

REMEDIAL INVESTIGATION AND FEASIBILITY STUDY REPORT

FORMER PARK LAUNDRY
WASHINGTON STATE DEPARTMENT OF ECOLOGY
AGREED ORDER NO. DE 6829



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ACRONYMS AND ABBREVIATIONS

Agreed Order	Agreed Order No. DE 6829 between Ecology and URIC
bgs	below ground surface
BWUE	beneficial water use evaluation
City	City of Ridgefield
Clark County Health	Clark County Public Health's Environmental Health Division
CSM	conceptual site model
CUL	cleanup level
DCA	dichloroethane
DCE	dichloroethene
E&E	Ecology and Environment, Inc.
Ecology	Washington State Department of Ecology
ESL	ecological screening level
FS	feasibility study
gpm	gallons per minute
Hahn	Hahn and Associates, Inc.
IHS	indicator hazardous substance
LUE	land use evaluation
MFA	Maul Foster & Alongi, Inc.
MTCA	Model Toxics Control Act
PCE	tetrachloroethene
POC	point of compliance
Port	Port of Ridgefield
Property	122 N. Main Avenue, Ridgefield, Washington
RA	risk assessment
RI	remedial investigation
RNWR	Ridgefield National Wildlife Refuge
Site	the Property and neighboring properties where contamination has come to be
Source Area	the Property and the two vacant lots located directly north of the Park Laundry property, collectively
SOP	standard operating procedure
TCE	trichloroethene
TEE	terrestrial ecological evaluation
ug/kg	micrograms per kilogram
ug/L	micrograms per liter
URIC	Union Ridge Investment Company
USEPA	U.S. Environmental Protection Agency
VOC	volatile organic compound
WAC	Washington Administrative Code
WBZ	water-bearing zone

1 INTRODUCTION

This report summarizes the remedial investigation (RI) and feasibility study (FS) conducted for Union Ridge Investment Company (URIC) for the property located at 122 N. Main Avenue in Ridgefield, Washington (the Property) (see Figure 1-1). The RI/FS was conducted in accordance with the requirements of the Model Toxics Control Act (MTCA) and the Agreed Order No. DE 6829 between the Washington State Department of Ecology (Ecology) and URIC (the Agreed Order). The RI work was consistent with the Remedial Action Work Plan (Maul Foster & Alongi, Inc. [MFA], 2010a) and subsequent work plans, including the Supplemental Soil Gas Sampling Work Plan (MFA, 2010b), the Supplemental Indoor Air Sampling Work Plan (MFA, 2012), and the Remedial Investigation Work Plan Addendum (MFA, 2014), all of which were reviewed and approved by Ecology.

Previous investigations indicated that volatile organic compounds (VOCs) are present on the Property and in groundwater beneath neighboring properties (the Site; see Figure 1-2). Historically, the Property was used by Park Laundry, which performed dry cleaning operations likely resulting in the release of tetrachloroethene (PCE).

1.1 Purpose and Objectives

The RI/FS was designed to meet the requirements of the Agreed Order and MTCA (Washington Administrative Code [WAC] 173-340) for performing an RI (which includes a risk assessment [RA]) and FS. The FS considers remedial technologies for mitigating Site conditions posing an unacceptable risk to human health or the environment, with a focus on presumptive remedies to the extent possible and appropriate. The FS also identifies final cleanup levels (CULs) for the Site.

Extensive soil, groundwater, soil gas, and air data have been collected at the Site since 2001. In 2014, Ecology determined that there were additional data gaps in order to complete the RI/FS (Ecology, 2014). The additional characterization work included:

- Slug testing to obtain site-specific estimates of hydraulic conductivity
- Additional soil and groundwater characterization to assess fate and transport of Site indicator hazardous substances (IHSs), which included PCE and its degradation products (including trichloroethene [TCE], cis-1,2-dichloroethene [DCE], trans-1,2-DCE, and vinyl chloride)
- Completion of an ecological receptor RA (terrestrial ecological evaluation [TEE])

2 BACKGROUND

2.1 Property and Site Description

The Property is zoned as Downtown Mixed Use and is approximately 25 feet wide (north-south) and 100 feet long (east-west). The Property is immediately adjoined by commercial businesses or publicly owned entities (e.g., police and fire station) (see Figure 2-1). Beyond these, the land use is primarily residential.

The Site is defined by the extent of Property-related contamination, which corresponds to the extent of groundwater contamination¹. The groundwater plume covers an estimated 22 acres. The plume generally follows the topography of the area, extending north and west from the Property, and is bounded on the west by Lake River. Soil impacts and, potentially, vapor intrusion or air impacts are within the extent of groundwater impacts (Site boundary; see Figure 1-2).

For the purposes of this report, “the Source Area” is defined as the area of the Site with the highest concentrations in soil, groundwater, and soil vapor; which includes the Property and the two vacant lots located directly north of the Park Laundry property, collectively (see Figure 1-2).

2.2 Site History

Historically, a building covered the western two-thirds of the Property. The building was constructed in approximately 1948 and removed in 2000. In the 1960s, an addition to the building, covering the entire Property, was constructed. Park Laundry used the building from approximately 1965 to 1977. The former owner/operator, Mr. Alvin Johnson, is deceased. The laundry service is believed to have included dry cleaning services and self-service, coin-operated washers and dryers.

Park Laundry’s operations had ceased by 1978; URIC purchased the Property on May 31, 1979. There was no dry-cleaning equipment in the building at the time of purchase. The Property was sold to Mr. Larry Beaman on February 15, 2000. Mr. Beaman removed the building and subsequently defaulted on his obligations. The Property was quitclaimed to Mr. Robert Hyatt, representing URIC, who then quitclaimed the Property to URIC on November 19, 2007.

A parking lot used by the Ridgefield Police Department and owned by the City of Ridgefield (the City) is located along the southern border of the Property. To the east is a one-lane, paved alleyway, bordered by a city skate park. To the west is North Main Avenue and a food and drink establishment owned by MRS Development, LLC. To the north are two vacant lots owned by Frankie Rima-Hinrichs (Clark County GIS, 2016).

MFA reviewed state and federal agency database records, aerial photographs, and Sanborn Fire Insurance Maps for historical information related to the Property to evaluate the area for other

¹ Defined as having an exceedance of the Model Toxics Control Act Method A cleanup level.

potential sources of contamination (MFA, 2011a). Based on MFA's review of state and federal agency records, petroleum-hydrocarbon contamination has been confirmed on nearby properties; however, it is not a chemical of interest at the Property. No other sources of PCE were identified.

2.3 Geology and Hydrogeology

2.3.1 Site Geology and Hydrogeology

Borings have been advanced to as deep as 80 feet below ground surface (bgs) on the Property. Borings downgradient of the Property have been advanced as deep as 90 feet bgs. Figure 2-2 shows the location of a geologic cross section through the Site. The generalized geologic cross section is shown on Figure 2-3.

The geology on the Property, and on the upper terrace generally, consists of fine and silty sand to a depth of 15 feet bgs. An aquitard, composed of clayey material, underlies the sand and silty sand. The depth to clay, and therefore the thickness of the surficial silty sand, increases to the north and west. Both the surficial silty sand unit and the clay unit are considered to be Pleistocene alluvium. The aquitard is unsaturated and the shallow groundwater is perched in the upper terrace.

On the Property and the upper terrace, the clay unit is approximately 40 feet thick, with the bottom approximately 55 to 60 feet bgs. The clayey layer was observed in the borings at shallower depths to the south and east. Underlying the clay unit is a silty gravel (the Upper Troutdale Formation). In monitoring wells north of the Property (MW17 and MW18), the bottom of the clay layer was encountered at 33 feet bgs and 42 feet bgs, respectively. At MW19, the monitoring well the farthest north from the Property, no significant clay layer was encountered; the lithology transitioned from the upper silty sand unit to the silty gravel (Upper Troutdale) at approximately 18 feet bgs. Therefore, it appears that the clay layer pinches out approximately 1,500 feet north of the Property.

The change in topography represents a facies change where the surficial silty sand unit and the clay units in the upper terrace (Pleistocene alluvium) are absent beneath the lower terrace of Lake River (west of Railroad Avenue, see Figure 2-1). On the lower terrace, at the nearby Port of Ridgefield (Port) and the adjacent boat launch parking area, four principal geologic units have been identified: fill, Holocene (younger) alluvium, Pleistocene (older) alluvium, and the Tertiary Upper Troutdale formation (see Figures 2-2 and 2-3).

The Port is west of, and approximately 50 feet lower in elevation than the Property. A portion of the Port, Cell 3, is part of the Site (see Figures 1-2 and 2-1). The silty gravel observed beneath the Pleistocene alluvium represents the top of the Troutdale Formation and, as a result of weathering, acts as an aquitard. Typically, the monitoring wells on Port property in which PCE has been detected are screened in the recent alluvium, approximately 40 to 50 feet bgs. Groundwater west of Railroad Avenue, beneath the Port property is considered potable. The use of groundwater on the Port's property is not allowed and there is a restrictive covenant that prevents the use of groundwater on the Port's property.

Groundwater east of Railroad Avenue is considered to be non-potable. The reasons for a determination of non-potability include:

- The groundwater in the upper terrace is not a current or future source of drinking water.
- Available groundwater in the upper terrace above the clay unit is shallow, thin with respect to saturated thickness, and the fine-grained nature of the sediments (surficial silty sand unit) result in low yields when pumped.
- The thin, shallow nature of the perched groundwater in the upper terrace precludes well installation that would meet the Washington minimal functional standards for a supply well.

In the upland terrace, PCE is detected primarily in the surficial silty sand unit (Pleistocene alluvium) overlying the clay aquitard. It appears that there is a connection between the silty sand unit in the uplands and the Pleistocene alluvium (sandy/silty gravel) unit on the lower terrace and beneath the Port (see Figure 2-3). Ecology determined that because contaminated groundwater from the non-potable portion of the Site migrates to groundwater that is potable (on the Port's property), groundwater throughout the Site is considered to be potable. Generally, groundwater has been observed in the sand and silty sand (Pleistocene alluvium) of the upper terrace at approximately 5 to 10 feet bgs, and this groundwater is referred to throughout this report as the upper water-bearing zone (WBZ), which overlies the clay aquitard. Groundwater below the clay aquitard in the Upper Troutdale unit is referred to throughout this report as the lower WBZ. The estimated groundwater flow direction in the upper WBZ generally conforms to topography (see Figures 2-4 and 2-5). The Property is located on the upper terrace, where groundwater flow varies from west to almost due north, forming a groundwater ridge. Groundwater contours mimic topography and become steeper to the west, with the gradient flattening on the lower floodplain terrace. Groundwater flows from the upper WBZ towards Lake River and the Port. Groundwater elevation data from Site monitoring wells show that groundwater flow to the west and north at the Site is consistent being the same season to season. Groundwater monitoring data on the Port's property in Cell 3 has shown that groundwater flow in the lower terrace is consistently to the west, toward Lake River.

2.3.2 Area Geology and Hydrogeology

Several municipal drinking wells are located in Abram's Park, northeast of the Property (also discussed in Section 5.4). Well logs from the city supply wells indicate geologic conditions in the shallow soils similar to those of the Property (Appendix A), with a clay layer beginning approximately 15 to 20 feet bgs. Below the clay is a sand and gravel unit beginning at approximately 40 feet bgs (which corresponds to approximately 10 feet bgs at the Port) which is approximately 30 to 40 feet thick. Although the clay layer is absent beneath the Port, based on similar soil descriptions, the sand and gravel unit farther east on the ridge is connected to the similar Pleistocene alluvium layer found under the Port and the boat launch parking area, and that the unit dips slightly toward the west.

2.4 Previous Investigations and Cleanup Actions

Previous site investigations have identified VOC impacts in soil and groundwater on the Site (refer to Figures 2-6 and 2-7 for sampling locations). Previous investigations include the following:

- In November 2001, on behalf of the Port, MFA conducted a Phase II environmental site assessment on the 204-206 North Main Avenue property, north of the Property. MFA completed three borings (GP-1 through GP-3) and analyzed groundwater samples for VOCs. Detections of PCE in the three borings were above Ecology MTCA Method A screening levels (MFA, 2001).
- In July 2006, Hahn and Associates, Inc. (Hahn) conducted a subsurface investigation on the parcel directly north of the Property. Hahn completed five borings and conducted analysis for VOCs on groundwater samples from four of the borings (B-1 through B-4) (Hahn, 2006). PCE detections in all four borings were above MTCA Method A screening levels.
- In October 2006, Clark County Public Health's Environmental Health Division (Clark County Health) completed six borings (PL1 through PL6) on and directly north of the Property to collect soil and groundwater samples (Clark County Health, 2006). Soil samples were collected from the saturated zone, and groundwater samples were collected in the upper WBZ. The samples were analyzed for VOCs. Concentrations of PCE in soil exceeded MTCA Method A screening level values in PL2, PL3, and PL5. PCE in groundwater exceeded MTCA Method A in PL2 through PL5. The investigation conducted by Clark County Health led Ecology to place the Property in the Confirmed and Suspected Contaminated Sites database on January 4, 2007 (Clark County Health, 2006).
- In April 2008, the U.S. Environmental Protection Agency (USEPA) and its contractor, Ecology and Environment, Inc. (E&E), conducted testing from 24 borings (BG01 and GP01 through GP23) on and near the Property (E&E, 2008). Soil was collected from the saturated zone and from the vadose zone directly above groundwater from borings BG01 and GP01 through GP15 and subsequently analyzed. Groundwater samples were collected from all 24 borings in the upper WBZ and analyzed. Chlorinated solvents were detected on and near the Property above MTCA Method A screening levels (soil from borings GP02, GP07, GP08, GP11, and GP14; and groundwater from GP02 through GP08, GP11 through GP17, and GP19) (E&E, 2008).

Tables 2-1 through 2-3 summarize analytical results for VOCs in soil and groundwater from these investigations. Table 2-3 also contains groundwater data from monitoring wells in Cell 3 at the port (MFA, 2016).

In addition to historical investigations conducted on the Property, in the Source Area, and the immediate vicinity, detections of PCE in groundwater have been noted at the port's Cell 3 (see Figure 2-1) approximately 700 feet west and downgradient of the Property. The data for Cell 3 can be found in the February 2007 Cell 3 Remedial Investigation and Risk Assessment Report (MFA, 2007), and relevant data are included in this report (Table 2-3). PCE was detected in monitoring wells completed in the port's deeper portion of the upper WBZ (the Pleistocene alluvium; see Figure 2-3).

Based on the groundwater flow direction toward Lake River, the interconnectivity of the area geology, and groundwater sampling results, PCE observed in the deeper portion of the upper WBZ on Cell 3 and the boat launch parking area is the result of former Park Laundry dry cleaning operations.

Following extensive discussions with Ecology regarding the approach to assessing the potential for groundwater to impact Lake River and receipt of approval of this approach by Ecology, MFA performed additional characterization designed to assess if groundwater with concentrations of indicator hazardous substances (IHSs) would or would not be expected to impact Lake River or groundwater beneath the Ridgefield National Wildlife Refuge. At Ecology's direction, the additional site-characterization work included:

- Slug testing to obtain site-specific estimates of hydraulic conductivity.
- Sediment sampling to obtain organic carbon values for Lake River sediment.
- Conservative groundwater fate and transport modeling.
- Groundwater characterization across Lake River and west of Cell 3 on the Ridgefield national Wildlife Refuge.

Conservative groundwater modeling showed that IHSs would not reach Lake River (MFA, 2007). At Ecology's direction, the 2007 BIOCHLOR groundwater model conservatively assumed that no reductive dechlorination of PCE was occurring, and modeled attenuation of PCE based only on dispersion, adsorption, and first order decay. Both 30- and 100-year model runs indicated that PCE concentrations in groundwater would attenuate to levels below the most stringent regulatory criteria (surface-water CULs) before discharging to Lake River. Based on these modeling efforts, it is unlikely that groundwater discharges to Lake River will pose unacceptable risks to receptors. Groundwater sampling on the Ridgefield National Wildlife Refuge, performed at the direction of Ecology also showed that groundwater impacts from Cell 3 had not impacted groundwater beneath the refuge. Therefore, CULs for groundwater protective of surface water were not considered to be appropriate.

3 FIELD AND ANALYTICAL METHODS

Historical investigations of the Site were conducted by the Clark County Health Department and Hahn in 2006 and by the USEPA in 2008. MFA's RI activities began in 2010, with an investigation characterizing soil, groundwater, and soil vapor. Initial results did not fully define the extent of contamination, and further investigations were completed for both soil and groundwater. Groundwater results in relation to local homes and businesses indicated the possibility of vapor intrusion, supporting the need for a vapor intrusion investigation. MFA installed monitoring wells between 2011 and 2013. All the groundwater monitoring wells have been sampled quarterly since they were installed to provide representative analytical data; however, selected wells were sampled at a reduced frequency, as sample results indicated that concentrations have stabilized in those wells over time (see Table 3-1 for the monitoring schedule).

3.1 Soil

A summary of soil sample identification, depth, date collected, and analyses conducted is presented in Tables 3-2 and 3-3. In 2010, MFA advanced borings GP24 through GP61 from ground surface to the base of the surficial silt/sand unit, as well as advancing borings B5, and B8 through B11 below the

clay unit to the next encountered WBZ (the Site's lower WBZ) to assess potential impacts (see Figure 2-2). Bentonite seals were set in the clay unit, and step-down casing was used to advance the borings below the clay unit to prevent migration of contamination through the clay to the underlying lower WBZ. Borings B6 and B7 were advanced in 2010, concurrent with the other B-series borings, but only to the upper portion of the clay unit. For all boring locations described above, soil samples were collected at the surface (0 to 0.5 foot bgs), directly above the water table (5 feet bgs), and colocated with groundwater sample depths. Boring logs are provided in Appendix B. Field sampling data sheets are included as Appendix C. Laboratory reports and data validation memoranda can be found in Appendix D and Appendix E, respectively.

Samples from each boring were selected for analysis, based on observed impacts, elevated head-space readings collected with a photoionization detector, and/or information from previous investigations regarding detections of PCE. During the initial reconnaissance sampling event in March 2010, soil and groundwater samples were analyzed for VOCs by USEPA Method 8260B. There were a few random detections of VOCs, but other than PCE and other breakdown products, there were none at levels of concern, and it was then determined that PCE and breakdown products were the IHSs for the Site (Table 3-2). Subsequent soil samples were analyzed for halogenated VOCs by USEPA Method 8260B with USEPA Method 5035 sample preparation.

Borings GP62 through GP81 were advanced during MFA investigations in 2011. These borings were downgradient of the Property (see Figure 2-2). Because of the limited spatial extent of soil impacts observed in GP24 through GP61, no soil samples were collected at these locations.

In 2014, at the direction of Ecology, MFA advanced four additional borings (GP82 through GP86) and soil was sampled for chemical oxygen demand and total organic carbon. See Figure 2-2 for sampling locations and Table 3-4 for sample results.

3.2 Groundwater

3.2.1 Reconnaissance Samples

MFA collected upper WBZ groundwater samples from reconnaissance borings GP24 through GP81 and from B5 through B11 to help define the lateral extent of PCE impacts to shallow groundwater in the surficial unit. In addition, shallow groundwater samples proximal to nearby buildings provided data used in the vapor intrusion preliminary assessment. A summary of reconnaissance sample identification, depths, dates of collection, and analyses is presented in Tables 3-5 and 3-6.

Groundwater samples collected in the lower WBZ included B9-W-75.0, B9-W-89.0, B10-W-57.0, and B11-W-88.0. These borings were located on and downgradient of the Property (see Figures 2-2 and 2-3). Multiple groundwater samples were collected in the lower WBZ at location B9, the location where the lower WBZ was observed to be thickest (see Figure 2-3).

As with soil, during the March 2010 sampling event, groundwater was analyzed for VOCs by USEPA Method 8260B. From that event, it was confirmed that PCE and breakdown products were the IHSs in groundwater for the Site (Table 3-5). Subsequent groundwater samples were analyzed by USEPA Method 8260B for the focused VOC list of halogenated compounds shown on Table 3-6. This allowed

the laboratory to reach lower reporting limits, down to the detection limit (1 part per billion) for the targeted IHSs. The rationale for selecting these compounds was the historical use of the Property as a dry cleaner and the fact that PCE and associated breakdown products are the only contaminants of concern.

3.2.2 Monitoring Wells

At Ecology's request, MFA began quarterly groundwater sampling at the Site in March 2012. Monitoring wells were installed based on the estimated groundwater flow direction, PCE concentrations in reconnaissance borings, and distance from the presumed source area. Data from each monitoring event were submitted to Ecology in letter format. Groundwater sampling and analysis focused on the evaluation of PCE and its potential degradation products (primarily TCE, cis-1,2-DCE, trans-1,2-DCE, and vinyl chloride) above MTCA CULs.

In October 2012, at the request of Ecology, monitoring well groundwater samples were analyzed by USEPA Method 8260 for the full list of VOCs, but no other Site IHSs were identified. Field sampling data sheets are included as Appendix C. Laboratory reports and data validation memoranda can be found in Appendix D and Appendix E, respectively. Depth-to-groundwater measurements were recorded during each monitoring event and are shown on Table 3-7.

3.2.3 Aquifer Testing

In December 2014, at the direction of Ecology, slug testing was conducted at six monitoring wells (MW01, MW03, MW04, MW08, MW15, and MW16) to determine the hydraulic conductivity and transmissivity of the upper WBZ on the upland terrace, as well as in the transition zone going down the hill and on the lower terrace near the river. These parameters were used in the evaluation of contaminant fate and transport and an assessment of the capacity for the upper WBZ to produce potable water. The methods used for the pneumatic slug testing followed the detailed standard operating procedure (SOP) included in Appendix F; in general, the procedure involved the following steps:

- Installation and calibration of a data logger (transducer) in the well
- Pressurizing the air column above the standing water to force groundwater out of the well screen and into the formation
- Releasing the pressure and recording the rise in head, using the transducer
- Analysis of the rising head data, using AquiferTest Pro 2014

The pneumatic slug testing equipment (transducer, laptop, connections, and pump or gas cylinder) was supplied by the subcontractor (Cascade Drilling of Clackamas, Oregon). MFA analyzed the data, using AquiferTest Pro 2014 (see Appendix F), which allows for analysis using standard methods (e.g., American Society for Testing and Materials) that are consistent with those described in Kruseman and de Ridder (1994).

3.3 Air

MFA conducted initial soil gas sampling in March 2010 and June 2011 (MFA, 2010c; 2011b). These samples were collected on the Property, as well as to the south and north, and analyzed for PCE and breakdown products (1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, TCE, and vinyl chloride). See Figure 3-1 for sample locations and sample results for PCE. Several locations had PCE detections above the MTCA Method B soil gas screening levels, indicating that a follow up vapor intrusion exposure assessment was warranted to assess the likelihood of vapor intrusion into homes and businesses in the area.

As recommended in Ecology's draft vapor intrusion guidance (Ecology, 2009b), the vapor intrusion exposure assessment was conducted using a tiered approach consisting of a preliminary assessment, a Tier I assessment, and a Tier II assessment. A vapor intrusion and soil gas study area (see Appendix G) was designated based on results of the initial soil gas sampling and reconnaissance groundwater samples (see Tables 3-5 and 3-6).

Both Ecology and the Washington State Department of Health concluded that the indoor air pathway was not a complete exposure pathway and no further assessment or remediation for potential impacts to indoor air were necessary.

3.3.1 Preliminary Assessment

The goal of the preliminary assessment was to determine if there was potential for vapor intrusion into a property or residence. Previous site investigations identified VOC impacts in the soil, groundwater and soil gas near occupied buildings; this justified continuing with a Tier I assessment (Clark County Health, 2006; E&E, 2008; Hahn, 2006; MFA, 2001, 2011c).

3.3.2 Tier I Assessment

The Tier I assessment conducted in fall 2012 through summer 2013 included collecting data to define the nature and extent of contamination in the subsurface and developing preliminary conceptual site models (CSMs) for each building on or within 100 feet of the groundwater plume to identify locations with the greatest potential for vapor intrusion. Subsurface characterization was accomplished using soil and groundwater samples described above to define the nature and extent of shallow subsurface contamination. The results of the soil and groundwater investigation were used to define a vapor intrusion study area, which includes properties directly above or within 100 feet of the groundwater plume boundary (Figure 3-2).

MFA developed preliminary CSMs, based on information from written building surveys issued to occupants by Ecology and on information gathered from a property visit (which consisted of observing each of the properties in the vapor intrusion study area from adjacent public rights-of-way). The purposes of the CSMs (see Appendix C of Appendix G for CSM figures) were to identify possible exposure pathways as well as to prioritize buildings for sampling in order to assess the potential for vapor intrusion. Buildings were selected for Tier II assessment - indoor air sampling, based on factors such as proximity to the groundwater plume, the individual property owner's permission to conduct

the assessment, building construction type, and identification of exposure pathways, such as foundation cracks and utility penetrations. Three vacant properties were also included in the Tier II sampling assessment to evaluate the probability that indoor air could be impacted should a building be constructed there in the future.

3.3.3 Tier II Assessment—Vapor Intrusion Sampling

For the Tier II Assessment, 48 samples were collected and analyzed in 2012, and 47 during the 2013 field activities including indoor air samples, crawlspace air samples, soil gas samples, sub-slab soil gas samples, and background outdoor air samples. The sampling scope for properties in the vapor intrusion study area is summarized in Table 3-8. Soil gas and background outdoor air sampling locations are shown on Figure 3-3. In addition, property-specific indoor air and sub-slab sample locations are shown on each building CSM (see Appendix G).

The preliminary site visit included occupant interviews, an inspection to identify sampling locations, and the removal of potential indoor sources of chlorinated VOCs. To aid in the identification of potential indoor sources of chlorinated VOCs, MFA used a portable gas chromatograph/mass spectrometer, consistent with manufacturer-provided instructions, to screen the indoor air in each building during the preliminary site visits. Identified sources of possible chlorinated VOCs were removed until sample collection was completed.

Generally, criteria for selecting indoor air/crawlspace sample locations included the following:

- An attempt was made to collect at least one sample from each floor that contained occupied areas, including basements.
- For residences, sampling points focused on primary living areas and locations that may be most susceptible to subsurface vapor entry (e.g., utility penetrations, ventilation, bathrooms, and kitchens).
- For commercial buildings, samples were collected from primary work areas, as well as near identified points of vapor entry (e.g., sumps, utility line openings, and floor drains).
- The number of samples collected was generally consistent with professional judgment and the New Jersey vapor intrusion technical guidance document (Attachment 1 of Appendix G).
- If there was a crawlspace beneath the building, an attempt was made to collect at least one sample from the crawlspace. If feasible, the crawlspace sampling location was situated near the center of the building, away from vents or crawlspace openings.

Generally, criteria for selecting sub-slab sample locations included the following:

- Sub-slab samples were not collected from locations that contact or that reasonably could come into contact with groundwater or the capillary zone.

- Generally, basements on the Park Laundry site were not selected for sub-slab sampling. Exceptions were considered at the request of Ecology, based on a site-specific assessment of the potential for the slab to come into contact with water.
- The number of samples collected was generally consistent with professional judgment and the New Jersey vapor intrusion technical guidance document (Attachment 1 of Appendix G).
- Generally, sample probes were located near the center of the slab and were equidistant from each other relative to the outer walls of the building.
- If different slab materials were present, at least one sample was collected from each different type of slab material.

Sub-slab and/or soil gas sampling ports, if applicable, were installed during the preliminary visit. Preliminary visit field notes, observations, and occupant interviews, which aided in determining sample locations, are summarized in Appendix B of Appendix G of this report.

Samples were collected, consistent with the work plan, approximately 24 hours after the preliminary visit and according to the following methods:

- Indoor/crawlspace air samples. Indoor air samples were collected from each level (basement, first floor, second floor, etc.) and the crawlspace, if applicable, of each building included in the assessment. Sampling was conducted by MFA field staff, with oversight provided by an MFA certified industrial hygienist. The samples were collected in pre-evacuated, 6-liter, stainless steel canisters (Summa© canisters) with 24-hour flow controllers. Indoor air samples were collected 3 to 5 feet above the floor, and crawlspace samples were collected directly on the ground. Sampling criteria for indoor/crawlspace air samples are included in Attachment 1 of Appendix G.
- Sub-slab soil gas samples. Sub-slab soil gas samples were collected from the space immediately below the slab-on-grade or basement floor slabs, using permanent sampling points. Sub-slab holes were advanced through the concrete floor of each foundation slab and 3 to 4 inches into the engineered fill below the slab. Vapor probes were installed and sealed in each concrete slab, and connected to 1-liter Summa canisters used to collect the samples. Helium was contained around the sampling apparatus and sampling probe to serve as a leak-check compound during sampling. A detailed SOP describing the sub-slab soil gas sample collection procedure is included in Attachment 2 of Appendix G.
- Soil gas samples. Soil gas borings were advanced using a Geoprobe™ direct-push drilling unit. In-ground vapor probes, each consisting of a 0.5-inch-outside diameter pipe, with 6-inch long stainless steel screen, were connected to Teflon tubing. Each sample tube was pushed to a depth of approximately 5 feet bgs. For sampling the tubing was connected to 1-liter Summa canisters. Helium was contained around the sampling apparatus and sampling tubing to serve as a leak-check compound during sampling. A detailed SOP describing the soil gas sample collection procedure is included in Attachment 3 of Appendix G.

- Outdoor air samples. MFA collected outdoor air samples from three separate locations outside the groundwater plume boundary. Wind-direction data was collected to determine which outdoor air sampling point was in an upwind location during sampling. Outdoor air samples were collected at the same time as indoor air samples were collected. MFA placed 6-liter, stainless steel canisters (Summa canisters), each with a 24-hour flow controller, to the north, east, and south of the groundwater plume boundary. Wind-direction data were collected with a portable weather station mounted on the roof of the hardware store in downtown Ridgefield (on the corner of Pioneer Street and North Main Avenue).

Wind roses used to evaluate wind patterns for the selection of background sampling locations are included in Appendix A of Appendix G.

Samples from the above-referenced areas were analyzed for PCE and associated breakdown products (TCE; 1,1-DCE; cis-1,2-DCE; trans-1,2-DCE; 1,1-dichloroethane [1,1-DCA]; 1,2-DCA; chloroethane; and vinyl chloride) by Modified USEPA Method TO-15 selective ion monitoring.

4 NATURE AND EXTENT

The nature and extent of IHSs have been delineated in soil, groundwater, and air by a number of investigations. PCE and breakdown products are IHSs in each medium discussed. For a more detailed discussion of CULs used and specific exceedances, refer to Section 6.

4.1 Soil

Soil investigations were conducted in 2010 and 2011 to delineate the nature and extent of soil impacts (MFA, 2010c; 2011a,b).

Soil was sampled at the surface (0 to 0.5 foot bgs), directly above the water table (5 feet bgs), and collocated with groundwater sampling at depth. Beneath the Property and in the immediate vicinity, concentrations of PCE at 5 feet bgs generally correspond to those at the surface, but are most often at slightly lower concentrations (see Tables 3-2 and 3-3), indicating that contamination likely originated from the surface. Elevated concentrations of PCE in soil below the water table correlate to elevated concentrations in groundwater (see Section 4.2) beneath the Property and the Source Area. As shown in Figure 4-1, the extent of the soil impacts as deep as 15 feet bgs are generally confined to the eastern end of the Property and the adjacent properties to the south and north (which corresponds to an area directly behind the former Park Laundry building). However, there was one soil exceedance of MTCA Method A criteria beyond the eastern end of the Property in the upper 15 feet (at 14.5 feet) in location B8 (located in the Source Area).

Additional soil samples were collected from the top one to two feet of the upper confining clay unit in some deeper borings (B5, B7, B8, and B9) to assess the possibility of migration of PCE into the clay unit (see Table 3-3). The highest PCE concentrations in the top one to two feet of the clay unit are from borings B5 and B8 (samples B5-S-14.0 and B8-S-16.5) were detected at concentrations of

1,800 and 4,370 micrograms per kilogram (ug/kg), respectively. Lower PCE concentration levels in the top two feet of the clay unit were found in borings B7 and B9 (samples B7-S-15.5 and B9-S-21.5) at 351 and 507 ug/kg, respectively. Concentration levels of PCE from samples collected deeper in the clay unit, i.e., approximately 22 to 27 feet (B5-S-39.0, B8-S-40.0, B9-S-42.0) from the top of the clay unit, were below method reporting limits. Groundwater was not present in the clay unit. Groundwater was found below the clay unit at approximately 80 feet bgs in the sandy gravel unit of the Upper Troutdale Formation.

4.2 Groundwater

In order to fully quantify the nature and extent of groundwater impacts, MFA has conducted the following: reconnaissance sampling, monitoring well sampling, aquifer testing, and a natural attenuation analysis.

4.2.1 Reconnaissance Groundwater Samples

Results from reconnaissance groundwater samples were used to preliminarily identify IHSs and begin to characterize the nature and extent of groundwater contamination. Monitoring wells were subsequently installed to provide better quality data for characterizing the nature and extent of groundwater impacts. Results are shown in Tables 3-5 and 3-6, and locations in Figure 2-2.

PCE detections in the upper WBZ indicate that the highest concentration of PCE is on the eastern side of the Property, similar to the results of the soil sampling. The highest detection of PCE was at GP52, at a concentration of 37,700 micrograms per liter (ug/L) (see Figure 2-2 and Table 3-6). Concentrations of this magnitude have not been replicated in groundwater collected from monitoring wells on the Site. However, in addition to GP52, three historical borings on and directly adjacent to the east side of the Property (GP02, GP08, PL3; see Figure 2-7 and Table 2-3) have had concentrations of PCE elevated by a magnitude similar to that of GP52.

The extent of groundwater contamination south, southeast, and northeast of the Property is defined by a series of borings with IHS detections below CULs: GP24 through GP29, GP36, GP70, and GP78 (see Table 3-6). Downgradient of the Property, a relatively high concentration of PCE (2,600 ug/L) was detected in groundwater (the upper WBZ) at B8. Soil samples collected from B8 between 0 and 5 feet bgs contained PCE concentrations below MTCA screening levels (see Table 3-3 and Figure 4-1), which indicates that the elevated levels of PCE in groundwater at this location are the result of groundwater migration, rather than a secondary surficial source of PCE.

Borings B8 through B11 were advanced to evaluate the vertical extent of contamination beneath the upper terrace Pleistocene alluvium clay unit and the Upper Troutdale silty gravel aquitard units. While some of the samples were damp, saturated conditions were not encountered.

B8 was advanced to a total depth of 80 feet bgs and terminated in the Upper Troutdale silty gravel aquitard. B9 and B11 were advanced to depths of 94 and 100 feet, respectively, and both encountered groundwater in the Upper Troutdale sandy gravel (lower WBZ). Boring B10 was advanced to a total depth of 69.5 feet bgs, and terminated in the Upper Troutdale silty gravel aquitard. The clay aquitard was not observed in B10. Groundwater was observed in a lens of sandy alluvial material in the interior

of the silty gravel aquitard (see Figure 2-3). With the exception of this lens of sandy alluvial material, saturated conditions were not observed in either the Pleistocene alluvium clay or the Upper Troutdale silty gravel aquitards. The maximum PCE concentration observed in groundwater samples collected from the lower WBZ is 5.46 ug/L (see Table 3-6). However it is possible that concentrations detected in the lower WBZ during reconnaissance drilling were from drag-down of contamination from the upper WBZ, as the upper aquifer units were not cased off during drilling. Based on the thickness of the clay layer, the lack of groundwater in and below it, and the low concentrations in deeper groundwater, it does not appear that PCE has migrated vertically into the lower WBZ. MFA does not believe monitoring in deeper groundwater is warranted.

4.2.2 Quarterly Monitoring Well Sampling

Based on reconnaissance groundwater data, vertical extent of contamination is limited to the upper WBZ in the Pleistocene alluvium sand unit of the upper terrace and the hydraulically connected Pleistocene alluvium sandy gravel unit of the lower terrace². Monitoring wells were installed throughout the Site, targeting the upper WBZ in those units (see well completion details in Table 4-1). Twenty groundwater monitoring wells have been installed to enable complete characterization of the extent of groundwater contamination at the Site. Quarterly groundwater monitoring events were initially conducted beginning in March 2012, with a reduced monitoring frequency once concentration trends were established. Locations of the Park Laundry monitoring wells are included on Figures 1-2 and 2-2. Port monitoring wells are also included on both figures for informational purposes. Monitoring well analytical data are summarized in Table 4-2. Water quality parameter data are summarized in Table 4-3.

Groundwater sampling and analysis at the Site continue to focus on the characterization of IHSs, established during reconnaissance sampling as PCE and its possible degradation products (e.g., TCE, cis-1,2-DCE, trans-1,2-DCE, and vinyl chloride). TCE correlation to the PCE groundwater contamination is discussed in Section 4.2.4.

The highest concentrations of PCE in groundwater have consistently been measured in samples from MW03, north of the Property and within the Source Area, and MW05 (see Table 4-2). While earlier reconnaissance data indicated the presence of elevated concentrations of PCE on the Property (37,700 ug/L at GP52; see Table 3-6), data from monitoring well MW01 has been significantly lower than in MW03 and MW05, although there have been occasional exceedances of Method A CULs. And more recent results from MW02, show groundwater levels consistently below Method A CULs. MW01 was installed at the same sampling location as GP52. Both MW01 and MW02 are installed on the Property.

Figure 4-2 shows the concentration distribution of PCE and/or TCE for the September 2016 sampling event. Contaminant distribution has been generally consistent throughout monitoring events, and therefore this figure represents the extent of PCE/TCE concentrations at the Site. Generally speaking, PCE concentrations are highest in the Source Area. The PCE plume in groundwater follows groundwater flow direction, north-northwest. Concentrations decrease with distance from the Property in this north-northwest direction and are non-detect in wells MW17,

² Low-level detections in reconnaissance lower WBZ groundwater are likely due to drag-down of contamination during drilling.

MW18, and MW19. South and west of the Property, the plume is bounded by monitoring wells MW20 and MW8 (Figures 1-2 and 4-2).

TCE is detected in only some of the monitoring wells (consistently in MW6, MW9, MW10, MW11, and MW13). None of the other, subsequent, breakdown products (i.e., cis-1,2-DCE/trans-1,2-DCE, and vinyl chloride) are detected in any of the monitoring wells. These data suggest that PCE degradation is not occurring at the Site at a significant rate.

Trend plots for PCE in groundwater, included in Appendices H and I, demonstrate contaminant concentration fluctuations since March 2012. Most wells continue to show stability (i.e., concentrations not increasing or decreasing), with minor fluctuations in PCE concentrations. Six wells (MW02, MW06, MW08, MW17, MW18, and MW19) appear to be stable (i.e., remain below CULs). The remaining 14 wells are above CULs but show relative stability in PCE concentrations (concentration trends not increasing or decreasing).

