1412-2091

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Matrix: Water Units: ug/L

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	B5-2091-GW					
Laboratory ID:	12-299-08					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Chloromethane	ND	1.0	EPA 8260C	1-8-15	1-8-15	
Vinyl Chloride	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Bromomethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Chloroethane	ND	1.0	EPA 8260C	1-8-15	1-8-15	
Trichlorofluoromethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,1-Dichloroethene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Acetone	ND	5.0	EPA 8260C	1-8-15	1-8-15	
lodomethane	ND	1.0	EPA 8260C	1-8-15	1-8-15	
Carbon Disulfide	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Methylene Chloride	ND	1.0	EPA 8260C	1-8-15	1-8-15	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,1-Dichloroethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Vinyl Acetate	ND	1.0	EPA 8260C	1-8-15	1-8-15	
2,2-Dichloropropane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
2-Butanone	ND	5.0	EPA 8260C	1-8-15	1-8-15	
Bromochloromethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Chloroform	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Carbon Tetrachloride	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,1-Dichloropropene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Benzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,2-Dichloroethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Trichloroethene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,2-Dichloropropane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Dibromomethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Bromodichloromethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	1-8-15	1-8-15	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	1-8-15	1-8-15	
Toluene	ND	1.0	EPA 8260C	1-8-15	1-8-15	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	1-8-15	1-8-15	

Laboratory Reference: 1412-299

Project: 1412-2091

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	B5-2091-GW					
Laboratory ID:	12-299-08					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Tetrachloroethene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,3-Dichloropropane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
2-Hexanone	ND	2.0	EPA 8260C	1-8-15	1-8-15	
Dibromochloromethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,2-Dibromoethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Chlorobenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Ethylbenzene	0.41	0.20	EPA 8260C	1-8-15	1-8-15	
m,p-Xylene	1.3	0.40	EPA 8260C	1-8-15	1-8-15	
o-Xylene	0.62	0.20	EPA 8260C	1-8-15	1-8-15	
Styrene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Bromoform	ND	1.0	EPA 8260C	1-8-15	1-8-15	
Isopropylbenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Bromobenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
n-Propylbenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
2-Chlorotoluene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
4-Chlorotoluene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
tert-Butylbenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
sec-Butylbenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
p-Isopropyltoluene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
n-Butylbenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	1-8-15	1-8-15	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Hexachlorobutadiene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Naphthalene	ND	1.0	EPA 8260C	1-8-15	1-8-15	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Surrogate:	Percent Recovery	Control Limits				

Surrogate: Percent Recovery Control Limit
Dibromofluoromethane 104 79-122
Toluene-d8 104 80-120
4-Bromofluorobenzene 102 80-120