4.2.3 Aquifer Testing

Information about aquifer characteristics was required in order to evaluate contaminant fate and transport in groundwater. MFA completed pneumatic slug testing in six of the monitoring wells as part of the RI requirements. Wells were chosen based on their location relative to the source area and the geologic unit in which they are screened to discern the difference in hydraulic conductivity between the various geologic units beneath the Site. Two of the wells that underwent the slug test are within and adjacent to the Source Area (MW01 and MW04) and are completed in the shallow Pleistocene alluvium silty-sand unit of the upper terrace; two wells (MW15 and MW16) are to the west of the Property in the transition zone between the Pleistocene alluvium of the upper terrace and the lower terrace and are completed in the Pleistocene sandy-gravel unit; and one well is on the lower terrace, closer to Lake River (MW08), and is completed in the Pleistocene sandy gravel unit. While the geologic units change as the transition occurs from the upper terrace of the Site to the lower terrace, all Site wells are screened in the upper WBZ.

The pneumatic slug tests were conducted on December 5 and 8, 2014. Raw data and hydraulic conductivity data are included in Appendix F.

The average hydraulic conductivities were calculated using data produced by the Bouwer & Rice modeling technique with AquiferTest Pro 2014. The Bouwer & Rice method is intended for unconfined aquifers. The Hvorslev method can also be extended to unconfined aquifers, but is more appropriate when the water table is not close to the top of the well screen. Both methods were used, and calculated values are included in Table F-1; however, because the top of screen is in fact close to the water table in the upper terrace wells (MW01 and MW03), the Bouwer & Rice values were deemed more appropriate and are discussed below.

Monitoring wells on the upper terrace and screened in the silty-sand upper WBZ (MW01, MW03, and MW04) had an average hydraulic conductivity (K) of 0.68 foot per day, while the lower monitoring wells screened in the sandy-gravel unit of the upper WBZ (MW15, MW16, and MW08) had an average hydraulic conductivity of 3.41 feet per day.

In order to evaluate whether the uppermost aquifer at the Site should be considered as a future source of drinking water, MFA estimated aquifer yield using hydraulic conductivity data from the slug testing (Table F-1, Appendix F). Transmissivity (T) was calculated using the relationship $T=bK$, with b defined as aquifer thickness. Once a value for T was known, aquifer yield was calculated using the relationship $T=1500 Q/s$, with Q defined as the yield and s as the drawdown. To find the maximum yield Q, it was assumed that s = aquifer thickness. Yield calculations for monitoring wells on the ridge and screened in the silty-sand unit of the upper WBZ (MW01, MW03, and MW04) ranged from 0.21 gallon per minute (gpm) to 0.43 gpm, with an average of 0.3 gpm, while the monitoring wells screened in the sandy-gravel unit (MW08, MW15, and MW16) had an average yield of 22.73 gpm across the unit. According to WAC 173-340-720(2)(i), groundwater is not a potential future source of drinking water if groundwater is present in insufficient quantity to sustainably yield more than 0.5 gpm. Based on this analysis, groundwater of the upper WBZ on the upper terrace beneath the Source Area and immediately downgradient fits the definition of nonpotable (MTCA 173-340-720(2)).

4.2.4 Natural Attenuation Analysis

The natural attenuation analysis was conducted to characterize the plume and how it has changed at the Site over the duration of water quality monitoring. As mentioned above, monitoring began in March 2012. The objective of the analysis is to identify natural processes (such as degradation and dispersion) that reduce concentrations of PCE and its degradation products (such as TCE). The analysis consisted of:

- Developing normalized trend plots to evaluate potential degradation
- Calculating attenuation rates for comparison to literature half-life values
- Screening data, using the USEPA Technical Protocol for Evaluating Natural Attenuation of Chlorinated Solvents in Groundwater (USEPA, 1998)

Normalized trend plots illustrate the minimal change in concentrations over time (see Appendix D). The normalized plots show the concentration over time as a ratio to the initial concentration in order to allow comparison of data between wells with different concentration levels. Although there is slight indication of decreasing PCE concentrations in MW01 and MW05, the normalized trend plots for all the wells indicate a generally stable plume. That is, while seasonal variations are evident, there are no significant increases or decreases indicative of degradation processes such as dechlorination.

Attenuation rates were calculated for the December 2014 and March 2015 events, using PCE concentration data from monitoring wells MW03, MW05, MW11, and MW13. The attenuation rate (k) was calculated by first plotting the natural log of the concentration vs. distance from the source (in this case, the source is MW03, where concentrations of PCE in groundwater have consistently been the highest).

Groundwater seepage velocities (V_{GW}) were calculated using the following equation:

$$V_{GW} = \frac{(K)(i)}{n_e}$$

The rate is then calculated as the product of the slope of the data plot and groundwater seepage velocity (USEPA, 2002) (see Appendix J):

$$\text{slope} = \frac{k}{V_{GW}}$$

Hydraulic conductivity (K) values were taken from the plume aquifer testing³ (Section 4.2.3). Hydraulic gradients (i) were developed using the December 2014 and March 2015 events between monitoring wells MW03 and MW11.⁴ For the purposes of this evaluation, effective porosity (n_e) was assumed to be 30 percent (representative of a typical silty sand). The attenuation rate (k, units are per day or day⁻¹) is transformed to half-life ($t_{1/2}$, days) using the equation $t_{1/2} = (0.693)/(k)$. Calculations resulted in attenuation half-life values for PCE that are longer than typical PCE half-life values, indicating that other processes (such as reductive dechlorination, the primary degradation process for chlorinated solvents) are not occurring to a significant extent.

The attenuation values (Appendix J) and normalized trend plot illustrations (Appendix I) support the conclusion that the plume is fairly stable. Absent dechlorination, the primary process reducing concentrations over distance is mechanical dispersion.

Finally, an analysis was conducted to assess the likelihood that natural attenuation is occurring in the existing PCE plume. The USEPA's Technical Protocol for Evaluating Natural Attenuation of Chlorinated Solvents in Ground Water (USEPA, 1998) identifies a process for ranking the relative strength of evidence that anaerobic biodegradation (i.e., dechlorination) is occurring, based on aquifer conditions and chemical concentrations. The evaluation focuses on concentrations of the following analytes:

- Dissolved oxygen
- Nitrate
- Ferrous iron
- Sulfate
- Sulfide
- Methane
- Redox potential
- pH
- Total organic carbon
- Temperature
- Carbon dioxide
- Alkalinity
- Chloride

³ The high-end K value in Appendix J was calculated by taking the average K values on Table F-1 for monitoring wells MW1, MW-3, and MW4; the low-end K value was the average from monitoring wells MW15 and MW16.

⁴ MW03 was selected because it has the highest PCE concentrations, and MW11 was selected because it is immediately downgradient in the path of the groundwater plume.

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Site-specific concentrations of these parameters are compared to fixed criteria (identified in the Technical Protocol [USEPA, 1998]). The extent to which the parameter values differ from target values (which indicate ideal conditions for anaerobic degradation) is a qualitative measure of the potential for naturally occurring attenuation (via anaerobic dechlorination) of chlorinated compounds.

MFA collected samples from selected monitoring wells at the Site and analyzed the samples for the natural attenuation parameters identified above (see Appendix J). The data were evaluated consistent with the Technical Protocol (USEPA, 1998). The samples from the Site scored low, indicating less than ideal conditions for anaerobic dechlorination. These results, combined with the relative absence of TCE and degradation products, provide little if any evidence that natural attenuation by anaerobic dechlorination is occurring (see Appendix J).

4.3 Air

MFA conducted a soil gas and vapor intrusion assessment over the course of three sampling events, from 2010 to 2013. The assessment encompassed potential impacts in soil gas, sub-slab, and indoor/outdoor environments (see Figure 3-2 for study area). Initial soil gas sampling was conducted in 2010 and 2011. See Figure 3-1 for sampling locations and Table 4-4 for sampling results. PCE concentrations in soil gas in the Source Area were high enough to indicate that, should a building be constructed on those properties, vapor intrusion would be a concern. The presence of PCE warranted consideration of possible vapor intrusion into other buildings on the Site as part of the human health RA. Therefore, a follow-on vapor intrusion assessment was conducted in 2012 and 2013. For a comprehensive discussion of the findings that assessment, please refer to the Vapor Intrusion Exposure Assessment Report (Appendix G).

The investigation concluded that vapor intrusion into buildings that overly the groundwater plume are not affected by vapor intrusion. This conclusion is based on multiple lines of evidence, including the lack of constituents above screening levels in the indoor air and corresponding soil gas or sub-slab samples (see Table 4-5 for screening levels and analytes, Table 4 in Appendix G for air results, and Table 5 in Appendix G for soil gas results). For 2012 and 2013 soil gas and sub-slab sampling locations, refer to Figure 3-3.

Although PCE was detected in the soil gas near and below the slab of the Community Center, PCE was not identified in indoor air after two rounds of sampling. Similarly, PCE was identified above the screening level in the soil gas near 305 N. 1st Avenue and near the Post Office, but was not detected in the indoor air in either location. TCE and vinyl chloride were also detected in the soil gas near the Post Office, but were not above the screening levels in the sub-slab sample or indoor air.

TCE and 1,2-DCA were the only constituents detected in indoor air in any of the buildings at concentrations above the screening level. TCE appears to be related to indoor sources, based on the lack of TCE in corresponding sub-slab or soil gas samples. Note: the available head space above the groundwater table near the Sportsman Bar & Grill was insufficient for successful collection of a soil gas sample. A minimum of 5.5 feet of headspace was needed, and depth to water was 5 feet bgs.

There appears to be at least one outdoor air source of 1,2-DCA, indicated by the generally consistent concentrations in the indoor air and in some of the outdoor air samples, and by the absence of 1,2-DCA above screening levels or the method reporting limit in the soil gas or sub-slab samples. According to literature sources, 1,2-DCA is an additive to many common products, including leaded gasoline, paints, and adhesives, such as those used in wallpaper glue or carpeting (ATSDR, 2015). The presence of TCE in one of the outdoor air samples collected in 2013 (OA3) suggests that there is a source near the Site.

Helium detected in three of the sub-slab samples collected in 2012 indicated the potential infiltration of ambient air, which suggests that the detected constituents in these samples are underestimated. Helium detections are included on Table 5 of Appendix G. However, each building with sub-slab sampling data had at least one sample result with no helium detected. Therefore, there is quality sub-slab data that indicate the lack of vapor intrusion.

4.4 Summary of Site Investigation Conclusions

Soil, air, and groundwater have been characterized at the Site. Vapor intrusion is not a pathway of concern for the Site, except in the event that a building is constructed in the Source Area. The lateral extent of soil impacts down to 15 feet bgs is generally confined to the Property, with a small area also impacted in the Source Area and on the adjacent property to the south (see Figure 4-1). The extent of groundwater impacts has been delineated and is shown on Figure 4-2, and the Source Area and an estimated Site boundary are shown on Figure 1-2.

5 LAND USE EVALUATION AND BENEFICIAL WATER USE EVALUATION

The following section includes the land use evaluation (LUE) and beneficial water use evaluation (BWUE) for the Site.

5.1 Objective

The objective of the evaluations is to identify, to the extent practical, the current and reasonably likely future use of land, surface, and groundwater at the Site. A site is defined in WAC 173-340-200 as “any site or area where a hazardous substance, other than a consumer product in consumer use, has been deposited, stored, disposed of, or placed, or otherwise come to be located.”

The Site is defined by the nature and extent of contamination associated with one or more releases of hazardous substances prior to any cleanup of that contamination. The estimated lateral extent of the Site, shown on Figure 1-2, is based on the nature and extent delineation discussed in Section 4.

5.2 Methodology

There are three basic steps in a combined LUE/BWUE. The first step is to develop an understanding of a site's hydrogeologic setting, as described in Section 2. The second step is to delineate the site, based on nature and extent (Section 4). The third step is to document and evaluate current and reasonably likely future land use and beneficial water uses at the site; this is the focus of this section.

The evaluation of beneficial uses of water at the Site includes information about the following:

- Hydrogeologic setting
- Historical, current, and reasonably likely future beneficial uses of groundwater
- Other relevant factors

The evaluation of land use on and next to the Site includes:

- Current land uses
- Zoning, comprehensive plan, and other land use designations
- Land use regulations from any governmental body having jurisdiction
- Other relevant factors

5.3 Beneficial Uses of Groundwater

According to MTCA, groundwater CULs are based on estimates of the highest beneficial use and the reasonable maximum exposure expected under both current and potential future site use conditions (WAC 173-340-720[1][a]). The highest beneficial use of groundwater is discussed in this section. Potential exposure scenarios are discussed in Section 5.9.

Based on hydrogeological conditions observed at the Site and on regional topography (see Figures 2-4 and 2-5), the following conditions are present:

- Shallow groundwater originating from the Site flows west to almost due north, forming a groundwater ridge.
- Shallow groundwater originating from the Site likely does not discharge to Lake River.

Chemically affected groundwater originating from the Site is not likely to result in IHS concentrations above CULs in surface water. Lake River is located within 0.5 mile of the Property. Investigations completed by the Port indicate that PCE concentrations in groundwater were present only in the deeper portion of the upper WBZ and that the deeper upper WBZ was unlikely to discharge to Lake River. Conservative groundwater modeling showed that IHSs would not reach Lake River (MFA, 2007). At Ecology's direction, the 2007 BIOCHLOR groundwater model conservatively assumed that no reductive dechlorination of PCE was occurring, and modeled attenuation of PCE based only on dispersion, adsorption, and first order decay. Both 30- and 100-year model runs indicated that PCE concentrations in groundwater would attenuate to levels below the most stringent regulatory criteria (surface-water CULs) before discharging to Lake River. Based on these modeling efforts, it is unlikely that groundwater discharges to Lake River will pose unacceptable risks to receptors. Groundwater

sampling on the Ridgefield National Wildlife Refuge, performed at the direction of Ecology also showed that groundwater impacts from Cell 3 had not impacted groundwater beneath the refuge. Therefore, CULs for groundwater protective of surface water were not considered to be appropriate by Ecology.

The region of study for the beneficial water use determination was conservatively defined as within a 0.5-mile radius of the Site. The current, historical, and reasonably likely future beneficial water uses were evaluated for groundwater and surface water in the region of study.

5.4 Current and Historical Beneficial Water Uses

Four active water wells and two water rights records in the study area were identified (see Figure 5-1). The current beneficial use listed for two of the four water wells is irrigation. The remaining two wells are municipal water wells, which are operated by, and used to supply drinking water for, the city. The municipal water wells draw from a deeper aquifer than the contamination-impacted aquifer units identified beneath the Site. The two current water rights are for domestic general, irrigation, and stock watering. Both of the water rights are for springs located over a quarter mile east. Well logs and water rights documentation are located in Appendix A; however, no documentation was found for water right number 510764.

There are no surface water bodies on the Site. The nearest point of Lake River is located approximately 780 feet to the west of the Site. Several streams were located within a half-mile radius of the Site, with the closest stream horizontal distance (Gee Creek) being approximately 1,800 feet east of the Site. Temporary water right permits were issued to Dixon Marine Services, Inc., for surface water withdrawal from Lake River for use in dredging procedures; this permit expired in 2014.

5.4.1 Contact with Municipal, Public, and Private Water Supplies

The City provides the area (including the region of study) with municipal water from groundwater sources. The water source is water wells located in Abrams Park, east of the Site.

5.4.2 Well Records Review for Groundwater

Logs for water wells in the region of study were obtained from Ecology's Washington State Well Log Viewer database, which allows the user to access well log reports for a specific township, range, and section (Ecology, 2009a). Well log reports typically include information such as well location, well type and construction details, installation date, depth, depth-to-water measurements, and use. The study area included parts of section 19 (township 4 north, range 1 east of the Willamette Meridian); and sections 13 and 24 (township 4 north, range 1 west of the Willamette Meridian; Figure 5-1). Water well logs for these sections were evaluated and are included in Appendix A.

These well locations were plotted using coordinates from the Washington State database; four wells were identified as being in the area of study (see Figure 5-1). Two of the four wells are private wells used for irrigation. The remaining two wells are owned by the City and are municipal drinking water wells.

Municipal Well 10 total depth is 135 feet and it is screened in the Troutdale sand unit between 106 feet and 130 feet bgs. Municipal Well 7 total depth is 195 feet and it is screened in the Troutdale sand unit from approximately 145 feet bgs to 186 feet bgs.

The two private irrigation wells are screened from 160 to 170 feet and 341 to 357 feet bgs, respectively, and are both completed in the Troutdale sand unit, same as the municipal wells.

Impacts at the Site have been limited to the shallower Pleistocene alluvium. Impacts to the potable aquifer on the Port property are limited to the lower portion of the upper WBZ..

There are no domestic or municipal water supply wells in the area of study that could potentially be impacted by contamination from the former Park Laundry.

5.4.3 Water Rights Review

Ecology Water Resources is responsible for apportioning water rights in Washington State and maintains a database of water rights (Ecology, 2009a). The water right database was queried for water rights in the region of study. Two surface water right diversion areas or collection points were identified (Figure 5-1). Copies of the water rights and the water right certificate are provided in Appendix A.

The water rights identified within a half-mile radius of the Site are designated for the following water uses: domestic, irrigation, and stock watering. However, Site-related impacts are not likely to affect groundwater withdrawals for these water rights because the water rights are for springs (see Figure 2-4 and 5-1).

5.5 Reasonably Likely Future Beneficial Water Uses

5.5.1 Surface Water

There are no surface water bodies on the Site. There are no current surface water rights associated with Lake River, and only one stream within a half-mile radius—Gee Creek (see Figure 2-4 for area topography). It is unlikely that surface water from Lake River will be used as a drinking water source in the future because of possible stormwater runoff from multiple surrounding industrial and commercial properties and the availability of deeper groundwater as a local drinking water source. However, Lake River, a salmon-bearing stream, is known for recreational fishing.

5.5.2 Groundwater

Groundwater under and near the Site is not used or anticipated to be used as a source of drinking water. The city's water supply wells are screened in the Troutdale Formation. This Site investigation has demonstrated that impacts are limited to the upper Pleistocene alluvium aquifer, which overlies the Troutdale Formation and is hydraulically separated from it by aquitards.

The city is in an area of the Salmon/Washougal basin where groundwater withdrawals are subject to the Water Resource Inventory Area 28 Instream Resources Protection Program rule (WAC 173-528), which restricts current and future groundwater use. Under this rule, limited reserves of groundwater are available for new withdrawals, and new water rights are difficult to obtain. Therefore, it is highly unlikely that any new domestic or commercial potable groundwater wells will be developed in the area.

Further, the State of Washington has minimum standards for construction and maintenance of wells that specifically require a surface seal to extend from land surface to a minimum depth of eighteen feet (WAC 173-160-231). In the upper terrace of the Site, the upper WBZ is not deep enough to support this requirement. Therefore, a well could not be constructed throughout most of the Site, including the source area and directly downgradient. The Port will implement a restrictive covenant on its property preventing the installation of a water supply well and the use of groundwater on its property.

Based on this information, contaminated groundwater associated with the Site will not be used for drinking water.

5.6 Land Use Evaluation

5.6.1 Current Zoning

Current zoning of the Site is Downtown Mixed Use, Low-Density Residential, and Medium-Density Residential, as shown in Figure 5-2.

5.6.2 Surrounding Zoning and Land Use

Most of the zoning within a half-mile radius of the Property is mixed-use and residential. Directly east of the Property is a small park/open space consisting of a skate park. Another open space is 300 feet north of the Property. Properties to the west of the Property are designated as waterfront mixed use, and even farther west/northwest, the Ridgefield National Wildlife Refuge (RNWR) runs parallel to Lake River. Other designated zoning within a half-mile radius includes Urban Public and a range of Low-Density Residential.

5.6.3 Reasonably Likely Future Land Uses

As part of an Ecology Integrated Planning Grant, a real estate market study and feasibility and impact study were conducted for the Property by E.D. Hovee & Company, Inc. (E.D. Hovee, 2014, 2015). Based on the findings, E.D. Hovee suggested that two iterations of development could be realized on the Property: townhouses or retail and apartment mixed-use. The City is also considering acquisition of the Property and adjoining lots to install a new public library.

5.6.4 Conceptual Site Model

The CSM describes potential chemical sources, release mechanisms, environmental transport processes, exposure routes, and receptors. The primary purpose of the CSM is to describe pathways

by which human and ecological receptors could be exposed to site-related chemicals. A complete exposure pathway consists of four necessary elements: (1) a source and mechanism of chemical release to the environment, (2) an environmental transport medium for a released chemical, (3) a point of potential contact with the impacted medium (referred to as the exposure point), and (4) an exposure route (e.g., soil ingestion) at the exposure point. Elements of potentially complete exposure scenarios for human health are discussed below and shown on Figure 5-3.

The CSM and exposure scenarios for a site play a role in selection of cleanup standards.

5.7 Source Characterization

Based on previous investigations and the lack of evidence of underground storage tanks on the Property, the source of the PCE plume is most likely surface releases from the former dry cleaning operation. The volume of PCE released has not been estimated because of insufficient information.

5.8 Fate and Transport Processes

If the Property was impacted by historical operations from Park Laundry, then the impacts likely were from either surface releases or broken piping. The surface releases would have infiltrated the vadose zone to groundwater. Impacts may also have originated from damaged wastewater pipes if chemicals were disposed of in drains. The subsurface piping may also have created preferential transport pathways.

5.9 Potential Exposure Scenarios

The Property and Source Area are zoned commercial, are currently vacant, and contain no structures. The Property and Source Area could be used for numerous commercial activities, such as ground-floor commercial space with upper-story living units; retail, restaurants and lodging; and service industries, among other types of commercial use. Therefore, it is reasonably possible that commercial workers and/or residents will occupy the Property and Source Area at some time in the foreseeable future. Figure 5-3 summarizes the CSM.

The following pathways were considered in this RI:

- Incidental ingestion of and dermal contact with chemicals in subsurface soil and groundwater
- Inhalation of fugitive dusts generated from subsurface soil, and inhalation of vapors emanating from subsurface soil
- Inhalation of indoor air vapors from groundwater and subsurface soil due to vapor intrusion into the neighboring buildings
- Ingestion, dermal contact, and inhalation of chemicals volatilizing from tap water from groundwater

Dermal contact, and inhalation of chemicals volatilizing from groundwater by an excavation worker. The groundwater ingestion, dermal contact, and inhalation of chemicals volatilizing from tap water from groundwater pathways are subject to the results of the BWUE and completion of a non-potability determination that meets the requirements of MTCA 173-340-720(2) (see Sections 4.2.3 and 5.9.3). Notwithstanding that groundwater east of Railroad Avenue meets Ecology's non-potability criteria, the groundwater from the non-potable aquifer recharges groundwater west of Railroad Avenue that is considered potable, and as directed by Ecology, cleanup levels protective of potable groundwater will be applied throughout the Site.

PCE in groundwater from the former Park Laundry extends onto Cell 3 property and the boat launch parking area at the port. In the RI completed by the Port for the Cell 3 property, PCE contamination found in the deeper portion of the upper WBZ was shown not to impact Lake River (MFA, 2007). The Port completed investigations for PCE on the port property and west of Lake River in the RNWR. The Port also conservatively completed modeling for PCE migration to Lake River and found that PCE would not impact Lake River. Based on the Port's assessment, aquatic and human receptors (in terms of consumption of organisms) are not considered potential receptors for the Site. As mentioned above, the Port has implemented an environmental covenant on its property that prohibits the use of groundwater.

5.9.1 Soil

As discussed in Section 4.1, surface soil impacts are limited to the Property and two small areas below the water table in the Source Area and south of the Property. Surface soil PCE concentrations on the Property are above MTCA Method A CULs (Figure 4-1). Thus, the soil inhalation, ingestion, and dermal contact pathways are considered complete.

5.9.2 Vapor

Section 4.3 describes investigation results for vapor intrusion and soil vapor exposure at the Site. The data discussed in Section 4.3 show that vapor intrusion into existing buildings is not a complete exposure pathway. There is still the potential for vapor intrusion risk in the Source Area if the properties are developed.

5.9.2.1 Refined CSMs

MFA prepared CSMs for each of the buildings included in the vapor assessment, consistent with Section 3.2 of Ecology's draft vapor intrusion guidance (Ecology, 2009b). The results are provided in Appendix G.

5.9.3 Groundwater

Figure 4-2 illustrates the groundwater plume at the Site as of September 2016. As determined in the final RI/FS for the PWT Site, groundwater discharge to surface water is not a complete pathway, based on evaluations completed by the Port (MFA, 2007 and 2013) and Ecology's determination in the 2013 Consent Decree for the Pacific Wood Treating Site.

In addition, no water wells near the Site draw from the upper WBZ impacted by PCE and, based on aquifer testing data (refer to Section 4.2.3), groundwater of the upper WBZ on the upper terrace beneath the source area and immediately downgradient fits the definition of nonpotable (MTCA 173-340-720(2)). In addition, the State of Washington has minimum standards for construction and maintenance of wells that specifically require a surface seal to extend from land surface to a minimum depth of eighteen feet (WAC 173-160-231). In the upper terrace of the Site, the upper WBZ is not deep enough to support this requirement. Therefore, a well could not be constructed throughout most of the Site, including the source area and directly downgradient. Thus, dermal contact or ingestion of groundwater is not a potential pathway except in areas of the plume where groundwater does not meet the definition of nonpotable (i.e., in monitoring wells MW15 and MW16 and downgradient beneath the port) or when groundwater is encountered during construction or other underground work. While groundwater beneath the port is potentially potable, groundwater use on the port site will be prohibited through an environmental covenant that restricts groundwater use.

5.9.3.1 Hydrogeologic CSM

The current hydrogeologic CSM identifies two aquifer units present at the Site, as discussed in Section 2. On average, groundwater has been observed in the sand and silty sand (Pleistocene alluvium) of the upper terrace at approximately 10 feet bgs in the upper WBZ, which overlies a clay aquitard. The Property is located on the upper terrace, where groundwater flow varies from west to almost due north, forming a groundwater ridge. Groundwater contours at the Site mimic topography and become steeper to the west, with the gradient flattening on the lower floodplain terrace. Groundwater flow from the upper WBZ in the upper terrace appears to be connected to groundwater in the upper WBZ beneath the lower terrace as the clay unit pinches out to the west with the topographic change and the upland Pleistocene alluvium silty sand unit comes into contact with the lower terrace Pleistocene alluvium sandy gravel unit.

On the Property and the upper terrace, the clay unit is approximately 40 feet thick, with the bottom around 55 to 60 feet bgs. Underlying the clay unit is a silty gravel (the Upper Troutdale Formation). The Property domestic water was historically supplied by the City. No water supply wells are operating on the Property or have been identified on neighboring properties included in the Site (Figure 5-1). City water supply wells located in Abrams Park, approximately 2,500 feet horizontal distance from the Site, are screened in the Upper Troutdale Formation (lower WBZ). Therefore, groundwater impacted by PCE and its degradation products in the alluvial upper WBZ does not present an immediate risk to drinking water wells. To qualify as nonpotable, according to WAC 173-340-720(2), groundwater beneath the Site cannot serve as a current source of drinking water, and hazardous substances from contaminated groundwater will not be transported to groundwater that could be potable. Based on the lack of beneficial uses on the Site and determinations of potential beneficial use, the Site meets these qualifications on the upper terrace beneath the source area and immediately downgradient. However, there is the potential for non-potable groundwater from the upper terrace (and hazardous substances within it) to be transported to groundwater that could be potable. Therefore the highest beneficial use for the Site is for drinking water. See Section 5.5.2 for a more detailed discussion of drinking water and wells in the area.

5.10 Terrestrial Ecological Evaluation

A TEE is required at all MTCA sites where there has been a release or threatened release of a hazardous substance that may pose a threat to human health or the environment. The TEE procedure is structured with the intent to protect terrestrial wildlife at industrial and commercial sites, terrestrial plants, and soil biota; and terrestrial wildlife at other sites, as provided under WAC 173-340-7490(3)(b).

The Property is covered with low-growing vegetation (primarily grasses and weeds) and is sprayed at least once a year to control weeds. The Property is zoned as Downtown Mixed Use and is surrounded by commercial properties and paved roads that are unattractive to wildlife. A vacant lot with some mature trees is directly north; a City-owned alleyway and a concrete skate park are directly east; a police station is directly south; and Main Avenue and a restaurant are directly west of the Property. Adjacent to the railroad corridor, 500 feet west of the Site, are some undeveloped areas with low-growing grasses (see Appendix K). An overpass originating at the end of Pioneer Street that will pass through the undeveloped area and across the railroad corridor is currently under development.

Local and migrating populations of birds and wildlife in the area are most likely to use the high-quality habitat the nearby RNWR provides. This habitat is located more than 500 feet west of the Site, along Lake River and the RNWR River "S" Unit, and more than 500 feet to the northwest near Carty Lake in the RNWR Carty Unit. Based on Washington Department of Fish and Wildlife information, threatened/endangered and priority species and habitats are unlikely to be present at or within 500 feet of the Property (see Appendix K).

An initial step in the TEE process is to determine whether a site qualifies for a TEE exclusion. If the site meets at least one of the four exclusionary criteria, then no further evaluation of ecological risk is necessary (WAC 173-340-7491). The four exclusionary criteria are: (1) contamination is present only below the point of compliance (POC) (i.e., below 15 feet bgs, provided institutional controls to limit exposure to zero to 6 feet bgs are not in place or planned); (2) incomplete exposure pathway (i.e., all soil will be covered by physical barriers); (3) type of contamination and proximity to ecological receptors (i.e., the site is located on or near a limited amount of undeveloped land); and (4) all concentrations are below background levels. MTCA does not identify the chemicals of concern at the Site (chlorinated VOCs) as priority contaminants for the TEE and no MTCA screening values are available for these VOCs. However, based on a literature review, concentrations between zero and 15 feet bgs exceed available USEPA screening criteria.⁵ It is therefore concluded that exclusionary criterion 1 is not met. The Site does not meet exclusionary criteria 2 and 3, as it is uncertain whether future development would cover all areas of potential exposure, and the Site is within 500 feet of more than 1.5 acres of undeveloped land. Chlorinated VOCs are anthropogenic and therefore exclusionary

⁵ For example, soil concentrations exceed the USEPA Region 5 ecological screening level (ESL) of 9.92 milligrams per kilogram for PCE at locations GP52-S-12.5 and B8-S-14.5. Note that these depths (12.5 feet and 14.5 feet, respectively) are below the typical biologically active zone of zero to 6 feet bgs; however, zero to 15 feet bgs must be considered, provided institutional controls to limit exposure to zero to 6 feet bgs are not in place or planned. ESLs are developed to support precautionary screening assessments, and exceedances do not necessarily indicate unacceptable ecological risk.

criterion 4 is not met. Since the Site cannot be definitively excluded from the TEE process, a simplified or site-specific TEE is required.

The simplified TEE is intended to identify only those sites that do not have substantial potential for posing a threat of significant adverse effects to terrestrial ecological receptors and that therefore may be removed from further ecological consideration during the RI and cleanup process (WAC 173-340-7492). MTCA specifies that a simplified TEE applies, provided the site is (1) not located on or adjacent to natural areas, (2) not used by vulnerable species, (3) less than 10 acres of native vegetation in the site vicinity is present, and (4) there is no risk to significant wildlife populations, as determined by Ecology (WAC 173-340-7491). A simplified TEE is appropriate; the Site is located in a developed town center with minimal surrounding native vegetation, and no species of concern are identified for the Property (see Appendix K).

WAC 173-340-7492(2) provides the steps necessary for conducting the simplified TEE. The simplified TEE can be ended if any of three criteria (exposure analysis, pathway analysis, and toxicity analysis) are met. MTCA Table 749-1 provides steps for conducting the exposure analysis to determine the likelihood that land use at a site and the surrounding area will result in substantial wildlife exposure. If a low likelihood is demonstrated, MTCA requires no further evaluation and concludes that a site does not pose a substantial threat to potential ecological receptors.

The exposure analysis and site visit were conducted by MFA on October 31, 2014 (see Appendix K). A photo log of the Property is provided in Appendix K. The completed MTCA Table 749-1, included in Appendix K, shows that the Property is unlikely to pose a threat to ecological receptors and no further evaluation is necessary. The table in Appendix K shows the rationale for the scoring on Table 749-1.

5.11 Potential Receptors

Based on the analysis above, the following are potential human and ecological current and future receptors:

- Occupational workers
- Residents
- Construction/trench workers

6 RISK ASSESSMENT

According to MTCA, the cleanup standards for a particular site have two primary components: chemical-specific CULs and POCs. The CUL is the concentration of a chemical in a specific environmental medium that will not pose unacceptable risks to human health or the environment. The POC is the location where the CUL must be met.

6.1.1 Soil CULs

MTCA provides three different options for establishing CULs for human health: Methods A, B, and C. Method A is designed for cleanups at relatively simple sites, such as those that are small and that have only a few hazardous substances. For Methods B and C, either the standard or the modified approach can be used. The standard method uses generic default assumptions to calculate CULs, and the modified method allows for site-specific adjustments to some assumptions when calculating CULs. Method B can be used at any site. Method C is used primarily for industrial sites.

The Property historically has been used for retail and it is anticipated that it will be used for similar purposes in the future. The Site is impacted mainly with PCE. The impacts appear to be limited in extent. Therefore, Method A CULs for unrestricted land use are the soil CULs for the Site.

These CULs are calculated using reasonable maximum human health exposure assumptions with target risk levels set at the MTCA acceptable risk level. In addition, as Method A CULs are not available for all VOCs, these were compared to Method B CULs.

Soil CULs are shown in Tables 3-2 and 3-3.

The soil POC is the depth at which soil CULs shall be attained. The standard POC for soil is within 15 feet of the ground surface throughout a site. This standard POC applies to soil on the Site.

6.1.2 Groundwater CULs

Method A CULs are considered applicable for most chemicals at the Site because it is a simple site (e.g., relatively few hazardous substances). When Method A CULs were not available, Method B CULs were used.

Groundwater CULs are shown in Tables 3-5, 3-6, and 4-2.

The POC for groundwater is the entire upper WBZ at the Site (WAC 173-340-720[8][b]). In addition, groundwater throughout most of the Site qualifies as nonpotable, based on WAC 173-340-720(2) and the following demonstrations:

1. The Site is currently not a source of drinking water (Section 5).
2. The upland terrace portion of the Site, which includes the Source Area, is not a potential future source of drinking water, based on insufficient yield, as demonstrated by site-specific yield calculations (Section 4.2.3) and the fact that the aquifer is too shallow to construct a well in compliance with WAC 173-160 and in accordance with normal domestic water well construction practices in the area. This leaves groundwater beneath the transition zone from the upper to the lower terrace and beneath the port as potable. However, groundwater use on the port site will be prohibited through a restrictive covenant.

3. It is unlikely that hazardous substances from the Site will reach groundwater that is a current or likely potential future source of drinking water. Drinking water in this neighborhood is already supplied by the City of Ridgefield.
4. Because groundwater from the non-potable portion of the Site recharges groundwater in the potable portion of the Site (Port property east of Railroad Avenue), CULs protective of drinking water apply to groundwater throughout the Site.

6.1.3 Air CULs

Acceptable indoor air quality is defined in WAC 173-340 as indoor air concentrations resulting only from vapor intrusion that do not exceed applicable CULs. Draft Method B CULs were used to assess indoor air risk for the Site.

MTCA regulations do not contain requirements for achieving soil vapor cleanup standards; however, soil gas concentrations were compared to draft Method B screening levels for assessment purposes.

Indoor air CULs are shown in Tables 4-4 and 4-5.

6.2 Screening

6.2.1 Soil

Figure 4-1 illustrates the lateral extent of the soil impacts (down to 15 feet bgs) in the Source Area. The highest concentration of PCE in surface soil (0.5 foot bgs) was detected in GP51 at a concentration of 147 ug/kg, which is above the MTCA Method A soil CUL of 50 ug/kg. Surface-soil concentrations in four borings (GP38, GP44, GP45, and GP46), located on the eastern end of the Property and adjacent to the south, were also above the Method A CUL. The highest concentration in sub-surface soil was detected below the water table in GP52 (12.5 feet bgs) at a concentration of 316,000 ug/kg. Several other locations on the eastern half of the Property and directly adjacent to the north had exceedances in sub-surface soil to 15 feet bgs (including B5, GP43, GP46, GP47, GP48, GP51, and GP55). In addition, there was one soil exceedance in the upper 15 feet (at 14.5 feet) in location B8.

As mentioned in Section 4, additional soil samples were collected from 1 to 2 feet into the upper confining clay unit in four deeper borings (B5, B7, B8, and B9) and deeper samples up to approximately 25 to 27 feet into the clay unit (B5, B8 and B9) to assess the possibility of migration of PCE in groundwater through the clay unit. PCE concentrations in B5 and B8 (1,880 ug/kg and 4,370 ug/kg, respectively) a few feet into the clay were lower than those in soil directly above the clay (7,490 ug/kg and 31,400 ug/kg, respectively); however, all results were above the Method A CUL (see Table 3-2). Concentrations of PCE in soil in B7 and B9 increased a few feet into the clay unit, as compared to concentrations on top of the clay. However, in B5, B8, and B9, by 40 feet bgs if not shallower, soil concentrations of VOCs in all deeper locations were non-detect.

6.2.2 Groundwater

6.2.2.1 Reconnaissance Groundwater Samples

Results from reconnaissance groundwater samples are shown in Table 3-6. PCE detections in the upper WBZ indicate that the highest concentration of PCE is on the eastern side of the Property, similar to surface soil sampling results. The highest detection of PCE was at GP52, at a concentration of 37,700 ug/L, above the Method A CUL of 5 ug/L. This is near boring GP38, with a slightly elevated detection of PCE in near-surface soil. Concentrations of this magnitude have not been replicated in monitoring wells; however, several reconnaissance borings on the eastern half of the Property had elevated concentrations of PCE on or near that order of magnitude, suggesting a source of contamination in that area.

6.2.2.2 Quarterly Monitoring Well Sampling

Twenty groundwater monitoring wells have been installed to enable complete characterization of the vertical and horizontal extent of groundwater contamination at the Site. Quarterly groundwater monitoring events have been conducted since March 2012. Locations of the monitoring wells are shown in Figure 4-2 and analytical data are summarized in Table 4-2.

Groundwater sampling and analysis at the Site continue to focus on the characterization of PCE and its possible degradation products (e.g., TCE, cis-1,2-DCE, trans-1,2-DCE, and vinyl chloride). TCE has been detected above MTCA CULs; correlation to the PCE groundwater contamination is discussed in Section 4.2.4.

The highest concentrations of PCE in groundwater during the most recent sampling event, September 2016, were measured in samples from MW03 (8,710 ug/L) and MW05 (846 ug/L), in the Source Area and northwest of the Property (see Table 4-2). While earlier reconnaissance data indicated the presence of elevated concentrations of PCE on the Property (up to 37,700 ug/L), concentrations of PCE measured in monitoring well MW01, which is installed on the eastern portion of the Property, have consistently been much lower than the earlier reconnaissance sample results. The concentrations in MW01 are also significantly lower than the concentrations in MW03 and MW05 on adjoining properties. The PCE concentrations in monitoring wells from the September 2016 groundwater monitoring sampling event are shown on Figure 4-2.

Figure 4-2 shows the distribution of PCE and/or TCE exceeding MTCA CULs for the September 2016 sampling event. Trend plots for PCE in groundwater are included in Appendix H. Most wells continue to show some variability, while stable trends are evident in certain monitoring wells. PCE concentrations in eight wells (MW02, MW06, MW08, MW14, MW17, MW18, MW19, and MW20) have been below CULs for six or more quarters of groundwater monitoring. Although above CULs, MW01 and MW04 appear to show a decreasing trend in PCE concentration. The remaining ten wells continue to show variability in PCE concentrations, with MW10 and MW11 showing slight evidence of increasing PCE concentration trends.

The relationship between PCE and TCE concentrations is discussed in Section 4.2.4.

6.2.3 Air

Despite the identification of risk factors, the evaluation did not identify vapor intrusion into any of the buildings on the Site. This supports the conclusion that there is no current indoor air exposure resulting from vapor intrusion on the Site; both Ecology and the Washington State Department of Health agreed with this conclusion (Department of Health, 2013). The potential for future exposure in the Source Area should be considered when the properties are developed. For a more detailed discussion of findings from the vapor assessment, refer to Appendix G.

6.3 Conclusion

Based on the data and as discussed above, there are exceedances of MTCA Method A criteria in soil beneath the Property and directly adjacent, and in groundwater extending off Property. If a building is constructed in the Source Area, vapor intrusion should be considered, as there is a potential for exposure.

It is not likely that the groundwater in the upper WBZ will be used as drinking water. MTCA requires that any concentration exceeding Method A concentration levels be addressed as if groundwater would be used for drinking water. However, it has been shown that the groundwater beneath the upper terrace (the Source Area and immediately downgradient) qualifies as nonpotable, and because of the shallow aquifer, it is not feasible to construct a water well per state regulations; only the transition zone area and the lower terrace (beneath the port) are potentially potable. Plus, groundwater use on the port site will be prohibited through a restrictive covenant. As discussed earlier, CULs protective of groundwater will be applied throughout the Site.

7 DEVELOPMENT OF CLEANUP ACTION ALTERNATIVES

Soil and groundwater concentrations in the established POC that exceed applicable CULs will be addressed in some manner (e.g., removal, institutional controls, treatment, monitored natural recovery). The sections below outline the technology screening conducted and the proposed alternatives to be evaluated.

7.1 Technology Screening

A preliminary screening of applicable technologies was completed based on technologies discussed in the Federal Remediation Technologies Roundtable Screening Matrix (FRTR, 2002), as well as on commonly used remediation methods. The following technologies were retained for further consideration in the selection of a cleanup alternative:

- **Natural Attenuation:** Natural attenuation, to the extent to which it is occurring on site, is considered; however, it is not relied on for full remediation. Several studies have

indicated that concentrations of PCE and other chlorinated solvents are reduced by reductive dechlorination under anaerobic conditions; however, there is limited evidence for anaerobic biodegradation of chlorinated organics via natural attenuation (USEPA, 1998). A preliminary analysis of natural attenuation, conducted by MFA (Section 4.2.4), showed limited evidence of natural attenuation. That said, decreases in source area concentrations will promote decreases in downgradient concentrations as a result of dispersion.

- **Excavation and Off-Site Disposal:** Excavation would remove from the Property all or some of the soil exceeding CULs. With excavation and off-site disposal, contaminated material is removed and transported to permitted, off-site disposal facilities.
- **In Situ Groundwater Treatment:** In situ groundwater treatment remediates the groundwater in place. Chlorinated solvents are reduced by two methods: adsorption and reductive dechlorination. Both methods are enhanced by healthy microorganism populations that occur naturally in the subsurface, and/or that are coupled with chemical compounds to enhance microorganism reproduction and growth. The in situ groundwater treatment introduces the chemical and biological compounds into the contaminant plume, often by injection, to reduce the contaminant concentrations. This process is often cost effective and more easily implementable than other remedial technologies. Implementation of this technology does not guarantee that concentration levels will be reduced to CULs.
- **Institutional Controls:** Institutional controls (e.g., a restrictive covenant) may be required to reduce or limit future exposure of receptors to soil and groundwater containing residual IHSs at concentrations above relevant CULs. Deed notifications inform potential purchasers of the presence of IHSs in soil, soil gas, and/or groundwater, and may limit activities or land use as well as defining requirements for future site-redevelopment activities.

7.2 Cleanup Alternatives

This section summarizes seven remedial alternatives for addressing the contamination identified at the Property (shown on Figure 7-1). These alternatives represent the most likely cleanup scenarios and encompass a range from limited to extensive remedial actions. The cleanup alternatives focus on vadose zone soil (i.e., soil above typical groundwater levels), saturated soils, and groundwater impacted by PCE and its degradation products.

7.2.1 Alternative 1: No Action

The Property will remain in its current state.

7.2.2 Alternative 2: Soil Excavation up to 15 feet bgs, Institutional Controls, and Groundwater Monitoring

Alternative 2 includes the following components:

- Remedial action:
 - **Soil:** Excavate and characterize soil impacts and dispose of the affected soil at a Subtitle C landfill. The excavation extent is centered primarily on the Property in a 1,700-square-foot area to approximately 15 feet bgs and a 300-square-foot area to 3 feet bgs (approximately 1,000 cubic yards total) (Figure 7-2). Collect confirmation samples from excavation sidewalls. Dewater excavation and characterize water for appropriate treatment and/or disposal. Backfill with clean, imported fill to existing ground surface and compact, with replacement in kind of disturbed paved areas. Decommission monitoring wells MW01 and MW21 because of damage from excavation (see Figures 7-1 and 7-2).
- Institutional controls:
 - Prohibit groundwater use on the Property for irrigation, potable drinking water, or any use requiring human contact. A contaminated-media management plan would outline management of any groundwater encountered during development. A public notice would be issued to restrict groundwater in the plume area. A vapor barrier or control system (or other Ecology approved approach) would be required for any building construction in the Source Area. Assessment may occur periodically to determine whether institutional controls are required.
- Compliance monitoring:
 - Groundwater monitoring after the remedy is implemented is required until CULs have been achieved for four consecutive monitoring events. For the purpose of the cost estimate, groundwater monitoring is assumed for 30 years and will be conducted every 18 months on wells closer to the Property (MW03, MW04, MW05, and MW06) and in the plume area (MW07, MW09, MW10, MW11, MW13, MW15, and MW16). Wells will be sampled during alternating dry (e.g., September) and wet (e.g., March) seasons to evaluate concentrations of PCE and associated breakdown products. The Port conducts groundwater monitoring for well MW47D every 18 months. See Table 7-1 summarizing the wells and monitoring schedule. The cost estimate includes costs for decommissioning monitoring wells once CULs are met.

A cost estimate for Alternative 2 is provided in Table 7-2.

7.2.3 Alternative 3: Soil Excavation up to 6 feet bgs, Focused Groundwater Remediation, Institutional Controls, and Groundwater Monitoring

Alternative 3 includes the following components:

- Remedial action:
 - **Soil:** Excavate and characterize soil impacts and dispose of the affected soil at a Subtitle C landfill. The surface soil excavation is centered primarily on the Property,

but extends to the property to the south. The soil excavation is approximately 700-square-foot and includes the areas up to 3 and 6 feet bgs collectively (approximately 250 cubic yards total) (Figure 7-2). Collect confirmation samples from excavation sidewalls. Backfill with clean, imported fill to existing ground surface and compact, with replacement in kind of disturbed paved areas.

- **Groundwater:** In situ groundwater treatment on the Property and the Source Area to include MW03, using injection points to treat PCE in groundwater. For the purpose of the cost estimate, 9,700 square feet will be treated from an average depth of 5 to 15 feet bgs with a reducing agent and enhanced bioremediation (i.e., 43,450 pounds of anaerobic EHC™ bioremediation amendment followed 30 L of by microorganism DHC inoculation to enhance degradation). The cost estimate was conservatively based on treating PCE concentrations of approximately 300,000 ug/kg in soil and 20,000 ug/L in groundwater for the Property and 100,000 ug/kg in soil and 7,000 ug/L in groundwater in the Source Area (near MW03).
- Institutional controls:
 - Identical to Alternative 2 with the addition of restrictions on soil that exceeds the CUL within the POC (e.g., disposal requirements, soil management and maintenance plan)
- Compliance monitoring:
 - Modified from Alternative 2, the compliance monitoring schedule accounts for the remedial actions and is as follows for the purpose of the cost estimate: groundwater monitoring will be conducted twice per year for two years, then every 18 months alternating dry (e.g., September) and wet (e.g., March) seasons. Wells closer to the Property (MW03 and MW05) and in the plume area (MW09, MW10, MW11, MW13, MW15 and MW16), will be sampled during each event to evaluate concentrations of PCE and breakdown products. The Port conducts groundwater monitoring for well MW47D every 18 months. All monitoring wells will be decommissioned once CULs are met. See Table 7-1 summarizing the wells and monitoring schedule.

A cost estimate for Alternative 3 is provided in Table 7-3.

7.2.4 Alternative 4: Soil Excavation up to 15 feet bgs, Focused Groundwater Remediation, Institutional Controls, and Groundwater Monitoring

Alternative 4 includes the following components:

- Remedial action:
 - **Soil:** Identical to the soil component of Alternative 2, with the addition of decommissioning monitoring wells MW01 and MW21 due to damage from the excavation.
 - **Groundwater:** Identical to the groundwater component of Alternative 3.

- Institutional controls:
 - Identical to Alternative 2.
- Compliance monitoring:
 - Identical to Alternative 3. See Table 7-1 summarizing the wells and monitoring schedule.

A cost estimate for Alternative 4 is provided in Table 7-4.

7.2.5 Alternative 5: Soil Excavation up to 6 feet bgs, Expanded Groundwater Remediation, Institutional Controls, and Groundwater Monitoring

Alternative 5 includes the following components:

- Remedial action:
 - **Soil:** Identical to the soil component of Alternative 3.
 - **Groundwater:** In situ groundwater treatment at the Property, downgradient from the property encompassing MW03 and MW05, using injection points to treat PCE in groundwater. For the purposes of the cost estimate, 28,500 square feet, from an average depth of 5 to 15 feet bgs, will be treated with a reducing agent and enhanced bioremediation. Anaerobic EHC bioremediation amendment (128,250 pounds) will be followed by 67L of microorganism DHC inoculation to enhance degradation. This cost estimate is conservatively based on treatment of concentrations of approximately 300,000 ug/kg in soil and 20,000 ug/L in groundwater on and adjacent to the Property and 100,000 ug/kg in soil and 7,000 ug/L in groundwater in the Source Area and downgradient (near MW05).
- Institutional controls:
 - Identical to Alternative 3.
- Compliance monitoring:
 - Identical to Alternative 3. See Table 7-1 summarizing the wells and monitoring schedule.

A cost estimate for Alternative 5 is provided in Table 7-5.

7.2.6 Alternative 6: Soil Excavation up to 15 feet bgs, Expanded Groundwater Remediation, Institutional Controls, and Groundwater Monitoring

Alternative 6 includes the following components:

- Remedial action:
 - **Soil:** Identical to the soil component of Alternative 2.
 - **Groundwater:** Identical to the groundwater component of Alternative 5.
- Institutional controls:
 - Identical to Alternative 2.
- Compliance monitoring:
 - Identical to Alternative 3. See Table 7-1 summarizing the wells and monitoring schedule.

A cost estimate for Alternative 6 is provided in Table 7-6.

7.2.7 Alternative 7: Soil Excavation up to 15 feet bgs, Complete Groundwater Remediation (Focused, Expanded and Reactive Zone)

Alternative 7 includes the following components:

- Remedial actions:
 - **Soil:** Identical to the soil component of Alternative 2.
 - **Groundwater:** This Alternative includes the expanded source groundwater treatment described in Alternative 5, and also includes in-situ groundwater treatment using injection points along public access ways; generating several reactive zones with EHC bioremediation amendment followed by microorganism inoculation to enhance biodegradation; and expanding the injection footprint in the upper terrace to accessible areas where PCE concentrations are above CULs (i.e., 5 parts per billion). For the purposes of the cost estimate, approximately 107,000 square feet of additional area will be treated to 20 feet bgs with 168,000 pound of bioremediation amendment.
- Institutional controls:
 - Identical to Alternative 2.
- Compliance monitoring:
 - Identical to Alternative 3.

A cost estimate for Alternative 7 is provided in Table 7-7.

8 EVALUATION OF ALTERNATIVES

8.1 Model Toxics Control Act Threshold Requirements

Cleanup actions are subject to the threshold requirements set forth in WAC 173-340-360(2)(a). Under the threshold requirements, the cleanup action shall:

- Protect human health and the environment.
- Comply with cleanup standards.
- Comply with applicable state and federal laws.
- Provide for compliance monitoring.

Alternative 1 does not pass the threshold requirements, and is not discussed further. Alternatives 2 through 7 would reduce or eliminate risk from contaminated soil through removal or a combination of removal and treatment. They would eliminate exposure pathways that pose risks to human health and the environment, and would comply with cleanup standards, which are detailed in Section 8.2.

The selected CULs are consistent with MTCA. Additionally, local, state, and federal laws related to environmental protection, health and safety, transportation, and disposal would apply to each proposed alternative. Applicable or relevant and appropriate requirements (ARARs) include:

- Resource Conservation and Recovery Act (RCRA): Disposal of any material off-site would be subject to RCRA to ensure appropriate disposal of waste, including hazardous and non-hazardous material. All alternatives include soil excavation and off-site disposal; the material will be profiled and disposed of at a licensed Subtitle C disposal facility.
- Washington State Hazardous Waste Management Regulations: Like the federal RCRA regulations, the material disposed of may be subject to hazardous waste management regulations (RCW 70.105). Unless exempt from these regulations, all waste will be handled according to these regulations.
- The [Washington] State Environmental Policy Act (SEPA): The SEPA process is undertaken when a governmental entity makes a decision. A SEPA checklist is completed by the lead governmental agency to make a determination of impact.
- Underground Injection Control (UIC) Regulations: injection of material into the subsurface is subject to UIC regulations requiring permitting of the project prior to injections. If a selected alternative includes injections, the required permits will be obtained.

During remedial design, the selected alternative would be designed to comply with applicable, relevant, and appropriate requirements.

There are three types of compliance monitoring: protection, performance, and confirmational. Protection monitoring is designed to protect human health and the environment during the construction and operation and maintenance phases of the cleanup action. Performance monitoring confirms that the cleanup action has met cleanup and/or performance standards. Confirmational monitoring confirms the long-term effectiveness of the cleanup action once cleanup standards have been met or other performance standards have been attained. The cleanup alternatives will meet this provision, as they will incorporate long-term monitoring. All of the alternatives have a similar assumed long-term monitoring timeframe at 30 years; and therefore all alternative have the same restoration timeframe based on the factors identified in WAC 173-340-360(4).

8.2 Evaluation Factors

MTCA states that in the selection of a cleanup alternative, preference shall be given to “permanent solutions to the maximum extent practicable.” “Permanent” is defined in WAC 173-340-200 as a cleanup action in which the cleanup standards of WAC 173-340-700 through 760 are met without further action being required at the site being cleaned up or at any other site involved with the cleanup action, other than the approved disposal of any residue from the treatment of hazardous substances. For the purposes of this analysis, Alternative 7 is the most practicable permanent solution and the baseline against which all alternatives are evaluated.

In order to determine the “maximum extent practicable” for each alternative, a disproportionate-cost analysis outlined in WAC 173-340-360(3)(e) is used. Costs are determined to be disproportionate to benefits if the incremental cost of a more expensive alternative over that of a lower-cost alternative exceeds the incremental degree of benefits achieved by the more expensive alternative. Consistent with WAC 173-340-360(3)(f), the evaluation criteria used were a mix of qualitative and quantitative factors, including protectiveness, permanence, effectiveness over the long term, management of short-term risks, technical and administrative implementability, and consideration of public concerns.

The cleanup alternatives are evaluated by the criteria below. See Table 8-1 for a quantitative ranking of evaluation factors.

8.2.1 Protectiveness

Protectiveness is a factor by which human health and the environment are protected by the cleanup action, including the degree to which existing risks are reduced; the time required to reduce risk at the facility and attain cleanup standards; on-site and off-site risks resulting from implementing the cleanup action alternative; and improvement of the overall environmental quality. Generally, all of the alternatives are protective because there is no complete exposure pathway at the Site with the exception of in the Source Area. All of the alternatives will reduce contamination.

Alternative 2 has a lower rating for protectiveness: human and ecological exposure to soils exceeding CULs is minimized by removal of the soil from the Site; however, treatment of groundwater would not be addressed in this alternative. Alternatives 3, 4, 5, 6, and 7 also address soil exceeding CULs by

removal from the Site, but compared to Alternative 2, they hasten the groundwater remediation and are expected to treat soil impacts not removed via excavation (i.e., B8) through in situ injections. The expansion of in situ groundwater remediation in Alternatives 5, 6, and Alternative 7 do not increase the protectiveness of the remedy as there is no additional risk associated with the groundwater that is being treated.

8.2.2 Permanence

Permanence is a factor by which the cleanup action alternative permanently reduces the toxicity, mobility, or volume of hazardous substances. It takes into account the adequacy of the alternative in destroying the hazardous substances, the reduction or elimination of hazardous substance releases and sources of releases, the degree of irreversibility of the waste-treatment process, and the characteristics and quantity of treatment residuals generated. Removal of soil would be considered the most permanent soil action because it would permanently eliminate the source of releases at the Property. Alternatives 2 through 7 include soil removal; however, it is not feasible to permanently remove all groundwater contamination because low pumping rate for the upper terrace deposits and large area of contaminant plume migration. Therefore, the permanence of all alternatives depends on the longevity of institutional controls and monitoring and the extent of groundwater treatment. Alternatives 3, 4, 5, 6, and 7 have additional groundwater treatment, potentially lessening the need for institutional controls on groundwater. The alternatives are ranked based on the extent of soil removal and groundwater remediation in order least to most permanent: Alternative 2, Alternative 3, Alternatives 4 and 5, Alternatives 6 and 7.

8.2.3 Effectiveness over Long Term

Long-term effectiveness includes the degree of certainty that the alternative will be successful; the reliability of the alternative for the expected duration of hazardous substances remaining on site at concentrations that exceed CULs; the magnitude of residual risk with the alternative in place; and the effectiveness of controls required to manage treatment residues or remaining wastes. Alternative 7 is considered most effective, with Alternative 6 closely ranked behind, over the long term in addressing groundwater contamination. Alternatives 4 and 5 are ranked slightly lower than Alternative 6. Alternative 3 addresses the highest areas of the groundwater contamination via bioremediation but not the entirety, resulting in a slightly less effective alternative than Alternatives 4 and 5. Alternative 2 is ranked lower, as no active groundwater remediation is incorporated.

8.2.4 Management of Short-Term Risks

Short-term risks to remediation workers, the public, and the environment are assessed under this criterion. Generally, short-term risks are expected to be linearly related to the amount of material handled, treated, and/or transported and disposed of (e.g., worker injury per cubic yard excavated [equipment failure], public exposure per cubic yard-mile transported [highway accident]).

This factor addresses the risk to human health and the environment associated with the alternative during construction and implementation, and the effectiveness of measures that will be taken to manage such risks. Potential public exposure during transport, handling, and excavation required for

the alternatives could lead to short-term risks. Alternative 3 best facilitates the management of short-term risks, as it includes only shallow soil removal and handling and Source Area injections. Alternatives 2, 4, 6, and 7 include the deeper soil removal and handling, but the deeper extent includes saturated soil with increased shoring and dewatering. Alternatives 5, 6 and 7 also involve drilling in the right-of-way. Alternative 3 is ranked highest, as the active remediation is concentrated in the Source Area and the risks can be controlled accordingly. Alternative 7 is ranked lowest, based on both the deeper soil excavation and extensive injections along public rights-of-way, resulting in slightly higher potential risk to remediation workers and the public.

8.2.5 Technical and Administrative Implementability

This factor addresses whether the alternative can be implemented and is technically possible. The availability of necessary materials, regulatory requirements, scheduling, access for construction operations and monitoring, and integration with existing and neighboring site uses must be considered. The deeper soil removal for Alternatives 2, 4, 6 and 7 reduces the implementability. Alternatives 5, 6, and 7 include the implementation issues associated with injection in the right-of-way in a residential neighborhood.

8.2.6 Public Concerns

This factor includes considering concerns from individuals, community groups, local governments, tribes, federal and state agencies, and any other organization that may have an interest in or knowledge of the Site and that may have a preferred alternative. Through the public process, the public will have an opportunity to review and comment on plans.

8.3 Disproportionate-Cost Analysis

In accordance with WAC 173-340-360(3)(e), the most practicable permanent solution evaluated will be the baseline cleanup action alternative to which the other cleanup action alternatives are compared. Based on this, Alternative 7 is the baseline alternative for this analysis. Table 8-1 summarizes the comparative analysis, with the alternatives' cost estimates shown in Tables 7-2 through 7-7. Each alternative was given a rating between 1 and 5 (5 being optimal, 1 being inadequate). Where there were only slight differences, fractional ratings were applied.

Based on these criteria, Alternative 2 has a rating of 2.6; Alternative 3, 4; Alternative 4, 3.5; Alternative 5, 3.3; Alternative 6, 3.2; and Alternative 7, 3.2 (see Table 8-1). Alternative 3 has the highest average rating of evaluation factors. Comparing the cost, Alternative 3 is nearly \$3M less expensive than the most permanent alternative, Alternative 7. Additionally, the environmental benefit in either removing more soil (Alternatives 2, 4, 6, and 7) or remediating a larger plume (Alternatives 5, 6, and 7) is marginal, as the contamination is relatively stable and there is no practical environmental risk in the residual contamination based on use, lack of potability, and soil and groundwater concentrations. Further, in situ groundwater treatment will likely result in ancillary treatment of soil contamination beneath the water table, reducing the benefit to excavate deeper soil. A comparison of the above factors with the estimated cost for each alternative shows that Alternative 3 balances the benefits with the costs associated for implementation of the alternative.

9 RECOMMENDATION

Alternative 3 addresses the soil above CULs by removing shallow contamination. It also removes the source area for groundwater and deeper soil contamination via enhanced bioremediation. Alternative 3 is protective because extensive investigation of the Site showed that there was no threat to human health or the environment through the groundwater pathway from drinking, through discharge to surface water, or through possible exposure to indoor air. Source removal and reduction through excavation and in situ bioremediation will remove contamination and also remove the source of groundwater contamination.

The recommended Alternative 3 has a reasonable restoration timeframe based on the factors identified in WAC 173-340-360(4). The potential risks to human health and the environment posed by the Site are limited to soil, which will be addressed following implementation of the remedy to six feet bgs. The implementation, both excavation and injections, is estimated to be several months. An alternative that includes deeper excavation would result in full soil removal to 15 feet bgs and a slightly shorter restoration timeframe, however excavation would require a longer implementation timeframe due to shoring, dewatering and associated groundwater treatment. The current and future use of the Site and surrounding areas are expected to remain a mix of commercial and residential; resources are not affected by releases from the Site, following soil remediation.

As discussed in Section 6.1.2 above, alternative water supplies are available and the upper WBZ in the Source Area has been determined to be nonpotable. Institutional controls will be kept as an additional measure for groundwater impacted on the Property which will remain with the land and will be effective and reliable. Ongoing monitoring will provide the ability to monitor migration of hazardous substances on Site. Additionally, the source area will be removed by Alternative 3, significantly reducing the hazardous substances at the Site; and the dilution of groundwater concentrations in the plume have been documented. Further, groundwater use on the Port property will be prohibited by an environmental covenant.

The cost for Alternative 3 is reasonable for the amount of environmental benefit and comparative lack of environmental risk posed by the Site as demonstrated through extensive Site characterization.

LIMITATIONS

The services undertaken in completing this report were performed consistent with generally accepted professional consulting principles and practices. No other warranty, express or implied, is made. These services were performed consistent with our agreement with our client. This report is solely for the use and information of our client unless otherwise noted. Any reliance on this report by a third party is at such party's sole risk.

Opinions and recommendations contained in this report apply to conditions existing when services were performed and are intended only for the client, purposes, locations, time frames, and project parameters indicated. We are not responsible for the impacts of any changes in environmental standards, practices, or regulations subsequent to performance of services. We do not warrant the accuracy of information supplied by others, or the use of segregated portions of this report.

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TABLES



**Table 2-1
Historical Sample Summary
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington**

Location	Sample Name	Sample Medium	Depth (feet bgs)
2008 U.S. Environmental Protection Agency			
GP01	J8GT3	Soil	8
	J8GT4	Soil	12
	J8GT5	Groundwater	NA
GP02	J8GT7	Soil	8
	J8GT8	Soil	12
	J8GT9	Groundwater	NA
GP03	J8GW3	Soil	8
	J8GW4	Soil	12
	J8GW1	Groundwater	NA
GP04	J8GW7	Soil	8
	J8GW8	Soil	12
	J8GW5	Groundwater	NA
GP05	J8GX1	Soil	8
	J8GX2	Soil	12
	J8GW9	Groundwater	NA
GP06	J8GX5	Soil	8
	J8GX6	Soil	12
	J8GX3	Groundwater	NA
GP07	J8GX9	Soil	8
	J8GY0	Soil	12
	J8GY1	Soil	14
	J8GY2	Soil	16
	J8GX7	Groundwater	NA
GP08	J8GY5	Soil	8
	J8GY6	Soil	12
	J8GY3	Groundwater	NA
GP09	J8GY9	Soil	8
	J8GZ0	Soil	12
	J8GY7	Groundwater	NA
GP10	J8GZ3	Soil	8
	J8GZ4	Soil	12
	J8GZ1	Groundwater	NA
GP11	J8GZ7	Soil	8
	J8GZ8	Soil	12
	J8H00	Soil	14
	J8GZ9	Soil	16
	J8GZ5	Groundwater	NA

**Table 2-1
Historical Sample Summary
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington**

Location	Sample Name	Sample Medium	Depth (feet bgs)
GP12	J8H03	Soil	8
	J8H04	Soil	12
	J8H01	Groundwater	NA
GP13	J8H07	Soil	8
	J8H08	Soil	12
	J8H05	Groundwater	NA
GP14	J8H11	Soil	8
	J8H12	Soil	12
	J8H09	Groundwater	NA
GP15	J8H15	Soil	8
	J8H16	Soil	12
	J8H13	Groundwater	NA
GP16	J8H17	Groundwater	NA
GP17	J8H18	Groundwater	NA
GP18	J8H19	Groundwater	NA
GP19	J8H20	Groundwater	NA
GP20	J8H21	Groundwater	NA
GP21	J8H22	Groundwater	NA
GP22	J8H23	Groundwater	NA
GP23	J8H24	Groundwater	NA
BG01	J8GS7	Soil	8
	J8GS8	Soil	12
	J8GT0	Soil	14
	J8GS9	Soil	16
	K8GS6	Groundwater	NA
2006 Clark County Health Department			
PL1	PL1-S	Soil	10.5
	PL1-GW	Groundwater	12
PL2	PL2-S	Soil	10.5
	PL2-GW	Groundwater	12
PL3	PL3-S	Soil	10.5
	PL3-GW	Groundwater	12
PL4	PL4-S	Soil	10.5
	PL4-GW	Groundwater	12
PL5	PL5-S	Soil	10.5
	PL5-GW	Groundwater	12
PL6	PL6-S	Soil	10.5
	PL6-GW	Groundwater	12

**Table 2-1
 Historical Sample Summary
 Former Park Laundry
 Union Ridge Investment Company
 Ridgefield, Washington**

Location	Sample Name	Sample Medium	Depth (feet bgs)
2006 Hahn and Associates, Inc.			
B1	1036-060711-100	Groundwater	13.5
B2	1036-060711-102	Groundwater	13
B3	1036-060711-103	Groundwater	13.5
B4	1036-060711-104	Groundwater	13.5
NOTES: feet bgs = feet below ground surface. NA = not available.			

Table 2-2
Historical Volatile Organic Compounds in Soil (ug/kg)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample Name	Date	Sample Depth (feet bgs)	1,1,1,2-Tetra-chloroethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetra-chloroethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene	1,2,4-Trimethyl-benzene	1,2-Dibromo-3-chloropropane	1,2-Dibromo-ethane	1,2-Dichloro-benzene	1,2-Dichloro-ethane
MTCA Method A soil CULs				NV	2000	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV	5	NV	NV
BG01	J8GS7	04/17/2008	8	--	12 U	12 U	12 U	12 U	12 U	--	12 U	--	12 U	--	12 U	12 U	12 U	12 U
	J8GS8	04/17/2008	12	--	8.2 U	8.2 U	8.2 U	8.2 U	8.2 U	--	8.2 U	--	8.2 U	--	8.2 U	8.2 U	8.2 U	8.2 U
	J8GT0	04/17/2008	14	--	14 U	14 U	14 U	14 U	14 U	--	14 U	--	14 U	--	14 U	14 U	14 U	14 U
	J8GS9	04/17/2008	16	--	8.2 U	8.2 U	8.2 U	8.2 U	8.2 U	--	8.2 U	--	8.2 U	--	8.2 U	8.2 U	8.2 U	8.2 U
GP01	J8GT3	04/17/2008	8	--	7.3 U	7.3 U	7.3 U	7.3 U	7.3 U	--	7.3 U	--	7.3 U	--	7.3 U	7.3 U	7.3 U	7.3 U
	J8GT4	04/17/2008	12	--	8 U	8 U	8 U	8 U	8 U	--	8 U	--	8 U	--	8 U	8 U	8 U	8 U
GP02	J8GT7	04/17/2008	8	--	6.9 U	6.9 U	6.9 U	6.9 U	6.9 U	--	6.9 U	--	6.9 U	--	6.9 U	6.9 U	6.9 U	6.9 U
	J8GT8	04/17/2008	12	--	9.8 U	9.8 U	9.8 U	9.8 U	9.8 U	--	9.8 U	--	9.8 U	--	9.8 U	9.8 U	9.8 U	9.8 U
GP03	J8GW3	04/17/2008	8	--	7.8 U	7.8 U	7.8 U	7.8 U	7.8 U	--	7.8 U	--	7.8 U	--	7.8 U	7.8 U	7.8 U	7.8 U
	J8GW4	04/17/2008	12	--	9.4 U	9.4 U	9.4 U	9.4 U	9.4 U	--	9.4 U	--	9.4 U	--	9.4 U	9.4 U	9.4 U	9.4 U
GP04	J8GW7	04/16/2008	8	--	7 U	7 U	7 U	7 U	7 U	--	7 U	--	7 U	--	7 U	7 U	7 U	7 U
	J8GW8	04/16/2008	12	--	7.4 U	7.4 U	7.4 U	7.4 U	7.4 U	--	7.4 U	--	7.4 U	--	7.4 U	7.4 U	7.4 U	7.4 U
GP05	J8GX1	04/16/2008	8	--	8 U	8 U	8 U	8 U	8 U	--	8 U	--	8 U	--	8 U	8 U	8 U	8 U
	J8GX2	04/16/2008	12	--	7.6 U	7.6 U	7.6 U	7.6 U	7.6 U	--	7.6 U	--	7.6 U	--	7.6 U	7.6 U	7.6 U	7.6 U
GP06	J8GX5	04/16/2008	8	--	7.1 U	7.1 U	7.1 U	7.1 U	7.1 U	--	7.1 U	--	7.1 U	--	7.1 U	7.1 U	7.1 U	7.1 U
	J8GX6	04/16/2008	12	--	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	--	7.2 U	--	7.2 U	--	7.2 U	7.2 U	7.2 U	7.2 U
GP07	J8GX9	04/16/2008	8	--	7.3 U	7.3 U	7.3 U	7.3 U	7.3 U	--	7.3 U	--	7.3 U	--	7.3 U	7.3 U	7.3 U	7.3 U
	J8GY0	04/16/2008	12	--	7 U	7 U	7 U	7 U	7 U	--	7 U	--	7 U	--	7 U	7 U	7 U	7 U
	J8GY1	04/16/2008	14	--	6.9 U	6.9 U	6.9 U	6.9 U	6.9 U	--	6.9 U	--	6.9 U	--	6.9 U	6.9 U	6.9 U	6.9 U
GP08	J8GY2	04/16/2008	16	--	7.4 U	7.4 U	7.4 U	7.4 U	7.4 U	--	7.4 U	--	7.4 U	--	7.4 U	7.4 U	7.4 U	7.4 U
	J8GY5	04/16/2008	8	--	7.6 U	7.6 U	7.6 U	7.6 U	7.6 U	--	7.6 U	--	7.6 U	--	7.6 U	7.6 U	7.6 U	7.6 U
GP09	J8GY6	04/16/2008	12	--	8.1 U	8.1 U	8.1 U	8.1 U	8.1 U	--	8.1 U	--	8.1 U	--	8.1 U	8.1 U	8.1 U	8.1 U
	J8GY9	04/16/2008	8	--	7.4 U	7.4 U	7.4 U	7.4 U	7.4 U	--	7.4 U	--	7.4 U	--	7.4 U	7.4 U	7.4 U	7.4 U
GP10	J8GZ0	04/16/2008	12	--	8.2 U	8.2 U	8.2 U	8.2 U	8.2 U	--	8.2 U	--	8.2 U	--	8.2 U	8.2 U	8.2 U	8.2 U
	J8GZ3	04/16/2008	8	--	7.4 U	7.4 U	7.4 U	7.4 U	7.4 U	--	7.4 U	--	7.4 U	--	7.4 U	7.4 U	7.4 U	7.4 U
GP11	J8GZ4	04/16/2008	12	--	7.8 U	7.8 U	7.8 U	7.8 U	7.8 U	--	7.8 U	--	7.8 U	--	7.8 U	7.8 U	7.8 U	7.8 U
	J8GZ7	04/16/2008	8	--	7.9 U	7.9 U	7.9 U	7.9 U	7.9 U	--	7.9 U	--	7.9 U	--	7.9 U	7.9 U	7.9 U	7.9 U
GP12	J8GZ8	04/16/2008	12	--	7 U	7 U	7 U	7 U	7 U	--	7 U	--	7 U	--	7 U	7 U	7 U	7 U
	J8H00	04/16/2008	14	--	7.8 U	7.8 U	7.8 U	7.8 U	7.8 U	--	7.8 U	--	7.8 U	--	7.8 U	7.8 U	7.8 U	7.8 U
	J8GZ9	04/16/2008	16	--	6.8 U	6.8 U	6.8 U	6.8 U	6.8 U	--	6.8 U	--	6.8 U	--	6.8 U	6.8 U	6.8 U	6.8 U
GP13	J8H03	04/16/2008	8	--	6.9 U	6.9 U	6.9 U	6.9 U	6.9 U	--	6.9 U	--	6.9 U	--	6.9 U	6.9 U	6.9 U	6.9 U
	J8H04	04/16/2008	12	--	7.4 U	7.4 U	7.4 U	7.4 U	7.4 U	--	7.4 U	--	7.4 U	--	7.4 U	7.4 U	7.4 U	7.4 U
GP14	J8H07	04/16/2008	8	--	7.1 U	7.1 U	7.1 U	7.1 U	7.1 U	--	7.1 U	--	7.1 U	--	7.1 U	7.1 U	7.1 U	7.1 U
	J8H08	04/16/2008	12	--	7.7 U	7.7 U	7.7 U	7.7 U	7.7 U	--	7.7 U	--	7.7 U	--	7.7 U	7.7 U	7.7 U	7.7 U
GP15	J8H11	04/16/2008	8	--	7.1 U	7.1 U	7.1 U	7.1 U	7.1 U	--	7.1 U	--	7.1 U	--	7.1 U	7.1 U	7.1 U	7.1 U
	J8H12	04/16/2008	12	--	7 U	7 U	7 U	7 U	7 U	--	7 U	--	7 U	--	7 U	7 U	7 U	7 U
PL1	J8H15	04/16/2008	8	--	8 U	8 U	8 U	8 U	8 U	--	8 U	--	8 U	--	8 U	8 U	8 U	8 U
	J8H16	04/16/2008	12	--	8 U	8 U	8 U	8 U	8 U	--	8 U	--	8 U	--	8 U	8 U	8 U	8 U
PL2	PL1-S	10/18/2006	10.5	118 U	118 U	118 U	118 U	118 U	118 U	118 U	118 U	118 U	118 U	118 U	588 U	118 U	118 U	118 U
PL3	PL2-S	10/18/2006	10.5	117 U	117 U	117 U	117 U	117 U	117 U	117 U	117 U	117 U	117 U	117 U	586 U	117 U	117 U	117 U
PL4	PL3-S	10/18/2006	10.5	102 U	102 U	102 U	102 U	102 U	102 U	102 U	102 U	102 U	102 U	102 U	510 U	102 U	102 U	102 U
PL5	PL4-S	10/18/2006	10.5	102 U	102 U	102 U	102 U	102 U	102 U	102 U	102 U	102 U	102 U	102 U	511 U	102 U	102 U	102 U
PL6	PL5-S	10/18/2006	10.5	106 U	106 U	106 U	106 U	106 U	106 U	106 U	106 U	106 U	106 U	106 U	530 U	106 U	106 U	106 U
PL6	PL6-S	10/18/2006	10.5	110 U	110 U	110 U	110 U	110 U	110 U	110 U	110 U	110 U	110 U	110 U	552 U	110 U	110 U	110 U

Table 2-2
Historical Volatile Organic Compounds in Soil (ug/kg)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample Name	Date	Sample Depth (feet bgs)	Trichloro-ethene	Trichlorofluoro-methane	Vinyl chloride
MTC Method A soil CULs				30	NV	NV
BG01	J8GS7	04/17/2008	8	12 U	12 U	12 U
	J8GS8	04/17/2008	12	8.2 U	8.2 U	8.2 U
	J8GT0	04/17/2008	14	14 U	14 U	14 U
	J8GS9	04/17/2008	16	8.2 U	8.2 U	8.2 U
GP01	J8GT3	04/17/2008	8	7.3 U	7.3 U	7.3 U
	J8GT4	04/17/2008	12	8 U	8 U	8 U
GP02	J8GT7	04/17/2008	8	6.9 U	6.9 U	6.9 U
	J8GT8	04/17/2008	12	9.8 U	9.8 U	9.8 U
GP03	J8GW3	04/17/2008	8	7.8 U	7.8 U	7.8 U
	J8GW4	04/17/2008	12	9.4 U	9.4 U	9.4 U
GP04	J8GW7	04/16/2008	8	7 U	7 U	7 U
	J8GW8	04/16/2008	12	7.4 U	7.4 U	7.4 U
GP05	J8GX1	04/16/2008	8	8 U	8 U	8 U
	J8GX2	04/16/2008	12	7.6 U	7.6 U	7.6 U
GP06	J8GX5	04/16/2008	8	7.1 U	7.1 U	7.1 U
	J8GX6	04/16/2008	12	7.2 U	7.2 U	7.2 U
GP07	J8GX9	04/16/2008	8	7.3 U	7.3 U	7.3 U
	J8GY0	04/16/2008	12	7 U	7 U	7 U
	J8GY1	04/16/2008	14	6.9 U	6.9 U	6.9 U
	J8GY2	04/16/2008	16	3.1 J	7.4 U	7.4 U
GP08	J8GY5	04/16/2008	8	7.6 U	7.6 U	7.6 U
	J8GY6	04/16/2008	12	8.1 U	8.1 U	8.1 U
GP09	J8GY9	04/16/2008	8	7.4 U	7.4 U	7.4 U
	J8GZ0	04/16/2008	12	8.2 U	8.2 U	8.2 U
GP10	J8GZ3	04/16/2008	8	7.4 U	7.4 U	7.4 U
	J8GZ4	04/16/2008	12	7.8 U	7.8 U	7.8 U
GP11	J8GZ7	04/16/2008	8	7.9 U	7.9 U	7.9 U
	J8GZ8	04/16/2008	12	7 U	7 U	7 U
	J8H00	04/16/2008	14	7.8 U	7.8 U	7.8 U
	J8GZ9	04/16/2008	16	6.8 U	6.8 U	6.8 U
GP12	J8H03	04/16/2008	8	6.9 U	6.9 U	6.9 U
	J8H04	04/16/2008	12	7.4 U	7.4 U	7.4 U
GP13	J8H07	04/16/2008	8	7.1 U	7.1 U	7.1 U
	J8H08	04/16/2008	12	7.7 U	7.7 U	7.7 U
GP14	J8H11	04/16/2008	8	7.1 U	7.1 U	7.1 U
	J8H12	04/16/2008	12	7 U	7 U	7 U
GP15	J8H15	04/16/2008	8	8 U	8 U	8 U
	J8H16	04/16/2008	12	8 U	8 U	8 U
PL1	PL1-S	10/18/2006	10.5	118 U	118 U	118 U
PL2	PL2-S	10/18/2006	10.5	117 U	117 U	117 U
PL3	PL3-S	10/18/2006	10.5	102 U	102 U	102 U
PL4	PL4-S	10/18/2006	10.5	102 U	102 U	102 U
PL5	PL5-S	10/18/2006	10.5	106 U	106 U	106 U
PL6	PL6-S	10/18/2006	10.5	110 U	110 U	110 U

Table 2-2
Historical Volatile Organic Compounds in Soil (ug/kg)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

NOTES:

Bold values indicate detections that exceed one or more of the screening criteria.