Laboratory Reference: 1412-299

Project: 1412-2091

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Matrix: Water Units: ug/L

Client ID:					Date	Date	
Laboratory ID: 12-299-11 Dichlorodifluoromethane ND 0.20 EPA 8260C 1-8-15 1-8-15 Chloromethane ND 1.0 EPA 8260C 1-8-15 1-8-15 Vinyl Chloride ND 0.20 EPA 8260C 1-8-15 1-8-15 Bromomethane ND 0.20 EPA 8260C 1-8-15 1-8-15 Chloroethane ND 1.0 EPA 8260C 1-8-15 1-8-15 Chloroethane ND 0.20 EPA 8260C 1-8-15 1-8-15 Trickloroffuoromethane ND 0.20 EPA 8260C 1-8-15 1-8-15 Acetone ND 5.0 EPA 8260C 1-8-15 1-8-15 Acetone ND 5.0 EPA 8260C 1-8-15 1-8-15 Carbon Disulfide ND 1.0 EPA 8260C 1-8-15 1-8-15 Methylene Chloride ND 1.0 EPA 8260C 1-8-15 1-8-15 Methylene Chloride ND 0.20 EPA 8260C	Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Dichlorodiffluoromethane	Client ID:	B7-2091-GW					
Chloromethane ND 1.0 EPA 8260C 1-8-15 1-8-15 Vinyl Chloride ND 0.20 EPA 8260C 1-8-15 1-8-15 Bromomethane ND 0.20 EPA 8260C 1-8-15 1-8-15 Chloroethane ND 1.0 EPA 8260C 1-8-15 1-8-15 Trichlorofluoromethane ND 0.20 EPA 8260C 1-8-15 1-8-15 1,1-Dichloroethene ND 0.20 EPA 8260C 1-8-15 1-8-15 Acetone ND 5.0 EPA 8260C 1-8-15 1-8-15 Icodomethane ND 1.0 EPA 8260C 1-8-15 1-8-15 Carbon Disulfide ND 0.20 EPA 8260C 1-8-15 1-8-15 Methylene Chloride ND 1.0 EPA 8260C 1-8-15 1-8-15 Methylene Chloride ND 0.20 EPA 8260C 1-8-15 1-8-15 Methylene Chloride ND 0.20 EPA 8260C 1-8-15 1-8-15	Laboratory ID:	12-299-11					
Vinyl Chloride ND 0.20 EPA 8260C 1-8-15 1-8-15 Bromomethane ND 0.20 EPA 8260C 1-8-15 1-8-15 Chloroethane ND 1.0 EPA 8260C 1-8-15 1-8-15 Triciblorofuoromethane ND 0.20 EPA 8260C 1-8-15 1-8-15 1,1-Dichloroethene ND 0.20 EPA 8260C 1-8-15 1-8-15 Acetone ND 5.0 EPA 8260C 1-8-15 1-8-15 Acetone ND 1.0 EPA 8260C 1-8-15 1-8-15 Icarbon Disulfide ND 0.20 EPA 8260C 1-8-15 1-8-15 Methylene Chloride ND 1.0 EPA 8260C 1-8-15 1-8-15 Methylene Chloroethene ND 0.20 EPA 8260C 1-8-15 1-8-15 Methyl t-Butyl Ether ND 0.20 EPA 8260C 1-8-15 1-8-15 Vinyl Acetate ND 0.20 EPA 8260C 1-8-15 1-8-15 <	Dichlorodifluoromethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Bromomethane ND 0.20 EPA 8260C 1-8-15 1-8-15 Chloroethane ND 1.0 EPA 8260C 1-8-15 1-8-15 Trichlorofluoromethane ND 0.20 EPA 8260C 1-8-15 1-8-15 1,1-Dichloroethene ND 0.20 EPA 8260C 1-8-15 1-8-15 Acetone ND 5.0 EPA 8260C 1-8-15 1-8-15 Acetone ND 1.0 EPA 8260C 1-8-15 1-8-15 Icodomethane ND 1.0 EPA 8260C 1-8-15 1-8-15 Icodomethane ND 1.0 EPA 8260C 1-8-15 1-8-15 Methylene Chloride ND 1.0 EPA 8260C 1-8-15 1-8-15 Methyl t-Butyl Ether ND 0.20 EPA 8260C 1-8-15 1-8-15 Methyl t-Butyl Ether ND 0.20 EPA 8260C 1-8-15 1-8-15 I,1-Dichloroethane ND 0.20 EPA 8260C 1-8-15 1-8-15 Vin	Chloromethane	ND	1.0	EPA 8260C	1-8-15	1-8-15	
Chloroethane ND 1.0 EPA 8260C 1-8-15 1-8-15 Trichlorofluoromethane ND 0.20 EPA 8260C 1-8-15 1-8-15 1,1-Dichloroethene ND 0.20 EPA 8260C 1-8-15 1-8-15 Acetone ND 5.0 EPA 8260C 1-8-15 1-8-15 Iodomethane ND 1.0 EPA 8260C 1-8-15 1-8-15 Carbon Disulfide ND 1.0 EPA 8260C 1-8-15 1-8-15 Methylene Chloride ND 1.0 EPA 8260C 1-8-15 1-8-15 Methylene Chloride ND 1.0 EPA 8260C 1-8-15 1-8-15 Methylene Chloride ND 0.20 EPA 8260C 1-8-15 1-8-15 Methylene Chloride ND 0.20 EPA 8260C 1-8-15 1-8-15 Methylene Chloride ND 0.20 EPA 8260C 1-8-15 1-8-15 1,1-Dichloroethane ND 0.20 EPA 8260C 1-8-15 1-8-15	Vinyl Chloride	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Trichlorofluoromethane ND 0.20 EPA 8260C 1-8-15 1-8-15 1,1-Dichloroethene ND 0.20 EPA 8260C 1-8-15 1-8-15 Acetone ND 5.0 EPA 8260C 1-8-15 1-8-15 Iodomethane ND 1.0 EPA 8260C 1-8-15 1-8-15 Carbon Disulfide ND 0.20 EPA 8260C 1-8-15 1-8-15 Methylene Chloride ND 1.0 EPA 8260C 1-8-15 1-8-15 Methyl t-Buryl Ether ND 0.20 EPA 8260C 1-8-15 1-8-15 Methyl t-Buryl Ether ND 0.20 EPA 8260C 1-8-15 1-8-15 Methyl t-Buryl Ether ND 0.20 EPA 8260C 1-8-15 1-8-15 Methyl t-Buryl Ether ND 0.20 EPA 8260C 1-8-15 1-8-15 Italichloroprothane ND 0.20 EPA 8260C 1-8-15 1-8-15 Vinyl Acetate ND 0.20 EPA 8260C 1-8-15 1-8-15 <	Bromomethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,1-Dichloroethene ND 0.20 EPA 8260C 1-8-15 1-8-15 Acetone ND 5.0 EPA 8260C 1-8-15 1-8-15 Iodomethane ND 1.0 EPA 8260C 1-8-15 1-8-15 Carbon Disulfide ND 0.20 EPA 8260C 1-8-15 1-8-15 Methylene Chloride ND 1.0 EPA 8260C 1-8-15 1-8-15 (trans) 1,2-Dichloroethene ND 0.20 EPA 8260C 1-8-15 1-8-15 Methyl t-Butyl Ether ND 0.20 EPA 8260C 1-8-15 1-8-15 Methyl t-Butyl Ether ND 0.20 EPA 8260C 1-8-15 1-8-15 Methyl t-Butyl Ether ND 0.20 EPA 8260C 1-8-15 1-8-15 Methyl t-Butyl Ether ND 0.20 EPA 8260C 1-8-15 1-8-15 1,1-Dichloroethane ND 0.20 EPA 8260C 1-8-15 1-8-15 2,2-Dichloroethane ND 0.20 EPA 8260C 1-8-15 1-8-15 <td>Chloroethane</td> <td>ND</td> <td>1.0</td> <td>EPA 8260C</td> <td>1-8-15</td> <td>1-8-15</td> <td></td>	Chloroethane	ND	1.0	EPA 8260C	1-8-15	1-8-15	
Acetone ND 5.0 EPA 8260C 1-8-15 1-8-15 Iodomethane ND 1.0 EPA 8260C 1-8-15 1-8-15 Carbon Disulfide ND 0.20 EPA 8260C 1-8-15 1-8-15 Methylene Chloride ND 1.0 EPA 8260C 1-8-15 1-8-15 Methyle Ether ND 0.20 EPA 8260C 1-8-15 1-8-15 Methyl Ether ND 0.20 EPA 8260C 1-8-15 1-8-15 J.1-Dichloroethane ND 0.20 EPA 8260C 1-8-15 1-8-15 Vinyl Acetate ND 0.20 EPA 8260C 1-8-15 1-8-15 2,2-Dichloropropane ND 0.20 EPA 8260C 1-8-15 1-8-15 Ebromochloromet	Trichlorofluoromethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
lodomethane ND 1.0 EPA 8260C 1-8-15 1-8-15 Carbon Disulfide ND 0.20 EPA 8260C 1-8-15 1-8-15 Methylene Chloride ND 1.0 EPA 8260C 1-8-15 1-8-15 Methyl Ether ND 0.20 EPA 8260C 1-8-15 1-8-15 Methyl Ether ND 0.20 EPA 8260C 1-8-15 1-8-15 1,1-Dichloroethane ND 0.20 EPA 8260C 1-8-15 1-8-15 1,1-Dichloroethane ND 0.20 EPA 8260C 1-8-15 1-8-15 Vinyl Acetate ND 1.0 EPA 8260C 1-8-15 1-8-15 2,2-Dichloropropane ND 0.20 EPA 8260C 1-8-15 1-8-15 2,2-Dichloroethane 6.9 0.20 EPA 8260C 1-8-15 1-8-15 2-Butanone ND 0.20 EPA 8260C 1-8-15 1-8-15 2-Butanone ND 0.20 EPA 8260C 1-8-15 1-8-15 Ch	1,1-Dichloroethene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Carbon Disulfide ND 0.20 EPA 8260C 1-8-15 1-8-15 Methylene Chloride ND 1.0 EPA 8260C 1-8-15 1-8-15 (trans) 1,2-Dichloroethene ND 0.20 EPA 8260C 1-8-15 1-8-15 Methyl t-Butyl Ether ND 0.20 EPA 8260C 1-8-15 1-8-15 Methyl t-Butyl Ether ND 0.20 EPA 8260C 1-8-15 1-8-15 Methyl t-Butyl Ether ND 0.20 EPA 8260C 1-8-15 1-8-15 Methyl t-Butyl Ether ND 0.20 EPA 8260C 1-8-15 1-8-15 Methyl t-Butyl Ether ND 0.20 EPA 8260C 1-8-15 1-8-15 Vinyl Acetate ND 0.20 EPA 8260C 1-8-15 1-8-15 2,2-Dichloropropane ND 0.20 EPA 8260C 1-8-15 1-8-15 2,2-Dichloroethene 6.9 0.20 EPA 8260C 1-8-15 1-8-15 2-Butanone ND 0.20 EPA 8260C 1-8-15 <t< td=""><td>Acetone</td><td>ND</td><td>5.0</td><td>EPA 8260C</td><td>1-8-15</td><td>1-8-15</td><td></td></t<>	Acetone	ND	5.0	EPA 8260C	1-8-15	1-8-15	
Methylene Chloride ND 1.0 EPA 8260C 1-8-15 1-8-15 (trans) 1,2-Dichloroethene ND 0.20 EPA 8260C 1-8-15 1-8-15 Methyl t-Butyl Ether ND 0.20 EPA 8260C 1-8-15 1-8-15 1,1-Dichloroethane ND 0.20 EPA 8260C 1-8-15 1-8-15 Vinyl Acetate ND 1.0 EPA 8260C 1-8-15 1-8-15 2,2-Dichloropropane ND 0.20 EPA 8260C 1-8-15 1-8-15 2,2-Dichloropthene 6.9 0.20 EPA 8260C 1-8-15 1-8-15 2,2-Dichloropthene 6.9 0.20 EPA 8260C 1-8-15 1-8-15 2,2-Dichloropthene 6.9 0.20 EPA 8260C 1-8-15 1-8-15 2,2-Dichloropthane ND 0.20 EPA 8260C 1-8-15 1-8-15 1,1,1-Trichloroethane ND 0.20 EPA 8260C 1-8-15 1-8-15 1,1-Dichloroptopene ND 0.20 EPA 8260C 1-8-15	Iodomethane	ND	1.0	EPA 8260C	1-8-15	1-8-15	
(trans) 1,2-Dichloroethene ND 0.20 EPA 8260C 1-8-15 1-8-15 Methyl t-Butyl Ether ND 0.20 EPA 8260C 1-8-15 1-8-15 1,1-Dichloroethane ND 0.20 EPA 8260C 1-8-15 1-8-15 Vinyl Acetate ND 1.0 EPA 8260C 1-8-15 1-8-15 2,2-Dichloropropane ND 0.20 EPA 8260C 1-8-15 1-8-15 (cis) 1,2-Dichloroethene 6.9 0.20 EPA 8260C 1-8-15 1-8-15 2-Butanone ND 5.0 EPA 8260C 1-8-15 1-8-15 2-Butanone ND 0.20 EPA 8260C 1-8-15 1-8-15 2-Butanone ND 0.20 EPA 8260C 1-8-15 1-8-15 Bromochloromethane ND 0.20 EPA 8260C 1-8-15 1-8-15 Chloroform ND 0.20 EPA 8260C 1-8-15 1-8-15 1,1,1-Trichloroethane ND 0.20 EPA 8260C 1-8-15 1-8-15 <td>Carbon Disulfide</td> <td>ND</td> <td>0.20</td> <td>EPA 8260C</td> <td>1-8-15</td> <td>1-8-15</td> <td></td>	Carbon Disulfide	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Methyl t-Butyl Ether ND 0.20 EPA 8260C 1-8-15 1-8-15 1,1-Dichloroethane ND 0.20 EPA 8260C 1-8-15 1-8-15 Vinyl Acetate ND 1.0 EPA 8260C 1-8-15 1-8-15 2,2-Dichloropropane ND 0.20 EPA 8260C 1-8-15 1-8-15 (cis) 1,2-Dichloroethene 6.9 0.20 EPA 8260C 1-8-15 1-8-15 2-Butanone ND 5.0 EPA 8260C 1-8-15 1-8-15 Bromochloromethane ND 0.20 EPA 8260C 1-8-15 1-8-15 Chloroform ND 0.20 EPA 8260C 1-8-15 1-8-15 Chloroform ND 0.20 EPA 8260C 1-8-15 1-8-15 1,1,1-Trichloroethane ND 0.20 EPA 8260C 1-8-15 1-8-15 Carbon Tetrachloride ND 0.20 EPA 8260C 1-8-15 1-8-15 1,1-Dichloropropene ND 0.20 EPA 8260C 1-8-15 1-8-15 <	Methylene Chloride	ND	1.0	EPA 8260C	1-8-15	1-8-15	
1,1-Dichloroethane ND 0.20 EPA 8260C 1-8-15 1-8-15 Vinyl Acetate ND 1.0 EPA 8260C 1-8-15 1-8-15 2,2-Dichloropropane ND 0.20 EPA 8260C 1-8-15 1-8-15 (cis) 1,2-Dichloroethane 6.9 0.20 EPA 8260C 1-8-15 1-8-15 2-Butanone ND 5.0 EPA 8260C 1-8-15 1-8-15 Bromochloromethane ND 0.20 EPA 8260C 1-8-15 1-8-15 Chloroform ND 0.20 EPA 8260C 1-8-15 1-8-15 Chloroform ND 0.20 EPA 8260C 1-8-15 1-8-15 1,1,1-Trichloroethane ND 0.20 EPA 8260C 1-8-15 1-8-15 Carbon Tetrachloride ND 0.20 EPA 8260C 1-8-15 1-8-15 1,1-Dichloropropene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2-Dichloroethane ND 0.20 EPA 8260C 1-8-15 1-8-15 <td>(trans) 1,2-Dichloroethene</td> <td>ND</td> <td>0.20</td> <td>EPA 8260C</td> <td>1-8-15</td> <td>1-8-15</td> <td></td>	(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Vinyl Acetate ND 1.0 EPA 8260C 1-8-15 1-8-15 2,2-Dichloropropane ND 0.20 EPA 8260C 1-8-15 1-8-15 (cis) 1,2-Dichloroethene 6.9 0.20 EPA 8260C 1-8-15 1-8-15 2-Butanone ND 5.0 EPA 8260C 1-8-15 1-8-15 Bromochloromethane ND 0.20 EPA 8260C 1-8-15 1-8-15 Chloroform ND 0.20 EPA 8260C 1-8-15 1-8-15 Chloroform ND 0.20 EPA 8260C 1-8-15 1-8-15 1,1,1-Trichloroethane ND 0.20 EPA 8260C 1-8-15 1-8-15 1,1-Dichloropropene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2-Dichloropropene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2-Dichloropropane ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2-Dichloropropane ND 0.20 EPA 8260C 1-8-15 1-8-15 </td <td>Methyl t-Butyl Ether</td> <td>ND</td> <td>0.20</td> <td>EPA 8260C</td> <td>1-8-15</td> <td>1-8-15</td> <td></td>	Methyl t-Butyl Ether	ND	0.20	EPA 8260C	1-8-15	1-8-15	
2,2-Dichloropropane ND 0.20 EPA 8260C 1-8-15 1-8-15 (cis) 1,2-Dichloroethene 6.9 0.20 EPA 8260C 1-8-15 1-8-15 2-Butanone ND 5.0 EPA 8260C 1-8-15 1-8-15 Bromochloromethane ND 0.20 EPA 8260C 1-8-15 1-8-15 Chloroform ND 0.20 EPA 8260C 1-8-15 1-8-15 1,1,1-Trichloroethane ND 0.20 EPA 8260C 1-8-15 1-8-15 1,1-Dichloropropene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,1-Dichloropropene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2-Dichloropropene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2-Dichloroethane ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2-Dichloropropane ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2-Dichloropropane ND 0.20 EPA 8260C 1-8-15 1-8-15 Dibromomethane ND 0.20 EPA 8260C 1-8	1,1-Dichloroethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
(cis) 1,2-Dichloroethene 6.9 0.20 EPA 8260C 1-8-15 1-8-15 2-Butanone ND 5.0 EPA 8260C 1-8-15 1-8-15 Bromochloromethane ND 0.20 EPA 8260C 1-8-15 1-8-15 Chloroform ND 0.20 EPA 8260C 1-8-15 1-8-15 1,1,1-Trichloroethane ND 0.20 EPA 8260C 1-8-15 1-8-15 Carbon Tetrachloride ND 0.20 EPA 8260C 1-8-15 1-8-15 Carbon Tetrachloride ND 0.20 EPA 8260C 1-8-15 1-8-15 Carbon Tetrachloride ND 0.20 EPA 8260C 1-8-15 1-8-15 1,1-Dichloropropene ND 0.20 EPA 8260C 1-8-15 1-8-15 Benzene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2-Dichloroethane ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2-Dichloropropane ND 0.20 EPA 8260C 1-8-15 1-8-15	Vinyl Acetate	ND	1.0	EPA 8260C	1-8-15	1-8-15	
2-Butanone ND 5.0 EPA 8260C 1-8-15 1-8-15 Bromochloromethane ND 0.20 EPA 8260C 1-8-15 1-8-15 Chloroform ND 0.20 EPA 8260C 1-8-15 1-8-15 1,1,1-Trichloroethane ND 0.20 EPA 8260C 1-8-15 1-8-15 Carbon Tetrachloride ND 0.20 EPA 8260C 1-8-15 1-8-15 Carbon Tetrachloride ND 0.20 EPA 8260C 1-8-15 1-8-15 Carbon Tetrachloride ND 0.20 EPA 8260C 1-8-15 1-8-15 1,1-Dichloropropene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2-Dichloroethane ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2-Dichloropropane ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2-Dichloropropane ND 0.20 EPA 8260C 1-8-15 1-8-15 Bromodichloromethane ND 0.20 EPA 8260C 1-8-15 1-8-1	2,2-Dichloropropane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Bromochloromethane ND 0.20 EPA 8260C 1-8-15 1-8-15 Chloroform ND 0.20 EPA 8260C 1-8-15 1-8-15 1,1,1-Trichloroethane ND 0.20 EPA 8260C 1-8-15 1-8-15 Carbon Tetrachloride ND 0.20 EPA 8260C 1-8-15 1-8-15 1,1-Dichloropropene ND 0.20 EPA 8260C 1-8-15 1-8-15 Benzene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2-Dichloroethane ND 0.20 EPA 8260C 1-8-15 1-8-15 Trichloroethene 3.3 0.20 EPA 8260C 1-8-15 1-8-15 1,2-Dichloropropane ND 0.20 EPA 8260C 1-8-15 1-8-15 Dibromomethane ND 0.20 EPA 8260C 1-8-15 1-8-15 Bromodichloromethane ND 0.20 EPA 8260C 1-8-15 1-8-15 2-Chloroethyl Vinyl Ether ND 0.20 EPA 8260C 1-8-15 1-8-15	(cis) 1,2-Dichloroethene	6.9	0.20	EPA 8260C	1-8-15	1-8-15	
Chloroform ND 0.20 EPA 8260C 1-8-15 1-8-15 1,1,1-Trichloroethane ND 0.20 EPA 8260C 1-8-15 1-8-15 Carbon Tetrachloride ND 0.20 EPA 8260C 1-8-15 1-8-15 1,1-Dichloropropene ND 0.20 EPA 8260C 1-8-15 1-8-15 Benzene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2-Dichloroethane ND 0.20 EPA 8260C 1-8-15 1-8-15 Trichloroethene 3.3 0.20 EPA 8260C 1-8-15 1-8-15 1,2-Dichloropropane ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2-Dichloropropane ND 0.20 EPA 8260C 1-8-15 1-8-15 Dibromomethane ND 0.20 EPA 8260C 1-8-15 1-8-15 2-Chloroethyl Vinyl Ether ND 1.0 EPA 8260C 1-8-15 1-8-15 (cis) 1,3-Dichloropropene ND 0.20 EPA 8260C 1-8-15 1-8-15	2-Butanone	ND	5.0	EPA 8260C	1-8-15	1-8-15	
1,1,1-Trichloroethane ND 0.20 EPA 8260C 1-8-15 1-8-15 Carbon Tetrachloride ND 0.20 EPA 8260C 1-8-15 1-8-15 1,1-Dichloropropene ND 0.20 EPA 8260C 1-8-15 1-8-15 Benzene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2-Dichloroethane ND 0.20 EPA 8260C 1-8-15 1-8-15 Trichloroethene 3.3 0.20 EPA 8260C 1-8-15 1-8-15 1,2-Dichloropropane ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2-Dichloropropane ND 0.20 EPA 8260C 1-8-15 1-8-15 Dibromomethane ND 0.20 EPA 8260C 1-8-15 1-8-15 Bromodichloromethane ND 0.20 EPA 8260C 1-8-15 1-8-15 2-Chloroethyl Vinyl Ether ND 1.0 EPA 8260C 1-8-15 1-8-15 (cis) 1,3-Dichloropropene ND 0.20 EPA 8260C 1-8-15 1-8-15 Methyl Isobutyl Ketone ND 1.0 EPA 8260C	Bromochloromethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Carbon Tetrachloride ND 0.20 EPA 8260C 1-8-15 1-8-15 1,1-Dichloropropene ND 0.20 EPA 8260C 1-8-15 1-8-15 Benzene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2-Dichloroethane ND 0.20 EPA 8260C 1-8-15 1-8-15 Trichloroethene 3.3 0.20 EPA 8260C 1-8-15 1-8-15 1,2-Dichloropropane ND 0.20 EPA 8260C 1-8-15 1-8-15 Dibromomethane ND 0.20 EPA 8260C 1-8-15 1-8-15 Bromodichloromethane ND 0.20 EPA 8260C 1-8-15 1-8-15 2-Chloroethyl Vinyl Ether ND 1.0 EPA 8260C 1-8-15 1-8-15 (cis) 1,3-Dichloropropene ND 0.20 EPA 8260C 1-8-15 1-8-15 Methyl Isobutyl Ketone ND 2.0 EPA 8260C 1-8-15 1-8-15 Toluene ND 1.0 EPA 8260C 1-8-15 1-8-15 <td>Chloroform</td> <td>ND</td> <td>0.20</td> <td>EPA 8260C</td> <td>1-8-15</td> <td>1-8-15</td> <td></td>	Chloroform	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,1-Dichloropropene ND 0.20 EPA 8260C 1-8-15 1-8-15 Benzene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2-Dichloroethane ND 0.20 EPA 8260C 1-8-15 1-8-15 Trichloroethene 3.3 0.20 EPA 8260C 1-8-15 1-8-15 1,2-Dichloropropane ND 0.20 EPA 8260C 1-8-15 1-8-15 Dibromomethane ND 0.20 EPA 8260C 1-8-15 1-8-15 Bromodichloromethane ND 0.20 EPA 8260C 1-8-15 1-8-15 2-Chloroethyl Vinyl Ether ND 1.0 EPA 8260C 1-8-15 1-8-15 (cis) 1,3-Dichloropropene ND 0.20 EPA 8260C 1-8-15 1-8-15 Methyl Isobutyl Ketone ND 2.0 EPA 8260C 1-8-15 1-8-15 Toluene ND 1.0 EPA 8260C 1-8-15 1-8-15	1,1,1-Trichloroethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Benzene ND 0.20 EPA 8260C 1-8-15 1-8-15 1,2-Dichloroethane ND 0.20 EPA 8260C 1-8-15 1-8-15 Trichloroethene 3.3 0.20 EPA 8260C 1-8-15 1-8-15 1,2-Dichloropropane ND 0.20 EPA 8260C 1-8-15 1-8-15 Dibromomethane ND 0.20 EPA 8260C 1-8-15 1-8-15 Bromodichloromethane ND 0.20 EPA 8260C 1-8-15 1-8-15 2-Chloroethyl Vinyl Ether ND 1.0 EPA 8260C 1-8-15 1-8-15 (cis) 1,3-Dichloropropene ND 0.20 EPA 8260C 1-8-15 1-8-15 Methyl Isobutyl Ketone ND 2.0 EPA 8260C 1-8-15 1-8-15 Toluene ND 1.0 EPA 8260C 1-8-15 1-8-15	Carbon Tetrachloride	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,2-Dichloroethane ND 0.20 EPA 8260C 1-8-15 1-8-15 Trichloroethene 3.3 0.20 EPA 8260C 1-8-15 1-8-15 1,2-Dichloropropane ND 0.20 EPA 8260C 1-8-15 1-8-15 Dibromomethane ND 0.20 EPA 8260C 1-8-15 1-8-15 Bromodichloromethane ND 0.20 EPA 8260C 1-8-15 1-8-15 2-Chloroethyl Vinyl Ether ND 1.0 EPA 8260C 1-8-15 1-8-15 (cis) 1,3-Dichloropropene ND 0.20 EPA 8260C 1-8-15 1-8-15 Methyl Isobutyl Ketone ND 2.0 EPA 8260C 1-8-15 1-8-15 Toluene ND 1.0 EPA 8260C 1-8-15 1-8-15	1,1-Dichloropropene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Trichloroethene 3.3 0.20 EPA 8260C 1-8-15 1-8-15 1,2-Dichloropropane ND 0.20 EPA 8260C 1-8-15 1-8-15 Dibromomethane ND 0.20 EPA 8260C 1-8-15 1-8-15 Bromodichloromethane ND 0.20 EPA 8260C 1-8-15 1-8-15 2-Chloroethyl Vinyl Ether ND 1.0 EPA 8260C 1-8-15 1-8-15 (cis) 1,3-Dichloropropene ND 0.20 EPA 8260C 1-8-15 1-8-15 Methyl Isobutyl Ketone ND 2.0 EPA 8260C 1-8-15 1-8-15 Toluene ND 1.0 EPA 8260C 1-8-15 1-8-15	Benzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,2-Dichloropropane ND 0.20 EPA 8260C 1-8-15 1-8-15 Dibromomethane ND 0.20 EPA 8260C 1-8-15 1-8-15 Bromodichloromethane ND 0.20 EPA 8260C 1-8-15 1-8-15 2-Chloroethyl Vinyl Ether ND 1.0 EPA 8260C 1-8-15 1-8-15 (cis) 1,3-Dichloropropene ND 0.20 EPA 8260C 1-8-15 1-8-15 Methyl Isobutyl Ketone ND 2.0 EPA 8260C 1-8-15 1-8-15 Toluene ND 1.0 EPA 8260C 1-8-15 1-8-15	1,2-Dichloroethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Dibromomethane ND 0.20 EPA 8260C 1-8-15 1-8-15 Bromodichloromethane ND 0.20 EPA 8260C 1-8-15 1-8-15 2-Chloroethyl Vinyl Ether ND 1.0 EPA 8260C 1-8-15 1-8-15 (cis) 1,3-Dichloropropene ND 0.20 EPA 8260C 1-8-15 1-8-15 Methyl Isobutyl Ketone ND 2.0 EPA 8260C 1-8-15 1-8-15 Toluene ND 1.0 EPA 8260C 1-8-15 1-8-15	Trichloroethene	3.3	0.20	EPA 8260C	1-8-15	1-8-15	
Bromodichloromethane ND 0.20 EPA 8260C 1-8-15 1-8-15 2-Chloroethyl Vinyl Ether ND 1.0 EPA 8260C 1-8-15 1-8-15 (cis) 1,3-Dichloropropene ND 0.20 EPA 8260C 1-8-15 1-8-15 Methyl Isobutyl Ketone ND 2.0 EPA 8260C 1-8-15 1-8-15 Toluene ND 1.0 EPA 8260C 1-8-15 1-8-15	1,2-Dichloropropane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
2-Chloroethyl Vinyl Ether ND 1.0 EPA 8260C 1-8-15 1-8-15 (cis) 1,3-Dichloropropene ND 0.20 EPA 8260C 1-8-15 1-8-15 Methyl Isobutyl Ketone ND 2.0 EPA 8260C 1-8-15 1-8-15 Toluene ND 1.0 EPA 8260C 1-8-15 1-8-15	Dibromomethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
(cis) 1,3-Dichloropropene ND 0.20 EPA 8260C 1-8-15 1-8-15 Methyl Isobutyl Ketone ND 2.0 EPA 8260C 1-8-15 1-8-15 Toluene ND 1.0 EPA 8260C 1-8-15 1-8-15	Bromodichloromethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
(cis) 1,3-Dichloropropene ND 0.20 EPA 8260C 1-8-15 1-8-15 Methyl Isobutyl Ketone ND 2.0 EPA 8260C 1-8-15 1-8-15 Toluene ND 1.0 EPA 8260C 1-8-15 1-8-15	2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	1-8-15	1-8-15	
Methyl Isobutyl Ketone ND 2.0 EPA 8260C 1-8-15 1-8-15 Toluene ND 1.0 EPA 8260C 1-8-15 1-8-15	•	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Toluene ND 1.0 EPA 8260C 1-8-15 1-8-15	Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	1-8-15	1-8-15	
(trans) 1,3-Dichloropropene ND 0.20 EPA 8260C 1-8-15 1-8-15	Toluene	ND	1.0	EPA 8260C	1-8-15	1-8-15	
	(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	1-8-15	1-8-15	