-- = not analyzed.

CUL = cleanup level.

feet bgs = feet below ground surface.

J = estimated concentration.

MTCA = Model Toxics Control Act.

NV = no value.

U = not detected at or above method reporting limit.

ug/kg = micrograms per kilogram.

UR = rejected non-detect because of very low matrix spike/matrix spike duplicate or laboratory control standard recovery.

^aValues calculated using toxicological data and standard Method B groundwater CULs for total xylenes, as not all data were available for individual m,p- and o-xylenes.

Table 2-3
Historical Volatile Organic Compounds in Groundwater (ug/L)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample Name	Date	Sample Depth (feet bgs)	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene
MTCA Method A Groundwater CULs				NV	200	NV	NV	NV	NV	NV	NV	NV	NV
B1	7032-060711-100	07/11/2006	13.5	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
B2	7032-060711-102	07/11/2006	13	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
B3	7032-060711-103	07/11/2006	13.5	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
B4	7032-060711-104	07/11/2006	13.5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
BG01	J8GS6	04/17/2008	NA	--	5 U	5 U	5 U	5 U	5 U	--	5 U	--	5 U
GP-1	GP1W	11/01/2001	12.0	--	--	--	--	--	--	--	--	--	--
GP-2	GP2W	11/01/2001	12.0	--	--	--	--	--	--	--	--	--	--
GP-3	WP3W	11/01/2001	12.0	--	--	--	--	--	--	--	--	--	--
GP01	J8GT5	04/17/2008	NA	--	5 U	5 U	5 U	5 U	5 U	--	5 U	--	5 U
GP02	J8GT9	04/17/2008	NA	--	5 U	5 U	5 U	5 U	5 U	--	5 U	--	5 U
GP03	J8GW1	04/17/2008	NA	--	5 U	5 U	5 U	5 U	5 U	--	5 U	--	5 U
GP04	J8GW5	04/16/2008	NA	--	5 U	5 U	5 U	5 U	5 U	--	5 U	--	5 U
GP05	J8GW9	04/16/2008	NA	--	5 U	5 U	5 U	5 U	5 U	--	5 U	--	5 U
GP06	J8GX3	04/16/2008	NA	--	5 U	5 U	5 U	5 U	5 U	--	5 U	--	5 U
GP07	J8GX7	04/16/2008	NA	--	5 U	5 U	5 U	5 U	5 U	--	5 U	--	5 U
GP08	J8GY3	04/16/2008	NA	--	5 U	5 U	5 U	5 U	5 U	--	5 U	--	5 U
GP09	J8GY7	04/16/2008	NA	--	5 U	5 U	5 U	5 U	5 U	--	5 U	--	5 U
GP10	J8GZ1	04/16/2008	NA	--	5 U	5 U	5 U	5 U	5 U	--	5 U	--	5 U
GP11	J8GZ5	04/16/2008	NA	--	5 U	5 U	5 U	5 U	5 U	--	5 U	--	5 U
GP12	J8H01	04/16/2008	NA	--	5 U	5 U	5 U	5 U	5 U	--	5 U	--	5 U
GP13	J8H05	04/16/2008	NA	--	5 U	5 U	5 U	5 U	5 U	--	5 U	--	5 U
GP14	J8H09	04/16/2008	NA	--	5 U	5 U	5 U	5 U	5 U	--	5 U	--	5 U
GP15	J8H13	04/16/2008	NA	--	5 U	5 U	5 U	5 U	5 U	--	5 U	--	5 U
GP16	J8H17	04/17/2008	NA	--	5 U	5 U	5 U	5 U	5 U	--	5 U	--	5 U
GP17	J8H18	04/17/2008	NA	--	5 U	5 U	5 U	5 U	5 U	--	5 U	--	5 U
GP18	J8H19	04/17/2008	NA	--	5 U	5 U	5 U	5 U	5 U	--	5 U	--	5 U
GP19	J8H20	04/17/2008	NA	--	5 U	5 U	5 U	5 U	5 U	--	5 U	--	5 U
GP20	J8H21	04/17/2008	NA	--	5 U	5 U	5 U	5 U	5 U	--	5 U	--	5 U
GP21	J8H22	04/17/2008	NA	--	5 U	5 U	5 U	5 U	5 U	--	5 U	--	5 U
GP22	J8H23	04/17/2008	NA	--	5 U	5 U	5 U	5 U	5 U	--	5 U	--	5 U
GP23	J8H24	04/17/2008	NA	--	5 U	5 U	5 U	5 U	5 U	--	5 U	--	5 U
PL1	PL1-GW	10/18/2006	12	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
PL2	PL2-GW	10/18/2006	12	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
PL3	PL3-GW	10/18/2006	12	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U
PL4	PL4-GW	10/18/2006	12	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
PL5	PL5-GW	10/18/2006	12	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
PL6	PL6-GW	10/18/2006	12	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 2-3
Historical Volatile Organic Compounds in Groundwater (ug/L)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample Name	Date	Sample Depth (feet bgs)	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene
MTC A Method A Groundwater CULs				NV	200	NV	NV	NV	NV	NV	NV	NV	NV
Downgradient Wells (Port of Ridgefield)—Deep UWBZ													
MW-29D	MW29R-102104	10/21/2004	NA	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U
	MW29D011905	01/19/2005	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	MW29D042605	04/26/2005	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	MW29D071905	07/19/2005	NA	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
	MW29D101805	10/18/2005	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	MW29D011806	01/18/2006	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	MW29D042606	04/26/2006	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	MW29D080106	08/01/2006	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	MW29D102406	10/24/2006	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	MW29D010907	01/09/2007	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	MW29D041007	04/10/2007	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	MW29D080707	08/07/2007	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	MW29D011008	01/10/2008	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	MW29D080708	08/07/2008	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	MW29D012109	01/20/2009	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	MW29D080309	08/03/2009	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	MW29D010710	01/07/2010	NA	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	MW29D082211	08/22/2011	NA	--	--	--	--	--	--	--	--	--	--
	MW29D012612	01/26/2012	NA	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	MW29D080812	08/08/2012	NA	--	--	--	--	--	--	--	--	--	--
MW29D081213	08/12/2013	NA	--	--	--	--	--	--	--	--	--	--	
MW29D012114	01/21/2014	NA	--	--	--	--	--	--	--	--	--	--	
MW29D072214	07/22/2014	NA	--	--	--	--	--	--	--	--	--	--	
MW29D011215	01/12/2015	NA	--	--	--	--	--	--	--	--	--	--	
MW29D081516	08/15/2016	NA	--	--	--	--	--	--	--	--	--	--	
MW-45D	MW45-072604	07/26/2004	NA	--	--	--	--	--	--	--	--	--	--
	MW45-102104	10/21/2004	NA	--	--	--	--	--	--	--	--	--	--
	MW45D012005	01/20/2005	NA	--	--	--	--	--	--	--	--	--	--
	MW45D042705	04/26/2005	NA	--	--	--	--	--	--	--	--	--	--
	MW45D042705-Dup	04/26/2005	NA	--	--	--	--	--	--	--	--	--	--
	MW45D072005	07/19/2005	NA	--	--	--	--	--	--	--	--	--	--
	MW45D102105	10/21/2005	NA	--	--	--	--	--	--	--	--	--	--
	MW45D102105-DUP	10/21/2005	NA	--	--	--	--	--	--	--	--	--	--
	MW45D011906	01/19/2006	NA	--	--	--	--	--	--	--	--	--	--
	MW45D042806	04/28/2006	NA	--	--	--	--	--	--	--	--	--	--
	MW45D042806-Dup	04/28/2006	NA	--	--	--	--	--	--	--	--	--	--
	MW45D080306	08/03/2006	NA	--	--	--	--	--	--	--	--	--	--
	MW45D080306-Dup	08/03/2006	NA	--	--	--	--	--	--	--	--	--	--
	MW45D102506	10/25/2006	NA	--	--	--	--	--	--	--	--	--	--
	MW45D102506-Dup	10/25/2006	NA	--	--	--	--	--	--	--	--	--	--

Table 2-3
Historical Volatile Organic Compounds in Groundwater (ug/L)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample Name	Date	Sample Depth (feet bgs)	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene
MTC A Method A Groundwater CULs				NV	200	NV	NV	NV	NV	NV	NV	NV	NV
	MW45D011007	01/10/2007	NA	--	--	--	--	--	--	--	--	--	--
	MW45D011007-Dup	01/10/2007	NA	--	--	--	--	--	--	--	--	--	--
	MW45D041107	04/11/2007	NA	--	--	--	--	--	--	--	--	--	--
	MW45D041107-Dup	04/11/2007	NA	--	--	--	--	--	--	--	--	--	--
	MW45D080807	08/08/2007	NA	--	--	--	--	--	--	--	--	--	--
	MW45D011108	01/11/2008	NA	--	--	--	--	--	--	--	--	--	--
	MW45D080808	08/08/2008	NA	--	--	--	--	--	--	--	--	--	--
	MW45D012209	01/20/2009	NA	--	--	--	--	--	--	--	--	--	--
	MW45D012209-Dup	01/20/2009	NA	--	--	--	--	--	--	--	--	--	--
	MW45D080409	08/04/2009	NA	--	--	--	--	--	--	--	--	--	--
	MW45D010710	01/07/2010	NA	--	--	--	--	--	--	--	--	--	--
	MW45D082411	08/24/2011	NA	--	--	--	--	--	--	--	--	--	--
	MW45D082411-Dup	08/24/2011	NA	--	--	--	--	--	--	--	--	--	--
	MW45D080812	08/08/2012	NA	--	--	--	--	--	--	--	--	--	--
	MW45DDUP080812	08/08/2012	NA	--	--	--	--	--	--	--	--	--	--
	MW-45D-20130812-GW	08/12/2013	NA	--	--	--	--	--	--	--	--	--	--
	MW-45D-20130812-GW-DUP	08/12/2013	NA	--	--	--	--	--	--	--	--	--	--
	MW45D012214	01/22/2014	NA	--	--	--	--	--	--	--	--	--	--
	MW45DDUP012214	01/22/2014	NA	--	--	--	--	--	--	--	--	--	--
	MW45D072214	07/22/2014	NA	--	--	--	--	--	--	--	--	--	--
MW45DDUP072214	07/22/2014	NA	--	--	--	--	--	--	--	--	--	--	
MW45D011415	01/14/2015	NA	--	--	--	--	--	--	--	--	--	--	
MW45DDUP011415	01/14/2015	NA	--	--	--	--	--	--	--	--	--	--	
MW45D081516	08/15/2016	NA	--	--	--	--	--	--	--	--	--	--	
MW45DDUP081516	08/15/2016	NA	--	--	--	--	--	--	--	--	--	--	
MW-46D	MW47-072704	07/27/2004	NA	--	--	--	--	--	--	--	--	--	--
	MW47-102104	10/21/2004	NA	--	--	--	--	--	--	--	--	--	--
	MW46D012005	01/20/2005	NA	--	--	--	--	--	--	--	--	--	--
	MW46D042705	04/26/2005	NA	--	--	--	--	--	--	--	--	--	--
	MW46D072005	07/19/2005	NA	--	--	--	--	--	--	--	--	--	--
	MW46D101905	10/19/2005	NA	--	--	--	--	--	--	--	--	--	--
	MW46D011906	01/19/2006	NA	--	--	--	--	--	--	--	--	--	--
	MW46D042706	04/27/2006	NA	--	--	--	--	--	--	--	--	--	--
	MW46D080306	08/03/2006	NA	--	--	--	--	--	--	--	--	--	--
	MW46D102506	10/25/2006	NA	--	--	--	--	--	--	--	--	--	--
	MW46D011107	01/11/2007	NA	--	--	--	--	--	--	--	--	--	--
	MW46D041107	04/11/2007	NA	--	--	--	--	--	--	--	--	--	--
	MW46D080807	08/08/2007	NA	--	--	--	--	--	--	--	--	--	--
	MW46D011108	01/11/2008	NA	--	--	--	--	--	--	--	--	--	--
MW46D080808	08/08/2008	NA	--	--	--	--	--	--	--	--	--	--	

Table 2-3
Historical Volatile Organic Compounds in Groundwater (ug/L)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample Name	Date	Sample Depth (feet bgs)	1,1,1,2-Tetrachloro-ethane	1,1,1-Trichloro-ethane	1,1,2,2-Tetrachloro-ethane	1,1,2-Trichloro-ethane	1,1-Dichloro-ethane	1,1-Dichloro-ethene	1,1-Dichloro-propene	1,2,3-Trichloro-benzene	1,2,3-Trichloro-propane	1,2,4-Trichloro-benzene
MTC A Method A Groundwater CULs				NV	200	NV	NV	NV	NV	NV	NV	NV	NV
	MW46D012309	01/20/2009	NA	--	--	--	--	--	--	--	--	--	--
	MW46D080409	08/04/2009	NA	--	--	--	--	--	--	--	--	--	--
	MW46D010810	01/08/2010	NA	--	--	--	--	--	--	--	--	--	--
	MW46D082211	08/22/2011	NA	--	--	--	--	--	--	--	--	--	--
	MW46D080812	08/08/2012	NA	--	--	--	--	--	--	--	--	--	--
	MW-46D-20130812-GW	08/12/2013	NA	--	--	--	--	--	--	--	--	--	--
	MW46D012214	01/22/2014	NA	--	--	--	--	--	--	--	--	--	--
	MW46D072214	07/22/2014	NA	--	--	--	--	--	--	--	--	--	--
	MW46D011415	01/14/2015	NA	--	--	--	--	--	--	--	--	--	--
	MW46D081516	08/15/2016	NA	--	--	--	--	--	--	--	--	--	--
MW-47D	MW50-072604	07/26/2004	NA	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U
	MW50-102104	10/21/2004	NA	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	2.0 U
	MW47D011905	01/19/2005	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	MW47D042605	04/26/2005	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	MW47D071905	07/19/2005	NA	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
	MW47D101805	10/18/2005	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	MW47D011806	01/18/2006	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	MW47D042606	04/26/2006	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	MW47D080106	08/01/2006	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	MW47D102406	10/24/2006	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	MW47D010907	01/09/2007	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	MW47D041007	04/10/2007	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	MW47D080707	08/07/2007	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	MW47D011008	01/10/2008	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	MW47D080708	08/07/2008	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	MW47D012109	01/20/2009	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	MW47D080309	08/03/2009	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	MW47D010710	01/07/2010	NA	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	MW47D082211	08/22/2011	NA	--	--	--	--	--	--	--	--	--	--
	MW47D012612	01/26/2012	NA	--	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	MW47D080812	08/08/2012	NA	--	--	--	--	--	--	--	--	--	--
	MW47D081213	08/12/2013	NA	--	--	--	--	--	--	--	--	--	--
	MW47D012114	01/21/2014	NA	--	--	--	--	--	--	--	--	--	--
MW47D072214	07/22/2014	NA	--	--	--	--	--	--	--	--	--	--	
MW47D011215	01/12/2015	NA	--	--	--	--	--	--	--	--	--	--	
MW47D081516	08/15/2016	NA	--	--	--	--	--	--	--	--	--	--	

Table 2-3
Historical Volatile Organic Compounds in Groundwater (ug/L)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample Name	Date	Sample Depth (feet bgs)	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane	1,2-Dichlorobenzene	1,2-Dichloroethane	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	1,4-Dioxane
MTCA Method A Groundwater CULs				NV	NV	0.01	NV	5	NV	NV	NV	NV	NV	NV
B1	7032-060711-100	07/11/2006	13.5	50 U	250 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	--
B2	7032-060711-102	07/11/2006	13	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	--
B3	7032-060711-103	07/11/2006	13.5	50 U	250 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	--
B4	7032-060711-104	07/11/2006	13.5	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
BG01	J8GS6	04/17/2008	NA	--	5 U	5 U	5 U	5 U	5 U	--	5 U	--	5 U	100 UR
GP-1	GP1W	11/01/2001	12.0	--	--	--	--	--	--	--	--	--	--	--
GP-2	GP2W	11/01/2001	12.0	--	--	--	--	--	--	--	--	--	--	--
GP-3	WP3W	11/01/2001	12.0	--	--	--	--	--	--	--	--	--	--	--
GP01	J8GT5	04/17/2008	NA	--	5 U	5 U	5 U	5 U	5 U	--	5 U	--	5 U	100 UR
GP02	J8GT9	04/17/2008	NA	--	5 U	5 U	5 U	5 U	5 U	--	5 U	--	5 U	100 UR
GP03	J8GW1	04/17/2008	NA	--	5 U	5 U	5 U	5 U	5 U	--	5 U	--	5 U	100 UR
GP04	J8GW5	04/16/2008	NA	--	5 U	5 U	5 U	5 U	5 U	--	5 U	--	5 U	100 UR
GP05	J8GW9	04/16/2008	NA	--	5 U	5 U	5 U	5 U	5 U	--	5 U	--	5 U	100 UR
GP06	J8GX3	04/16/2008	NA	--	5 U	5 U	5 U	5 U	5 U	--	5 U	--	5 U	100 UR
GP07	J8GX7	04/16/2008	NA	--	5 U	5 U	5 U	5 U	5 U	--	5 U	--	5 U	100 UR
GP08	J8GY3	04/16/2008	NA	--	5 U	5 U	5 U	5 U	5 U	--	5 U	--	5 U	100 UR
GP09	J8GY7	04/16/2008	NA	--	5 U	5 U	5 U	5 U	5 U	--	5 U	--	5 U	100 UR
GP10	J8GZ1	04/16/2008	NA	--	5 U	5 U	5 U	5 U	5 U	--	5 U	--	5 U	100 UR
GP11	J8GZ5	04/16/2008	NA	--	5 U	5 U	5 U	5 U	5 U	--	5 U	--	5 U	100 UR
GP12	J8H01	04/16/2008	NA	--	5 U	5 U	5 U	5 U	5 U	--	5 U	--	5 U	100 UR
GP13	J8H05	04/16/2008	NA	--	5 U	5 U	5 U	5 U	5 U	--	5 U	--	5 U	100 UR
GP14	J8H09	04/16/2008	NA	--	5 U	5 U	5 U	5 U	5 U	--	5 U	--	5 U	100 UR
GP15	J8H13	04/16/2008	NA	--	5 U	5 U	5 U	5 U	5 U	--	5 U	--	5 U	100 UR
GP16	J8H17	04/17/2008	NA	--	5 U	5 U	5 U	5 U	5 U	--	5 U	--	5 U	100 UR
GP17	J8H18	04/17/2008	NA	--	5 U	5 U	5 U	5 U	5 U	--	5 U	--	5 U	100 UR
GP18	J8H19	04/17/2008	NA	--	5 U	5 U	5 U	5 U	5 U	--	5 U	--	5 U	100 UR
GP19	J8H20	04/17/2008	NA	--	5 U	5 U	5 U	5 U	5 U	--	5 U	--	5 U	100 UR
GP20	J8H21	04/17/2008	NA	--	5 U	5 U	5 U	5 U	5 U	--	5 U	--	5 U	100 UR
GP21	J8H22	04/17/2008	NA	--	5 U	5 U	5 U	5 U	5 U	--	5 U	--	5 U	100 UR
GP22	J8H23	04/17/2008	NA	--	5 U	5 U	5 U	5 U	5 U	--	5 U	--	5 U	100 UR
GP23	J8H24	04/17/2008	NA	--	5 U	5 U	5 U	5 U	5 U	--	5 U	--	5 U	100 UR
PL1	PL1-GW	10/18/2006	12	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
PL2	PL2-GW	10/18/2006	12	5 U	25 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	--
PL3	PL3-GW	10/18/2006	12	500 U	2500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	--
PL4	PL4-GW	10/18/2006	12	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
PL5	PL5-GW	10/18/2006	12	10 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	--
PL6	PL6-GW	10/18/2006	12	1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--

Table 2-3
Historical Volatile Organic Compounds in Groundwater (ug/L)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample Name	Date	Sample Depth (feet bgs)	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane	1,2-Dichlorobenzene	1,2-Dichloroethane	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	1,4-Dioxane	
MTCA Method A Groundwater CULs				NV	NV	0.01	NV	5	NV	NV	NV	NV	NV	NV	
Downgradient Wells (Port of Ridgefield)—Deep UWBZ															
MW-29D	MW29R-102104	10/21/2004	NA	2.0 U	2.0 U	2.0 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--	
	MW29D011905	01/19/2005	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	
	MW29D042605	04/26/2005	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	
	MW29D071905	07/19/2005	NA	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	
	MW29D101805	10/18/2005	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	
	MW29D011806	01/18/2006	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	
	MW29D042606	04/26/2006	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	
	MW29D080106	08/01/2006	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	
	MW29D102406	10/24/2006	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	
	MW29D010907	01/09/2007	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	
	MW29D041007	04/10/2007	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	
	MW29D080707	08/07/2007	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	
	MW29D011008	01/10/2008	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	
	MW29D080708	08/07/2008	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	
	MW29D012109	01/20/2009	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	
	MW29D080309	08/03/2009	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	
	MW29D010710	01/07/2010	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	
	MW29D082211	08/22/2011	NA	--	--	--	--	--	--	--	--	--	--	--	
	MW29D012612	01/26/2012	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
	MW29D080812	08/08/2012	NA	--	--	--	--	--	--	--	--	--	--	--	--
MW29D081213	08/12/2013	NA	--	--	--	--	--	--	--	--	--	--	--	--	
MW29D012114	01/21/2014	NA	--	--	--	--	--	--	--	--	--	--	--	--	
MW29D072214	07/22/2014	NA	--	--	--	--	--	--	--	--	--	--	--	--	
MW29D011215	01/12/2015	NA	--	--	--	--	--	--	--	--	--	--	--	--	
MW29D081516	08/15/2016	NA	--	--	--	--	--	--	--	--	--	--	--	--	
MW-45D	MW45-072604	07/26/2004	NA	--	--	--	--	--	--	--	--	--	--	--	
	MW45-102104	10/21/2004	NA	--	--	--	--	--	--	--	--	--	--	--	
	MW45D012005	01/20/2005	NA	--	--	--	--	--	--	--	--	--	--	--	
	MW45D042705	04/26/2005	NA	--	--	--	--	--	--	--	--	--	--	--	
	MW45D042705-Dup	04/26/2005	NA	--	--	--	--	--	--	--	--	--	--	--	
	MW45D072005	07/19/2005	NA	--	--	--	--	--	--	--	--	--	--	--	
	MW45D102105	10/21/2005	NA	--	--	--	--	--	--	--	--	--	--	--	
	MW45D102105-DUP	10/21/2005	NA	--	--	--	--	--	--	--	--	--	--	--	
	MW45D011906	01/19/2006	NA	--	--	--	--	--	--	--	--	--	--	--	
	MW45D042806	04/28/2006	NA	--	--	--	--	--	--	--	--	--	--	--	
	MW45D042806-Dup	04/28/2006	NA	--	--	--	--	--	--	--	--	--	--	--	
	MW45D080306	08/03/2006	NA	--	--	--	--	--	--	--	--	--	--	--	
	MW45D080306-Dup	08/03/2006	NA	--	--	--	--	--	--	--	--	--	--	--	
	MW45D102506	10/25/2006	NA	--	--	--	--	--	--	--	--	--	--	--	
MW45D102506-Dup	10/25/2006	NA	--	--	--	--	--	--	--	--	--	--	--		

Table 2-3
Historical Volatile Organic Compounds in Groundwater (ug/L)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample Name	Date	Sample Depth (feet bgs)	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane	1,2-Dichlorobenzene	1,2-Dichloroethane	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	1,4-Dioxane
MTCA Method A Groundwater CULs				NV	NV	0.01	NV	5	NV	NV	NV	NV	NV	NV
	MW45D011007	01/10/2007	NA	--	--	--	--	--	--	--	--	--	--	--
	MW45D011007-Dup	01/10/2007	NA	--	--	--	--	--	--	--	--	--	--	--
	MW45D041107	04/11/2007	NA	--	--	--	--	--	--	--	--	--	--	--
	MW45D041107-Dup	04/11/2007	NA	--	--	--	--	--	--	--	--	--	--	--
	MW45D080807	08/08/2007	NA	--	--	--	--	--	--	--	--	--	--	--
	MW45D011108	01/11/2008	NA	--	--	--	--	--	--	--	--	--	--	--
	MW45D080808	08/08/2008	NA	--	--	--	--	--	--	--	--	--	--	--
	MW45D012209	01/20/2009	NA	--	--	--	--	--	--	--	--	--	--	--
	MW45D012209-Dup	01/20/2009	NA	--	--	--	--	--	--	--	--	--	--	--
	MW45D080409	08/04/2009	NA	--	--	--	--	--	--	--	--	--	--	--
	MW45D010710	01/07/2010	NA	--	--	--	--	--	--	--	--	--	--	--
	MW45D082411	08/24/2011	NA	--	--	--	--	--	--	--	--	--	--	--
	MW45D082411-Dup	08/24/2011	NA	--	--	--	--	--	--	--	--	--	--	--
	MW45D080812	08/08/2012	NA	--	--	--	--	--	--	--	--	--	--	--
	MW45DDUP080812	08/08/2012	NA	--	--	--	--	--	--	--	--	--	--	--
	MW-45D-20130812-GW	08/12/2013	NA	--	--	--	--	--	--	--	--	--	--	--
	MW-45D-20130812-GW-DUP	08/12/2013	NA	--	--	--	--	--	--	--	--	--	--	--
	MW45D012214	01/22/2014	NA	--	--	--	--	--	--	--	--	--	--	--
	MW45DDUP012214	01/22/2014	NA	--	--	--	--	--	--	--	--	--	--	--
	MW45D072214	07/22/2014	NA	--	--	--	--	--	--	--	--	--	--	--
MW45DDUP072214	07/22/2014	NA	--	--	--	--	--	--	--	--	--	--	--	
MW45D011415	01/14/2015	NA	--	--	--	--	--	--	--	--	--	--	--	
MW45DDUP011415	01/14/2015	NA	--	--	--	--	--	--	--	--	--	--	--	
MW45D081516	08/15/2016	NA	--	--	--	--	--	--	--	--	--	--	--	
MW45DDUP081516	08/15/2016	NA	--	--	--	--	--	--	--	--	--	--	--	
MW-46D	MW47-072704	07/27/2004	NA	--	--	--	--	--	--	--	--	--	--	--
	MW47-102104	10/21/2004	NA	--	--	--	--	--	--	--	--	--	--	--
	MW46D012005	01/20/2005	NA	--	--	--	--	--	--	--	--	--	--	--
	MW46D042705	04/26/2005	NA	--	--	--	--	--	--	--	--	--	--	--
	MW46D072005	07/19/2005	NA	--	--	--	--	--	--	--	--	--	--	--
	MW46D101905	10/19/2005	NA	--	--	--	--	--	--	--	--	--	--	--
	MW46D011906	01/19/2006	NA	--	--	--	--	--	--	--	--	--	--	--
	MW46D042706	04/27/2006	NA	--	--	--	--	--	--	--	--	--	--	--
	MW46D080306	08/03/2006	NA	--	--	--	--	--	--	--	--	--	--	--
	MW46D102506	10/25/2006	NA	--	--	--	--	--	--	--	--	--	--	--
	MW46D011107	01/11/2007	NA	--	--	--	--	--	--	--	--	--	--	--
	MW46D041107	04/11/2007	NA	--	--	--	--	--	--	--	--	--	--	--
	MW46D080807	08/08/2007	NA	--	--	--	--	--	--	--	--	--	--	--
	MW46D011108	01/11/2008	NA	--	--	--	--	--	--	--	--	--	--	--
MW46D080808	08/08/2008	NA	--	--	--	--	--	--	--	--	--	--	--	

Table 2-3
Historical Volatile Organic Compounds in Groundwater (ug/L)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample Name	Date	Sample Depth (feet bgs)	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane	1,2-Dichlorobenzene	1,2-Dichloroethane	1,2-Dichloropropane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	1,4-Dioxane
MTCA Method A Groundwater CULs				NV	NV	0.01	NV	5	NV	NV	NV	NV	NV	NV
	MW46D012309	01/20/2009	NA	--	--	--	--	--	--	--	--	--	--	--
	MW46D080409	08/04/2009	NA	--	--	--	--	--	--	--	--	--	--	--
	MW46D010810	01/08/2010	NA	--	--	--	--	--	--	--	--	--	--	--
	MW46D082211	08/22/2011	NA	--	--	--	--	--	--	--	--	--	--	--
	MW46D080812	08/08/2012	NA	--	--	--	--	--	--	--	--	--	--	--
	MW-46D-20130812-GW	08/12/2013	NA	--	--	--	--	--	--	--	--	--	--	--
	MW46D012214	01/22/2014	NA	--	--	--	--	--	--	--	--	--	--	--
	MW46D072214	07/22/2014	NA	--	--	--	--	--	--	--	--	--	--	--
	MW46D011415	01/14/2015	NA	--	--	--	--	--	--	--	--	--	--	--
MW46D081516	08/15/2016	NA	--	--	--	--	--	--	--	--	--	--	--	
MW-47D	MW50-072604	07/26/2004	NA	2.0 U	2.0 U	2.0 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--
	MW50-102104	10/21/2004	NA	2.0 U	2.0 U	2.0 U	0.50 U	0.50 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	--
	MW47D011905	01/19/2005	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
	MW47D042605	04/26/2005	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
	MW47D071905	07/19/2005	NA	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--
	MW47D101805	10/18/2005	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
	MW47D011806	01/18/2006	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
	MW47D042606	04/26/2006	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
	MW47D080106	08/01/2006	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
	MW47D102406	10/24/2006	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
	MW47D010907	01/09/2007	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
	MW47D041007	04/10/2007	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
	MW47D080707	08/07/2007	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
	MW47D011008	01/10/2008	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
	MW47D080708	08/07/2008	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
	MW47D012109	01/20/2009	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
	MW47D080309	08/03/2009	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
	MW47D010710	01/07/2010	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
	MW47D082211	08/22/2011	NA	--	--	--	--	--	--	--	--	--	--	--
	MW47D012612	01/26/2012	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--
MW47D080812	08/08/2012	NA	--	--	--	--	--	--	--	--	--	--	--	
MW47D081213	08/12/2013	NA	--	--	--	--	--	--	--	--	--	--	--	
MW47D012114	01/21/2014	NA	--	--	--	--	--	--	--	--	--	--	--	
MW47D072214	07/22/2014	NA	--	--	--	--	--	--	--	--	--	--	--	
MW47D011215	01/12/2015	NA	--	--	--	--	--	--	--	--	--	--	--	
MW47D081516	08/15/2016	NA	--	--	--	--	--	--	--	--	--	--	--	

Table 2-3
Historical Volatile Organic Compounds in Groundwater (ug/L)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample Name	Date	Sample Depth (feet bgs)	2,2-Dichloro-propane	2-Chloro-toluene	2-Hexanone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Benzene	Bromo-benzene	Bromo-dichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide
MTCA Method A Groundwater CULs				NV	NV	NV	NV	NV	NV	NV	5	NV	NV	NV	NV	NV
B1	7032-060711-100	07/11/2006	13.5	50 U	50 U	500 U	50 U	100 U	250 U	1250 U	50 U	50 U	50 U	50 U	250 U	500 U
B2	7032-060711-102	07/11/2006	13	2 U	2 U	20 U	2 U	4 U	10 U	50 U	2 U	2 U	2 U	2 U	10 U	20 U
B3	7032-060711-103	07/11/2006	13.5	50 U	50 U	500 U	50 U	100 U	250 U	1250 U	50 U	50 U	50 U	50 U	250 U	500 U
B4	7032-060711-104	07/11/2006	13.5	1 U	1 U	10 U	1 U	2 U	5 U	25 U	1 U	1 U	1 U	1 U	5 U	10 U
BG01	J8GS6	04/17/2008	NA	--	--	10 U	--	--	10 U	10 U	5 U	--	5 U	5 U	5 U	5 U
GP-1	GP1W	11/01/2001	12.0	--	--	--	--	--	--	--	--	--	--	--	--	--
GP-2	GP2W	11/01/2001	12.0	--	--	--	--	--	--	--	--	--	--	--	--	--
GP-3	WP3W	11/01/2001	12.0	--	--	--	--	--	--	--	--	--	--	--	--	--
GP01	J8GT5	04/17/2008	NA	--	--	10 U	--	--	10 U	10 U	5 U	--	5 U	5 U	5 U	5 U
GP02	J8GT9	04/17/2008	NA	--	--	10 U	--	--	10 U	10 U	5 U	--	5 U	5 U	5 U	5 U
GP03	J8GW1	04/17/2008	NA	--	--	10 U	--	--	10 U	10 U	5 U	--	5 U	5 U	5 U	5 U
GP04	J8GW5	04/16/2008	NA	--	--	10 U	--	--	10 U	10 U	5 U	--	5 U	5 U	5 U	5 U
GP05	J8GW9	04/16/2008	NA	--	--	10 U	--	--	10 U	10 U	5 U	--	5 U	5 U	5 U	5 U
GP06	J8GX3	04/16/2008	NA	--	--	10 U	--	--	10 U	10 U	5 U	--	5 U	5 U	5 U	5 U
GP07	J8GX7	04/16/2008	NA	--	--	10 U	--	--	10 U	10 U	5 U	--	5 U	5 U	5 U	5 U
GP08	J8GY3	04/16/2008	NA	--	--	10 U	--	--	10 U	10 U	5 U	--	5 U	5 U	5 U	5 U
GP09	J8GY7	04/16/2008	NA	--	--	10 U	--	--	10 U	10 U	5 U	--	5 U	5 U	5 U	5 U
GP10	J8GZ1	04/16/2008	NA	--	--	10 U	--	--	10 U	10 U	5 U	--	5 U	5 U	5 U	5 U
GP11	J8GZ5	04/16/2008	NA	--	--	10 U	--	--	10 U	10 U	5 U	--	5 U	5 U	5 U	5 U
GP12	J8H01	04/16/2008	NA	--	--	10 U	--	--	10 U	10 U	5 U	--	5 U	5 U	5 U	5 U
GP13	J8H05	04/16/2008	NA	--	--	10 U	--	--	10 U	10 U	5 U	--	5 U	5 U	5 U	5 U
GP14	J8H09	04/16/2008	NA	--	--	10 U	--	--	10 U	10 U	5 U	--	5 U	5 U	5 U	5 U
GP15	J8H13	04/16/2008	NA	--	--	10 U	--	--	10 U	10 U	5 U	--	5 U	5 U	5 U	5 U
GP16	J8H17	04/17/2008	NA	--	--	10 U	--	--	10 U	10 U	5 U	--	5 U	5 U	5 U	5 U
GP17	J8H18	04/17/2008	NA	--	--	10 U	--	--	10 U	10 U	5 U	--	5 U	5 U	5 U	5 U
GP18	J8H19	04/17/2008	NA	--	--	10 U	--	--	10 U	10 U	5 U	--	5 U	5 U	5 U	5 U
GP19	J8H20	04/17/2008	NA	--	--	10 U	--	--	10 U	10 U	5 U	--	5 U	5 U	5 U	5 U
GP20	J8H21	04/17/2008	NA	--	--	10 U	--	--	10 U	10 U	5 U	--	5 U	5 U	5 U	5 U
GP21	J8H22	04/17/2008	NA	--	--	10 U	--	--	10 U	10 U	5 U	--	5 U	5 U	5 U	5 U
GP22	J8H23	04/17/2008	NA	--	--	10 U	--	--	10 U	10 U	5 U	--	5 U	5 U	5 U	5 U
GP23	J8H24	04/17/2008	NA	--	--	10 U	--	--	10 U	10 U	5 U	--	5 U	5 U	5 U	5 U
PL1	PL1-GW	10/18/2006	12	1 U	1 U	10 U	1 U	5.32	5 U	25 U	1 U	1 U	1 U	1 U	5 U	10 U
PL2	PL2-GW	10/18/2006	12	5 U	5 U	50 U	5 U	10 U	25 U	125 U	5 U	5 U	5 U	5 U	25 U	50 U
PL3	PL3-GW	10/18/2006	12	500 U	500 U	5000 U	500 U	1000 U	2500 U	12500 U	500 U	500 U	500 U	500 U	2500 U	5000 U
PL4	PL4-GW	10/18/2006	12	1 U	1 U	10 U	1 U	2 U	5 U	25 U	1 U	1 U	1 U	1 U	5 U	10 U
PL5	PL5-GW	10/18/2006	12	10 U	10 U	100 U	10 U	20 U	50 U	250 U	10 U	10 U	10 U	10 U	50 U	100 U
PL6	PL6-GW	10/18/2006	12	1 U	1 U	10 U	1 U	2 U	5 U	25 U	1 U	1 U	1 U	1 U	5 U	10 U