Laboratory Reference: 1412-299

Project: 1412-2091

VOLATILES EPA 8260C

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	B7-2091-GW					
Laboratory ID:	12-299-11					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Tetrachloroethene	16	0.20	EPA 8260C	1-8-15	1-8-15	
1,3-Dichloropropane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
2-Hexanone	ND	2.0	EPA 8260C	1-8-15	1-8-15	
Dibromochloromethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,2-Dibromoethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Chlorobenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Ethylbenzene	0.35	0.20	EPA 8260C	1-8-15	1-8-15	
m,p-Xylene	0.87	0.40	EPA 8260C	1-8-15	1-8-15	
o-Xylene	0.48	0.20	EPA 8260C	1-8-15	1-8-15	
Styrene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Bromoform	ND	1.0	EPA 8260C	1-8-15	1-8-15	
Isopropylbenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Bromobenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
n-Propylbenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
2-Chlorotoluene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
4-Chlorotoluene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
tert-Butylbenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
sec-Butylbenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
p-Isopropyltoluene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
n-Butylbenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,2-Dibromo-3-chloropropane	ND ND	1.0	EPA 8260C	1-8-15	1-8-15	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Hexachlorobutadiene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Naphthalene	ND	1.0	EPA 8260C	1-8-15	1-8-15	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Surrogate:	Percent Recovery	Control Limits				