Table 2-3
Historical Volatile Organic Compounds in Groundwater (ug/L)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample Name	Date	Sample Depth (feet bgs)	2,2-Dichloro-propane	2-Chloro-toluene	2-Hexanone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Benzene	Bromo-benzene	Bromo-dichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide
MTC A Method A Groundwater CULs				NV	NV	NV	NV	NV	NV	NV	5	NV	NV	NV	NV	NV
Downgradient Wells (Port of Ridgefield)—Deep UWBZ																
MW-29D	MW29R-102104	10/21/2004	NA	0.50 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U
	MW29D011905	01/19/2005	NA	1 U	1 U	--	1 U	1 U	--	--	1 U	1 U	1 U	1 U	1 U	--
	MW29D042605	04/26/2005	NA	1 U	1 U	--	1 U	1 U	--	--	1 U	1 U	1 U	1 U	1 U	--
	MW29D071905	07/19/2005	NA	1 UJ	1 UJ	--	1 UJ	1 UJ	--	--	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--
	MW29D101805	10/18/2005	NA	1 U	1 U	10 U	1 U	1 U	20 U	50 U	0.3 U	1 U	1 U	1 U	1 U	--
	MW29D011806	01/18/2006	NA	1 U	1 U	10 U	1 U	1 U	20 U	50 U	0.3 U	1 U	1 U	1 U	1 U	2 U
	MW29D042606	04/26/2006	NA	1 U	1 U	10 U	1 U	1 U	20 U	50 U	0.3 U	1 U	1 U	1 U	1 U	2 U
	MW29D080106	08/01/2006	NA	1 U	1 U	10 U	1 U	1 U	20 U	50 U	0.3 U	1 U	1 U	1 U	1 U	2 U
	MW29D102406	10/24/2006	NA	1 U	1 U	10 U	1 U	1 U	20 U	50 U	0.3 U	1 U	1 U	1 U	1 U	2 U
	MW29D010907	01/09/2007	NA	1 U	1 U	10 U	1 U	1 U	20 U	50 U	0.3 U	1 U	1 U	1 U	1 U	2 U
	MW29D041007	04/10/2007	NA	1 U	1 U	10 U	1 U	1 U	20 U	50 U	0.3 U	1 U	1 U	1 U	1 U	2 U
	MW29D080707	08/07/2007	NA	1 U	1 U	10 U	1 U	1 U	20 U	50 U	0.3 U	1 U	1 U	1 U	1 U	2 U
	MW29D011008	01/10/2008	NA	1 U	1 U	10 U	1 U	1 U	20 U	50 U	0.3 U	1 U	1 U	1 U	1 U	2 U
	MW29D080708	08/07/2008	NA	1 U	1 U	10 U	1 U	1 U	20 U	50 U	0.3 U	1 U	1 U	1 U	1 U	2 U
	MW29D012109	01/20/2009	NA	1 U	1 U	10 U	1 U	1 U	20 U	50 U	0.3 U	1 U	1 U	1 U	1 U	2 U
	MW29D080309	08/03/2009	NA	1 U	1 U	10 U	1 U	1 U	20 U	50 U	0.3 U	1 U	1 U	1 U	1 U	2 U
	MW29D010710	01/07/2010	NA	1 U	1 U	10 U	1 U	1 U	20 U	50 U	0.3 U	1 U	1 U	1 U	1 U	2 U
	MW29D082211	08/22/2011	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW29D012612	01/26/2012	NA	1 U	1 U	10 U	1 U	1 U	20 U	50 U	0.3 U	1 U	1 U	1 U	1 U	2 U
	MW29D080812	08/08/2012	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
MW29D081213	08/12/2013	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW29D012114	01/21/2014	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW29D072214	07/22/2014	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW29D011215	01/12/2015	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW29D081516	08/15/2016	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-45D	MW45-072604	07/26/2004	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45-102104	10/21/2004	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45D012005	01/20/2005	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45D042705	04/26/2005	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45D042705-Dup	04/26/2005	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45D072005	07/19/2005	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45D102105	10/21/2005	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45D102105-DUP	10/21/2005	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45D011906	01/19/2006	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45D042806	04/28/2006	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45D042806-Dup	04/28/2006	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45D080306	08/03/2006	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45D080306-Dup	08/03/2006	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45D102506	10/25/2006	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
MW45D102506-Dup	10/25/2006	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2-3
Historical Volatile Organic Compounds in Groundwater (ug/L)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample Name	Date	Sample Depth (feet bgs)	2,2-Dichloro-propane	2-Chloro-toluene	2-Hexanone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Benzene	Bromo-benzene	Bromo-dichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide
MTC A Method A Groundwater CULs				NV	NV	NV	NV	NV	NV	NV	5	NV	NV	NV	NV	NV
	MW45D011007	01/10/2007	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45D011007-Dup	01/10/2007	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45D041107	04/11/2007	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45D041107-Dup	04/11/2007	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45D080807	08/08/2007	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45D011108	01/11/2008	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45D080808	08/08/2008	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45D012209	01/20/2009	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45D012209-Dup	01/20/2009	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45D080409	08/04/2009	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45D010710	01/07/2010	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45D082411	08/24/2011	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45D082411-Dup	08/24/2011	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45D080812	08/08/2012	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45DDUP080812	08/08/2012	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW-45D-20130812-GW	08/12/2013	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW-45D-20130812-GW-DUP	08/12/2013	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45D012214	01/22/2014	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45DDUP012214	01/22/2014	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45D072214	07/22/2014	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
MW45DDUP072214	07/22/2014	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW45D011415	01/14/2015	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW45DDUP011415	01/14/2015	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW45D081516	08/15/2016	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW45DDUP081516	08/15/2016	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-46D	MW47-072704	07/27/2004	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW47-102104	10/21/2004	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW46D012005	01/20/2005	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW46D042705	04/26/2005	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW46D072005	07/19/2005	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW46D101905	10/19/2005	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW46D011906	01/19/2006	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW46D042706	04/27/2006	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW46D080306	08/03/2006	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW46D102506	10/25/2006	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW46D011107	01/11/2007	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW46D041107	04/11/2007	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW46D080807	08/08/2007	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW46D011108	01/11/2008	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
MW46D080808	08/08/2008	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2-3
Historical Volatile Organic Compounds in Groundwater (ug/L)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample Name	Date	Sample Depth (feet bgs)	2,2-Dichloro-propane	2-Chloro-toluene	2-Hexanone	4-Chloro-toluene	4-Isopropyl-toluene	4-Methyl-2-pentanone	Acetone	Benzene	Bromo-benzene	Bromo-dichloro-methane	Bromo-form	Bromo-methane	Carbon disulfide	
MTC A Method A Groundwater CULs				NV	NV	NV	NV	NV	NV	NV	5	NV	NV	NV	NV	NV	
	MW46D012309	01/20/2009	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
	MW46D080409	08/04/2009	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
	MW46D010810	01/08/2010	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
	MW46D082211	08/22/2011	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
	MW46D080812	08/08/2012	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
	MW-46D-20130812-GW	08/12/2013	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
	MW46D012214	01/22/2014	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
	MW46D072214	07/22/2014	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
	MW46D011415	01/14/2015	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW46D081516	08/15/2016	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-47D	MW50-072604	07/26/2004	NA	--	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	
	MW50-102104	10/21/2004	NA	0.50 U	2.0 U	20 U	2.0 U	2.0 U	20 U	20 U	0.50 U	2.0 U	0.50 U	0.50 U	0.50 U	0.50 U	
	MW47D011905	01/19/2005	NA	1 U	1 U	--	1 U	1 U	--	--	1 U	1 U	1 U	1 U	1 U	--	
	MW47D042605	04/26/2005	NA	1 U	1 U	--	1 U	1 U	--	--	1 U	1 U	1 U	1 U	1 U	1 U	--
	MW47D071905	07/19/2005	NA	1 UJ	1 UJ	--	1 UJ	1 UJ	--	--	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--
	MW47D101805	10/18/2005	NA	1 U	1 U	10 U	1 U	1 U	20 U	50 U	0.3 U	1 U	1 U	1 U	1 U	1 U	--
	MW47D011806	01/18/2006	NA	1 U	1 U	10 U	1 U	1 U	20 U	50 U	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U
	MW47D042606	04/26/2006	NA	1 U	1 U	10 U	1 U	1 U	20 U	50 U	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U
	MW47D080106	08/01/2006	NA	1 U	1 U	10 U	1 U	1 U	20 U	50 U	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U
	MW47D102406	10/24/2006	NA	1 U	1 U	10 U	1 U	1 U	20 U	50 U	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U
	MW47D010907	01/09/2007	NA	1 U	1 U	10 U	1 U	1 U	20 U	50 U	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U
	MW47D041007	04/10/2007	NA	1 U	1 U	10 U	1 U	1 U	20 U	50 U	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U
	MW47D080707	08/07/2007	NA	1 U	1 U	10 U	1 U	1 U	20 U	50 U	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U
	MW47D011008	01/10/2008	NA	1 U	1 U	10 U	1 U	1 U	20 U	50 U	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U
	MW47D080708	08/07/2008	NA	1 U	1 U	10 U	1 U	1 U	20 U	50 U	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U
	MW47D012109	01/20/2009	NA	1 U	1 U	10 U	1 U	1 U	20 U	50 U	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U
	MW47D080309	08/03/2009	NA	1 U	1 U	10 U	1 U	1 U	20 U	50 U	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U
	MW47D010710	01/07/2010	NA	1 U	1 U	10 U	1 U	1 U	20 U	50 U	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U
	MW47D082211	08/22/2011	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW47D012612	01/26/2012	NA	1 U	1 U	10 U	1 U	1 U	20 U	50 U	0.3 U	1 U	1 U	1 U	1 U	1 U	2 U
	MW47D080812	08/08/2012	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW47D081213	08/12/2013	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW47D012114	01/21/2014	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW47D072214	07/22/2014	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW47D011215	01/12/2015	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW47D081516	08/15/2016	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--	

Table 2-3
Historical Volatile Organic Compounds in Groundwater (ug/L)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample Name	Date	Sample Depth (feet bgs)	Carbon tetrachloride	Chloro-benzene	Chloro-bromo-methane	Chloro-ethane	Chloroform	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Cyclo-hexane	Dibromo-chloro-methane	Dibromo-methane
MTCA Method A Groundwater CULs				NV	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV
B1	7032-060711-100	07/11/2006	13.5	50 U	50 U	50 U	50 U	50 U	250 U	50 U	50 U	--	50 U	50 U
B2	7032-060711-102	07/11/2006	13	2 U	2 U	2 U	2 U	2 U	10 U	2 U	2 U	--	2 U	2 U
B3	7032-060711-103	07/11/2006	13.5	50 U	50 U	50 U	50 U	50 U	250 U	50 U	50 U	--	50 U	50 U
B4	7032-060711-104	07/11/2006	13.5	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	--	1 U	1 U
BG01	J8GS6	04/17/2008	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	--
GP-1	GP1W	11/01/2001	12.0	--	--	--	--	--	--	--	--	--	--	--
GP-2	GP2W	11/01/2001	12.0	--	--	--	--	--	--	--	--	--	--	--
GP-3	WP3W	11/01/2001	12.0	--	--	--	--	--	--	--	--	--	--	--
GP01	J8GT5	04/17/2008	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	--
GP02	J8GT9	04/17/2008	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	--
GP03	J8GW1	04/17/2008	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	--
GP04	J8GW5	04/16/2008	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	--
GP05	J8GW9	04/16/2008	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	--
GP06	J8GX3	04/16/2008	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	--
GP07	J8GX7	04/16/2008	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	--
GP08	J8GY3	04/16/2008	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	--
GP09	J8GY7	04/16/2008	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	--
GP10	J8GZ1	04/16/2008	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	--
GP11	J8GZ5	04/16/2008	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	--
GP12	J8H01	04/16/2008	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	--
GP13	J8H05	04/16/2008	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	--
GP14	J8H09	04/16/2008	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	--
GP15	J8H13	04/16/2008	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	--
GP16	J8H17	04/17/2008	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	--
GP17	J8H18	04/17/2008	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	--
GP18	J8H19	04/17/2008	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	3.4 J	5 U	--
GP19	J8H20	04/17/2008	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	--
GP20	J8H21	04/17/2008	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	--
GP21	J8H22	04/17/2008	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	--
GP22	J8H23	04/17/2008	NA	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	--
GP23	J8H24	04/17/2008	NA	5 U	5 U	5 U	5 U	2.8 J	5 U	5 U	5 U	5 U	5 U	--
PL1	PL1-GW	10/18/2006	12	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	--	1 U	1 U
PL2	PL2-GW	10/18/2006	12	5 U	5 U	5 U	5 U	5 U	25 U	5 U	5 U	--	5 U	5 U
PL3	PL3-GW	10/18/2006	12	500 U	500 U	500 U	500 U	500 U	2500 U	500 U	500 U	--	500 U	500 U
PL4	PL4-GW	10/18/2006	12	1 U	1 U	1 U	1 U	1 U	5 U	1.72	1 U	--	1 U	1 U
PL5	PL5-GW	10/18/2006	12	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	--	10 U	10 U
PL6	PL6-GW	10/18/2006	12	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	--	1 U	1 U

Table 2-3
Historical Volatile Organic Compounds in Groundwater (ug/L)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample Name	Date	Sample Depth (feet bgs)	Carbon tetrachloride	Chloro-benzene	Chloro-bromo-methane	Chloro-ethane	Chloroform	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Cyclo-hexane	Dibromo-chloro-methane	Dibromo-methane
MTCMA Method A Groundwater CULs				NV	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV
Downgradient Wells (Port of Ridgefield)—Deep UWBZ														
MW-29D	MW29R-102104	10/21/2004	NA	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	MW29D011905	01/19/2005	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	MW29D042605	04/26/2005	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	MW29D071905	07/19/2005	NA	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	1 UJ	1 UJ
	MW29D101805	10/18/2005	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	MW29D011806	01/18/2006	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	MW29D042606	04/26/2006	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	MW29D080106	08/01/2006	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	MW29D102406	10/24/2006	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	MW29D010907	01/09/2007	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	MW29D041007	04/10/2007	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	MW29D080707	08/07/2007	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	MW29D011008	01/10/2008	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	MW29D080708	08/07/2008	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	MW29D012109	01/20/2009	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	MW29D080309	08/03/2009	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	MW29D010710	01/07/2010	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	MW29D082211	08/22/2011	NA	--	--	--	--	--	--	--	--	--	--	--
	MW29D012612	01/26/2012	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	MW29D080812	08/08/2012	NA	--	--	--	--	--	--	--	--	--	--	--
MW29D081213	08/12/2013	NA	--	--	--	--	--	--	--	--	--	--	--	
MW29D012114	01/21/2014	NA	--	--	--	--	--	--	--	--	--	--	--	
MW29D072214	07/22/2014	NA	--	--	--	--	--	--	--	--	--	--	--	
MW29D011215	01/12/2015	NA	--	--	--	--	--	--	--	--	--	--	--	
MW29D081516	08/15/2016	NA	--	--	--	--	--	--	--	--	--	--	--	
MW-45D	MW45-072604	07/26/2004	NA	--	--	--	--	--	--	--	--	--	--	--
	MW45-102104	10/21/2004	NA	--	--	--	--	--	--	--	--	--	--	--
	MW45D012005	01/20/2005	NA	--	--	--	--	--	--	--	--	--	--	--
	MW45D042705	04/26/2005	NA	--	--	--	--	--	--	--	--	--	--	--
	MW45D042705-Dup	04/26/2005	NA	--	--	--	--	--	--	--	--	--	--	--
	MW45D072005	07/19/2005	NA	--	--	--	--	--	--	--	--	--	--	--
	MW45D102105	10/21/2005	NA	--	--	--	--	--	--	--	--	--	--	--
	MW45D102105-DUP	10/21/2005	NA	--	--	--	--	--	--	--	--	--	--	--
	MW45D011906	01/19/2006	NA	--	--	--	--	--	--	--	--	--	--	--
	MW45D042806	04/28/2006	NA	--	--	--	--	--	--	--	--	--	--	--
	MW45D042806-Dup	04/28/2006	NA	--	--	--	--	--	--	--	--	--	--	--
	MW45D080306	08/03/2006	NA	--	--	--	--	--	--	--	--	--	--	--
	MW45D080306-Dup	08/03/2006	NA	--	--	--	--	--	--	--	--	--	--	--
	MW45D102506	10/25/2006	NA	--	--	--	--	--	--	--	--	--	--	--
MW45D102506-Dup	10/25/2006	NA	--	--	--	--	--	--	--	--	--	--	--	

Table 2-3
Historical Volatile Organic Compounds in Groundwater (ug/L)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample Name	Date	Sample Depth (feet bgs)	Carbon tetrachloride	Chloro-benzene	Chloro-bromo-methane	Chloro-ethane	Chloroform	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Cyclo-hexane	Dibromo-chloro-methane	Dibromo-methane
MTCA Method A Groundwater CULs				NV	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV
	MW45D011007	01/10/2007	NA	--	--	--	--	--	--	--	--	--	--	--
	MW45D011007-Dup	01/10/2007	NA	--	--	--	--	--	--	--	--	--	--	--
	MW45D041107	04/11/2007	NA	--	--	--	--	--	--	--	--	--	--	--
	MW45D041107-Dup	04/11/2007	NA	--	--	--	--	--	--	--	--	--	--	--
	MW45D080807	08/08/2007	NA	--	--	--	--	--	--	--	--	--	--	--
	MW45D011108	01/11/2008	NA	--	--	--	--	--	--	--	--	--	--	--
	MW45D080808	08/08/2008	NA	--	--	--	--	--	--	--	--	--	--	--
	MW45D012209	01/20/2009	NA	--	--	--	--	--	--	--	--	--	--	--
	MW45D012209-Dup	01/20/2009	NA	--	--	--	--	--	--	--	--	--	--	--
	MW45D080409	08/04/2009	NA	--	--	--	--	--	--	--	--	--	--	--
	MW45D010710	01/07/2010	NA	--	--	--	--	--	--	--	--	--	--	--
	MW45D082411	08/24/2011	NA	--	--	--	--	--	--	--	--	--	--	--
	MW45D082411-Dup	08/24/2011	NA	--	--	--	--	--	--	--	--	--	--	--
	MW45D080812	08/08/2012	NA	--	--	--	--	--	--	--	--	--	--	--
	MW45DDUP080812	08/08/2012	NA	--	--	--	--	--	--	--	--	--	--	--
	MW-45D-20130812-GW	08/12/2013	NA	--	--	--	--	--	--	--	--	--	--	--
	MW-45D-20130812-GW-DUP	08/12/2013	NA	--	--	--	--	--	--	--	--	--	--	--
	MW45D012214	01/22/2014	NA	--	--	--	--	--	--	--	--	--	--	--
	MW45DDUP012214	01/22/2014	NA	--	--	--	--	--	--	--	--	--	--	--
	MW45D072214	07/22/2014	NA	--	--	--	--	--	--	--	--	--	--	--
	MW45DDUP072214	07/22/2014	NA	--	--	--	--	--	--	--	--	--	--	--
	MW45D011415	01/14/2015	NA	--	--	--	--	--	--	--	--	--	--	--
	MW45DDUP011415	01/14/2015	NA	--	--	--	--	--	--	--	--	--	--	--
MW45D081516	08/15/2016	NA	--	--	--	--	--	--	--	--	--	--	--	
MW45DDUP081516	08/15/2016	NA	--	--	--	--	--	--	--	--	--	--	--	
MW-46D	MW47-072704	07/27/2004	NA	--	--	--	--	--	--	--	--	--	--	--
	MW47-102104	10/21/2004	NA	--	--	--	--	--	--	--	--	--	--	--
	MW46D012005	01/20/2005	NA	--	--	--	--	--	--	--	--	--	--	--
	MW46D042705	04/26/2005	NA	--	--	--	--	--	--	--	--	--	--	--
	MW46D072005	07/19/2005	NA	--	--	--	--	--	--	--	--	--	--	--
	MW46D101905	10/19/2005	NA	--	--	--	--	--	--	--	--	--	--	--
	MW46D011906	01/19/2006	NA	--	--	--	--	--	--	--	--	--	--	--
	MW46D042706	04/27/2006	NA	--	--	--	--	--	--	--	--	--	--	--
	MW46D080306	08/03/2006	NA	--	--	--	--	--	--	--	--	--	--	--
	MW46D102506	10/25/2006	NA	--	--	--	--	--	--	--	--	--	--	--
	MW46D011107	01/11/2007	NA	--	--	--	--	--	--	--	--	--	--	--
	MW46D041107	04/11/2007	NA	--	--	--	--	--	--	--	--	--	--	--
	MW46D080807	08/08/2007	NA	--	--	--	--	--	--	--	--	--	--	--
	MW46D011108	01/11/2008	NA	--	--	--	--	--	--	--	--	--	--	--
MW46D080808	08/08/2008	NA	--	--	--	--	--	--	--	--	--	--	--	

Table 2-3
Historical Volatile Organic Compounds in Groundwater (ug/L)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample Name	Date	Sample Depth (feet bgs)	Carbon tetrachloride	Chloro-benzene	Chloro-bromo-methane	Chloro-ethane	Chloroform	Chloro-methane	cis-1,2-Dichloro-ethene	cis-1,3-Dichloro-propene	Cyclo-hexane	Dibromo-chloro-methane	Dibromo-methane
MTCA Method A Groundwater CULs				NV	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV
	MW46D012309	01/20/2009	NA	--	--	--	--	--	--	--	--	--	--	--
	MW46D080409	08/04/2009	NA	--	--	--	--	--	--	--	--	--	--	--
	MW46D010810	01/08/2010	NA	--	--	--	--	--	--	--	--	--	--	--
	MW46D082211	08/22/2011	NA	--	--	--	--	--	--	--	--	--	--	--
	MW46D080812	08/08/2012	NA	--	--	--	--	--	--	--	--	--	--	--
	MW-46D-20130812-GW	08/12/2013	NA	--	--	--	--	--	--	--	--	--	--	--
	MW46D012214	01/22/2014	NA	--	--	--	--	--	--	--	--	--	--	--
	MW46D072214	07/22/2014	NA	--	--	--	--	--	--	--	--	--	--	--
	MW46D011415	01/14/2015	NA	--	--	--	--	--	--	--	--	--	--	--
MW46D081516	08/15/2016	NA	--	--	--	--	--	--	--	--	--	--	--	
MW-47D	MW50-072604	07/26/2004	NA	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	MW50-102104	10/21/2004	NA	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	--	0.50 U	0.50 U
	MW47D011905	01/19/2005	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	MW47D042605	04/26/2005	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	MW47D071905	07/19/2005	NA	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	--	1 UJ	1 UJ
	MW47D101805	10/18/2005	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	MW47D011806	01/18/2006	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	MW47D042606	04/26/2006	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	MW47D080106	08/01/2006	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	MW47D102406	10/24/2006	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	MW47D010907	01/09/2007	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	MW47D041007	04/10/2007	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	MW47D080707	08/07/2007	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	MW47D011008	01/10/2008	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	MW47D080708	08/07/2008	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	MW47D012109	01/20/2009	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	MW47D080309	08/03/2009	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	MW47D010710	01/07/2010	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	MW47D082211	08/22/2011	NA	--	--	--	--	--	--	--	--	--	--	--
	MW47D012612	01/26/2012	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	1 U	1 U
	MW47D080812	08/08/2012	NA	--	--	--	--	--	--	--	--	--	--	--
	MW47D081213	08/12/2013	NA	--	--	--	--	--	--	--	--	--	--	--
	MW47D012114	01/21/2014	NA	--	--	--	--	--	--	--	--	--	--	--
MW47D072214	07/22/2014	NA	--	--	--	--	--	--	--	--	--	--	--	
MW47D011215	01/12/2015	NA	--	--	--	--	--	--	--	--	--	--	--	
MW47D081516	08/15/2016	NA	--	--	--	--	--	--	--	--	--	--	--	

Table 2-3
Historical Volatile Organic Compounds in Groundwater (ug/L)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample Name	Date	Sample Depth (feet bgs)	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl Acetate	Methyl ethyl ketone	Methyl tert-butyl ether	Methyl-cyclo-hexane	Methylene chloride	Naphthalene	n-Butyl-benzene
MTC A Method A Groundwater CULs				NV	700	NV	NV	NV	1,000 ^a	NV	NV	20	NV	5	160	NV
B1	7032-060711-100	07/11/2006	13.5	250 U	50 U	--	200 U	100 U	100 U	--	500 U	50 U	--	250 U	100 U	250 U
B2	7032-060711-102	07/11/2006	13	10 U	2 U	--	8 U	4 U	4 U	--	20 U	2 U	--	10 U	4 U	10 U
B3	7032-060711-103	07/11/2006	13.5	250 U	50 U	--	200 U	100 U	100 U	--	500 U	50 U	--	250 U	100 U	250 U
B4	7032-060711-104	07/11/2006	13.5	5 U	1 U	--	4 U	2 U	2 U	--	10 U	1 U	--	5 U	2 U	5 U
BG01	J8GS6	04/17/2008	NA	5 U	5 U	5 U	--	5 U	5 U	5 U	10 U	5 U	5 U	5 U	--	--
GP-1	GP1W	11/01/2001	12.0	--	--	--	--	--	--	--	--	--	--	--	--	--
GP-2	GP2W	11/01/2001	12.0	--	--	--	--	--	--	--	--	--	--	--	--	--
GP-3	WP3W	11/01/2001	12.0	--	--	--	--	--	--	--	--	--	--	--	--	--
GP01	J8GT5	04/17/2008	NA	5 U	5 U	5 U	--	5 U	5 U	5 U	10 U	5 U	5 U	5 U	--	--
GP02	J8GT9	04/17/2008	NA	5 U	5 U	5 U	--	5 U	5 U	5 U	10 U	5 U	5 U	5 U	--	--
GP03	J8GW1	04/17/2008	NA	5 U	5 U	5 U	--	5 U	5 U	5 U	10 U	5 U	5 U	5 U	--	--
GP04	J8GW5	04/16/2008	NA	5 U	5 U	5 U	--	5 U	5 U	5 U	10 U	5 U	5 U	5 U	--	--
GP05	J8GW9	04/16/2008	NA	5 U	5 U	5 U	--	5 U	5 U	5 U	10 U	5 U	5 U	5 U	--	--
GP06	J8GX3	04/16/2008	NA	5 U	5 U	5 U	--	5 U	5 U	5 U	10 U	5 U	5 U	5 U	--	--
GP07	J8GX7	04/16/2008	NA	5 U	5 U	5 U	--	5 U	5 U	5 U	10 U	5 U	5 U	5 U	--	--
GP08	J8GY3	04/16/2008	NA	5 U	5 U	5 U	--	5 U	5 U	5 U	10 U	5 U	5 U	5 U	--	--
GP09	J8GY7	04/16/2008	NA	5 U	5 U	5 U	--	5 U	5 U	5 U	10 U	5 U	5 U	5 U	--	--
GP10	J8GZ1	04/16/2008	NA	5 U	5 U	5 U	--	5 U	5 U	5 U	10 U	5 U	5 U	5 U	--	--
GP11	J8GZ5	04/16/2008	NA	5 U	5 U	5 U	--	5 U	5 U	5 U	10 U	5 U	5 U	5 U	--	--
GP12	J8H01	04/16/2008	NA	5 U	5 U	5 U	--	5 U	5 U	5 U	10 U	5 U	5 U	5 U	--	--
GP13	J8H05	04/16/2008	NA	5 U	5 U	5 U	--	5 U	5 U	5 U	10 U	5 U	5 U	5 U	--	--
GP14	J8H09	04/16/2008	NA	5 U	5 U	5 U	--	5 U	5 U	5 U	10 U	5 U	5 U	5 U	--	--
GP15	J8H13	04/16/2008	NA	5 U	5 U	5 U	--	5 U	5 U	5 U	10 U	5 U	5 U	5 U	--	--
GP16	J8H17	04/17/2008	NA	5 U	5 U	5 U	--	5 U	5 U	5 U	10 U	5 U	5 U	5 U	--	--
GP17	J8H18	04/17/2008	NA	5 U	5 U	5 U	--	5 U	5 U	5 U	10 U	5 U	5 U	5 U	--	--
GP18	J8H19	04/17/2008	NA	5 U	5 U	5 U	--	5 U	5 U	5 U	10 U	5 U	5 U	5 U	--	--
GP19	J8H20	04/17/2008	NA	5 U	5 U	5 U	--	5 U	5 U	5 U	10 U	5 U	5 U	5 U	--	--
GP20	J8H21	04/17/2008	NA	5 U	5 U	5 U	--	5 U	5 U	5 U	10 U	5 U	5 U	5 U	--	--
GP21	J8H22	04/17/2008	NA	5 U	5 U	5 U	--	5 U	5 U	5 U	10 U	5 U	5 U	5 U	--	--
GP22	J8H23	04/17/2008	NA	5 U	5 U	5 U	--	5 U	5 U	5 U	10 U	5 U	5 U	5 U	--	--
GP23	J8H24	04/17/2008	NA	5 U	5 U	5 U	--	5 U	5 U	5 U	10 U	5 U	5 U	5 U	--	--
PL1	PL1-GW	10/18/2006	12	5 U	1 U	--	4 U	2 U	2 U	--	10 U	1 U	--	5 U	2 U	5 U
PL2	PL2-GW	10/18/2006	12	25 U	5 U	--	10 U	10 U	10 U	--	50 U	5 U	--	25 U	10 U	25 U
PL3	PL3-GW	10/18/2006	12	2500 U	500 U	--	1000 U	1000 U	1000 U	--	5000 U	500 U	--	2500 U	1000 U	2500 U
PL4	PL4-GW	10/18/2006	12	5 U	1 U	--	4 U	2 U	2 U	--	10 U	1 U	--	5 U	2 U	5 U
PL5	PL5-GW	10/18/2006	12	50 U	10 U	--	20 U	20 U	20 U	--	100 U	10 U	--	50 U	20 U	50 U
PL6	PL6-GW	10/18/2006	12	5 U	1 U	--	4 U	2 U	2 U	--	10 U	1 U	--	5 U	2 U	5 U

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Historical Volatile Organic Compounds in Groundwater (ug/L)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample Name	Date	Sample Depth (feet bgs)	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl Acetate	Methyl ethyl ketone	Methyl tert-butyl ether	Methyl-cyclo-hexane	Methylene chloride	Naphthalene	n-Butyl-benzene
MTC A Method A Groundwater CULs				NV	700	NV	NV	NV	1,000 ^a	NV	NV	20	NV	5	160	NV
Downgradient Wells (Port of Ridgefield)—Deep UWBZ																
MW-29D	MW29R-102104	10/21/2004	NA	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	20 U	--	--	2.0 U	2.0 U	2.0 U
	MW29D011905	01/19/2005	NA	1 U	1 U	--	1 U	1 U	2 U	--	--	--	--	1 U	1 U	1 U
	MW29D042605	04/26/2005	NA	1 U	1 U	--	1 U	1 U	2 U	--	--	--	--	1 U	1 U	1 U
	MW29D071905	07/19/2005	NA	1 UJ	1 UJ	--	1 UJ	1 UJ	2 UJ	--	--	--	--	1 UJ	1 UJ	1 UJ
	MW29D101805	10/18/2005	NA	1 U	1 U	--	1 U	1 U	2 U	--	10 U	--	--	20 U	1 U	1 U
	MW29D011806	01/18/2006	NA	1 U	1 U	--	1 U	1 U	2 U	--	10 U	--	--	20 U	1 U	1 U
	MW29D042606	04/26/2006	NA	1 U	1 U	--	1 U	1 U	2 U	--	10 U	--	--	20 U	1 U	1 U
	MW29D080106	08/01/2006	NA	1 U	1 U	--	1 U	1 U	2 U	--	10 U	--	--	20 U	1 U	1 U
	MW29D102406	10/24/2006	NA	1 U	1 U	--	1 U	1 U	2 U	--	10 U	--	--	20 U	1 U	1 U
	MW29D010907	01/09/2007	NA	1 U	1 U	--	1 U	1 U	2 U	--	10 U	--	--	20 U	1 U	1 U
	MW29D041007	04/10/2007	NA	1 U	1 U	--	1 U	1 U	2 U	--	10 U	--	--	20 U	1 U	1 U
	MW29D080707	08/07/2007	NA	1 U	1 U	--	1 U	1 U	2 U	--	10 U	--	--	20 U	1 U	1 U
	MW29D011008	01/10/2008	NA	1 U	1 U	--	1 U	1 U	2 U	--	10 U	--	--	20 U	57.1	1 U
	MW29D080708	08/07/2008	NA	1 U	1 U	--	1 U	1 U	2 U	--	10 U	--	--	20 U	1 U	1 U
	MW29D012109	01/20/2009	NA	1 U	1 U	--	1 U	1 U	2 U	--	10 U	--	--	20 U	1 U	1 U
	MW29D080309	08/03/2009	NA	1 U	1 U	--	1 U	1 U	2 U	--	10 U	--	--	20 U	1 U	1 U
	MW29D010710	01/07/2010	NA	1 U	1 U	--	1 U	1 U	2 U	--	10 U	1 U	--	20 U	1 U	1 U
	MW29D082211	08/22/2011	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW29D012612	01/26/2012	NA	1 U	1 U	--	1 U	1 U	2 U	--	10 U	1 U	--	20 U	1 U	1 U
	MW29D080812	08/08/2012	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
MW29D081213	08/12/2013	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW29D012114	01/21/2014	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW29D072214	07/22/2014	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW29D011215	01/12/2015	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW29D081516	08/15/2016	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-45D	MW45-072604	07/26/2004	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45-102104	10/21/2004	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45D012005	01/20/2005	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45D042705	04/26/2005	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45D042705-Dup	04/26/2005	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45D072005	07/19/2005	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45D102105	10/21/2005	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45D102105-DUP	10/21/2005	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45D011906	01/19/2006	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45D042806	04/28/2006	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45D042806-Dup	04/28/2006	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45D080306	08/03/2006	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45D080306-Dup	08/03/2006	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45D102506	10/25/2006	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
MW45D102506-Dup	10/25/2006	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	

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Ridgefield, Washington

Location	Sample Name	Date	Sample Depth (feet bgs)	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl Acetate	Methyl ethyl ketone	Methyl tert-butyl ether	Methyl-cyclo-hexane	Methylene chloride	Naphthalene	n-Butyl-benzene
MTCA Method A Groundwater CULs				NV	700	NV	NV	NV	1,000 ^a	NV	NV	20	NV	5	160	NV
	MW45D011007	01/10/2007	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45D011007-Dup	01/10/2007	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45D041107	04/11/2007	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45D041107-Dup	04/11/2007	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45D080807	08/08/2007	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45D011108	01/11/2008	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45D080808	08/08/2008	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45D012209	01/20/2009	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45D012209-Dup	01/20/2009	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45D080409	08/04/2009	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45D010710	01/07/2010	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45D082411	08/24/2011	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45D082411-Dup	08/24/2011	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45D080812	08/08/2012	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45DDUP080812	08/08/2012	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW-45D-20130812-GW	08/12/2013	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW-45D-20130812-GW-DUP	08/12/2013	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45D012214	01/22/2014	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45DDUP012214	01/22/2014	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW45D072214	07/22/2014	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
MW45DDUP072214	07/22/2014	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW45D011415	01/14/2015	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW45DDUP011415	01/14/2015	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW45D081516	08/15/2016	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW45DDUP081516	08/15/2016	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW-46D	MW47-072704	07/27/2004	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW47-102104	10/21/2004	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW46D012005	01/20/2005	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW46D042705	04/26/2005	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW46D072005	07/19/2005	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW46D101905	10/19/2005	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW46D011906	01/19/2006	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW46D042706	04/27/2006	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW46D080306	08/03/2006	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW46D102506	10/25/2006	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW46D011107	01/11/2007	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW46D041107	04/11/2007	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW46D080807	08/08/2007	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW46D011108	01/11/2008	NA	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW46D080808	08/08/2008	NA	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 2-3
Historical Volatile Organic Compounds in Groundwater (ug/L)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample Name	Date	Sample Depth (feet bgs)	Dichloro-difluoro-methane	Ethyl-benzene	Freon 113	Hexachloro-butadiene	Isopropyl-benzene	m,p-Xylene	Methyl Acetate	Methyl ethyl ketone	Methyl tert-butyl ether	Methyl-cyclo-hexane	Methylene chloride	Naphthalene	n-Butyl-benzene	
MTCA Method A Groundwater CULs				NV	700	NV	NV	NV	1,000 ^a	NV	NV	20	NV	5	160	NV	
	MW46D012309	01/20/2009	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
	MW46D080409	08/04/2009	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
	MW46D010810	01/08/2010	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
	MW46D082211	08/22/2011	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
	MW46D080812	08/08/2012	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
	MW-46D-20130812-GW	08/12/2013	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
	MW46D012214	01/22/2014	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
	MW46D072214	07/22/2014	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
	MW46D011415	01/14/2015	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	MW46D081516	08/15/2016	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-47D	MW50-072604	07/26/2004	NA	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	20 U	--	--	2.0 U	2.0 U	2.0 U	
	MW50-102104	10/21/2004	NA	0.50 U	0.50 U	--	2.0 U	2.0 U	0.50 U	--	20 U	--	--	2.0 U	2.0 U	2.0 U	
	MW47D011905	01/19/2005	NA	1 U	1 U	--	1 U	1 U	2 U	--	--	--	--	1 U	1 U	1 U	
	MW47D042605	04/26/2005	NA	1 U	1 U	--	1 U	1 U	2 U	--	--	--	--	1 U	1 U	1 U	
	MW47D071905	07/19/2005	NA	1 UJ	1 UJ	--	1 UJ	1 UJ	2 UJ	--	--	--	--	1 UJ	1 UJ	1 UJ	
	MW47D101805	10/18/2005	NA	1 U	1 U	--	1 U	1 U	2 U	--	10 U	--	--	20 U	1 U	1 U	
	MW47D011806	01/18/2006	NA	1 U	1 U	--	1 U	1 U	2 U	--	10 U	--	--	20 U	1 U	1 U	
	MW47D042606	04/26/2006	NA	1 U	1 U	--	1 U	1 U	2 U	--	10 U	--	--	20 U	1 U	1 U	
	MW47D080106	08/01/2006	NA	1 U	1 U	--	1 U	1 U	2 U	--	10 U	--	--	20 U	1 U	1 U	
	MW47D102406	10/24/2006	NA	1 U	1 U	--	1 U	1 U	2 U	--	10 U	--	--	20 U	1 U	1 U	
	MW47D010907	01/09/2007	NA	1 U	1 U	--	1 U	1 U	2 U	--	10 U	--	--	20 U	1 U	1 U	
	MW47D041007	04/10/2007	NA	1 U	1 U	--	1 U	1 U	2 U	--	10 U	--	--	20 U	1 U	1 U	
	MW47D080707	08/07/2007	NA	1 U	1 U	--	1 U	1 U	2 U	--	10 U	--	--	20 U	1 U	1 U	
	MW47D011008	01/10/2008	NA	1 U	1 U	--	1 U	1 U	2 U	--	10 U	--	--	20 U	1 U	1 U	
	MW47D080708	08/07/2008	NA	1 U	1 U	--	1 U	1 U	2 U	--	10 U	--	--	20 U	1 U	1 U	
	MW47D012109	01/20/2009	NA	1 U	1 U	--	1 U	1 U	2 U	--	10 U	--	--	20 U	1 U	1 U	
	MW47D080309	08/03/2009	NA	1 U	1 U	--	1 U	1 U	2 U	--	10 U	--	--	20 U	1 U	1 U	
	MW47D010710	01/07/2010	NA	1 U	1 U	--	1 U	1 U	2 U	--	10 U	1 U	--	20 U	1 U	1 U	
	MW47D082211	08/22/2011	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
	MW47D012612	01/26/2012	NA	1 U	1 U	--	1 U	1 U	2 U	--	10 U	1 U	--	20 U	1 U	1 U	
	MW47D080812	08/08/2012	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
	MW47D081213	08/12/2013	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
	MW47D012114	01/21/2014	NA	--	--	--	--	--	--	--	--	--	--	--	--	--	
MW47D072214	07/22/2014	NA	--	--	--	--	--	--	--	--	--	--	--	--	--		
MW47D011215	01/12/2015	NA	--	--	--	--	--	--	--	--	--	--	--	--	--		
MW47D081516	08/15/2016	NA	--	--	--	--	--	--	--	--	--	--	--	--	--		