Surrogate: Percent Recovery Control Lim
Dibromofluoromethane 109 79-122
Toluene-d8 103 80-120
4-Bromofluorobenzene 101 80-120

Laboratory Reference: 1412-299

Project: 1412-2091

VOLATILES EPA 8260C page 1 of 2

Matrix: Water Units: ug/L

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	B9-2091-GW-13					
Laboratory ID:	12-299-14					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Chloromethane	ND	1.0	EPA 8260C	1-8-15	1-8-15	
Vinyl Chloride	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Bromomethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Chloroethane	ND	1.0	EPA 8260C	1-8-15	1-8-15	
Trichlorofluoromethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,1-Dichloroethene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Acetone	10	5.0	EPA 8260C	1-8-15	1-8-15	
Iodomethane	ND	1.0	EPA 8260C	1-8-15	1-8-15	
Carbon Disulfide	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Methylene Chloride	ND	1.0	EPA 8260C	1-8-15	1-8-15	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,1-Dichloroethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Vinyl Acetate	ND	1.0	EPA 8260C	1-8-15	1-8-15	
2,2-Dichloropropane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
(cis) 1,2-Dichloroethene	0.67	0.20	EPA 8260C	1-8-15	1-8-15	
2-Butanone	ND	5.0	EPA 8260C	1-8-15	1-8-15	
Bromochloromethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Chloroform	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Carbon Tetrachloride	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,1-Dichloropropene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Benzene	0.20	0.20	EPA 8260C	1-8-15	1-8-15	
1,2-Dichloroethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Trichloroethene	0.96	0.20	EPA 8260C	1-8-15	1-8-15	
1,2-Dichloropropane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Dibromomethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Bromodichloromethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	1-8-15	1-8-15	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	1-8-15	1-8-15	
Toluene	ND	1.0	EPA 8260C	1-8-15	1-8-15	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	1-8-15	1-8-15	

Laboratory Reference: 1412-299

Project: 1412-2091

VOLATILES EPA 8260C

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	B9-2091-GW-13					
Laboratory ID:	12-299-14					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Tetrachloroethene	5.6	0.20	EPA 8260C	1-8-15	1-8-15	
1,3-Dichloropropane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
2-Hexanone	ND	2.0	EPA 8260C	1-8-15	1-8-15	
Dibromochloromethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,2-Dibromoethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Chlorobenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Ethylbenzene	0.42	0.20	EPA 8260C	1-8-15	1-8-15	
m,p-Xylene	1.7	0.40	EPA 8260C	1-8-15	1-8-15	
o-Xylene	0.75	0.20	EPA 8260C	1-8-15	1-8-15	
Styrene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Bromoform	ND	1.0	EPA 8260C	1-8-15	1-8-15	
Isopropylbenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Bromobenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
n-Propylbenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
2-Chlorotoluene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
4-Chlorotoluene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
tert-Butylbenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
sec-Butylbenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
p-Isopropyltoluene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
n-Butylbenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,2-Dibromo-3-chloropropane		1.0	EPA 8260C	1-8-15	1-8-15	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Hexachlorobutadiene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Naphthalene	ND	1.0	EPA 8260C	1-8-15	1-8-15	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	103	79-122				

 Dibromofluoromethane
 103
 79-122

 Toluene-d8
 104
 80-120

 4-Bromofluorobenzene
 100
 80-120

Laboratory Reference: 1412-299

Project: 1412-2091

VOLATILES EPA 8260C page 1 of 2

Matrix: Water Units: ug/L

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	TRIP BLANK					
Laboratory ID:	12-299-17					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Chloromethane	ND	1.0	EPA 8260C	1-8-15	1-8-15	
Vinyl Chloride	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Bromomethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Chloroethane	ND	1.0	EPA 8260C	1-8-15	1-8-15	
Trichlorofluoromethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,1-Dichloroethene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Acetone	ND	5.0	EPA 8260C	1-8-15	1-8-15	
Iodomethane	ND	1.0	EPA 8260C	1-8-15	1-8-15	
Carbon Disulfide	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Methylene Chloride	ND	1.0	EPA 8260C	1-8-15	1-8-15	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,1-Dichloroethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Vinyl Acetate	ND	1.0	EPA 8260C	1-8-15	1-8-15	
2,2-Dichloropropane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
2-Butanone	ND	5.0	EPA 8260C	1-8-15	1-8-15	
Bromochloromethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Chloroform	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Carbon Tetrachloride	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,1-Dichloropropene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Benzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,2-Dichloroethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Trichloroethene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,2-Dichloropropane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Dibromomethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Bromodichloromethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	1-8-15	1-8-15	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	1-8-15	1-8-15	
Toluene	ND	1.0	EPA 8260C	1-8-15	1-8-15	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	1-8-15	1-8-15	

Laboratory Reference: 1412-299

Project: 1412-2091

VOLATILES EPA 8260C

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	TRIP BLANK					
Laboratory ID:	12-299-17					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Tetrachloroethene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,3-Dichloropropane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
2-Hexanone	ND	2.0	EPA 8260C	1-8-15	1-8-15	
Dibromochloromethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,2-Dibromoethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Chlorobenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Ethylbenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
m,p-Xylene	ND	0.40	EPA 8260C	1-8-15	1-8-15	
o-Xylene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Styrene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Bromoform	ND	1.0	EPA 8260C	1-8-15	1-8-15	
Isopropylbenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Bromobenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
n-Propylbenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
2-Chlorotoluene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
4-Chlorotoluene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
tert-Butylbenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
sec-Butylbenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
p-Isopropyltoluene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
n-Butylbenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	1-8-15	1-8-15	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Hexachlorobutadiene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Naphthalene	ND	1.0	EPA 8260C	1-8-15	1-8-15	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Surrogate:	Percent Recovery	Control Limits				

Surrogate: Percent Recovery Control Limit
Dibromofluoromethane 108 79-122
Toluene-d8 104 80-120
4-Bromofluorobenzene 102 80-120

Laboratory Reference: 1412-299

Project: 1412-2091

VOLATILES by EPA 8260C METHOD BLANK QUALITY CONTROL

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Matrix: Water Units: ug/L

	_			Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Laboratory ID:	MB0108W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Chloromethane	ND	1.0	EPA 8260C	1-8-15	1-8-15	
Vinyl Chloride	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Bromomethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Chloroethane	ND	1.0	EPA 8260C	1-8-15	1-8-15	
Trichlorofluoromethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,1-Dichloroethene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Acetone	ND	5.0	EPA 8260C	1-8-15	1-8-15	
lodomethane	ND	1.0	EPA 8260C	1-8-15	1-8-15	
Carbon Disulfide	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Methylene Chloride	ND	1.0	EPA 8260C	1-8-15	1-8-15	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,1-Dichloroethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Vinyl Acetate	ND	1.0	EPA 8260C	1-8-15	1-8-15	
2,2-Dichloropropane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
2-Butanone	ND	5.0	EPA 8260C	1-8-15	1-8-15	
Bromochloromethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Chloroform	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Carbon Tetrachloride	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,1-Dichloropropene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Benzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,2-Dichloroethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Trichloroethene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,2-Dichloropropane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Dibromomethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Bromodichloromethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	1-8-15	1-8-15	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	1-8-15	1-8-15	
Toluene	ND	1.0	EPA 8260C	1-8-15	1-8-15	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	1-8-15	1-8-15	

Laboratory Reference: 1412-299

Project: 1412-2091

VOLATILES by EPA 8260C METHOD BLANK QUALITY CONTROL

page 2 of 2

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Laboratory ID:	MB0108W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Tetrachloroethene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,3-Dichloropropane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
2-Hexanone	ND	2.0	EPA 8260C	1-8-15	1-8-15	
Dibromochloromethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,2-Dibromoethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Chlorobenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Ethylbenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
m,p-Xylene	ND	0.40	EPA 8260C	1-8-15	1-8-15	
o-Xylene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Styrene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Bromoform	ND	1.0	EPA 8260C	1-8-15	1-8-15	
Isopropylbenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Bromobenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	1-8-15	1-8-15	
n-Propylbenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
2-Chlorotoluene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
4-Chlorotoluene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
tert-Butylbenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
sec-Butylbenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
p-Isopropyltoluene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
n-Butylbenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	1-8-15	1-8-15	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Hexachlorobutadiene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Naphthalene	ND	1.0	EPA 8260C	1-8-15	1-8-15	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	1-8-15	1-8-15	
Surrogate:	Percent Recovery	Control Limits				

Surrogate: Percent Recovery Control Limits
Dibromofluoromethane 97 79-122
Toluene-d8 101 80-120
4-Bromofluorobenzene 99 80-120

Date of Report: January 9, 2015 Samples Submitted: December 31, 2014

Laboratory Reference: 1412-299

Project: 1412-2091

VOLATILES by EPA 8260C SB/SBD QUALITY CONTROL

Matrix: Water Units: ug/L

					Per	cent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Rec	overy	Limits	RPD	Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB01	08W1								
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	8.38	9.21	10.0	10.0	84	92	64-138	9	16	
Benzene	9.13	10.2	10.0	10.0	91	102	76-125	11	14	
Trichloroethene	7.38	7.71	10.0	10.0	74	77	70-125	4	16	
Toluene	9.28	9.83	10.0	10.0	93	98	75-125	6	15	
Chlorobenzene	8.48	9.18	10.0	10.0	85	92	80-140	8	15	
Surrogate:										
Dibromofluoromethane					95	103	79-122			
Toluene-d8					103	99	80-120			
4-Bromofluorobenzene					101	101	80-120			

Date of Report: January 9, 2015 Samples Submitted: December 31, 2014

Laboratory Reference: 1412-299

Project: 1412-2091

% MOISTURE

Date Analyzed: 12-31-14

Client ID	Lab ID	% Moisture
B1-2091-12	12-299-01	11
B2-2091-14	12-299-03	12
B3-2091-13	12-299-04	12
B4-2091-14	12-299-06	8
B5-2091-14	12-299-07	9
B6-2091-15	12-299-09	9
B7-2091-17	12-299-10	10
B8-2091-10	12-299-12	9
B9-2091-10	12-299-13	10
B10-2091-7	12-299-15	9
B11-2091-10	12-299-16	14