Table 2-3
Historical Volatile Organic Compounds in Groundwater (ug/L)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample Name	Date	Sample Depth (feet bgs)	n-Propylbenzene	o-Xylene	sec-Butylbenzene	Styrene	tert-Butylbenzene	Tetra-chloro-ethene	Toluene	trans-1,2-dichloro-ethene	trans-1,3-Dichloro-propene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
MTCMA Method A Groundwater CULs				NV	1,000 ^a	NV	NV	NV	5	1,000	NV	NV	5	NV	0.2
B1	7032-060711-100	07/11/2006	13.5	50 U	50 U	50 U	50 U	50 U	4890	50 U	50 U	50 U	50 U	50 U	50 U
B2	7032-060711-102	07/11/2006	13	2 U	2 U	2 U	2 U	2 U	188	2 U	2 U	2 U	2 U	2 U	2 U
B3	7032-060711-103	07/11/2006	13.5	50 U	50 U	50 U	50 U	50 U	7210	50 U	50 U	50 U	50 U	50 U	50 U
B4	7032-060711-104	07/11/2006	13.5	1 U	1 U	1 U	1 U	1 U	16.6	1 U	1 U	1 U	1 U	1 U	1 U
BG01	J8GS6	04/17/2008	NA	--	5 U	--	5 U	--	2.5 J	5 U	5 U	5 U	5 U	5 U	5 U
GP-1	GP1W	11/01/2001	12.0	--	--	--	--	--	150	--	--	--	0.51	--	--
GP-2	GP2W	11/01/2001	12.0	--	--	--	--	--	160	--	--	--	17	--	--
GP-3	WP3W	11/01/2001	12.0	--	--	--	--	--	170	--	--	--	8.3	--	--
GP01	J8GT5	04/17/2008	NA	--	5 U	--	5 U	--	5 U	5 U	5 U	5 U	5 U	5 U	5 U
GP02	J8GT9	04/17/2008	NA	--	5 U	--	5 U	--	21000	5 U	5 U	5 U	4 J	5 U	5 U
GP03	J8GW1	04/17/2008	NA	--	5 U	--	5 U	--	10	5 U	5 U	5 U	5 U	5 U	5 U
GP04	J8GW5	04/16/2008	NA	--	5 U	--	5 U	--	9.9	5 U	5 U	5 U	5 U	5 U	5 U
GP05	J8GW9	04/16/2008	NA	--	5 U	--	5 U	--	87	5 U	5 U	5 U	5 U	5 U	5 U
GP06	J8GX3	04/16/2008	NA	--	5 U	--	5 U	--	1600	5 U	5 U	5 U	5 U	5 U	5 U
GP07	J8GX7	04/16/2008	NA	--	5 U	--	5 U	--	97	5 U	5 U	5 U	5 U	5 U	5 U
GP08	J8GY3	04/16/2008	NA	--	5 U	--	5 U	--	9700	5 U	5 U	5 U	5 U	5 U	5 U
GP09	J8GY7	04/16/2008	NA	--	5 U	--	5 U	--	4.6 J	5 U	5 U	5 U	5 U	5 U	5 U
GP10	J8GZ1	04/16/2008	NA	--	5 U	--	5 U	--	5 U	5 U	5 U	5 U	5 U	5 U	5 U
GP11	J8GZ5	04/16/2008	NA	--	5 U	--	5 U	--	100	5 U	5 U	5 U	5 U	5 U	5 U
GP12	J8H01	04/16/2008	NA	--	5 U	--	5 U	--	37	5 U	5 U	5 U	5 U	5 U	5 U
GP13	J8H05	04/16/2008	NA	--	5 U	--	5 U	--	5.4	5 U	5 U	5 U	5 U	5 U	5 U
GP14	J8H09	04/16/2008	NA	--	5 U	--	5 U	--	1200	5 U	5 U	5 U	5 U	5 U	5 U
GP15	J8H13	04/16/2008	NA	--	5 U	--	5 U	--	85	5 U	5 U	5 U	5 U	5 U	5 U
GP16	J8H17	04/17/2008	NA	--	5 U	--	5 U	--	40	5 U	5 U	5 U	5 U	5 U	5 U
GP17	J8H18	04/17/2008	NA	--	5 U	--	5 U	--	340	5 U	5 U	5 U	5 U	5 U	5 U
GP18	J8H19	04/17/2008	NA	--	5 U	--	5 U	--	5 U	5 U	5 U	5 U	5 U	5 U	5 U
GP19	J8H20	04/17/2008	NA	--	5 U	--	5 U	--	5.1	5 U	5 U	5 U	5 U	5 U	5 U
GP20	J8H21	04/17/2008	NA	--	5 U	--	5 U	--	5 U	5 U	5 U	5 U	5 U	5 U	5 U
GP21	J8H22	04/17/2008	NA	--	5 U	--	5 U	--	5 U	5 U	5 U	5 U	5 U	5 U	5 U
GP22	J8H23	04/17/2008	NA	--	5 U	--	5 U	--	5 U	5 U	5 U	5 U	5 U	5 U	5 U
GP23	J8H24	04/17/2008	NA	--	5 U	--	5 U	--	2 J	5 U	5 U	5 U	5 U	5 U	5 U
PL1	PL1-GW	10/18/2006	12	1 U	1 U	1 U	1 U	1 U	1.29	1.56	1 U	1 U	1 U	1 U	1 U
PL2	PL2-GW	10/18/2006	12	5 U	5 U	5 U	5 U	5 U	949	5 U	5 U	5 U	5 U	5 U	5 U
PL3	PL3-GW	10/18/2006	12	500 U	500 U	500 U	500 U	500 U	34500	500 U	500 U	500 U	500 U	500 U	500 U
PL4	PL4-GW	10/18/2006	12	2.42	1 U	1 U	1 U	1 U	7.52	1 U	1 U	1 U	1 U	1 U	1 U
PL5	PL5-GW	10/18/2006	12	10 U	10 U	10 U	10 U	10 U	1680	10 U	10 U	10 U	10 U	10 U	10 U
PL6	PL6-GW	10/18/2006	12	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

Table 2-3
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Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample Name	Date	Sample Depth (feet bgs)	n-Propylbenzene	o-Xylene	sec-Butylbenzene	Styrene	tert-Butylbenzene	Tetra-chloro-ethene	Toluene	trans-1,2-dichloro-ethene	trans-1,3-Dichloro-propene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
MTC A Method A Groundwater CULs				NV	1,000 ^a	NV	NV	NV	5	1,000	NV	NV	5	NV	0.2
Downgradient Wells (Port of Ridgefield)—Deep UWBZ															
MW-29D	MW29R-102104	10/21/2004	NA	2.0 U	0.50 U	2.0 U	0.50 U	2.0 U	17	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	MW29D011905	01/19/2005	NA	1 U	1 U	1 U	1 U	1 U	18.8	1 U	1 U	1 U	1 U	1 U	0.2 U
	MW29D042605	04/26/2005	NA	1 U	1 U	1 U	1 U	1 U	20.1	1 U	1 U	1 U	1 U	1 U	1 U
	MW29D071905	07/19/2005	NA	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	13.4 J	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
	MW29D101805	10/18/2005	NA	1 U	1 U	1 U	1 U	1 U	9.12	1 U	1 U	1 U	1 U	1 U	1 U
	MW29D011806	01/18/2006	NA	1 U	1 U	1 U	1 U	1 U	11.6	1 U	1 U	1 U	1 U	1 U	1 U
	MW29D042606	04/26/2006	NA	1 U	1 U	1 U	1 U	1 U	13.7	1 U	1 U	1 U	1 U	1 U	1 U
	MW29D080106	08/01/2006	NA	1 U	1 U	1 U	1 U	1 U	6.51	1 U	1 U	1 U	1 U	1 U	1 U
	MW29D102406	10/24/2006	NA	1 U	1 U	1 U	1 U	1 U	18.8	1 U	1 U	1 U	1 U	1 U	1 U
	MW29D010907	01/09/2007	NA	1 U	1 U	1 U	1 U	1 U	18.5	1 U	1 U	1 U	1 U	1 U	1 U
	MW29D041007	04/10/2007	NA	1 U	1 U	1 U	1 U	1 U	5.61	1 U	1 U	1 U	1 U	1 U	1 U
	MW29D080707	08/07/2007	NA	1 U	1 U	1 U	1 U	1 U	15.2	1 U	1 U	1 U	1 U	1 U	1 U
	MW29D011008	01/10/2008	NA	1 U	1 U	1 U	1 U	1 U	15.1	1 U	1 U	1 U	1 U	1 U	1 U
	MW29D080708	08/07/2008	NA	1 U	1 U	1 U	1 U	1 U	4.60	1 U	1 U	1 U	1 U	1 U	1 U
	MW29D012109	01/20/2009	NA	1 U	1 U	1 U	1 U	1 U	11.1	1 U	1 U	1 U	1 U	1 U	1 U
	MW29D080309	08/03/2009	NA	1 U	1 U	1 U	1 U	1 U	9.84	1 U	1 U	1 U	1 U	1 U	1 U
	MW29D010710	01/07/2010	NA	1 U	1 U	1 U	1 U	1 U	12.1	1 U	1 U	1 U	1 U	1 U	1 U
	MW29D082211	08/22/2011	NA	--	--	--	--	--	9.85	--	--	--	--	--	--
	MW29D012612	01/26/2012	NA	1 U	1 U	1 U	1 U	1 U	8.73	1 U	1 U	1 U	1 U	1 U	1 U
	MW29D080812	08/08/2012	NA	--	--	--	--	--	3.87	--	--	--	--	--	--
MW29D081213	08/12/2013	NA	--	--	--	--	--	2.26	--	--	--	--	--	--	
MW29D012114	01/21/2014	NA	--	--	--	--	--	2.56	--	--	--	--	--	--	
MW29D072214	07/22/2014	NA	--	--	--	--	--	2.01	--	--	--	--	--	--	
MW29D011215	01/12/2015	NA	--	--	--	--	--	1.8	--	--	--	--	--	--	
MW29D081516	08/15/2016	NA	--	--	--	--	--	1 U	--	--	--	--	--	--	
MW-45D	MW45-072604	07/26/2004	NA	--	--	--	--	--	6.3	--	--	--	--	--	--
	MW45-102104	10/21/2004	NA	--	--	--	--	--	6.8	--	--	--	--	--	--
	MW45D012005	01/20/2005	NA	--	--	--	--	--	5.68	--	--	--	--	--	--
	MW45D042705	04/26/2005	NA	--	--	--	--	--	6.78	--	--	--	--	--	--
	MW45D042705-Dup	04/26/2005	NA	--	--	--	--	--	6.36	--	--	--	--	--	--
	MW45D072005	07/19/2005	NA	--	--	--	--	--	4.96 J	--	--	--	--	--	--
	MW45D102105	10/21/2005	NA	--	--	--	--	--	2.06	--	--	--	--	--	--
	MW45D102105-DUP	10/21/2005	NA	--	--	--	--	--	2.14	--	--	--	--	--	--
	MW45D011906	01/19/2006	NA	--	--	--	--	--	1 U	--	--	--	--	--	--
	MW45D042806	04/28/2006	NA	--	--	--	--	--	3.52	--	--	--	--	--	--
	MW45D042806-Dup	04/28/2006	NA	--	--	--	--	--	3.36	--	--	--	--	--	--
	MW45D080306	08/03/2006	NA	--	--	--	--	--	1 U	--	--	--	--	--	--
	MW45D080306-Dup	08/03/2006	NA	--	--	--	--	--	1 U	--	--	--	--	--	--
	MW45D102506	10/25/2006	NA	--	--	--	--	--	5.04	--	--	--	--	--	--
MW45D102506-Dup	10/25/2006	NA	--	--	--	--	--	5.24	--	--	--	--	--	--	

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Union Ridge Investment Company
Ridgefield, Washington

Location	Sample Name	Date	Sample Depth (feet bgs)	n-Propylbenzene	o-Xylene	sec-Butylbenzene	Styrene	tert-Butylbenzene	Tetra-chloro-ethene	Toluene	trans-1,2-dichloro-ethene	trans-1,3-Dichloro-propene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
MTC A Method A Groundwater CULs				NV	1,000 ^a	NV	NV	NV	5	1,000	NV	NV	5	NV	0.2
	MW45D011007	01/10/2007	NA	--	--	--	--	--	5.14	--	--	--	--	--	--
	MW45D011007-Dup	01/10/2007	NA	--	--	--	--	--	4.98	--	--	--	--	--	--
	MW45D041107	04/11/2007	NA	--	--	--	--	--	1 U	--	--	--	--	--	--
	MW45D041107-Dup	04/11/2007	NA	--	--	--	--	--	1 U	--	--	--	--	--	--
	MW45D080807	08/08/2007	NA	--	--	--	--	--	1 U	--	--	--	--	--	--
	MW45D011108	01/11/2008	NA	--	--	--	--	--	4.51	--	--	--	--	--	--
	MW45D080808	08/08/2008	NA	--	--	--	--	--	1 U	--	--	--	--	--	--
	MW45D012209	01/20/2009	NA	--	--	--	--	--	3.16	--	--	--	--	--	--
	MW45D012209-Dup	01/20/2009	NA	--	--	--	--	--	3.2	--	--	--	--	--	--
	MW45D080409	08/04/2009	NA	--	--	--	--	--	3.08	--	--	--	--	--	--
	MW45D010710	01/07/2010	NA	--	--	--	--	--	3.65	--	--	--	--	--	--
	MW45D082411	08/24/2011	NA	--	--	--	--	--	5.75	--	--	--	--	--	--
	MW45D082411-Dup	08/24/2011	NA	--	--	--	--	--	5.7	--	--	--	--	--	--
	MW45D080812	08/08/2012	NA	--	--	--	--	--	5.66	--	--	--	--	--	--
	MW45DDUP080812	08/08/2012	NA	--	--	--	--	--	6.3	--	--	--	--	--	--
	MW-45D-20130812-GW	08/12/2013	NA	--	--	--	--	--	3.03 J	--	--	--	--	--	--
	MW-45D-20130812-GW-DUP	08/12/2013	NA	--	--	--	--	--	1.07 J	--	--	--	--	--	--
	MW45D012214	01/22/2014	NA	--	--	--	--	--	3.59	--	--	--	--	--	--
	MW45DDUP012214	01/22/2014	NA	--	--	--	--	--	3.48	--	--	--	--	--	--
	MW45D072214	07/22/2014	NA	--	--	--	--	--	4.47	--	--	--	--	--	--
MW45DDUP072214	07/22/2014	NA	--	--	--	--	--	3.68	--	--	--	--	--	--	
MW45D011415	01/14/2015	NA	--	--	--	--	--	3.79	--	--	--	--	--	--	
MW45DDUP011415	01/14/2015	NA	--	--	--	--	--	3.64	--	--	--	--	--	--	
MW45D081516	08/15/2016	NA	--	--	--	--	--	1.45	--	--	--	--	--	--	
MW45DDUP081516	08/15/2016	NA	--	--	--	--	--	1.53	--	--	--	--	--	--	
MW-46D	MW47-072704	07/27/2004	NA	--	--	--	--	--	9.3	--	--	--	--	--	--
	MW47-102104	10/21/2004	NA	--	--	--	--	--	9.8	--	--	--	--	--	--
	MW46D012005	01/20/2005	NA	--	--	--	--	--	8.95	--	--	--	--	--	--
	MW46D042705	04/26/2005	NA	--	--	--	--	--	10.7	--	--	--	--	--	--
	MW46D072005	07/19/2005	NA	--	--	--	--	--	7.82 J	--	--	--	--	--	--
	MW46D101905	10/19/2005	NA	--	--	--	--	--	3.76	--	--	--	--	--	--
	MW46D011906	01/19/2006	NA	--	--	--	--	--	3.92	--	--	--	--	--	--
	MW46D042706	04/27/2006	NA	--	--	--	--	--	5.91	--	--	--	--	--	--
	MW46D080306	08/03/2006	NA	--	--	--	--	--	1.71	--	--	--	--	--	--
	MW46D102506	10/25/2006	NA	--	--	--	--	--	7.96	--	--	--	--	--	--
	MW46D011107	01/11/2007	NA	--	--	--	--	--	7.83	--	--	--	--	--	--
	MW46D041107	04/11/2007	NA	--	--	--	--	--	1 U	--	--	--	--	--	--
	MW46D080807	08/08/2007	NA	--	--	--	--	--	1 U	--	--	--	--	--	--
	MW46D011108	01/11/2008	NA	--	--	--	--	--	6.85	--	--	--	--	--	--
	MW46D080808	08/08/2008	NA	--	--	--	--	--	2.2	--	--	--	--	--	--

Table 2-3
Historical Volatile Organic Compounds in Groundwater (ug/L)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample Name	Date	Sample Depth (feet bgs)	n-Propylbenzene	o-Xylene	sec-Butylbenzene	Styrene	tert-Butylbenzene	Tetra-chloro-ethene	Toluene	trans-1,2-dichloro-ethene	trans-1,3-Dichloro-propene	Trichloro-ethene	Trichloro-fluoro-methane	Vinyl chloride
MTC A Method A Groundwater CULs				NV	1,000 ^a	NV	NV	NV	5	1,000	NV	NV	5	NV	0.2
	MW46D012309	01/20/2009	NA	--	--	--	--	--	5.13	--	--	--	--	--	--
	MW46D080409	08/04/2009	NA	--	--	--	--	--	5.05	--	--	--	--	--	--
	MW46D010810	01/08/2010	NA	--	--	--	--	--	6.4	--	--	--	--	--	--
	MW46D082211	08/22/2011	NA	--	--	--	--	--	6.9	--	--	--	--	--	--
	MW46D080812	08/08/2012	NA	--	--	--	--	--	6.95	--	--	--	--	--	--
	MW-46D-20130812-GW	08/12/2013	NA	--	--	--	--	--	3.67	--	--	--	--	--	--
	MW46D012214	01/22/2014	NA	--	--	--	--	--	3.31	--	--	--	--	--	--
	MW46D072214	07/22/2014	NA	--	--	--	--	--	4.21	--	--	--	--	--	--
	MW46D011415	01/14/2015	NA	--	--	--	--	--	2.93	--	--	--	--	--	--
	MW46D081516	08/15/2016	NA	--	--	--	--	--	2.19	--	--	--	--	--	--
MW-47D	MW50-072604	07/26/2004	NA	2.0 U	0.50 U	2.0 U	0.50 U	2.0 U	20	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	MW50-102104	10/21/2004	NA	2.0 U	0.50 U	2.0 U	0.50 U	2.0 U	19	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	MW47D011905	01/19/2005	NA	1 U	1 U	1 U	1 U	1 U	17.2	1 U	1 U	1 U	1 U	1 U	0.2 U
	MW47D042605	04/26/2005	NA	1 U	1 U	1 U	1 U	1 U	20.8	1 U	1 U	1 U	1 U	1 U	1 U
	MW47D071905	07/19/2005	NA	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	14.5 J	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
	MW47D101805	10/18/2005	NA	1 U	1 U	1 U	1 U	1 U	8.28	1 U	1 U	1 U	1 U	1 U	1 U
	MW47D011806	01/18/2006	NA	1 U	1 U	1 U	1 U	1 U	9.45	1 U	1 U	1 U	1 U	1 U	1 U
	MW47D042606	04/26/2006	NA	1 U	1 U	1 U	1 U	1 U	8.61	1 U	1 U	1 U	1 U	1 U	1 U
	MW47D080106	08/01/2006	NA	1 U	1 U	1 U	1 U	1 U	9.61	1 U	1 U	1 U	1 U	1 U	1 U
	MW47D102406	10/24/2006	NA	1 U	1 U	1 U	1 U	1 U	15.3	1 U	1 U	1 U	1 U	1 U	1 U
	MW47D010907	01/09/2007	NA	1 U	1 U	1 U	1 U	1 U	15.5	1 U	1 U	1 U	1 U	1 U	1 U
	MW47D041007	04/10/2007	NA	1 U	1 U	1 U	1 U	1 U	2.27	1 U	1 U	1 U	1 U	1 U	1 U
	MW47D080707	08/07/2007	NA	1 U	1 U	1 U	1 U	1 U	7.12	1 U	1 U	1 U	1 U	1 U	1 U
	MW47D011008	01/10/2008	NA	1 U	1 U	1 U	1 U	1 U	13.6	1 U	1 U	1 U	1 U	1 U	1 U
	MW47D080708	08/07/2008	NA	1 U	1 U	1 U	1 U	1 U	4.58	1 U	1 U	1 U	1 U	1 U	1 U
	MW47D012109	01/20/2009	NA	1 U	1 U	1 U	1 U	1 U	11.0	1 U	1 U	1 U	1 U	1 U	1 U
	MW47D080309	08/03/2009	NA	1 U	1 U	1 U	1 U	1 U	8.64	1 U	1 U	1 U	1 U	1 U	1 U
	MW47D010710	01/07/2010	NA	1 U	1 U	1 U	1 U	1 U	7.86	1 U	1 U	1 U	1 U	1 U	1 U
	MW47D082211	08/22/2011	NA	--	--	--	--	--	15.4	--	--	--	--	--	--
	MW47D012612	01/26/2012	NA	1 U	1 U	1 U	1 U	1 U	14.2	1 U	1 U	1 U	1 U	1 U	1 U
	MW47D080812	08/08/2012	NA	--	--	--	--	--	14.4	--	--	--	--	--	--
	MW47D081213	08/12/2013	NA	--	--	--	--	--	7.66	--	--	--	--	--	--
	MW47D012114	01/21/2014	NA	--	--	--	--	--	10.4	--	--	--	--	--	--
	MW47D072214	07/22/2014	NA	--	--	--	--	--	10.2	--	--	--	--	--	--
	MW47D011215	01/12/2015	NA	--	--	--	--	--	8.41	--	--	--	--	--	--
	MW47D081516	08/15/2016	NA	--	--	--	--	--	4.22	--	--	--	--	--	--

Table 2-3
Historical Volatile Organic Compounds in Groundwater (ug/L)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

NOTES:

Bold values indicate detections that exceed one or more screening criteria.

-- = not analyzed.

CUL = cleanup level.

feet bgs = feet below ground surface.

J = estimated concentration.

MTCA = Model Toxics Control Act.

NA = not available.

NV = no value.

U = not detected at or above method reporting limit.

ug/L = micrograms per liter.

UR = rejected non-detect because of very low matrix spike/matrix spike duplicate or lab control standard recovery.

UWBZ = upper water-bearing zone.

^aTotal xylenes value.

**Table 3-1
Monitoring Schedule
Former Park Laundry Site
Union Ridge Investment Company
Ridgefield, Washington**

Monitoring Well	Date of Initial Monitoring Event	Initial Monitoring Frequency	Monitoring Frequency as of June 2014	Monitoring Frequency as of September 2016
MW01	06/24/2011	Quarterly	Semiannually	Every 18 months ^a
MW02	06/24/2011	Quarterly	Semiannually	Every 18 months ^a
MW03	06/24/2011	Quarterly	Quarterly	Every 18 months ^a
MW04	06/24/2011	Quarterly	Semiannually	Every 18 months ^a
MW05	06/24/2011	Quarterly	Quarterly	Every 18 months ^a
MW06	06/24/2011	Quarterly	Quarterly	Semiannually
MW07	06/24/2011	Quarterly	Quarterly	Every 18 months ^a
MW08	03/16/2012	Quarterly	Semiannually	Every 18 months ^a
MW09	03/14/2012	Quarterly	Quarterly	Semiannually
MW10	03/12/2012	Quarterly	Quarterly	Semiannually
MW11	03/13/2012	Quarterly	Quarterly	Semiannually
MW13	03/14/2012	Quarterly	Quarterly	Every 18 months ^a
MW14	03/12/2012	Quarterly	Quarterly	Every 18 months ^a
MW15	03/15/2012	Quarterly	Quarterly	Semiannually
MW16	03/15/2012	Quarterly	Quarterly	Every 18 months ^a
MW17	04/09/2013	Quarterly	Semiannually	Every 18 months ^a
MW18	04/10/2013	Quarterly	Quarterly	Every 18 months ^a
MW19	04/10/2013	Quarterly	Semiannually	Every 18 months ^a
MW20	04/09/2013	Quarterly	Semiannually	Every 18 months ^a
MW21	04/08/2013	Quarterly	Quarterly	Semiannually
MW-47D ^b	NA	NA	NA	Every 18 months ^c
MW-46D ^b	NA	NA	NA	Every 18 months ^c

**Table 3-1
Monitoring Schedule
Former Park Laundry Site
Union Ridge Investment Company
Ridgefield, Washington**

NOTES:

During sampling event, samples from MW05 will be duplicated.

Monitoring wells sampled quarterly were sampled in March, June, September, and December.

Monitoring wells sampled semiannually to be sampled in March and September.

MW = monitoring well.

NA = not applicable.

^aSampled every 18 months in March and September.

^bMonitoring well sampled by Port of Ridgefield.

^cSampled every 18 months in January and August, beginning August 2016.

Table 3-2
Volatile Organic Compound Detections in Reconnaissance Soil (ug/kg)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample Name	Date	Sample Depth (feet bgs)	1,1,2-Trichloroethane	1,2,4-Trimethylbenzene	2-Hexanone	Acetone	Bromomethane
MTCA Method A CUL				NV	NV	NV	NV	NV
MTCA Method B CUL				17,500	NV	NV	720,000,000	112,000
B5	B5-S-0.5	03/03/2010	0.5	--	--	--	250	--
	B5-S-5.0	03/03/2010	5	--	--	--	92.6	--
	B5-S-12.5	03/03/2010	12.5	--	--	--	--	--
	B5-S-14.0	03/03/2010	14	--	--	--	--	--
B6	B6-S-0.5	03/05/2010	0.5	--	--	--	154	--
B7	B7-S-15.5	03/03/2010	15.5	--	--	--	--	--
B8	B8-S-0.5	03/08/2010	0.5	--	--	19.9	248	--
	B8-S-5.0	03/08/2010	5	--	--	--	--	--
	B8-S-14.5	03/08/2010	14.5	--	--	--	--	57.3
	B8-S-16.5	03/08/2010	16.5	--	--	--	--	--
B9	B9-S-19.0	03/09/2010	19	--	--	--	--	--
	B9-S-21.5	03/09/2010	21.5	--	--	--	--	--
GP30	GP30-S-0.5	03/04/2010	0.5	--	--	--	139	--
GP32	GP32-S-0.5	03/05/2010	0.5	--	--	--	134	--
GP37	GP37-S-0.5	03/05/2010	0.5	--	--	--	160	--
GP38	GP38-S-0.5	03/05/2010	0.5	--	--	--	275	--
GP39	GP39-S-0.5	03/05/2010	0.5	--	--	--	194	--
GP40	GP40-S-0.5	03/01/2010	0.5	--	--	--	130	--
GP41	GP41-S-0.5	03/01/2010	0.5	--	--	--	76.4	--

Table 3-2
Volatile Organic Compound Detections in Reconnaissance Soil (ug/kg)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample Name	Date	Sample Depth (feet bgs)	Chloromethane	cis-1,2-Dichloroethene	Ethylbenzene	PCE	TCE
MTCA Method A CUL				NV	NV	6000	50	30
MTCA Method B CUL				NV	160,000	8,000,000	480,000	11,000
B5	B5-S-0.5	03/03/2010	0.5	--	--	--	23.8	--
	B5-S-5.0	03/03/2010	5	--	--	--	--	--
	B5-S-12.5	03/03/2010	12.5	--	--	--	7490	--
	B5-S-14.0	03/03/2010	14	--	--	--	1880	--
B6	B6-S-0.5	03/05/2010	0.5	--	--	--	23.7	--
B7	B7-S-15.5	03/03/2010	15.5	--	--	--	351	--
B8	B8-S-0.5	03/08/2010	0.5	--	--	--	--	--
	B8-S-5.0	03/08/2010	5	--	--	--	15.3	--
	B8-S-14.5	03/08/2010	14.5	--	--	--	31400	--
	B8-S-16.5	03/08/2010	16.5	--	--	--	4370 J	--
B9	B9-S-19.0	03/09/2010	19	--	--	--	271	21.0
	B9-S-21.5	03/09/2010	21.5	--	--	--	507	332
GP30	GP30-S-0.5	03/04/2010	0.5	--	--	--	37.5	--
GP32	GP32-S-0.5	03/05/2010	0.5	--	--	--	11.3	--
GP37	GP37-S-0.5	03/05/2010	0.5	--	--	--	--	--
GP38	GP38-S-0.5	03/05/2010	0.5	--	--	--	62.5	--
GP39	GP39-S-0.5	03/05/2010	0.5	--	--	--	9.74	--
GP40	GP40-S-0.5	03/01/2010	0.5	--	--	--	13.3	--
GP41	GP41-S-0.5	03/01/2010	0.5	--	--	--	7.94	--

Table 3-2
Volatile Organic Compound Detections in Reconnaissance Soil (ug/kg)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample Name	Date	Sample Depth (feet bgs)	1,1,2-Trichloro-ethane	1,2,4-Trimethyl-benzene	2-Hexanone	Acetone	Bromomethane
MTCA Method A CUL				NV	NV	NV	NV	NV
MTCA Method B CUL				17,500	NV	NV	720,000,000	112,000
GP42	GP42-S-0.5	03/01/2010	0.5	--	--	--	85.8	--
	GP42-S-5.0	03/01/2010	5	--	--	--	--	--
	GP42-S-12.5	03/01/2010	12.5	--	--	--	--	--
GP43	GP43-S-5.0	03/02/2010	5	--	--	--	168	--
	GP43-S-12.5	03/02/2010	12.5	--	--	--	--	--
GP44	GP44-S-0.5	03/01/2010	0.5	--	--	--	--	--
GP45	GP45-S-0.5	03/01/2010	0.5	--	--	--	87.4	--
	GP45-S-5.0	03/01/2010	5	--	--	--	--	--
	GP45-S-12.5	03/01/2010	12.5	--	--	--	--	--
GP46	GP46-S-0.5	03/01/2010	0.5	--	--	--	119	--
	GP46-S-12.0	03/01/2010	12	--	--	--	--	--
GP47	GP47-S-0.5	03/02/2010	0.5	--	--	--	370	--
	GP47-S-5.0	03/02/2010	5	--	--	--	--	--
	GP47-S-12.0	03/02/2010	12	--	--	--	--	--
GP48	GP48-S-0.5	03/03/2010	0.5	--	--	--	202	--
	GP48-S-12.5	03/03/2010	12.5	--	--	--	--	--
GP50	GP50-S-0.5	03/01/2010	0.5	--	--	--	88.9	--
GP51	GP51-S-0.5	03/02/2010	0.5	--	--	--	--	--
	GP51-S-5.0	03/02/2010	5	--	--	--	--	--
	GP51-S-12.5	03/02/2010	12.5	--	--	--	--	--
GP52	GP52-S-0.5	03/03/2010	0.5	--	--	--	167	--
	GP52-S-5.0	03/03/2010	5	--	--	--	--	--
	GP52-S-12.5	03/03/2010	12.5	266 J	19.4	--	--	--

Table 3-2
Volatile Organic Compound Detections in Reconnaissance Soil (ug/kg)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample Name	Date	Sample Depth (feet bgs)	Chloromethane	cis-1,2-Dichloroethene	Ethylbenzene	PCE	TCE
MTCA Method A CUL				NV	NV	6000	50	30
MTCA Method B CUL				NV	160,000	8,000,000	480,000	11,000
GP42	GP42-S-0.5	03/01/2010	0.5	--	--	--	16.1	--
	GP42-S-5.0	03/01/2010	5	--	--	--	26.2	--
	GP42-S-12.5	03/01/2010	12.5	--	--	--	10.7	--
GP43	GP43-S-5.0	03/02/2010	5	--	--	--	58.1	--
	GP43-S-12.5	03/02/2010	12.5	--	--	--	115	--
GP44	GP44-S-0.5	03/01/2010	0.5	--	--	--	54.0	--
GP45	GP45-S-0.5	03/01/2010	0.5	--	--	--	109	--
	GP45-S-5.0	03/01/2010	5	--	--	--	8.58	--
	GP45-S-12.5	03/01/2010	12.5	--	--	--	12.9	--
GP46	GP46-S-0.5	03/01/2010	0.5	--	--	--	98.7	--
	GP46-S-12.0	03/01/2010	12	--	--	--	74.3	--
GP47	GP47-S-0.5	03/02/2010	0.5	--	--	--	19.8	--
	GP47-S-5.0	03/02/2010	5	--	--	--	31.1	--
	GP47-S-12.0	03/02/2010	12	--	--	--	6820	--
GP48	GP48-S-0.5	03/03/2010	0.5	--	--	--	24.3	--
	GP48-S-12.5	03/03/2010	12.5	--	--	--	349	--
GP50	GP50-S-0.5	03/01/2010	0.5	--	--	--	49.3	--
GP51	GP51-S-0.5	03/02/2010	0.5	--	--	--	147	--
	GP51-S-5.0	03/02/2010	5	--	--	--	23.4	--
	GP51-S-12.5	03/02/2010	12.5	--	--	--	117	--
GP52	GP52-S-0.5	03/03/2010	0.5	--	--	--	33.7	--
	GP52-S-5.0	03/03/2010	5	--	--	--	11.9	--
	GP52-S-12.5	03/03/2010	12.5	--	--	--	316000	--

Table 3-2
Volatile Organic Compound Detections in Reconnaissance Soil (ug/kg)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample Name	Date	Sample Depth (feet bgs)	1,1,2-Trichloroethane	1,2,4-Trimethylbenzene	2-Hexanone	Acetone	Bromomethane
MTCA Method A CUL				NV	NV	NV	NV	NV
MTCA Method B CUL				17,500	NV	NV	720,000,000	112,000
GP54	GP54-S-0.5	03/02/2010	0.5	--	--	--	434	--
	GP54-S-5.0	03/02/2010	5	--	--	--	244	--
	GP54-S-12.5	03/02/2010	12.5	--	--	--	--	--
GP55	GP55-S-0.5	03/03/2010	0.5	--	--	40.4	190	--
	GP55-S-5.0	03/03/2010	5	--	--	17.5	211	--
	GP55-S-12.5	03/03/2010	12.5	--	--	--	--	--
GP56	GP56-S-0.5	03/03/2010	0.5	--	--	--	471 J	--
	GP56-S-13.5	03/03/2010	13.5	--	--	--	--	--
GP57	GP57-S-14.0	03/03/2010	14	--	--	--	--	--
GP60	GP60-S-14.5	03/08/2010	14.5	--	--	--	--	60.0

Table 3-2
Volatile Organic Compound Detections in Reconnaissance Soil (ug/kg)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample Name	Date	Sample Depth (feet bgs)	Chloromethane	cis-1,2-Dichloroethene	Ethylbenzene	PCE	TCE
MTCA Method A CUL				NV	NV	6000	50	30
MTCA Method B CUL				NV	160,000	8,000,000	480,000	11,000
GP54	GP54-S-0.5	03/02/2010	0.5	--	--	--	26.0 J	--
	GP54-S-5.0	03/02/2010	5	--	--	--	--	--
	GP54-S-12.5	03/02/2010	12.5	--	--	--	37.7	--
GP55	GP55-S-0.5	03/03/2010	0.5	--	--	--	--	--
	GP55-S-5.0	03/03/2010	5	--	--	--	--	--
	GP55-S-12.5	03/03/2010	12.5	--	--	--	862	--
GP56	GP56-S-0.5	03/03/2010	0.5	--	--	--	--	--
	GP56-S-13.5	03/03/2010	13.5	--	--	--	49.1	--
GP57	GP57-S-14.0	03/03/2010	14	--	--	--	17.9	--
GP60	GP60-S-14.5	03/08/2010	14.5	87.2	--	--	53.8	--

Table 3-2
Volatile Organic Compound Detections in Reconnaissance Soil (ug/kg)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

NOTES:

All MTCA Method A CULs and Method B CULs for 1,1-dichloroethene, cis-1,2-dichloroethene, trans-1,2-dichloroethene, and vinyl chloride are from Ecology July 2015 CLARC data tables. MTCA Method B CULs for TCE and PCE are from Ecology May 2015 CLARC guidance document.

Non-detect results are not evaluated against CULs.

Shaded results indicate exceedance of MTCA Method A CULs.

-- = not detected at or above method reporting limits.

bgs = below ground surface.

CLARC = Cleanup Levels and Risk Calculation.

CUL = cleanup level.

Ecology = Washington State Department of Ecology.

J = estimated value.

MTCA = Model Toxics Control Act.

NV = no value.

PCE = tetrachloroethene.

TCE = trichloroethene.

ug/kg = micrograms per kilogram.