Data Qualifiers and Abbreviations

- A Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B The analyte indicated was also found in the blank sample.
- C The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- E The value reported exceeds the quantitation range and is an estimate.
- F Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- H The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I Compound recovery is outside of the control limits.
- J The value reported was below the practical quantitation limit. The value is an estimate.
- K Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L The RPD is outside of the control limits.
- M Hydrocarbons in the gasoline range are impacting the diesel range result.
- M1 Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.
- N Hydrocarbons in the lube oil range are impacting the diesel range result.
- N1 Hydrocarbons in diesel range are impacting lube oil range results.
- O Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
- P The RPD of the detected concentrations between the two columns is greater than 40.
- Q Surrogate recovery is outside of the control limits.
- S Surrogate recovery data is not available due to the necessary dilution of the sample.
- T The sample chromatogram is not similar to a typical _____
- U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- U1 The practical quantitation limit is elevated due to interferences present in the sample.
- V Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X Sample extract treated with a mercury cleanup procedure.
- X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.
- Y The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL PQL - Practical Quantitation Limit RPD - Relative Percent Difference



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Electronic Data Deliverables (EDDs) [__



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

January 14, 2015

Nels Cone Anderson Environmental 5261 W. Imperial Highway Los Angeles, CA 90045

Re: Analytical Data for Project 1412-2091

Laboratory Reference No. 1501-067

Dear Nels:

Enclosed are the analytical results and associated quality control data for samples submitted on January 13, 2015.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely.

David Baumeister Project Manager

Enclosures

Project: 1412-2091

Case Narrative

Samples were collected on January 13, 2015 and received by the laboratory on January 13, 2015. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Project: 1412-2091

VOLATILES EPA 8260C page 1 of 2

Matrix: Water Units: ug/L

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	B6-2091-GW					
Laboratory ID:	01-067-01					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	1-13-15	1-13-15	
Chloromethane	ND	1.0	EPA 8260C	1-13-15	1-13-15	
Vinyl Chloride	ND	0.20	EPA 8260C	1-13-15	1-13-15	
Bromomethane	ND	0.20	EPA 8260C	1-13-15	1-13-15	
Chloroethane	ND	1.0	EPA 8260C	1-13-15	1-13-15	
Trichlorofluoromethane	ND	0.20	EPA 8260C	1-13-15	1-13-15	
1,1-Dichloroethene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
Acetone	ND	6.8	EPA 8260C	1-13-15	1-13-15	
Iodomethane	ND	1.3	EPA 8260C	1-13-15	1-13-15	
Carbon Disulfide	ND	0.20	EPA 8260C	1-13-15	1-13-15	
Methylene Chloride	ND	1.0	EPA 8260C	1-13-15	1-13-15	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	1-13-15	1-13-15	
1,1-Dichloroethane	ND	0.20	EPA 8260C	1-13-15	1-13-15	
Vinyl Acetate	ND	1.0	EPA 8260C	1-13-15	1-13-15	
2,2-Dichloropropane	ND	0.20	EPA 8260C	1-13-15	1-13-15	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
2-Butanone	ND	5.0	EPA 8260C	1-13-15	1-13-15	
Bromochloromethane	ND	0.20	EPA 8260C	1-13-15	1-13-15	
Chloroform	ND	0.20	EPA 8260C	1-13-15	1-13-15	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	1-13-15	1-13-15	
Carbon Tetrachloride	ND	0.20	EPA 8260C	1-13-15	1-13-15	
1,1-Dichloropropene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
Benzene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
1,2-Dichloroethane	ND	0.20	EPA 8260C	1-13-15	1-13-15	
Trichloroethene	ND	0.26	EPA 8260C	1-13-15	1-13-15	
1,2-Dichloropropane	ND	0.20	EPA 8260C	1-13-15	1-13-15	
Dibromomethane	ND	0.20	EPA 8260C	1-13-15	1-13-15	
Bromodichloromethane	ND	0.20	EPA 8260C	1-13-15	1-13-15	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	1-13-15	1-13-15	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	1-13-15	1-13-15	
Toluene	ND	1.0	EPA 8260C	1-13-15	1-13-15	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	1-13-15	1-13-15	

VOLATILES EPA 8260C

page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
Client ID:	B6-2091-GW	FQL	Method	Fiepaieu	Allalyzeu	Flays
Laboratory ID:	01-067-01					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	1-13-15	1-13-15	
Tetrachloroethene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
1,3-Dichloropropane	ND	0.20	EPA 8260C	1-13-15	1-13-15	
2-Hexanone	ND	2.0	EPA 8260C	1-13-15	1-13-15	
Z-nexanone Dibromochloromethane	ND ND	0.20	EPA 8260C	1-13-15	1-13-15	
1,2-Dibromoethane	ND ND	0.20	EPA 8260C	1-13-15	1-13-15	
	ND ND	0.20		1-13-15		
Chlorobenzene			EPA 8260C		1-13-15	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	1-13-15	1-13-15	
Ethylbenzene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
m,p-Xylene	ND	0.40	EPA 8260C	1-13-15	1-13-15	
o-Xylene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
Styrene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
Bromoform 	ND	1.0	EPA 8260C	1-13-15	1-13-15	
Isopropylbenzene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
Bromobenzene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	1-13-15	1-13-15	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	1-13-15	1-13-15	
n-Propylbenzene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
2-Chlorotoluene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
4-Chlorotoluene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
tert-Butylbenzene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
sec-Butylbenzene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
p-Isopropyltoluene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
n-Butylbenzene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	1-13-15	1-13-15	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
Hexachlorobutadiene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
Naphthalene	ND	1.0	EPA 8260C	1-13-15	1-13-15	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
Surrogate:	Percent Recovery					

Surrogate: Percent Recovery Control Limits Dibromofluoromethane 79-122 116 Toluene-d8 106 80-120 4-Bromofluorobenzene 90 80-120

VOLATILES by EPA 8260C METHOD BLANK QUALITY CONTROL

page 1 of 2

Matrix: Water Units: ug/L

Offits. ug/L				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
	MDOLLOW					
Laboratory ID:	MB0113W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	1-13-15	1-13-15	
Chloromethane	ND	1.0	EPA 8260C	1-13-15	1-13-15	
Vinyl Chloride	ND	0.20	EPA 8260C	1-13-15	1-13-15	
Bromomethane	ND	0.20	EPA 8260C	1-13-15	1-13-15	
Chloroethane	ND	1.0	EPA 8260C	1-13-15	1-13-15	
Trichlorofluoromethane	ND	0.20	EPA 8260C	1-13-15	1-13-15	
1,1-Dichloroethene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
Acetone	ND	6.8	EPA 8260C	1-13-15	1-13-15	
Iodomethane	ND	1.3	EPA 8260C	1-13-15	1-13-15	
Carbon Disulfide	ND	0.20	EPA 8260C	1-13-15	1-13-15	
Methylene Chloride	ND	1.0	EPA 8260C	1-13-15	1-13-15	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
Methyl t-Butyl Ether	ND	0.20	EPA 8260C	1-13-15	1-13-15	
1,1-Dichloroethane	ND	0.20	EPA 8260C	1-13-15	1-13-15	
Vinyl Acetate	ND	1.0	EPA 8260C	1-13-15	1-13-15	
2,2-Dichloropropane	ND	0.20	EPA 8260C	1-13-15	1-13-15	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
2-Butanone	ND	5.0	EPA 8260C	1-13-15	1-13-15	
Bromochloromethane	ND	0.20	EPA 8260C	1-13-15	1-13-15	
Chloroform	ND	0.20	EPA 8260C	1-13-15	1-13-15	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	1-13-15	1-13-15	
Carbon Tetrachloride	ND	0.20	EPA 8260C	1-13-15	1-13-15	
1,1-Dichloropropene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
Benzene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
1,2-Dichloroethane	ND	0.20	EPA 8260C	1-13-15	1-13-15	
Trichloroethene	ND	0.26	EPA 8260C	1-13-15	1-13-15	
1,2-Dichloropropane	ND	0.20	EPA 8260C	1-13-15	1-13-15	
Dibromomethane	ND	0.20	EPA 8260C	1-13-15	1-13-15	
Bromodichloromethane	ND	0.20	EPA 8260C	1-13-15	1-13-15	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	1-13-15	1-13-15	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
Methyl Isobutyl Ketone	ND	2.0	EPA 8260C	1-13-15	1-13-15	
Toluene	ND	1.0	EPA 8260C	1-13-15	1-13-15	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	1-13-15	1-13-15	

VOLATILES by EPA 8260C METHOD BLANK QUALITY CONTROL

page 2 of 2

Analyte	Result	PQL	Method	Date Prepared	Date Analyzed	Flags
				•	•	
Laboratory ID:	MB0113W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	1-13-15	1-13-15	
Tetrachloroethene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
1,3-Dichloropropane	ND	0.20	EPA 8260C	1-13-15	1-13-15	
2-Hexanone	ND	2.0	EPA 8260C	1-13-15	1-13-15	
Dibromochloromethane	ND	0.20	EPA 8260C	1-13-15	1-13-15	
1,2-Dibromoethane	ND	0.20	EPA 8260C	1-13-15	1-13-15	
Chlorobenzene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	1-13-15	1-13-15	
Ethylbenzene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
m,p-Xylene	ND	0.40	EPA 8260C	1-13-15	1-13-15	
o-Xylene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
Styrene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
Bromoform	ND	1.0	EPA 8260C	1-13-15	1-13-15	
Isopropylbenzene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
Bromobenzene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	1-13-15	1-13-15	
1,2,3-Trichloropropane	ND	0.20	EPA 8260C	1-13-15	1-13-15	
n-Propylbenzene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
2-Chlorotoluene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
4-Chlorotoluene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
1,3,5-Trimethylbenzene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
tert-Butylbenzene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
1,2,4-Trimethylbenzene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
sec-Butylbenzene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
p-Isopropyltoluene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
n-Butylbenzene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	1-13-15	1-13-15	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
Hexachlorobutadiene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
Naphthalene	ND	1.0	EPA 8260C	1-13-15	1-13-15	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	1-13-15	1-13-15	
Surrogate:	Percent Recovery		LI A 02000	1-10-10	1-10-10	
Dihromofluoromethane	117	70-122				

Dibromofluoromethane 79-122 117 Toluene-d8 102 80-120 4-Bromofluorobenzene 88 80-120

VOLATILES by EPA 8260C SB/SBD QUALITY CONTROL

Matrix: Water Units: ug/L

					Per	cent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Rece	overy	Limits	RPD	Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB01	13W1								
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	10.1	10.4	10.0	10.0	101	104	64-138	3	16	
Benzene	9.71	10.1	10.0	10.0	97	101	76-125	4	14	
Trichloroethene	7.11	7.46	10.0	10.0	71	75	70-125	5	16	
Toluene	8.67	9.41	10.0	10.0	87	94	75-125	8	15	
Chlorobenzene	9.16	9.66	10.0	10.0	92	97	80-140	5	15	
Surrogate:										
Dibromofluoromethane					117	111	79-122			
Toluene-d8					100	103	80-120			
4-Bromofluorobenzene					89	90	80-120			