Table 3-3
PCE and Breakdown Products in Soil (ug/kg)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Sample Depth (feet bgs)	1,1-Dichloroethene	cis-1,2-Dichloroethene	PCE	trans-1,2-Dichloroethene	TCE	Vinyl chloride
MTCA Method A CUL				NV	NV	50	NV	30	NV
MTCA Method B CUL				4,000,000	160,000	480,000	1,600,000	11,000	670
B5	B5-S-0.5	03/03/2010	0.5	7.72 U	7.72 U	23.8	7.72 U	7.72 U	7.72 U
	B5-S-5.0	03/03/2010	5	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U
	B5-S-12.5	03/03/2010	12.5	6.99 U	6.99 U	7,490	6.99 U	6.99 U	6.99 U
	B5-S-14.0	03/03/2010	14	6.45 U	6.45 U	1,880	6.45 U	6.45 U	6.45 U
	B5-S-39.0	03/15/2010	39	9.13 U	9.13 U	9.13 U	9.13 U	9.13 U	9.13 U
B6	B6-S-0.5	03/05/2010	0.5	9.64 U	9.64 U	23.7	9.64 U	9.64 U	9.64 U
	B6-S-5.0	03/05/2010	5	11.5 U	11.5 U	11.5 U	11.5 U	11.5 U	11.5 U
	B6-S-12.0	03/05/2010	12	11.4 U	11.4 U	11.4 U	11.4 U	11.4 U	11.4 U
B7	B7-S-14.0	03/03/2010	14	9.72 U	9.72 U	9.72 U	9.72 U	9.72 U	9.72 U
	B7-S-15.5	03/03/2010	15.5	8.42 U	8.42 U	351	8.42 U	8.42 U	8.42 U
B8	B8-S-0.5	03/08/2010	0.5	9.63 U	9.63 U	9.63 U	9.63 U	9.63 U	9.63 U
	B8-S-5.0	03/08/2010	5	9.67 U	9.67 U	15.3	9.67 U	9.67 U	9.67 U
	B8-S-14.5	03/08/2010	14.5	48.9 U	48.9 U	31,400	48.9 U	48.9 U	48.9 U
	B8-S-16.5	03/08/2010	16.5	8.81 U	8.81 U	4,370 J	8.81 U	8.81 U	8.81 U
	B8-S-40.0	03/17/2010	40	10.7 U	10.7 U	10.7 U	10.7 U	10.7 U	10.7 U
B9	B9-S-19.0	03/09/2010	19	11.6 U	11.6 U	271	11.6 U	21	11.6 U
	B9-S-21.5	03/09/2010	21.5	9 U	9 U	507	9 U	332	9 U
	B9-S-42.0	03/19/2010	42	9.33 U	9.33 U	9.33 U	9.33 U	9.33 U	9.33 U
	B9-S-75.0	03/22/2010	75	8.77 U	8.77 U	8.77 U	8.77 U	8.77 U	8.77 U
	B9-S-89.0	03/22/2010	89	8.94 U	8.94 U	8.94 U	8.94 U	8.94 U	8.94 U
B10	B10-S-33.0	03/23/2010	33	8.19 U	8.19 U	8.19 U	8.19 U	8.19 U	8.19 U
	B10-S-57.0	03/24/2010	57	9.41 U	9.41 U	9.41 U	9.41 U	9.41 U	9.41 U
B11	B11-S-88.0	03/26/2010	88	7.78 U	7.78 U	7.78 U	7.78 U	7.78 U	7.78 U

Table 3-3
PCE and Breakdown Products in Soil (ug/kg)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Sample Depth (feet bgs)	1,1-Dichloroethene	cis-1,2-Dichloroethene	PCE	trans-1,2-Dichloroethene	TCE	Vinyl chloride
MTCA Method A CUL				NV	NV	50	NV	30	NV
MTCA Method B CUL				4,000,000	160,000	480,000	1,600,000	11,000	670
GP24	GP24-S-11.0	03/09/2010	11	10.3 U	10.3 U	10.3 U	10.3 U	10.3 U	10.3 U
GP25	GP25-S-11.5	03/04/2010	11.5	10.9 U	10.9 U	10.9 U	10.9 U	10.9 U	10.9 U
GP26	GP26-S-11.0	03/04/2010	11	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U
GP27	GP27-S-12.5	03/04/2010	12.5	10.3 U	10.3 U	10.3 U	10.3 U	10.3 U	10.3 U
GP28	GP28-S-14.0	03/04/2010	14	8.23 U	8.23 U	8.23 U	8.23 U	8.23 U	8.23 U
GP29	GP29-S-12.0	03/08/2010	12	10.9 U	10.9 U	10.9 U	10.9 U	10.9 U	10.9 U
GP30	GP30-S-0.5	03/04/2010	0.5	8.8 U	8.8 U	37.5	8.8 U	8.8 U	8.8 U
	GP30-S-5.0	03/04/2010	5	9.77 U	9.77 U	9.77 U	9.77 U	9.77 U	9.77 U
	GP30-S-12.0	03/04/2010	12	9.55 U	9.55 U	9.55 U	9.55 U	9.55 U	9.55 U
GP32	GP32-S-0.5	03/05/2010	0.5	9.69 U	9.69 U	11.3	9.69 U	9.69 U	9.69 U
	GP32-S-5.0	03/05/2010	5	9.57 U	9.57 U	9.57 U	9.57 U	9.57 U	9.57 U
	GP32-S-12.0	03/05/2010	12	12.1 U	12.1 U	12.1 U	12.1 U	12.1 U	12.1 U
GP33	GP33-S-0.5	03/05/2010	0.5	12.2 U	12.2 U	12.2 U	12.2 U	12.2 U	12.2 U
	GP33-S-5.0	03/05/2010	5	9.9 U	9.9 U	9.9 U	9.9 U	9.9 U	9.9 U
	GP33-S-12.0	03/05/2010	12	11.4 U	11.4 U	11.4 U	11.4 U	11.4 U	11.4 U
GP35	GP35-S-14.0	03/04/2010	14	7.98 U	7.98 U	7.98 U	7.98 U	7.98 U	7.98 U
GP36	GP36-S-12.5	03/08/2010	12.5	11 U	11 U	11 U	11 U	11 U	11 U
GP37	GP37-S-0.5	03/05/2010	0.5	10.1 U	10.1 U	10.1 U	10.1 U	10.1 U	10.1 U
	GP37-S-5.0	03/05/2010	5	9.82 U	9.82 U	9.82 U	9.82 U	9.82 U	9.82 U
	GP37-S-12.5	03/05/2010	12.5	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U	11.1 U
GP38	GP38-S-0.5	03/05/2010	0.5	13.6 U	13.6 U	62.5	13.6 U	13.6 U	13.6 U
	GP38-S-12.0	03/05/2010	12	11.8 U	11.8 U	11.8 U	11.8 U	11.8 U	11.8 U

**Table 3-3
PCE and Breakdown Products in Soil (ug/kg)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington**

Location	Sample ID	Date	Sample Depth (feet bgs)	1,1-Dichloroethene	cis-1,2-Dichloroethene	PCE	trans-1,2-Dichloroethene	TCE	Vinyl chloride
MTCA Method A CUL				NV	NV	50	NV	30	NV
MTCA Method B CUL				4,000,000	160,000	480,000	1,600,000	11,000	670
GP39	GP39-S-0.5	03/05/2010	0.5	8.66 U	8.66 U	9.74	8.66 U	8.66 U	8.66 U
	GP39-S-5.0	03/05/2010	5	9.81 U	9.81 U	9.81 U	9.81 U	9.81 U	9.81 U
	GP39-S-12.0	03/05/2010	12	9.35 U	9.35 U	9.35 U	9.35 U	9.35 U	9.35 U
GP40	GP40-S-0.5	03/01/2010	0.5	7.77 U	7.77 U	13.3	7.77 U	7.77 U	7.77 U
	GP40-S-5.0	03/01/2010	5	7.74 U	7.74 U	7.74 U	7.74 U	7.74 U	7.74 U
	GP40-S-11.5	03/01/2010	11.5	7.41 U	7.41 U	7.41 U	7.41 U	7.41 U	7.41 U
GP41	GP41-S-0.5	03/01/2010	0.5	7.03 U	7.03 U	7.94	7.03 U	7.03 U	7.03 U
	GP41-S-5.0	03/01/2010	5	8.25 U	8.25 U	8.25 U	8.25 U	8.25 U	8.25 U
	GP41-S-12.5	03/01/2010	12.5	6.97 U	6.97 U	6.97 U	6.97 U	6.97 U	6.97 U
GP42	GP42-S-0.5	03/01/2010	0.5	6.67 U	6.67 U	16.1	6.67 U	6.67 U	6.67 U
	GP42-S-5.0	03/01/2010	5	6.96 U	6.96 U	26.2	6.96 U	6.96 U	6.96 U
	GP42-S-12.5	03/01/2010	12.5	7.95 U	7.95 U	10.7	7.95 U	7.95 U	7.95 U
GP43	GP43-S-0.5	03/02/2010	0.5	11.6 U	11.6 U	11.6 U	11.6 U	11.6 U	11.6 U
	GP43-S-5.0	03/02/2010	5	13.4 U	13.4 U	58.1	13.4 U	13.4 U	13.4 U
	GP43-S-12.5	03/02/2010	12.5	10.6 U	10.6 U	115	10.6 U	10.6 U	10.6 U
GP44	GP44-S-0.5	03/01/2010	0.5	6.89 U	6.89 U	54.0	6.89 U	6.89 U	6.89 U
	GP44-S-5.0	03/01/2010	5	8.11 U	8.11 U	8.11 U	8.11 U	8.11 U	8.11 U
	GP44-S-13.0	03/01/2010	13	7.86 U	7.86 U	7.86 U	7.86 U	7.86 U	7.86 U
GP45	GP45-S-0.5	03/01/2010	0.5	8.22 U	8.22 U	109	8.22 U	8.22 U	8.22 U
	GP45-S-5.0	03/01/2010	5	6.91 U	6.91 U	8.58	6.91 U	6.91 U	6.91 U
	GP45-S-12.5	03/01/2010	12.5	7.65 U	7.65 U	12.9	7.65 U	7.65 U	7.65 U
GP46	GP46-S-0.5	03/01/2010	0.5	6.8 U	6.8 U	98.7	6.8 U	6.8 U	6.8 U
	GP46-S-5.0	03/01/2010	5	6.61 U	6.61 U	6.61 U	6.61 U	6.61 U	6.61 U
	GP46-S-12.0	03/01/2010	12	7.96 U	7.96 U	74.3	7.96 U	7.96 U	7.96 U

Table 3-3
PCE and Breakdown Products in Soil (ug/kg)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Sample Depth (feet bgs)	1,1-Dichloroethene	cis-1,2-Dichloroethene	PCE	trans-1,2-Dichloroethene	TCE	Vinyl chloride
MTCA Method A CUL				NV	NV	50	NV	30	NV
MTCA Method B CUL				4,000,000	160,000	480,000	1,600,000	11,000	670
GP47	GP47-S-0.5	03/02/2010	0.5	18.6 U	18.6 U	19.8	18.6 U	18.6 U	18.6 U
	GP47-S-5.0	03/02/2010	5	12.5 U	12.5 U	31.1	12.5 U	12.5 U	12.5 U
	GP47-S-12.0	03/02/2010	12	12 U	12 U	6,820	12 U	12 U	12 U
GP48	GP48-S-0.5	03/03/2010	0.5	7.93 U	7.93 U	24.3	7.93 U	7.93 U	7.93 U
	GP48-S-5.0	03/03/2010	5	7.17 U	7.17 U	7.17 U	7.17 U	7.17 U	7.17 U
	GP48-S-12.5	03/03/2010	12.5	7.71 U	7.71 U	349	7.71 U	7.71 U	7.71 U
GP49	GP49-S-12.5	03/03/2010	12.5	8.06 U	8.06 U	8.06 U	8.06 U	8.06 U	8.06 U
GP50	GP50-S-0.5	03/01/2010	0.5	8.69 U	8.69 U	49.3	8.69 U	8.69 U	8.69 U
	GP50-S-5.0	03/01/2010	5	6.62 U	6.62 U	6.62 U	6.62 U	6.62 U	6.62 U
	GP50-S-12.5	03/01/2010	12.5	7.69 U	7.69 U	7.69 U	7.69 U	7.69 U	7.69 U
GP51	GP51-S-0.5	03/02/2010	0.5	9.14 U	9.14 U	147	9.14 U	9.14 U	9.14 U
	GP51-S-5.0	03/02/2010	5	6.26 U	6.26 U	23.4	6.26 U	6.26 U	6.26 U
	GP51-S-12.5	03/02/2010	12.5	8.18 U	8.18 U	117	8.18 U	8.18 U	8.18 U
GP52	GP52-S-0.5	03/03/2010	0.5	7.44 U	7.44 U	33.7	7.44 U	7.44 U	7.44 U
	GP52-S-5.0	03/03/2010	5	7.33 U	7.33 U	11.9	7.33 U	7.33 U	7.33 U
	GP52-S-12.5	03/03/2010	12.5	7.82 U	7.82 U	316,000	7.82 U	7.82 U	7.82 U
GP53	GP53-S-12.5	03/02/2010	12.5	7.88 U	7.88 U	7.88 U	7.88 U	7.88 U	7.88 U
GP54	GP54-S-0.5	03/02/2010	0.5	12.4 UJ	12.4 UJ	26.0 J	12.4 UJ	12.4 UJ	12.4 UJ
	GP54-S-5.0	03/02/2010	5	13 UJ	13 UJ	13 UJ	13 UJ	13 UJ	13 UJ
	GP54-S-12.5	03/02/2010	12.5	8.8 U	8.8 U	37.7	8.8 U	8.8 U	8.8 U
GP55	GP55-S-0.5	03/03/2010	0.5	6.94 U	6.94 U	6.94 U	6.94 U	6.94 U	6.94 U
	GP55-S-5.0	03/03/2010	5	7.61 U	7.61 U	7.61 U	7.61 U	7.61 U	7.61 U
	GP55-S-12.5	03/03/2010	12.5	9.81 U	9.81 U	862	9.81 U	9.81 U	9.81 U

**Table 3-3
PCE and Breakdown Products in Soil (ug/kg)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington**

Location	Sample ID	Date	Sample Depth (feet bgs)	1,1-Dichloroethene	cis-1,2-Dichloroethene	PCE	trans-1,2-Dichloroethene	TCE	Vinyl chloride
MTCA Method A CUL				NV	NV	50	NV	30	NV
MTCA Method B CUL				4,000,000	160,000	480,000	1,600,000	11,000	670
GP56	GP56-S-0.5	03/03/2010	0.5	12.5 UJ	12.5 UJ	12.5 UJ	12.5 UJ	12.5 UJ	12.5 UJ
	GP56-S-5.0	03/03/2010	5	13.1 UJ	13.1 UJ	13.1 UJ	13.1 UJ	13.1 UJ	13.1 UJ
	GP56-S-13.5	03/03/2010	13.5	7.8 U	7.8 U	49.1	7.8 U	7.8 U	7.8 U
GP57	GP57-S-14.0	03/03/2010	14	6.75 U	6.75 U	17.9	6.75 U	6.75 U	6.75 U
GP58	GP58-S-15.0	03/08/2010	15	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U	10.5 U
GP59	GP59-S-15.0	03/08/2010	15	10.7 U	10.7 U	10.7 U	10.7 U	10.7 U	10.7 U
GP60	GP60-S-14.5	03/08/2010	14.5	52.1 U	52.1 U	53.8	52.1 U	52.1 U	52.1 U
GP61	GP61-S-14.5	03/09/2010	14.5	10 U	10 U	10 U	10 U	10 U	10 U

NOTES:
All MTCA Method A and Method B CULs for 1,1-dichloroethene, cis-1,2-dichloroethene, trans-1,2-dichloroethene, and vinyl chloride are from Ecology July 2015 CLARC data tables. MTCA Method B CULs for TCE and PCE are from Ecology May 2015 CLARC guidance document.
Bold results indicate exceedance of MTCA Method B CULs.
Non-detect results are not evaluated against CULs.
Shaded results indicate exceedance of MTCA Method A CULs.
bgs = below ground surface.
CLARC = Cleanup Levels and Risk Calculation.
CUL = cleanup level.
Ecology = Washington State Department of Ecology.
J = Result is an estimated value.
MTCA = Model Toxics Control Act.
NV = no value.
PCE = tetrachloroethene.
TCE = trichloroethene.
U = not detected at or above method reporting limits.
ug/kg = micrograms per kilogram.
UJ = Result is non-detect and an estimated value.

Table 3-4
Soil Analytical Results 2014
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location:	GP82	GP83	GP84	GP85	GP86
Sample Name:	GP82-S-27.5	GP83-S-19.0	GP84-S-12.0	GP85-S-17.0	GP86-S-13.0
Collection Date:	09/17/2014	09/17/2014	09/17/2014	09/17/2014	09/17/2014
Collection Depth (ft bgs):	27.5	19.0	12.0	17.0	13.0
Conventionals (mg/kg)					
Chemical Oxygen Demand	170	18	250	38	6.6 U
Total Organic Carbon	470	330	1300	590	240
NOTES: ft bgs = feet below ground surface. mg/kg = milligrams per kilogram. U = Result is non-detect at or above method reporting limit.					

Table 3-5
Volatile Organic Compound Detections in Reconnaissance Groundwater (ug/L)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample Name	Date	Sample Depth (feet bgs)	1,1,1,2-Tetra-chloroethane	1,2,4-Trimethyl-benzene	1,3,5-Trimethyl-benzene	Chloroform
MTCA Method A CUL				NV	NV	NV	NV
MTCA Method B CUL				1.68	NV	80	1.41 ^a
B5	B5-W-12.5	03/03/2010	12.5	--	--	--	--
B6	B6-W-12.0	03/05/2010	12	--	--	--	--
B7	B7-W-14.0	03/03/2010	14	--	--	--	--
B8	B8-W-14.5	03/08/2010	14.5	--	--	--	--
B9	B9-W-19.0	03/09/2010	19	--	--	--	1.49
	B9-W-75.0	03/22/2010	75	--	--	--	--
	B9-W-75.0-Dup	03/22/2010	75	--	--	--	--
	B9-W-89.0	03/22/2010	89	--	--	--	--
B10	B10-W-33.0	03/23/2010	33	--	--	--	--
	B10-W-57.0	03/24/2010	57	--	--	--	--
B11	B11-W-88.0	03/26/2010	88	--	--	--	--
GP27	GP27-W-12.5	03/04/2010	12.5	--	--	--	--
GP28	GP28-W-14.0	03/04/2010	14	--	--	--	--
GP28	GP28-W-14.0-Dup	03/04/2010	14	--	--	--	--
GP35	GP35-W-14.0	03/04/2010	14	--	--	--	--
GP38	GP38-W-12.0	03/05/2010	12	--	--	--	--
GP39	GP39-W-12.0	03/05/2010	12	--	--	--	--
GP41	GP41-W-12.5	03/01/2010	12.5	--	--	--	--
GP42	GP42-W-12.5	03/01/2010	12.5	--	--	--	--
GP43	GP43-W-12.5	03/02/2010	12.5	--	--	--	--
GP44	GP44-W-13.0	03/01/2010	13	--	--	--	--
GP45	GP45-W-12.5	03/01/2010	12.5	--	--	--	--
GP46	GP46-W-12.0	03/01/2010	12	--	--	--	--
GP47	GP47-W-12.0	03/02/2010	12	--	--	--	--

Table 3-5
Volatile Organic Compound Detections in Reconnaissance Groundwater (ug/L)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample Name	Date	Sample Depth (feet bgs)	cis-1,2-Dichloroethene	PCE	TCE	Vinyl chloride
MTCA Method A CUL				NV	5	5	0.2
MTCA Method B CUL				16	5	4	0.029
B5	B5-W-12.5	03/03/2010	12.5	--	6510	4.71	--
B6	B6-W-12.0	03/05/2010	12	--	1.00	--	--
B7	B7-W-14.0	03/03/2010	14	--	5.87	--	--
B8	B8-W-14.5	03/08/2010	14.5	--	2600	2.54	--
B9	B9-W-19.0	03/09/2010	19	--	60.0	2.87	--
	B9-W-75.0	03/22/2010	75	--	5.29	1.32	--
	B9-W-75.0-Dup	03/22/2010	75	--	5.16	1.47	--
	B9-W-89.0	03/22/2010	89	--	5.46	--	--
B10	B10-W-33.0	03/23/2010	33	--	3.69	1.36	--
	B10-W-57.0	03/24/2010	57	--	4.69	--	--
B11	B11-W-88.0	03/26/2010	88	--	1.81	--	--
GP27	GP27-W-12.5	03/04/2010	12.5	--	1.03	--	--
GP28	GP28-W-14.0	03/04/2010	14	--	1.17	--	--
GP28	GP28-W-14.0-Dup	03/04/2010	14	--	1.21	--	--
GP35	GP35-W-14.0	03/04/2010	14	--	1.66	--	--
GP38	GP38-W-12.0	03/05/2010	12	--	3.78	--	--
GP39	GP39-W-12.0	03/05/2010	12	--	1.97	--	--
GP41	GP41-W-12.5	03/01/2010	12.5	--	7.49	--	--
GP42	GP42-W-12.5	03/01/2010	12.5	--	111	--	--
GP43	GP43-W-12.5	03/02/2010	12.5	--	3670	7.46	--
GP44	GP44-W-13.0	03/01/2010	13	--	11.9	--	--
GP45	GP45-W-12.5	03/01/2010	12.5	--	21.8	--	--
GP46	GP46-W-12.0	03/01/2010	12	--	1710	1.01	--
GP47	GP47-W-12.0	03/02/2010	12	--	5090	12.1	--

Table 3-5
Volatile Organic Compound Detections in Reconnaissance Groundwater (ug/L)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample Name	Date	Sample Depth (feet bgs)	1,1,1,2-Tetra-chloroethane	1,2,4-Trimethyl-benzene	1,3,5-Trimethyl-benzene	Chloroform
MTCA Method A CUL				NV	NV	NV	NV
MTCA Method B CUL				1.68	NV	80	1.41 ^a
GP48	GP48-W-12.5	03/03/2010	12.5	--	--	--	--
GP49	GP49-W-12.5	03/03/2010	12.5	--	--	--	--
GP50	GP50-W-12.5	03/01/2010	12.5	--	--	--	--
GP51	GP51-W-12.5	03/02/2010	12.5	--	--	--	--
GP52	GP52-W-12.5	03/03/2010	12.5	3.63	1.57	1.02	--
GP53	GP53-W-12.5	03/02/2010	12.5	--	--	--	--
GP54	GP54-W-12.5	03/02/2010	12.5	--	--	--	--
GP55	GP55-W-12.5	03/03/2010	12.5	--	--	--	--
GP56	GP56-W-13.5	03/03/2010	13.5	--	--	--	--
GP57	GP57-W-14.0	03/03/2010	14	--	--	--	--
GP58	GP58-W-15.0	03/08/2010	15	--	--	--	--
GP59	GP59-W-15.0	03/08/2010	15	--	--	--	--
GP60	GP60-W-14.5	03/08/2010	14.5	--	--	--	--
GP61	GP61-W-14.5	03/09/2010	14.5	--	--	--	--
GP62	GP62-W-15.0	10/19/2010	15	--	--	--	--
GP63	GP63-W-21.0	10/19/2010	21	--	--	--	--
GP65	GP65-W-21.0	10/18/2010	21	--	--	--	--
GP66	GP66-W-15.0	10/18/2010	15	--	--	--	--
GP67	GP67-W-17.0	10/18/2010	17	--	--	--	--

Table 3-5
Volatile Organic Compound Detections in Reconnaissance Groundwater (ug/L)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample Name	Date	Sample Depth (feet bgs)	cis-1,2-Dichloroethene	PCE	TCE	Vinyl chloride
MTCA Method A CUL				NV	5	5	0.2
MTCA Method B CUL				16	5	4	0.029
GP48	GP48-W-12.5	03/03/2010	12.5	--	915	1.31	--
GP49	GP49-W-12.5	03/03/2010	12.5	--	24.5	--	--
GP50	GP50-W-12.5	03/01/2010	12.5	--	6.14	--	--
GP51	GP51-W-12.5	03/02/2010	12.5	--	660	--	--
GP52	GP52-W-12.5	03/03/2010	12.5	--	37700	20.4	--
GP53	GP53-W-12.5	03/02/2010	12.5	--	3.38	--	--
GP54	GP54-W-12.5	03/02/2010	12.5	--	148	--	--
GP55	GP55-W-12.5	03/03/2010	12.5	--	1970	--	--
GP56	GP56-W-13.5	03/03/2010	13.5	--	37.4	--	--
GP57	GP57-W-14.0	03/03/2010	14	--	2.44	--	--
GP58	GP58-W-15.0	03/08/2010	15	--	3.46	1.64	--
GP59	GP59-W-15.0	03/08/2010	15	--	5.39	1.96	--
GP60	GP60-W-14.5	03/08/2010	14.5	--	27.8	4.87	--
GP61	GP61-W-14.5	03/09/2010	14.5	--	18.6	--	--
GP62	GP62-W-15.0	10/19/2010	15	--	16.0	4.92	--
GP63	GP63-W-21.0	10/19/2010	21	--	4.25	--	--
GP65	GP65-W-21.0	10/18/2010	21	1.52	1630	436	2.23
GP66	GP66-W-15.0	10/18/2010	15	--	2.12	--	--
GP67	GP67-W-17.0	10/18/2010	17	--	175	6.41	--

Table 3-5
Volatile Organic Compound Detections in Reconnaissance Groundwater (ug/L)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

NOTES:

All MTCA Method A CULs and Method B CULs for 1,1-dichloroethene, cis-1,2-dichloroethene, trans-1,2-dichloroethene, and vinyl chloride are from Ecology July 2015 CLARC data tables. MTCA Method B CULs for TCE and PCE are from Ecology May 2015 CLARC guidance document.

Bold results indicate exceedance of MTCA Method B CULs.

Shaded results indicate exceedance of MTCA Method A CULs.

-- = not detected at or above method reporting limits.

bgs = below ground surface.

CLARC = Cleanup Levels and Risk Calculation.

CUL = cleanup level.

Ecology = Washington State Department of Ecology.

MTCA = Model Toxics Control Act.

NV = no value.

PCE = tetrachloroethene.

TCE = trichloroethene.

ug/L = micrograms per liter.

^aMTCA Method B result is value associated risk for cancer.

Table 3-6
PCE and Breakdown Products in Reconnaissance Groundwater (ug/L)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Sample Depth (feet bgs)	1,1-Dichloroethene	cis-1,2-Dichloroethene	PCE	trans-1,2-Dichloroethene	TCE	Vinyl chloride
MTCA Method A CUL				NV	NV	5	NV	5	0.2
MTCA Method B CUL				400	16	5	160	4	0.029
B5	B5-W-12.5	03/03/2010	12.5	1 U	1 U	6510	1 U	4.71	1 U
B6	B6-W-12.0	03/05/2010	12	1 U	1 U	1	1 U	1 U	1 U
B7	B7-W-14.0	03/03/2010	14	1 U	1 U	5.87	1 U	1 U	1 U
B8	B8-W-14.5	03/08/2010	14.5	1 U	1 U	2600	1 U	2.54	1 U
B9	B9-W-19.0	03/09/2010	19	1 U	1 U	60	1 U	2.87	1 U
	B9-W-75.0	03/22/2010	75	1 U	1 U	5.29	1 U	1.32	1 U
	B9-W-75.0-Dup	03/22/2010	75	1 U	1 U	5.16	1 U	1.47	1 U
	B9-W-89.0	03/22/2010	89	1 U	1 U	5.46	1 U	1 U	1 U
B10	B10-W-33.0	03/23/2010	33	1 U	1 U	3.69	1 U	1.36	1 U
	B10-W-57.0	03/24/2010	57	1 U	1 U	4.69	1 U	1 U	1 U
B11	B11-W-88.0	03/26/2010	88	1 U	1 U	1.81	1 U	1 U	1 U
GP24	GP24-W-11.0	03/08/2010	11	1 U	1 U	1 U	1 U	1 U	1 U
GP25	GP25-W-11.5	03/04/2010	11.5	1 U	1 U	1 U	1 U	1 U	1 U
GP26	GP26-W-11.0	03/04/2010	11	1 U	1 U	1 U	1 U	1 U	1 U
GP27	GP27-W-12.5	03/04/2010	12.5	1 U	1 U	1.03	1 U	1 U	1 U
GP28	GP28-W-14.0	03/04/2010	14	1 U	1 U	1.17	1 U	1 U	1 U
	GP28-W-14.0-Dup	03/04/2010	14	1 U	1 U	1.21	1 U	1 U	1 U
GP29	GP29-W-12.0	03/08/2010	12	1 U	1 U	1 U	1 U	1 U	1 U
GP32	GP32-W-12.0	03/05/2010	12	1 U	1 U	1 U	1 U	1 U	1 U
GP33	GP33-W-12.0	03/05/2010	12	1 U	1 U	1 U	1 U	1 U	1 U
GP35	GP35-W-14.0	03/04/2010	14	1 U	1 U	1.66	1 U	1 U	1 U
GP36	GP36-W-12.5	03/08/2010	12.5	1 U	1 U	1 U	1 U	1 U	1 U

Table 3-6
PCE and Breakdown Products in Reconnaissance Groundwater (ug/L)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Sample Depth (feet bgs)	1,1-Dichloroethene	cis-1,2-Dichloroethene	PCE	trans-1,2-Dichloroethene	TCE	Vinyl chloride
MTCA Method A CUL				NV	NV	5	NV	5	0.2
MTCA Method B CUL				400	16	5	160	4	0.029
GP38	GP38-W-12.0	03/05/2010	12	1 U	1 U	3.78	1 U	1 U	1 U
GP39	GP39-W-12.0	03/05/2010	12	1 U	1 U	1.97	1 U	1 U	1 U
GP40	GP40-W-11.5	03/01/2010	11.5	1 U	1 U	1 U	1 U	1 U	1 U
GP41	GP41-W-12.5	03/01/2010	12.5	1 U	1 U	7.49	1 U	1 U	1 U
GP42	GP42-W-12.5	03/01/2010	12.5	1 U	1 U	111	1 U	1 U	1 U
GP43	GP43-W-12.5	03/02/2010	12.5	1 U	1 U	3670	1 U	7.46	1 U
GP44	GP44-W-13.0	03/01/2010	13	1 U	1 U	11.9	1 U	1 U	1 U
GP45	GP45-W-12.5	03/01/2010	12.5	1 U	1 U	21.8	1 U	1 U	1 U
GP46	GP46-W-12.0	03/01/2010	12	1 U	1 U	1710	1 U	1.01	1 U
GP47	GP47-W-12.0	03/02/2010	12	1 U	1 U	5090	1 U	12.1	1 U
GP48	GP48-W-12.5	03/03/2010	12.5	1 U	1 U	915	1 U	1.31	1 U
GP49	GP49-W-12.5	03/03/2010	12.5	1 U	1 U	24.5	1 U	1 U	1 U
GP50	GP50-W-12.5	03/01/2010	12.5	1 U	1 U	6.14	1 U	1 U	1 U
GP51	GP51-W-12.5	03/02/2010	12.5	1 U	1 U	660	1 U	1 U	1 U
GP52	GP52-W-12.5	03/03/2010	12.5	1 U	1 U	37,700	1 U	20.4	1 U
GP53	GP53-W-12.5	03/02/2010	12.5	1 U	1 U	3.38	1 U	1 U	1 U
GP54	GP54-W-12.5	03/02/2010	12.5	1 U	1 U	148	1 U	1 U	1 U
GP55	GP55-W-12.5	03/03/2010	12.5	1 U	1 U	1970	1 U	1 U	1 U
GP56	GP56-W-13.5	03/03/2010	13.5	1 U	1 U	37.4	1 U	1 U	1 U
GP57	GP57-W-14.0	03/03/2010	14	1 U	1 U	2.44	1 U	1 U	1 U
GP58	GP58-W-15.0	03/08/2010	15	1 U	1 U	3.46	1 U	1.64	1 U
GP59	GP59-W-15.0	03/08/2010	15	1 U	1 U	5.39	1 U	1.96	1 U

Table 3-6
PCE and Breakdown Products in Reconnaissance Groundwater (ug/L)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Sample Depth (feet bgs)	1,1-Dichloroethene	cis-1,2-Dichloroethene	PCE	trans-1,2-Dichloroethene	TCE	Vinyl chloride
MTCA Method A CUL				NV	NV	5	NV	5	0.2
MTCA Method B CUL				400	16	5	160	4	0.029
GP60	GP60-W-14.5	03/08/2010	14.5	1 U	1 U	27.8	1 U	4.87	1 U
GP61	GP61-W-14.5	03/09/2010	14.5	1 U	1 U	18.6	1 U	1 U	1 U
GP62	GP62-W-15.0	10/19/2010	15	1 U	1 U	16	1 U	4.92	1 U
GP63	GP63-W-21.0	10/19/2010	21	1 U	1 U	4.25	1 U	1 U	1 U
GP64	GP64-W-15.0	10/18/2010	15	1 U	1 U	1 U	1 U	1 U	1 U
GP65	GP65-W-21.0	10/18/2010	21	1 U	1.52	1630	1 U	436	2.23
GP66	GP66-W-15.0	10/18/2010	15	1 U	1 U	2.12	1 U	1 U	1 U
GP67	GP67-W-17.0	10/18/2010	17	1 U	1 U	175	1 U	6.41	1 U
GP68	GP68-W-15.5	06/21/2011	15.5	1 U	1 U	1 U	1 U	1 U	1 U
GP69	GP69-W-17.0	06/21/2011	17	1 U	1 U	1 U	1 U	1 U	1 U
GP70	GP70-W-17.0	06/21/2011	17	1 U	1 U	1 U	1 U	1 U	1 U
GP71	GP71-W-22.1	06/21/2011	22.1	1 U	1 U	1 U	1 U	1 U	1 U
GP72	GP72-W-20.0	06/20/2011	20	1 U	1 U	1 U	1 U	1 U	1 U
GP73	GP73-W-19.0	06/17/2011	19	1 U	1 U	63.2	1 U	4.83	1 U
GP74	GP74-W-17.0	06/17/2011	17	1 U	6.24	150	1 U	6.44	1 U
GP75	GP75-W-18.5	06/16/2011	18.5	1 U	23.1	268	4.54	18.3	1 U
GP76	GP76-W-18.8	06/16/2011	18.8	1 U	7.12	119	1 U	6.39	1 U
GP77	GP77-W-19.0	06/16/2011	19	1 U	5.88	316	4.59	16.3	1 U
GP78	GP78-W-31.0	06/20/2011	31	1 U	1 U	1 U	1 U	1 U	1 U
GP79	GP79-W-21.0	06/17/2011	21	1 U	1 U	4.47	1 U	1 U	1 U
	GP79-W-21.0-DUP	06/17/2011	21	1 U	1 U	4.51	1 U	1 U	1 U

Table 3-6
PCE and Breakdown Products in Reconnaissance Groundwater (ug/L)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Sample Depth (feet bgs)	1,1-Dichloroethene	cis-1,2-Dichloroethene	PCE	trans-1,2-Dichloroethene	TCE	Vinyl chloride
MTCA Method A CUL				NV	NV	5	NV	5	0.2
MTCA Method B CUL				400	16	5	160	4	0.029
GP80	GP80-W-30.0	06/17/2011	30	1 U	1 U	5.76	1 U	5.85	1 U
GP81	GP81-W-19.0	06/23/2011	19	1 U	1 U	1 U	1 U	1 U	1 U

NOTES:

All MTCA Method A and Method B CULs-for 1,1-dichloroethene, cis-1,2-dichloroethene, trans-1,2-dichloroethene, and vinyl chloride are from Ecology July 2015 CLARC data tables. MTCA Method B CULs for TCE and PCE are from Ecology May 2015 CLARC guidance document.

Bold results indicate exceedance of MTCA Method B CULs.

Non-detect results are not evaluated against CULs.

Shaded results indicate exceedance of MTCA Method A CULs.

bgs = below ground surface.

CLARC = Cleanup Levels and Risk Calculation.

CUL = cleanup level.

Ecology = Washington State Department of Ecology.

MTCA = Model Toxics Control Act.

NV = no value.

PCE = tetrachloroethene.

TCE = trichloroethene.

U = not detected at or above the method reporting limit.

ug/L = micrograms per liter.

¹MTCA Method B result is value associated risk for cancer.