Data Qualifiers and Abbreviations

- A Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B The analyte indicated was also found in the blank sample.
- C The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- E The value reported exceeds the quantitation range and is an estimate.
- F Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- H The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I Compound recovery is outside of the control limits.
- J The value reported was below the practical quantitation limit. The value is an estimate.
- K Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L The RPD is outside of the control limits.
- M Hydrocarbons in the gasoline range are impacting the diesel range result.
- M1 Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.
- N Hydrocarbons in the lube oil range are impacting the diesel range result.
- N1 Hydrocarbons in diesel range are impacting lube oil range results.
- O Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
- P The RPD of the detected concentrations between the two columns is greater than 40.
- Q Surrogate recovery is outside of the control limits.
- S Surrogate recovery data is not available due to the necessary dilution of the sample.
- T The sample chromatogram is not similar to a typical
- U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- U1 The practical quantitation limit is elevated due to interferences present in the sample.
- V Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X Sample extract treated with a mercury cleanup procedure.
- X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.
- Y The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL PQL - Practical Quantitation Limit RPD - Relative Percent Difference



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index to the street of Redmond, WA 98052 14648 NE 95th Street of Redmond, WA 98052 Phone: (425) 883-3881 of www.onsite-env.com Project Number: 1477 - 709 / Project Name: COGIC Project Manager: 1185 Sample Identification 1 86-2091-80	(Check One) Same Day	Number of Containers	NWTPH-Gx NWTPH-Dx Volatiles 8260C Halogenated Volatiles 8260C Semivolatiles 8270D/SIM (with low-level PAHs)	PAHs 8270D/SIM (low-level) PCBs 8082A Organochlorine Pesticides 8081B Organophosphorus Pesticides 8270D/SIM Chlorinated Acid Herbicides 8151A Total RCRA Metals	Total MTCA Metals TCLP Metals HEM (oil and grease) 1664A
56-	U.OS U	W N	Vo Ha	P(Or Or	To
	,				
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Received Relinquished Received Relinquished			is juis		
Received					

Data Package: Standard
Level III
Level IV

Electronic Data Deliverables (EDDs) 🗌 _



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

March 3, 2015

Nels Cone Anderson Environmental 5261 W. Imperial Highway Los Angeles, CA 90045

Re: Analytical Data for Project 1412-2091

Laboratory Reference No. 1502-225

Dear Nels:

Enclosed are the analytical results and associated quality control data for samples submitted on February 25, 2015.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

David Baumeister Project Manager

Enclosures

Date of Report: March 3, 2015

Samples Submitted: February 25, 2015 Laboratory Reference: 1502-225

Project: 1412-2091

Case Narrative

Samples were collected on February 25, 2015 and received by the laboratory on February 25, 2015. They were maintained at the laboratory at a temperature of 2°C to 6°C.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Halogenated Volatiles EPA 8260C (soil) Analysis

Per EPA Method 5035A, samples were received by the laboratory in pre-weighed 40 mL VOA vials within 48 hours of sample collection. They were stored in a freezer at between -7°C and -20°C until extraction or analysis.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.

Project: 1412-2091

HALOGENATED VOLATILES EPA 8260C page 1 of 2

Matrix: Soil Units: mg/kg

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	B12-2091-16					
Laboratory ID:	02-225-01					
Dichlorodifluoromethane	ND	0.0017	EPA 8260C	2-26-15	2-26-15	
Chloromethane	ND	0.0085	EPA 8260C	2-26-15	2-26-15	
Vinyl Chloride	ND	0.0017	EPA 8260C	2-26-15	2-26-15	
Bromomethane	ND	0.0017	EPA 8260C	2-26-15	2-26-15	
Chloroethane	ND	0.0085	EPA 8260C	2-26-15	2-26-15	
Trichlorofluoromethane	ND	0.0017	EPA 8260C	2-26-15	2-26-15	
1,1-Dichloroethene	ND	0.0017	EPA 8260C	2-26-15	2-26-15	
Iodomethane	ND	0.0085	EPA 8260C	2-26-15	2-26-15	
Methylene Chloride	ND	0.0085	EPA 8260C	2-26-15	2-26-15	
(trans) 1,2-Dichloroethene	ND	0.0017	EPA 8260C	2-26-15	2-26-15	
1,1-Dichloroethane	ND	0.0017	EPA 8260C	2-26-15	2-26-15	
2,2-Dichloropropane	ND	0.0017	EPA 8260C	2-26-15	2-26-15	
(cis) 1,2-Dichloroethene	ND	0.0017	EPA 8260C	2-26-15	2-26-15	
Bromochloromethane	ND	0.0017	EPA 8260C	2-26-15	2-26-15	
Chloroform	ND	0.0017	EPA 8260C	2-26-15	2-26-15	
1,1,1-Trichloroethane	ND	0.0017	EPA 8260C	2-26-15	2-26-15	
Carbon Tetrachloride	ND	0.0017	EPA 8260C	2-26-15	2-26-15	
1,1-Dichloropropene	ND	0.0017	EPA 8260C	2-26-15	2-26-15	
1,2-Dichloroethane	ND	0.0017	EPA 8260C	2-26-15	2-26-15	
Trichloroethene	ND	0.0017	EPA 8260C	2-26-15	2-26-15	
1,2-Dichloropropane	ND	0.0017	EPA 8260C	2-26-15	2-26-15	
Dibromomethane	ND	0.0017	EPA 8260C	2-26-15	2-26-15	
Bromodichloromethane	ND	0.0017	EPA 8260C	2-26-15	2-26-15	
2-Chloroethyl Vinyl Ether	ND	0.0085	EPA 8260C	2-26-15	2-26-15	
(cis) 1,3-Dichloropropene	ND	0.0017	EPA 8260C	2-26-15	2-26-15	
(trans) 1,3-Dichloropropene	ND	0.0017	EPA 8260C	2-26-15	2-26-15	

Project: 1412-2091

HALOGENATED VOLATILES EPA 8260C

page 2 of 2

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	B12-2091-16					
Laboratory ID:	02-225-01					
1,1,2-Trichloroethane	ND	0.0017	EPA 8260C	2-26-15	2-26-15	
Tetrachloroethene	0.011	0.0017	EPA 8260C	2-26-15	2-26-15	
1,3-Dichloropropane	ND	0.0017	EPA 8260C	2-26-15	2-26-15	
Dibromochloromethane	ND	0.0017	EPA 8260C	2-26-15	2-26-15	
1,2-Dibromoethane	ND	0.0017	EPA 8260C	2-26-15	2-26-15	
Chlorobenzene	ND	0.0017	EPA 8260C	2-26-15	2-26-15	
1,1,1,2-Tetrachloroethane	ND	0.0017	EPA 8260C	2-26-15	2-26-15	
Bromoform	ND	0.0017	EPA 8260C	2-26-15	2-26-15	
Bromobenzene	ND	0.0017	EPA 8260C	2-26-15	2-26-15	
1,1,2,2-Tetrachloroethane	ND	0.0017	EPA 8260C	2-26-15	2-26-15	
1,2,3-Trichloropropane	ND	0.0017	EPA 8260C	2-26-15	2-26-15	
2-Chlorotoluene	ND	0.0017	EPA 8260C	2-26-15	2-26-15	
4-Chlorotoluene	ND	0.0017	EPA 8260C	2-26-15	2-26-15	
1,3-Dichlorobenzene	ND	0.0017	EPA 8260C	2-26-15	2-26-15	
1,4-Dichlorobenzene	ND	0.0017	EPA 8260C	2-26-15	2-26-15	
1,2-Dichlorobenzene	ND	0.0017	EPA 8260C	2-26-15	2-26-15	
1,2-Dibromo-3-chloropropane	ND	0.0085	EPA 8260C	2-26-15	2-26-15	
1,2,4-Trichlorobenzene	ND	0.0017	EPA 8260C	2-26-15	2-26-15	
Hexachlorobutadiene	ND	0.0085	EPA 8260C	2-26-15	2-26-15	
1,2,3-Trichlorobenzene	ND	0.0017	EPA 8260C	2-26-15	2-26-15	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	107	76-131				
Toluene-d8	105	82-129				
4-Bromofluorobenzene	103	79-126				

Project: 1412-2091

HALOGENATED VOLATILES EPA 8260C

page 1 of 2

Matrix: Soil Units: mg/kg

3 3				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	B13-2091-14					
Laboratory ID:	02-225-03					
Dichlorodifluoromethane	ND	0.0014	EPA 8260C	2-26-15	2-26-15	
Chloromethane	ND	0.0068	EPA 8260C	2-26-15	2-26-15	
Vinyl Chloride	ND	0.0014	EPA 8260C	2-26-15	2-26-15	
Bromomethane	ND	0.0014	EPA 8260C	2-26-15	2-26-15	
Chloroethane	ND	0.0068	EPA 8260C	2-26-15	2-26-15	
Trichlorofluoromethane	ND	0.0014	EPA 8260C	2-26-15	2-26-15	
1,1-Dichloroethene	ND	0.0014	EPA 8260C	2-26-15	2-26-15	
Iodomethane	ND	0.0068	EPA 8260C	2-26-15	2-26-15	
Methylene Chloride	ND	0.0068	EPA 8260C	2-26-15	2-26-15	
(trans) 1,2-Dichloroethene	ND	0.0014	EPA 8260C	2-26-15	2-26-15	
1,1-Dichloroethane	ND	0.0014	EPA 8260C	2-26-15	2-26-15	
2,2-Dichloropropane	ND	0.0014	EPA 8260C	2-26-15	2-26-15	
(cis) 1,2-Dichloroethene	ND	0.0014	EPA 8260C	2-26-15	2-26-15	
Bromochloromethane	ND	0.0014	EPA 8260C	2-26-15	2-26-15	
Chloroform	ND	0.0014	EPA 8260C	2-26-15	2-26-15	
1,1,1-Trichloroethane	ND	0.0014	EPA 8260C	2-26-15	2-26-15	
Carbon Tetrachloride	ND	0.0014	EPA 8260C	2-26-15	2-26-15	
1,1-Dichloropropene	ND	0.0014	EPA 8260C	2-26-15	2-26-15	
1,2-Dichloroethane	ND	0.0014	EPA 8260C	2-26-15	2-26-15	
Trichloroethene	ND	0.0014	EPA 8260C	2-26-15	2-26-15	
1,2-Dichloropropane	ND	0.0014	EPA 8260C	2-26-15	2-26-15	
Dibromomethane	ND	0.0014	EPA 8260C	2-26-15	2-26-15	
Bromodichloromethane	ND	0.0014	EPA 8260C	2-26-15	2-26-15	
2-Chloroethyl Vinyl Ether	ND	0.0068	EPA 8260C	2-26-15	2-26-15	
(cis) 1,3-Dichloropropene	ND	0.0014	EPA 8260C	2-26-15	2-26-15	
(trans) 1,3-Dichloropropene	ND	0.0014	EPA 8260C	2-26-15	2-26-15	

Project: 1412-2091

HALOGENATED VOLATILES EPA 8260C page 2 of 2

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	B13-2091-14					
Laboratory ID:	02-225-03					
1,1,2-Trichloroethane	ND	0.0014	EPA 8260C	2-26-15	2-26-15	
Tetrachloroethene	ND	0.0014	EPA 8260C	2-26-15	2-26-15	
1,3-Dichloropropane	ND	0.0014	EPA 8260C	2-26-15	2-26-15	
Dibromochloromethane	ND	0.0014	EPA 8260C	2-26-15	2-26-15	
1,2-Dibromoethane	ND	0.0014	EPA 8260C	2-26-15	2-26-15	
Chlorobenzene	ND	0.0014	EPA 8260C	2-26-15	2-26-15	
1,1,1,2-Tetrachloroethane	ND	0.0014	EPA 8260C	2-26-15	2-26-15	
Bromoform	ND	0.0014	EPA 8260C	2-26-15	2-26-15	
Bromobenzene	ND	0.0014	EPA 8260C	2-26-15	2-26-15	
1,1,2,2-Tetrachloroethane	ND	0.0014	EPA 8260C	2-26-15	2-26-15	
1,2,3-Trichloropropane	ND	0.0014	EPA 8260C	2-26-15	2-26-15	
2-Chlorotoluene	ND	0.0014	EPA 8260C	2-26-15	2-26-15	
4-Chlorotoluene	ND	0.0014	EPA 8260C	2-26-15	2-26-15	
1,3-Dichlorobenzene	ND	0.0014	EPA 8260C	2-26-15	2-26-15	
1,4-Dichlorobenzene	ND	0.0014	EPA 8260C	2-26-15	2-26-15	
1,2-Dichlorobenzene	ND	0.0014	EPA 8260C	2-26-15	2-26-15	
1,2-Dibromo-3-chloropropane	ND	0.0068	EPA 8260C	2-26-15	2-26-15	
1,2,4-Trichlorobenzene	ND	0.0014	EPA 8260C	2-26-15	2-26-15	
Hexachlorobutadiene	ND	0.0068	EPA 8260C	2-26-15	2-26-15	
1,2,3-Trichlorobenzene	ND	0.0014	EPA 8260C	2-26-15	2-26-15	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	100	76-131				
Toluene-d8	100	82-129				
4-Bromofluorobenzene	96	79-126				

Project: 1412-2091

HALOGENATED VOLATILES EPA 8260C METHOD BLANK QUALITY CONTROL

Page 1 of 2

Matrix: Soil Units: mg/kg

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Project: 1412-2091

HALOGENATED VOLATILES EPA 8260C METHOD BLANK QUALITY CONTROL

Page 2 of 2

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Laborator ID.	MDOOOCCA					
Laboratory ID:	MB0226S1	0.0040	EDA 00000	0.00.45	0.00.45	
1,1,2-Trichloroethane	ND	0.0010	EPA 8260C	2-26-15	2-26-15	
Tetrachloroethene	ND	0.0010	EPA 8260C	2-26-15	2-26-15	
1,3-Dichloropropane	ND	0.0010	EPA 8260C	2-26-15	2-26-15	
Dibromochloromethane	ND	0.0010	EPA 8260C	2-26-15	2-26-15	
1,2-Dibromoethane	ND	0.0010	EPA 8260C	2-26-15	2-26-15	
Chlorobenzene	ND	0.0010	EPA 8260C	2-26-15	2-26-15	
1,1,1,2-Tetrachloroethane	ND	0.0010	EPA 8260C	2-26-15	2-26-15	
Bromoform	ND	0.0010	EPA 8260C	2-26-15	2-26-15	
Bromobenzene	ND	0.0010	EPA 8260C	2-26-15	2-26-15	
1,1,2,2-Tetrachloroethane	ND	0.0010	EPA 8260C	2-26-15	2-26-15	
1,2,3-Trichloropropane	ND	0.0010	EPA 8260C	2-26-15	2-26-15	
2-Chlorotoluene	ND	0.0010	EPA 8260C	2-26-15	2-26-15	
4-Chlorotoluene	ND	0.0010	EPA 8260C	2-26-15	2-26-15	
1,3-Dichlorobenzene	ND	0.0010	EPA 8260C	2-26-15	2-26-15	
1,4-Dichlorobenzene	ND	0.0010	EPA 8260C	2-26-15	2-26-15	
1,2-Dichlorobenzene	ND	0.0010	EPA 8260C	2-26-15	2-26-15	
1,2-Dibromo-3-chloropropane	ND	0.0050	EPA 8260C	2-26-15	2-26-15	
1,2,4-Trichlorobenzene	ND	0.0010	EPA 8260C	2-26-15	2-26-15	
Hexachlorobutadiene	ND	0.0050	EPA 8260C	2-26-15	2-26-15	
1,2,3-Trichlorobenzene	ND	0.0010	EPA 8260C	2-26-15	2-26-15	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	108	76-131				
Toluene-d8	106	82-129				
4-Bromofluorobenzene	108	79-126				

Project: 1412-2091

HALOGENATED VOLATILES EPA 8260C SB/SBD QUALITY CONTROL

Matrix: Soil Units: mg/kg

					Per	cent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Rece	overy	Limits	RPD	Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB02	26S1								
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	0.0447	0.0468	0.0500	0.0500	89	94	66-129	5	15	
Benzene	0.0468	0.0477	0.0500	0.0500	94	95	71-123	2	15	
Trichloroethene	0.0488	0.0490	0.0500	0.0500	98	98	75-115	0	15	
Toluene	0.0481	0.0488	0.0500	0.0500	96	98	75-120	1	15	
Chlorobenzene	0.0461	0.0455	0.0500	0.0500	92	91	75-121	1	15	
Surrogate:										
Dibromofluoromethane					100	101	76-131			
Toluene-d8					97	99	82-129			
4-Bromofluorobenzene					97	99	79-126			

Project: 1412-2091

HALOGENATED VOLATILES EPA 8260C page 1 of 2

F-430 .

Matrix: Water Units: ug/L

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	B12-2091-GW					
Laboratory ID:	02-225-02					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	2-26-15	2-26-15	
Chloromethane	ND	1.0	EPA 8260C	2-26-15	2-26-15	
Vinyl Chloride	ND	0.20	EPA 8260C	2-26-15	2-26-15	
Bromomethane	ND	0.29	EPA 8260C	2-26-15	2-26-15	
Chloroethane	ND	1.0	EPA 8260C	2-26-15	2-26-15	
Trichlorofluoromethane	ND	0.20	EPA 8260C	2-26-15	2-26-15	
1,1-Dichloroethene	ND	0.20	EPA 8260C	2-26-15	2-26-15	
lodomethane	ND	1.0	EPA 8260C	2-26-15	2-26-15	
Methylene Chloride	ND	1.0	EPA 8260C	2-26-15	2-26-15	
(trans) 1,2-Dichloroethene	0.21	0.20	EPA 8260C	2-26-15	2-26-15	
1,1-Dichloroethane	ND	0.20	EPA 8260C	2-26-15	2-26-15	
2,2-Dichloropropane	ND	0.20	EPA 8260C	2-26-15	2-26-15	
(cis) 1,2-Dichloroethene	17	0.20	EPA 8260C	2-26-15	2-26-15	
Bromochloromethane	ND	0.20	EPA 8260C	2-26-15	2-26-15	
Chloroform	ND	0.20	EPA 8260C	2-26-15	2-26-15	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	2-26-15	2-26-15	
Carbon Tetrachloride	ND	0.20	EPA 8260C	2-26-15	2-26-15	
1,1-Dichloropropene	ND	0.20	EPA 8260C	2-26-15	2-26-15	
1,2-Dichloroethane	ND	0.20	EPA 8260C	2-26-15	2-26-15	
Trichloroethene	5.5	0.20	EPA 8260C	2-26-15	2-26-15	
1,2-Dichloropropane	ND	0.20	EPA 8260C	2-26-15	2-26-15	
Dibromomethane	ND	0.20	EPA 8260C	2-26-15	2-26-15	
Bromodichloromethane	ND	0.20	EPA 8260C	2-26-15	2-26-15	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	2-26-15	2-26-15	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	2-26-15	2-26-15	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	2-26-15	2-26-15	

Project: 1412-2091

HALOGENATED VOLATILES EPA 8260C

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				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	B12-2091-GW					
Laboratory ID:	02-225-02					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	2-26-15	2-26-15	
Tetrachloroethene	25	0.20	EPA 8260C	2-26-15	2-26-15	
1,3-Dichloropropane	ND	0.20	EPA 8260C	2-26-15	2-26-15	
Dibromochloromethane	ND	0.20	EPA 8260C	2-26-15	2-26-15	
1,2-Dibromoethane	ND	0.20	EPA 8260C	2-26-15	2-26-15	
Chlorobenzene	ND	0.20	EPA 8260C	2-26-15	2-26-15	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	2-26-15	2-26-15	
Bromoform	ND	1.0	EPA 8260C	2-26-15	2-26-15	
Bromobenzene	ND	0.20	EPA 8260C	2-26-15	2-26-15	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	2-26-15	2-26-15	
1,2,3-Trichloropropane	ND	0.25	EPA 8260C	2-26-15	2-26-15	
2-Chlorotoluene	ND	0.20	EPA 8260C	2-26-15	2-26-15	
4-Chlorotoluene	ND	0.20	EPA 8260C	2-26-15	2-26-15	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	2-26-15	2-26-15	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	2-26-15	2-26-15	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	2-26-15	2-26-15	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	2-26-15	2-26-15	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	2-26-15	2-26-15	
Hexachlorobutadiene	ND	0.20	EPA 8260C	2-26-15	2-26-15	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	2-26-15	2-26-15	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	96	79-122				
Taluana do	00	00 100				

Project: 1412-2091

HALOGENATED VOLATILES EPA 8260C page 1 of 2

Matrix: Water Units: ug/L

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	B13-2091-GW					
Laboratory ID:	02-225-04					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	2-26-15	2-26-15	
Chloromethane	ND	1.0	EPA 8260C	2-26-15	2-26-15	
Vinyl Chloride	ND	0.20	EPA 8260C	2-26-15	2-26-15	
Bromomethane	ND	0.29	EPA 8260C	2-26-15	2-26-15	
Chloroethane	ND	1.0	EPA 8260C	2-26-15	2-26-15	
Trichlorofluoromethane	ND	0.20	EPA 8260C	2-26-15	2-26-15	
1,1-Dichloroethene	ND	0.20	EPA 8260C	2-26-15	2-26-15	
Iodomethane	ND	1.0	EPA 8260C	2-26-15	2-26-15	
Methylene Chloride	ND	1.0	EPA 8260C	2-26-15	2-26-15	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	2-26-15	2-26-15	
1,1-Dichloroethane	ND	0.20	EPA 8260C	2-26-15	2-26-15	
2,2-Dichloropropane	ND	0.20	EPA 8260C	2-26-15	2-26-15	
(cis) 1,2-Dichloroethene	0.21	0.20	EPA 8260C	2-26-15	2-26-15	
Bromochloromethane	ND	0.20	EPA 8260C	2-26-15	2-26-15	
Chloroform	ND	0.20	EPA 8260C	2-26-15	2-26-15	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	2-26-15	2-26-15	
Carbon Tetrachloride	ND	0.20	EPA 8260C	2-26-15	2-26-15	
1,1-Dichloropropene	ND	0.20	EPA 8260C	2-26-15	2-26-15	
1,2-Dichloroethane	ND	0.20	EPA 8260C	2-26-15	2-26-15	
Trichloroethene	ND	0.20	EPA 8260C	2-26-15	2-26-15	
1,2-Dichloropropane	ND	0.20	EPA 8260C	2-26-15	2-26-15	
Dibromomethane	ND	0.20	EPA 8260C	2-26-15	2-26-15	
Bromodichloromethane	ND	0.20	EPA 8260C	2-26-15	2-26-15	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	2-26-15	2-26-15	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	2-26-15	2-26-15	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	2-26-15	2-26-15	

Project: 1412-2091

HALOGENATED VOLATILES EPA 8260C page 2 of 2

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Client ID:	B13-2091-GW					
Laboratory ID:	02-225-04					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	2-26-15	2-26-15	
Tetrachloroethene	1.1	0.20	EPA 8260C	2-26-15	2-26-15	
1,3-Dichloropropane	ND	0.20	EPA 8260C	2-26-15	2-26-15	
Dibromochloromethane	ND	0.20	EPA 8260C	2-26-15	2-26-15	
1,2-Dibromoethane	ND	0.20	EPA 8260C	2-26-15	2-26-15	
Chlorobenzene	ND	0.20	EPA 8260C	2-26-15	2-26-15	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	2-26-15	2-26-15	
Bromoform	ND	1.0	EPA 8260C	2-26-15	2-26-15	
Bromobenzene	ND	0.20	EPA 8260C	2-26-15	2-26-15	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	2-26-15	2-26-15	
1,2,3-Trichloropropane	ND	0.25	EPA 8260C	2-26-15	2-26-15	
2-Chlorotoluene	ND	0.20	EPA 8260C	2-26-15	2-26-15	
4-Chlorotoluene	ND	0.20	EPA 8260C	2-26-15	2-26-15	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	2-26-15	2-26-15	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	2-26-15	2-26-15	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	2-26-15	2-26-15	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	2-26-15	2-26-15	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	2-26-15	2-26-15	
Hexachlorobutadiene	ND	0.20	EPA 8260C	2-26-15	2-26-15	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	2-26-15	2-26-15	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	91	79-122				
Toluene-d8	103	80-120				
4-Bromofluorobenzene	102	80-120				

Project: 1412-2091

HALOGENATED VOLATILES EPA 8260C METHOD BLANK QUALITY CONTROL

Page 1 of 2

Matrix: Water Units: ug/L

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Laboratory ID:	MB0226W1					
Dichlorodifluoromethane	ND	0.20	EPA 8260C	2-26-15	2-26-15	
Chloromethane	ND	1.0	EPA 8260C	2-26-15	2-26-15	
Vinyl Chloride	ND	0.20	EPA 8260C	2-26-15	2-26-15	
Bromomethane	ND	0.29	EPA 8260C	2-26-15	2-26-15	
Chloroethane	ND	1.0	EPA 8260C	2-26-15	2-26-15	
Trichlorofluoromethane	ND	0.20	EPA 8260C	2-26-15	2-26-15	
1,1-Dichloroethene	ND	0.20	EPA 8260C	2-26-15	2-26-15	
Iodomethane	ND	1.0	EPA 8260C	2-26-15	2-26-15	
Methylene Chloride	ND	1.0	EPA 8260C	2-26-15	2-26-15	
(trans) 1,2-Dichloroethene	ND	0.20	EPA 8260C	2-26-15	2-26-15	
1,1-Dichloroethane	ND	0.20	EPA 8260C	2-26-15	2-26-15	
2,2-Dichloropropane	ND	0.20	EPA 8260C	2-26-15	2-26-15	
(cis) 1,2-Dichloroethene	ND	0.20	EPA 8260C	2-26-15	2-26-15	
Bromochloromethane	ND	0.20	EPA 8260C	2-26-15	2-26-15	
Chloroform	ND	0.20	EPA 8260C	2-26-15	2-26-15	
1,1,1-Trichloroethane	ND	0.20	EPA 8260C	2-26-15	2-26-15	
Carbon Tetrachloride	ND	0.20	EPA 8260C	2-26-15	2-26-15	
1,1-Dichloropropene	ND	0.20	EPA 8260C	2-26-15	2-26-15	
1,2-Dichloroethane	ND	0.20	EPA 8260C	2-26-15	2-26-15	
Trichloroethene	ND	0.20	EPA 8260C	2-26-15	2-26-15	
1,2-Dichloropropane	ND	0.20	EPA 8260C	2-26-15	2-26-15	
Dibromomethane	ND	0.20	EPA 8260C	2-26-15	2-26-15	
Bromodichloromethane	ND	0.20	EPA 8260C	2-26-15	2-26-15	
2-Chloroethyl Vinyl Ether	ND	1.0	EPA 8260C	2-26-15	2-26-15	
(cis) 1,3-Dichloropropene	ND	0.20	EPA 8260C	2-26-15	2-26-15	
(trans) 1,3-Dichloropropene	ND	0.20	EPA 8260C	2-26-15	2-26-15	

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HALOGENATED VOLATILES EPA 8260C METHOD BLANK QUALITY CONTROL

Page 2 of 2

				Date	Date	
Analyte	Result	PQL	Method	Prepared	Analyzed	Flags
Laboratory ID:	MB0226W1					
1,1,2-Trichloroethane	ND	0.20	EPA 8260C	2-26-15	2-26-15	
Tetrachloroethene	ND	0.20	EPA 8260C	2-26-15	2-26-15	
1,3-Dichloropropane	ND	0.20	EPA 8260C	2-26-15	2-26-15	
Dibromochloromethane	ND	0.20	EPA 8260C	2-26-15	2-26-15	
1,2-Dibromoethane	ND	0.20	EPA 8260C	2-26-15	2-26-15	
Chlorobenzene	ND	0.20	EPA 8260C	2-26-15	2-26-15	
1,1,1,2-Tetrachloroethane	ND	0.20	EPA 8260C	2-26-15	2-26-15	
Bromoform	ND	1.0	EPA 8260C	2-26-15	2-26-15	
Bromobenzene	ND	0.20	EPA 8260C	2-26-15	2-26-15	
1,1,2,2-Tetrachloroethane	ND	0.20	EPA 8260C	2-26-15	2-26-15	
1,2,3-Trichloropropane	ND	0.25	EPA 8260C	2-26-15	2-26-15	
2-Chlorotoluene	ND	0.20	EPA 8260C	2-26-15	2-26-15	
4-Chlorotoluene	ND	0.20	EPA 8260C	2-26-15	2-26-15	
1,3-Dichlorobenzene	ND	0.20	EPA 8260C	2-26-15	2-26-15	
1,4-Dichlorobenzene	ND	0.20	EPA 8260C	2-26-15	2-26-15	
1,2-Dichlorobenzene	ND	0.20	EPA 8260C	2-26-15	2-26-15	
1,2-Dibromo-3-chloropropane	ND	1.0	EPA 8260C	2-26-15	2-26-15	
1,2,4-Trichlorobenzene	ND	0.20	EPA 8260C	2-26-15	2-26-15	
Hexachlorobutadiene	ND	0.20	EPA 8260C	2-26-15	2-26-15	
1,2,3-Trichlorobenzene	ND	0.20	EPA 8260C	2-26-15	2-26-15	
Surrogate:	Percent Recovery	Control Limits				
Dibromofluoromethane	87	79-122				
Toluene-d8	98	80-120				
4-Bromofluorobenzene	97	80-120				

Date of Report: March 3, 2015

Samples Submitted: February 25, 2015 Laboratory Reference: 1502-225

Project: 1412-2091

HALOGENATED VOLATILES EPA 8260C SB/SBD QUALITY CONTROL

Matrix: Water Units: ug/L

					Per	cent	Recovery		RPD	
Analyte	Res	sult	Spike	Level	Recovery		Limits	RPD	Limit	Flags
SPIKE BLANKS										
Laboratory ID:	SB0226W1									
	SB	SBD	SB	SBD	SB	SBD				
1,1-Dichloroethene	8.16	8.24	10.0	10.0	82	82	64-138	1	16	
Benzene	8.24	8.37	10.0	10.0	82	84	76-125	2	14	
Trichloroethene	6.95	7.18	10.0	10.0	70	72	70-125	3	16	
Toluene	8.33	8.53	10.0	10.0	83	85	75-125	2	15	
Chlorobenzene	8.25	8.40	10.0	10.0	83	84	80-140	2	15	
Surrogate:										
Dibromofluoromethane					91	90	79-122			
Toluene-d8					95	93	80-120			
4-Bromofluorobenzene					100	95	80-120			

% MOISTURE

Date Analyzed: 2-26-15

Client ID	Lab ID	% Moisture
B12-2091-16	02-225-01	11
B13-2091-14	02-225-03	14



Data Qualifiers and Abbreviations

- A Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
- B The analyte indicated was also found in the blank sample.
- C The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
- E The value reported exceeds the quantitation range and is an estimate.
- F Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
- H The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
- I Compound recovery is outside of the control limits.
- J The value reported was below the practical quantitation limit. The value is an estimate.
- K Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
- L The RPD is outside of the control limits.
- M Hydrocarbons in the gasoline range are impacting the diesel range result.
- M1 Hydrocarbons in the gasoline range (toluene-napthalene) are present in the sample.
- N Hydrocarbons in the lube oil range are impacting the diesel range result.
- N1 Hydrocarbons in diesel range are impacting lube oil range results.
- O Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
- P The RPD of the detected concentrations between the two columns is greater than 40.
- Q Surrogate recovery is outside of the control limits.
- S Surrogate recovery data is not available due to the necessary dilution of the sample.
- T The sample chromatogram is not similar to a typical _____
- U The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
- U1 The practical quantitation limit is elevated due to interferences present in the sample.
- V Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
- W Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
- X Sample extract treated with a mercury cleanup procedure.
- X1- Sample extract treated with a Sulfuric acid/Silica gel cleanup procedure.
- Y The calibration verification for this analyte exceeded the 20% drift specified in method 8260C, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.

Z -

ND - Not Detected at PQL PQL - Practical Quantitation Limit RPD - Relative Percent Difference



Chain of Custody

Page / of /

Reviewed/Date	Received	Relinquished	Received	Relinquished	Received	Relinquished	Signature			4 B13-2091-GW	3 1813-2091-14*	2 B12-2091-GW	1 812-2091-16	Lab ID Sample Identification	Sampled by: US Gro	Project Managager Nels B. Cong	Project Name: COG/C	Project Number: 14/2-209/	Company: Andresen Environmental		Analytical Laboratory Testing Services 14648 NE 95th Street • Redmond, WA 98052
Reviewed/Date					052	- Arberson E	Company			25/15 11:20 Mate 3	2/25/15/0935 sont "	water	100% Sert	Date Time Sampled Sampled Matrix	(other)		(TPH analysis 5 Days)	2 Days 3 Days	Same Day 1 Day	(Check One)	Turnaround Request (in working days)
					2/25/15-209	non 45/15 200	Date Time			\times_{\times	\$ X	ω ×	7	NWTP NWTP NWTP Volatile Haloge Semive	H-HCIE H-Gx/E H-Gx H-Dx es 8260 enated	BTEX OC Volatiles 8270D/	s 8260C			-	Laboratory Number:
Chromatograms with final report						* Rain Water in 613-2091-14 Scory	0,							PAHs and PCBs of Organo Organo Chlorin Total F	8270D/ 8082A ochlorin ophosph nated A RCRA M MTCA M	norus Pe cid Herl 1etals	cides 80 sticides a picides 8	8270D/S	MIM		02-225
						G.					×		×	% Mo	isture						

Data Package: Standard | Level III | Level IV |

Electronic Data Deliverables (EDDs) 🗌 -