Table 3-7
Water Level Elevations in Monitoring Wells
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Date	Water Level (feet bgs)	TOC Elevation (feet MSL)	Water Level Elevation (feet MSL)
MW01	06/24/2011	5.89	85.20	79.31
	03/17/2012	3.11	85.20	82.09
	06/18/2012	5.88	85.20	79.32
	10/03/2012	7.18	85.20	78.02
	11/12/2012	4.71	85.20	80.49
	12/18/2012	2.79	85.20	82.41
	04/04/2013	4.83	85.20	80.37
	06/03/2013	4.93	85.20	80.27
	07/30/2013	6.12	85.20	79.08
	09/24/2013	5.85	85.20	79.35
	12/20/2013	5.19	85.20	80.01
	03/24/2014	4.24	85.20	80.96
	06/23/2014	5.1	85.20	80.10
	09/09/2014	6.57	85.20	78.63
	12/03/2014	4.49	85.20	80.71
	03/03/2015	4.42	85.20	80.78
	06/09/2015	5.01	85.20	80.19
	09/14/2015	7.65	85.20	77.55
	12/21/2015	2.68	85.20	82.52
	03/21/2016	3.72	85.20	81.48
09/06/2016	7.01	85.20	78.19	
MW02	06/24/2011	5.75	84.78	79.03
	03/17/2012	1.6	84.78	83.18
	06/18/2012	5.28	84.78	79.50
	10/03/2012	7.93	84.78	76.85
	11/12/2012	5.02	84.78	79.76
	12/18/2012	1.55	84.78	83.23
	04/04/2013	5.1	84.78	79.68
	06/03/2013	4.78	84.78	80.00
	07/30/2013	7.11	84.78	77.67
	09/24/2013	5.85	84.78	78.93
	12/20/2013	5.96	84.78	78.82
	03/24/2014	4.18	84.78	80.60
	06/23/2014	5.79	84.78	78.99
	09/09/2014	7.42	84.78	77.36
	12/03/2014	4.86	84.78	79.92
	03/03/2015	4.71	84.78	80.07
	06/09/2015	5.87	84.78	78.91
	09/14/2015	7.99	84.78	76.79
	12/21/2015	1.44	84.78	83.34
	03/21/2016	3.82	84.78	80.96
09/06/2016	7.33	84.78	77.45	

Table 3-7
Water Level Elevations in Monitoring Wells
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Date	Water Level (feet bgs)	TOC Elevation (feet MSL)	Water Level Elevation (feet MSL)
MW03	06/24/2011	6.25	84.70	78.45
	03/17/2012	1.4	84.70	83.30
	06/18/2012	5.89	84.70	78.81
	10/03/2012	8.45	84.70	76.25
	11/12/2012	6.55	84.70	78.15
	12/18/2012	2.45	84.70	82.25
	04/04/2013	9.2	84.70	75.50
	06/03/2013	5.69	84.70	79.01
	07/30/2013	7.45	84.70	77.25
	09/24/2013	7.39	84.70	77.31
	12/20/2013	6.82	84.70	77.88
	03/24/2014	4.89	84.70	79.81
	06/23/2014	6.69	84.70	78.01
	09/09/2014	8.26	84.70	76.44
	12/03/2014	5.95	84.70	78.75
	03/03/2015	3.96	84.70	80.74
	06/09/2015	6.9	84.70	77.80
	09/14/2015	8.79	84.70	75.91
	12/21/2015	2.23	84.70	82.47
	03/21/2016	3.71	84.70	80.99
09/08/2016	8.20	84.70	76.50	
MW04	06/24/2011	5.98	83.05	77.07
	03/17/2012	3.18	83.05	79.87
	06/18/2012	5.62	83.05	77.43
	10/03/2012	7.96	83.05	75.09
	11/12/2012	6.09	83.05	76.96
	12/18/2012	2.93	83.05	80.12
	04/04/2013	5.6	83.05	77.45
	06/04/2013	5.91	83.05	77.14
	07/30/2013	7.22	83.05	75.83
	09/24/2013	6.67	83.05	76.38
	12/20/2013	6.69	83.05	76.36
	03/24/2014	4.89	83.05	78.16
	06/23/2014	6.29	83.05	76.76
	09/09/2014	7.65	83.05	75.40
	12/03/2014	5.74	83.05	77.31
	03/03/2015	5.4	83.05	77.65
	06/09/2015	6.56	83.05	76.49
	09/14/2015	8.24	83.05	74.81
	12/21/2015	2.87	83.05	80.18
	03/21/2016	3.85	83.05	79.20
09/06/2016	7.68	83.05	75.37	

Table 3-7
Water Level Elevations in Monitoring Wells
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Date	Water Level (feet bgs)	TOC Elevation (feet MSL)	Water Level Elevation (feet MSL)
MW05	06/24/2011	7.46	83.46	76.00
	03/17/2012	6.19	83.46	77.27
	06/18/2012	7.20	83.46	76.26
	10/03/2012	9.56	83.46	73.90
	11/12/2012	8.40	83.46	75.06
	12/18/2012	5.92	83.46	77.54
	04/04/2013	7.46	83.46	76.00
	06/03/2013	7.65	83.46	75.81
	07/30/2013	8.88	83.46	74.58
	09/24/2013	8.57	83.46	74.89
	12/20/2013	8.68	83.46	74.78
	03/24/2014	6.85	83.46	76.61
	06/23/2014	8.09	83.46	75.37
	09/09/2014	9.51	83.46	73.95
	12/03/2014	8.19	83.46	75.27
	03/03/2015	7.27	83.46	76.19
	06/09/2015	8.45	83.46	75.01
	09/14/2015	10.13	83.46	73.33
	12/21/2015	5.55	83.46	77.91
	03/21/2016	5.16	83.46	78.30
09/06/2016	9.42	83.46	74.04	
MW06	06/24/2011	7.96	85.11	77.15
	03/17/2012	7.45	85.11	77.66
	06/18/2012	7.61	85.11	77.50
	10/03/2012	9.78	85.11	75.33
	11/12/2012	9.21	85.11	75.90
	12/18/2012	7.29	85.11	77.82
	04/04/2013	8.58	85.11	76.53
	06/03/2013	9.5	85.11	75.61
	07/30/2013	8.9	85.11	76.21
	09/24/2013	9.21	85.11	75.90
	12/20/2013	9.49	85.11	75.62
	03/24/2014	7.6	85.11	77.51
	06/23/2014	8.64	85.11	76.47
	09/09/2014	9.98	85.11	75.13
	12/03/2014	9.07	85.11	76.04
	03/03/2015	8.15	85.11	76.96
	06/09/2015	9.15	85.11	75.96
	09/14/2015	10.42	85.11	74.69
	12/21/2015	7.88	85.11	77.23
	03/21/2016	6.12	85.11	78.99
09/06/2016	9.78	85.11	75.33	

Table 3-7
Water Level Elevations in Monitoring Wells
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Date	Water Level (feet bgs)	TOC Elevation (feet MSL)	Water Level Elevation (feet MSL)
MW07	06/24/2011	9.01	82.01	73.00
	03/16/2012	8.85	82.01	73.16
	06/18/2012	8.89	82.01	73.12
	10/03/2012	11.11	82.01	70.90
	11/12/2012	11.4	82.01	70.61
	12/18/2012	9.88	82.01	72.13
	04/04/2013	9.75	82.01	72.26
	06/04/2013	9.88	82.01	72.13
	07/30/2013	10.67	82.01	71.34
	09/24/2013	11.66	82.01	70.35
	12/20/2013	11.75	82.01	70.26
	03/24/2014	9.91	82.01	72.10
	06/23/2014	10	82.01	72.01
	09/09/2014	11.43	82.01	70.58
	12/03/2014	11.94	82.01	70.07
	03/03/2015	9.75	82.01	72.26
	06/09/2015	10.59	82.01	71.42
	09/14/2015	12.26	82.01	69.75
	12/21/2015	10.28	82.01	71.73
	03/21/2016	6.88	82.01	75.13
09/06/2016	11.19	82.01	70.82	
MW08	03/16/2012	7.21	19.46	12.25
	06/18/2012	6.58	19.46	12.88
	10/03/2012	10.15	19.46	9.31
	11/12/2012	9.83	19.46	9.63
	12/18/2012	7.39	19.46	12.07
	04/04/2013	9	19.46	10.46
	06/02/2013	8.33	19.46	11.13
	07/30/2013	9.9	19.46	9.56
	09/24/2013	10.67	19.46	8.79
	12/20/2013	10.35	19.46	9.11
	03/24/2014	7.95	19.46	11.51
	06/23/2014	8.39	19.46	11.07
	09/09/2014	10.68	19.46	8.78
	12/03/2014	17.09	27.11	10.02
	03/03/2015	16.01	27.11	11.10
	06/09/2015	17.07	27.11	10.04
	09/14/2015	18.75	27.11	8.36
	12/21/2015	14.53	27.11	12.58
03/21/2016	13.72	27.11	13.39	
09/06/2016	18.12	27.11	8.99	

Table 3-7
Water Level Elevations in Monitoring Wells
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Date	Water Level (feet bgs)	TOC Elevation (feet MSL)	Water Level Elevation (feet MSL)
MW09	03/14/2012	2.87	76.69	73.82
	06/18/2012	5.43	76.69	71.26
	10/03/2012	7.54	76.69	69.15
	11/12/2012	5.59	76.69	71.10
	12/18/2012	2.56	76.69	74.13
	04/04/2013	5.1	76.69	71.59
	06/03/2013	5	76.69	71.69
	07/30/2013	6.87	76.69	69.82
	09/24/2013	6.75	76.69	69.94
	12/20/2013	6.51	76.69	70.18
	03/24/2014	4.53	76.69	72.16
	06/23/2014	6.07	76.69	70.62
	09/09/2014	7.4	76.69	69.29
	12/03/2014	4.71	76.69	71.98
	03/03/2015	4.94	76.69	71.75
	06/09/2015	6.2	76.69	70.49
	09/14/2015	7.85	76.69	68.84
	12/21/2015	2.41	76.69	74.28
03/21/2016	3.94	76.69	72.75	
09/06/2016	7.27	76.69	69.42	
MW10	03/13/2012	10.71	81.06	70.35
	06/18/2012	9.93	81.06	71.13
	10/03/2012	11.86	81.06	69.20
	11/12/2012	12.25	81.06	68.81
	12/18/2012	11.06	81.06	70.00
	04/04/2013	10.52	81.06	70.54
	06/04/2013	10.95	81.06	70.11
	07/30/2013	11.55	81.06	69.51
	09/24/2013	12.41	81.06	68.65
	12/20/2013	12.73	81.06	68.33
	03/24/2014	10.91	81.06	70.15
	06/23/2014	10.96	81.06	70.10
	09/09/2014	12.2	81.06	68.86
	12/03/2014	12.83	81.06	68.23
	03/03/2015	10.8	81.06	70.26
	06/09/2015	11.49	81.06	69.57
	09/14/2015	12.98	81.06	68.08
	12/21/2015	11.95	81.06	69.11
03/21/2016	8.07	81.06	72.99	
09/06/2016	11.96	81.06	69.10	

Table 3-7
Water Level Elevations in Monitoring Wells
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Date	Water Level (feet bgs)	TOC Elevation (feet MSL)	Water Level Elevation (feet MSL)
MW11	03/13/2012	9.75	78.00	68.25
	06/18/2012	9.78	78.00	68.22
	10/03/2012	10.91	78.00	67.09
	11/12/2012	10.92	78.00	67.08
	12/20/2012	9.5	78.00	68.50
	04/04/2013	10.68	78.00	67.32
	06/04/2013	11.9	78.00	66.10
	07/30/2013	11.4	78.00	66.60
	09/24/2013	11.12	78.00	66.88
	12/20/2013	11.4	78.00	66.60
	03/24/2014	9.68	78.00	68.32
	06/23/2014	10.13	78.00	67.87
	09/09/2014	10.84	78.00	67.16
	12/03/2014	10.91	78.00	67.09
	03/03/2015	9.83	78.00	68.17
	06/09/2015	10.32	78.00	67.68
	09/14/2015	11.28	78.00	66.72
	12/21/2015	9.06	78.00	68.94
03/21/2016	8.44	78.00	69.56	
09/06/2016	10.67	78.00	67.33	
MW13	03/14/2012	6.00	74.02	68.02
	06/18/2012	6.93	74.02	67.09
	10/03/2012	8.91	74.02	65.11
	11/12/2012	8.16	74.02	65.86
	12/18/2012	5.42	74.02	68.60
	04/04/2013	7.07	74.02	66.95
	06/04/2013	8.47	74.02	65.55
	07/30/2013	8.72	74.02	65.30
	09/24/2013	8.82	74.02	65.20
	12/20/2013	8.18	74.02	65.84
	03/24/2014	6.58	74.02	67.44
	06/23/2014	7.53	74.02	66.49
	09/09/2014	8.89	74.02	65.13
	12/03/2014	7.97	74.02	66.05
	03/03/2015	6.94	74.02	67.08
	06/09/2015	7.75	74.02	66.27
	09/14/2015	9.71	74.02	64.31
	12/21/2015	5.15	74.02	68.87
03/21/2016	5.68	74.02	68.34	
09/06/2016	8.73	74.02	65.29	

Table 3-7
Water Level Elevations in Monitoring Wells
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Date	Water Level (feet bgs)	TOC Elevation (feet MSL)	Water Level Elevation (feet MSL)
MW14	03/12/2012	10.74	78.13	67.39
	06/18/2012	8.50	78.13	69.63
	10/03/2012	13.21	78.13	64.92
	11/12/2012	13.92	78.13	64.21
	12/18/2012	11.08	78.13	67.05
	04/04/2013	11.65	78.13	66.48
	06/04/2013	12.11	78.13	66.02
	07/30/2013	12.57	78.13	65.56
	09/24/2013	11.17	78.13	66.96
	12/20/2013	11.84	78.13	66.29
	03/24/2014	10.89	78.13	67.24
	06/23/2014	11.87	78.13	66.26
	09/09/2014	12.94	78.13	65.19
	12/03/2014	10.81	78.13	67.32
	03/03/2015	11.4	78.13	66.73
	06/09/2015	11.89	78.13	66.24
	09/14/2015	13.79	78.13	64.34
	12/21/2015	8.84	78.13	69.29
03/21/2016	9.49	78.13	68.64	
09/06/2016	12.50	78.13	65.63	
MW15	03/15/2012	38.95	51.45	12.50
	06/18/2012	37.70	51.45	13.75
	10/03/2012	40.80	51.45	10.65
	11/12/2012	40.96	51.45	10.49
	12/18/2012	39.13	51.45	12.32
	04/04/2013	39.95	51.45	11.50
	06/04/2013	39.52	51.45	11.93
	07/30/2013	40.62	51.45	10.83
	09/24/2013	41.74	51.45	9.71
	12/20/2013	41.52	51.45	9.93
	03/24/2014	39.17	51.45	12.28
	06/23/2014	39.48	51.45	11.97
	09/09/2014	41.39	51.45	10.06
	12/03/2014	41.19	51.45	10.26
	03/03/2015	39.38	51.45	12.07
	06/09/2015	40.53	51.45	10.92
	09/14/2015	42.35	51.45	9.10
	12/21/2015	39.11	51.45	12.34
03/22/2016	37.60	51.45	13.85	
09/06/2016	41.45	51.45	10.00	

Table 3-7
Water Level Elevations in Monitoring Wells
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Date	Water Level (feet bgs)	TOC Elevation (feet MSL)	Water Level Elevation (feet MSL)
MW16	03/15/2012	37.42	50.02	12.60
	06/18/2012	36.14	50.02	13.88
	10/03/2012	39.39	50.02	10.63
	11/12/2012	39.55	50.02	10.47
	12/18/2012	37.59	50.02	12.43
	04/04/2013	38.53	50.02	11.49
	06/04/2013	38.02	50.02	12.00
	07/01/2013	39.21	50.02	10.81
	09/24/2013	40.32	50.02	9.70
	12/20/2013	40.05	50.02	9.97
	03/24/2014	37.72	50.02	12.30
	06/23/2014	38.05	50.02	11.97
	09/09/2014	39.98	50.02	10.04
	12/03/2014	39.74	50.02	10.28
	03/03/2015	37.93	50.02	12.09
	06/09/2015	39.11	50.02	10.91
	09/14/2015	40.95	50.02	9.07
	12/21/2015	37.52	50.02	12.50
03/21/2016	36.02	50.02	14.00	
09/06/2016	40.07	50.02	9.95	
MW17	04/04/2013	11.08	79.88	68.80
	06/04/2013	11.69	79.88	68.19
	07/30/2013	12.02	79.88	67.86
	09/24/2013	12.84	79.88	67.04
	12/20/2013	13.1	79.88	66.78
	03/24/2014	11.76	79.88	68.12
	06/23/2014	11.55	79.88	68.33
	09/09/2014	12.69	79.88	67.19
	12/03/2014	13.35	79.88	66.53
	03/03/2015	11.49	79.88	68.39
	06/09/2015	12.06	79.88	67.82
	09/14/2015	13.46	79.88	66.42
	12/21/2015	12.35	79.88	67.53
	03/21/2016	8.78	79.88	71.10
09/06/2016	12.41	79.88	67.47	
MW18	04/04/2013	36.35	80.57	44.22
	06/03/2013	36.54	80.57	44.03
	07/30/2013	36.79	80.57	43.78
	09/24/2013	37.1	80.57	43.47
	12/20/2013	37.65	80.57	42.92
	03/24/2014	37.82	80.57	42.75
	06/23/2014	35.74	80.57	44.83
	09/09/2014	36.47	80.57	44.10

Table 3-7
Water Level Elevations in Monitoring Wells
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Date	Water Level (feet bgs)	TOC Elevation (feet MSL)	Water Level Elevation (feet MSL)
	12/03/2014	37.43	80.57	43.14
	03/03/2015	37.21	80.57	43.36
	06/09/2015	35.78	80.57	44.79
	09/14/2015	37.08	80.57	43.49
	12/21/2015	38.05	80.57	42.52
	03/21/2016	34.48	80.57	46.09
	09/06/2016	35.04	80.57	45.53
MW19	04/04/2013	36.35	48.09	11.74
	06/04/2013	36.05	48.09	12.04
	07/30/2013	37.03	48.09	11.06
	09/24/2013	38.08	48.09	10.01
	12/20/2013	37.94	48.09	10.15
	03/24/2014	35.57	48.09	12.52
	06/23/2014	35.85	48.09	12.24
	09/09/2014	37.82	48.09	10.27
	12/03/2014	37.56	48.09	10.53
	03/03/2015	35.76	48.09	12.33
	06/09/2015	36.91	48.09	11.18
	09/14/2015	38.71	48.09	9.38
	12/21/2015	35.47	48.09	12.62
	03/21/2016	33.87	48.09	14.22
09/06/2016	37.82	48.09	10.27	
MW20	04/04/2013	5.32	74.99	69.67
	06/03/2013	5.36	74.99	69.63
	07/30/2013	5.8	74.99	69.19
	09/24/2013	5.45	74.99	69.54
	12/20/2013	6.22	74.99	68.77
	03/24/2014	5.16	74.99	69.83
	06/23/2014	5.86	74.99	69.13
	09/09/2014	5.93	74.99	69.06
	12/03/2014	5.3	74.99	69.69
	03/03/2015	5.23	74.99	69.76
	06/09/2015	5.15	74.99	69.84
	09/14/2015	5.54	74.99	69.45
	12/21/2015	4.95	74.99	70.04
	03/21/2016	3.73	74.99	71.26
09/06/2016	3.79	74.99	71.20	
MW21	04/04/2013	4.44	84.25	79.81
	06/03/2013	4.89	84.25	79.36
	07/30/2013	6.07	84.25	78.18
	09/24/2013	5.34	84.25	78.91
	12/20/2013	5.15	84.25	79.10

Table 3-7
Water Level Elevations in Monitoring Wells
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Date	Water Level (feet bgs)	TOC Elevation (feet MSL)	Water Level Elevation (feet MSL)
MW21	03/24/2014	3.55	84.25	80.70
	06/23/2014	4.94	84.25	79.31
	09/09/2014	6.65	84.25	77.60
	12/03/2014	4.18	84.25	80.07
	03/03/2015	5.54	84.25	78.71
	06/09/2015	4.95	84.25	79.30
	09/14/2015	7.4	84.25	76.85
	12/21/2015	1.13	84.25	83.12
	03/21/2016	2.75	84.25	81.50
09/06/2016	6.81	84.25	77.44	
NOTES: bgs = below ground surface. MSL = mean sea level. TOC = top of casing.				

**Table 3-8
Vapor Assessment Sample Summary
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington**

Property	Foundation Type	2012 Sampling				2013 Sampling			
		Number of Indoor Air Samples	Number of Subslab Samples	Number of Crawlspace Samples	Number of Soil Gas Samples	Number of Indoor Air Samples	Number of Subslab Samples	Number of Crawlspace Samples	Number of Soil Gas Samples
117 N. 3rd Ave—Fire Station*	Slab-on-grade	3	3	0	1	3	3	0	0
210 N. Main Ave—Community Center*	Slab-on-grade	3	0	0	1	3	2	0	1
116 N. Main Ave—Police Dept.	Slab-on-grade	2	3	0	0	2	3	0	0
121 N. Main Ave—Sportsman Bar & Grill	Crawlspace (inaccessible)	2	0	0	0	2	0	0	0
127 N. Main Ave—Sales Office*	Crawlspace	2	0	1	0	2	0	1	0
201/205 N. Main Ave—Post Office*	Slab-on-grade	3	4	0	1	3	4	0	1
305 N. Main Ave*	Slab-on-grade	2	1	0	1	2	1	0	1
322 N. 1st Ave*	Partial basement, partial crawlspace	2	0	1	1	0	0	0	1
304 N. 1st Ave*	Crawlspace	2	0	1	1	2	0	1	1
305 N. 1st Ave*	Basement	0	0	0	0	3	0	0	1
122 N. Main Ave—Former Park Laundry Property, Vacant Lot*	N/A	0	0	0	0	0	0	0	1
126 N. Main Ave—Vacant Lot*	N/A	0	0	0	1	0	0	0	1
Main Ave/Mill Street Intersection—Vacant Lot*	N/A	0	0	0	1	0	0	0	1

*A soil gas sampling port was installed at the property. Soil gas samples were taken only from locations where groundwater was not encountered.

Table 4-1
Monitoring Well Construction Details
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Monitoring Well	Installation Date	X-coordinate ^a	Y-coordinate ^a	Ground Elevation (ft NGVD29)	Top of Casing Elevation (ft NGVD29)	Blank Well Casing Length (ft)	Borehole		Well Completion Information				
							Depth (ft bgs)	Diameter (inches)	Diameter (inches)	Screen Interval Depth (ft bgs)	Screened Unit	Chips Interval (ft bgs)	Sand Pack Interval (ft bgs)
MW01	06/15/2011	1067883.862	184186.373	85.39	85.2	0.5-8	15	2.25	2	8-13	Silty Sand (Alluvium)	0-7	7-14
MW02	06/15/2011	1067803.579	184184.754	85.1	84.78	0.5-9.5	20	2.25	2	9.5-14.5	Silty Sand (Alluvium)	0-8.5	8.5-15.5
MW03	06/15/2011	1067814.25	184264.346	85.06	84.7	0.5-10	20	2.25	2	10-15	Silty Sand (Alluvium)	0-9	9-16
MW04	06/16/2011	1067714.449	184293.398	83.31	83.05	0.5-11.5	20	2.25	2	11.5-16.5	Silty Sand (Alluvium)	0-10.5	10.5-17.5
MW05	06/15/2011	1067745.788	184410.036	83.73	83.46	0.5-12	20	2.25	2	12-17	Silty Sand (Alluvium)	0-11	11-18
MW06	06/17/2011	1067912.291	184398.309	85.33	85.11	0.5-12	20	2.25	2	12-17	Silty Sand (Alluvium)	0-11	11-18
MW07	06/16/2011	1067791.987	184640.69	82.8	82.01	0.5-11	20	2.25	2	11-16	Silty Sand (Alluvium)	0-10	10-17
MW08	02/20/2012	1067247.157	184757.461	50.56	50.02	0.5-45	60	6	2	45-55	Sandy Gravel (Alluvium)	2-42	42-45
MW09	02/20/2012	1067058.615	184313.417	19.73	19.46	0.5-9	25	2	2	9-14	Sand (Alluvium)	1-9	9-15
MW10	02/20/2012	1067443.628	184421.438	78.59	78.13	0.5-25	30	2	2	25-30	Silty Sand (Alluvium)	1-24	24-30
MW11	02/21/2012	1067529.264	184221.614	77.1	76.69	0.5-15	25	2	2	15-20	Silty Sand (Alluvium)	1-14	14-20
MW13	02/21/2012	1067545.692	184953.905	78.53	78	0.5-15	25	2	2	15-20	Silty Sand (Alluvium)	1-14	14-20
MW14	02/22/2012	1067796.63	184856.379	81.73	81.06	0.5-17	25	2	2	17-22	Sand (Alluvium)	1-16	16-22
MW15	02/28/2012	1067252.645	184957.908	51.89	51.45	0.5-55	70	6	2	55-65	Sandy Gravel (Alluvium)	5-53	53-65
MW16	02/29/2012	1067519.378	184667.419	74.51	74.02	0.5-55	70	6	2	55-65	Sandy Gravel (Alluvium)	5-53	53-65
MW17	03/28/2013	1067207.57	185583.73	48.7	48.09	0.5-28	35	2	2	28-33	Silty Sand (Alluvium)	1-26	26-33.3
MW18	03/28/2013	1067767.3	185481.38	80.87	80.57	0.5-32.75	48	2	2	32.75-42.75	Silty Sand (Alluvium)	1-30.75	30.75-43.5
MW19	03/27/2013	1068035.07	185020.04	80.33	79.88	0.5-52.7	67.5	6	2	52.7-62.7	Sandy Gravel (Alluvium)	1-50	50-64
MW20	04/01/2013	1067544.9	184004.07	75.29	74.99	0.5-5	15	2	2	5-10	Silt, Sandy Silt (Alluvium)	1-4	4-10.3
MW21	04/01/2013	1067855.71	184212.98	84.62	84.25	0.5-7.95	20	2	2	7.95-12.95	Silt, Sandy Silt (Alluvium)	1-5.95	5.95-13.25

NOTES:
bgs = below ground surface.
ft = feet.
NGVD29 = National Geodetic Vertical Datum of 1929.
^aNAD 1983 StatePlane Washington South.

Table 4-2
Volatile Organic Compounds in Groundwater
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Well Depth ^a (feet bgs)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro-ethene (ug/L)	1,2-Dichloro-ethane (ug/L)	Chloroethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	PCE (ug/L)	trans-1,2-Dichloroethene (ug/L)	TCE (ug/L)	Vinyl chloride (ug/L)
MTCA Method A				NV	NV	5	NV	NV	5	NV	5	0.2
MTCA Method B				7.68	400	0.48	NV	16	5 ^b	160	4 ^b	0.029
MW01	MW1-12.5	06/24/2011	12.95	--	1.00 U	--	--	1.00 U	19.5	1.00 U	1.00 U	1.00 U
	MW01_031712	03/17/2012	12.95	--	0.0964 U	--	--	0.154 U	8.38	0.149 U	0.087 U	0.165 U
	MW01-061812	06/18/2012	12.95	--	1.00 U	--	--	1.00 U	16.2	1.00 U	1.00 U	1.00 U
	MW01-100312	10/03/2012	12.95	--	0.096 U	--	--	0.100 J	11.2	0.083 U	1.00	0.155 U
	MW01-121812	12/18/2012	12.95	--	0.0964 U	--	--	0.810 J	7.26	0.160 UJ	0.390 J	0.155 U
	MW01-040413	04/04/2013	12.95	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	8.72	0.0830 U	0.0870 U	0.155 U
	MW01-060313	06/03/2013	12.95	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	9.67	0.0830 U	0.0870 U	0.155 U
	MW01-092713	09/27/2013	12.95	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	5.44	0.0830 U	1.00 U	0.155 U
	MW01-122313	12/23/2013	12.95	0.0851 U	0.0964 U	0.087 U	0.203 U	1.00 U	5.05	0.083 U	1.00 U	1.00 U
	MW01-032414	03/24/2014	12.95	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	3.37	0.083 U	0.087 U	0.155 U
	MW01-090914	09/09/2014	12.95	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	3.37	0.083 U	0.44 J	0.155 U
	MW01-120414	12/04/2014	12.95	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	0.81 J	0.038 U	0.047 U	0.076 U
	MW01-030415	03/04/2015	12.95	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	2.00 U	0.083 U	0.087 U	0.155 U
	MW01-091615	09/16/2015	12.95	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1.42	0.083 U	0.087 U	0.155 U
	MW01-032116	03/21/2016	12.95	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	32.10	0.083 U	0.37 J	0.155 U
	MW01-090816	09/08/2016	12.95	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	9.98	0.083 U	0.087 U	0.155 U
MW02	MW2-14.0	06/24/2011	14.57	--	1.00 U	--	--	1.00 U	8.84	1.00 U	1.00 U	1.00 U
	MW2_031712	03/17/2012	14.57	--	0.0964 U	--	--	0.154 U	0.88 J	0.149 U	0.087 U	0.165 U
	MW02-061812	06/18/2012	14.57	--	1.00 U	--	--	1.00 U	9.37	1.00 U	1.00 U	1.00 U
	MW02-100512	10/05/2012	14.57	--	0.096 U	--	--	0.160 J	14.2	0.083 U	0.690 J	0.155 U
	MW02-122012	12/20/2012	14.57	--	0.0964 U	--	--	0.540 J	11.8	0.0830 U	0.0870 U	0.155 U
	MW02-040413	04/04/2013	14.57	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	1.00 UJ	0.0830 U	0.0870 U	0.155 U
	MW02-060313	06/03/2013	14.57	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	0.320 J	0.0830 U	0.0870 U	0.155 U
	MW02-092713	09/27/2013	14.57	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	1.00 U	0.0830 U	0.0870 U	0.155 U
	MW02-122313	12/23/2013	14.57	0.0851 U	0.0964 U	0.087 U	0.203 U	1.00 U	1.00 U	0.083 U	1.00 U	1.00 U
	MW02-032414	03/24/2014	14.57	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
	MW02-090914	09/09/2014	14.57	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	4.82	0.083 U	0.087 U	0.37 J
	MW02-120514	12/05/2014	14.57	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	0.14 J	0.038 U	0.047 U	0.076 U
	MW02-030415	03/04/2015	14.57	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.170 U	0.083 U	0.087 U	0.155 U
	MW02-091615	09/16/2015	14.57	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1.01	0.083 U	0.087 U	0.155 U
	MW02-032116	03/21/2016	14.57	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.26 J	0.083 U	0.087 U	0.155 U
	MW02-090816	09/08/2016	14.57	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	2.29	0.083 U	0.087 U	0.155 U
MW03	MW3-15.0	06/24/2011	15.26	--	1.00 U	--	--	1.00 U	12500	1.00 U	3.47	1.00 U
	MW3_031712	03/17/2012	15.26	--	0.0964 U	--	--	0.154 U	3510	0.149 U	1.34	0.165 U
	MW03-061912	06/19/2012	15.26	--	1.00 U	--	--	1.04	2250	1.00 U	2.77	1.00 U
	MW03_100512	10/05/2012	15.26	--	0.096 U	--	--	3.08	2390	0.110 J	9.15	0.155 U
	MW03-122012	12/20/2012	15.26	--	0.0964 U	--	--	1.00	1120	0.0830 U	2.24	0.155 U
	MW03-122012-DUP	12/20/2012	15.26	--	0.140 J	--	--	0.940 J	974	0.0830 U	2.02	0.155 U
	MW03-040413	04/04/2013	15.26	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.610 J	532	0.0830 U	1.92	0.155 U

Table 4-2
Volatile Organic Compounds in Groundwater
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Well Depth ^a (feet bgs)	1,1-Dichloro- ethane (ug/L)	1,1-Dichloro- ethene (ug/L)	1,2-Dichloro- ethane (ug/L)	Chloroethane (ug/L)	cis-1,2- Dichloroethene (ug/L)	PCE (ug/L)	trans-1,2- Dichloroethene (ug/L)	TCE (ug/L)	Vinyl chloride (ug/L)
MTCA Method A				NV	NV	5	NV	NV	5	NV	5	0.2
MTCA Method B				7.68	400	0.48	NV	16	5 ^b	160	4 ^b	0.029
MW03	MW03-060313	06/03/2013	15.26	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.520 J	653	0.0830 U	1.91	0.155 U
	MW03-092713	09/27/2013	15.26	0.0851 U	0.0964 U	0.087 U	0.203 U	1.00 U	1390	0.0830 U	1.95	0.155 U
	MW03-122313	12/23/2013	15.26	0.0851 U	0.0964 U	0.087 U	0.203 U	1.00 U	11700	0.083 U	3.19	1.00 U
	MW03-032414	03/24/2014	15.26	0.0851 U	0.0964 U	0.087 U	0.203 U	0.49	8840	0.083 U	3.75	0.155 U
	MW03-062314	06/23/2014	15.26	0.0851 U	0.0964 U	0.087 U	0.203 U	0.24 J	6650	0.083 U	2.81	0.155 U
	MW03-090914	09/09/2014	15.26	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	8500	0.083 U	2.6	0.155 U
	MW03-120414	12/04/2014	15.26	0.025 U	0.069 U	0.025 U	0.123 U	1.58	2900	0.038 U	2.63	0.076 U
	MW03-030415	03/04/2015	15.26	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	5640	0.083 U	3.32	0.155 U
	MW03-060915	06/09/2015	15.26	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	16500	0.083 U	1.82	0.155 U
	MW03-091615	09/16/2015	15.26	0.0851 U	0.0964 U	0.087 U	0.203 U	0.29 J	8710	0.083 U	1.95	0.155 U
	MW03-122115	12/21/2015	15.26	0.0851 U	0.0964 U	0.087 U	0.203 U	1.21	4970	0.083 U	2.7	0.155 U
MW03-032116	03/21/2016	15.26	0.0851 U	0.0964 U	0.087 U	0.203 U	0.85 J	4900	0.083 U	1.73	0.155 U	
MW03-090816	09/08/2016	15.26	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	2450	0.083 U	0.087 U	0.155 U	
MW04	MW4-16.0	06/24/2011	16.11	--	1.00 U	--	--	1.00 U	226	1.00 U	13.9	1.00 U
	MW4-16-DUP	06/24/2011	16.11	--	1.00 U	--	--	1.00 U	216	1.00 U	15.8	1.00 U
	MW04_031712	03/17/2012	16.11	--	0.0964 U	--	--	0.154 U	63.6	0.149 U	3.83	0.165 U
	MW04-062112	06/21/2012	16.11	--	1.00 U	--	--	1.00 U	21.6	1.00 U	1.00 U	1.00 U
	MW04_100512	10/05/2012	16.11	--	0.096 U	--	--	0.100 J	24.4	0.083 U	0.087 U	0.155 U
	MW04-122112	12/21/2012	16.11	--	0.220 UJ	--	--	0.750 J	21.5	0.250 UJ	1.75	0.155 U
	MW04-040513	04/05/2013	16.11	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	19	0.0830 U	1.34	0.155 U
	MW04-060413	06/04/2013	16.11	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	29.2	0.0830 U	0.0870 U	0.155 U
	MW04-092713	09/27/2013	16.11	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	21.7	0.0830 U	0.0870 U	0.155 U
	MW04-122413	12/24/2013	16.11	0.0851 U	0.0964 U	0.087 U	0.203 U	1.00 U	13.4	0.083 U	1.00 U	1.00 U
	MW04-032414	03/24/2014	16.11	0.0851 U	0.0964 U	0.087 U	0.203 U	0.29	12.8	0.083 U	0.95	0.155 U
	MW04-091114	09/11/2014	16.11	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	17	0.083 U	0.82 J	0.155 U
	MW04-120814	12/08/2014	16.11	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	6.96	0.038 U	0.047 U	0.076 U
	MW04-030515	03/05/2015	16.11	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	11.6	0.083 U	0.91 J	0.155 U
	MW04-091415	09/14/2015	16.11	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	11.9	0.083 U	0.44 J	0.155 U
MW04-032316	03/23/2016	16.11	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	35.4	0.083 U	3.1	0.155 U	
MW04-090816	09/08/2016	16.11	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	18.4	0.083 U	1.39	0.155 U	
MW05	MW5-16.5	06/24/2011	17.13	--	1.00 U	--	--	1.00 U	2240	1.00 U	3.61	1.00 U
	MW05_031712	03/17/2012	17.13	--	0.0964 U	--	--	0.154 U	1520	0.149 U	2.22	0.165 U
	MW05-062112	06/21/2012	17.13	--	1.00 U	--	--	1.00 U	1380	1.00 U	5.89	1.00 U
	MW05-100412	10/04/2012	17.13	--	0.096 U	--	--	0.270 J	2400 J	0.160 J	2.63	0.155 U
	MWDUP-100412	10/04/2012	17.13	--	0.096 U	--	--	0.240 J	1400 J	0.170 J	2.44	0.155 U
	MW05-122112	12/21/2012	17.13	--	0.0964 U	--	--	0.800 J	1030	0.350 J	3.29	0.155 U
	MW05-040513	04/05/2013	17.13	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.140 J	2330	0.0830 U	4.07	0.155 U
	MW05-040513-Dup	04/05/2013	17.13	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.120 J	1740	0.0830 U	3.32	0.155 U
MW05-060313	06/03/2013	17.13	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.160 J	950 J	0.0830 U	2.53	0.155 U	

Table 4-2
Volatile Organic Compounds in Groundwater
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Well Depth ^a (feet bgs)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro-ethene (ug/L)	1,2-Dichloro-ethane (ug/L)	Chloroethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	PCE (ug/L)	trans-1,2-Dichloroethene (ug/L)	TCE (ug/L)	Vinyl chloride (ug/L)
MTCA Method A				NV	NV	5	NV	NV	5	NV	5	0.2
MTCA Method B				7.68	400	0.48	NV	16	5 ^b	160	4 ^b	0.029
MW05	MW05-060313-DUP	06/03/2013	17.13	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.180 J	1790 J	0.0830 U	2.7	0.155 U
	MW05-092713	09/27/2013	17.13	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	624 J	0.0830 U	2.63	0.155 U
	MW05-092713-DUP	09/27/2013	17.13	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	1270 J	0.0830 U	3.92	0.155 U
	MW05-122413	12/24/2013	17.13	0.0851 U	0.0964 U	0.087 U	0.203 U	1.00 U	1790	0.083 U	3.98	1.00 U
	MW05-122413-DUP	12/24/2013	17.13	0.0851 U	0.0964 U	0.087 U	0.203 U	1.00 U	1740	0.083 U	3.55	1.00 U
	MW05-032414	03/24/2014	17.13	0.0851 U	0.0964 U	0.087 U	0.203 U	0.250	1960	0.083 U	4.64	0.155 U
	MW05-032414-DUP	03/24/2014	17.13	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1790	0.083 U	5.87	0.155 U
	MW05-062314	06/23/2014	17.13	0.0851 U	0.0964 U	0.087 U	0.203 U	0.16 J	1220	0.2 J	3.66	0.155 U
	MW05-062314-DUP	06/23/2014	17.13	0.0851 U	0.0964 U	0.087 U	0.203 U	0.22 J	1300	0.24 J	3.89	0.155 U
	MW05-090914	09/09/2014	17.13	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1470	0.083 U	2.72	0.155 U
	MW05-090914-DUP	09/09/2014	17.13	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1490	0.083 U	2.65	0.155 U
	MW05-120514	12/05/2014	17.13	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	427	0.038 U	2.66	0.076 U
	MW05-120514-DUP	12/05/2014	17.13	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	426	0.038 U	2.85	0.076 U
	MW05-030515	03/05/2015	17.13	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1460	0.083 U	6.41	0.155 U
	MW05-030515-DUP	03/05/2015	17.13	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1540	0.083 U	5.83	0.155 U
	MW05-061115	06/11/2015	17.13	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	890	0.083 U	3.79	0.155 U
	MW05-061115-DUP	06/11/2015	17.13	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	865	0.083 U	3.14	0.155 U
	MW05-091615	09/16/2015	17.13	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	832	0.083 U	2.28	0.155 U
	MW05-091615-DUP	09/16/2015	17.13	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	846	0.083 U	2.1	0.155 U
MW05-122215	12/22/2015	17.13	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1270	0.083 U	2.35	0.155 U	
MW05-122215-DUP	12/22/2015	17.13	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1250	0.083 U	2.41	0.155 U	
MW05-032116	03/21/2016	17.13	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1090	0.083 U	3.97	0.155 U	
MW05-032116-DUP	03/21/2016	17.13	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1040	0.083 U	3.69	0.155 U	
MW05-090816	09/08/2016	17.13	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	971	0.083 U	3.01	0.155 U	
MW05-090816-DUP	09/08/2016	17.13	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	895	0.083 U	2.68	0.155 U	
MW06	MW6-16.0	06/24/2011	16.32	--	1.00 U	--	--	1.31	3.77	1.00 U	19.1	1.00 U
	MW06_031712	03/17/2012	16.32	--	0.0964 U	--	--	1.08	4.03	0.149 U	11.1	0.165 U
	MW06-062012	06/20/2012	16.32	--	1.00 U	--	--	1.00 U	2.79	1.00 U	9.84	1.00 U
	MW06-100412	10/04/2012	16.32	--	0.130 J	--	--	0.960 J	4.31	0.370 J	6.26	0.155 U
	MW06-122012	12/20/2012	16.32	--	0.0964 U	--	--	1.3	2.14	0.240 J	4.49	0.155 U
	MW06-040513	04/05/2013	16.32	0.0851 U	0.0964 U	0.0870 U	0.203 U	1.07	2.65	0.240 J	7.41	0.155 U
	MW06-060313	06/03/2013	16.32	0.0851 U	0.0964 U	0.0870 U	0.203 U	1.1	3.92	0.270 J	6.61	0.155 U
	MW06-092613	09/26/2013	16.32	0.0851 U	0.0964 U	0.0870 U	0.203 U	3	5.6	0.460 J	12.1	0.155 U
	MW06-122413	12/24/2013	16.32	0.0851 U	0.0964 U	0.087 U	0.203 U	1.53	4.83	0.24 J	8.11	1.00 U
	MW06-032514	03/25/2014	16.32	0.0851 U	0.0964 U	0.087 U	0.203 U	1.29	2.39	0.083 U	7.29	0.155 U
	MW06-062314	06/23/2014	16.32	0.0851 U	0.0964 U	0.087 U	0.203 U	1.61	2.77	0.34 J	8.94	0.155 U
	MW06-091114	09/11/2014	16.32	0.0851 U	0.0964 U	0.087 U	0.203 U	0.7 J	2.24	0.28 J	5.72	0.155 U
	MW06-120514	12/05/2014	16.32	0.025 U	0.069 U	0.025 U	0.123 U	2.32	1.46	0.038 U	8.92	0.076 U
	MW06-030515	03/05/2015	16.32	0.0851 U	0.0964 U	0.087 U	0.203 U	2.13	2.52 U	0.083 U	12.7	0.155 U
	MW06-061015	06/10/2015	16.32	0.0851 U	0.0964 U	0.087 U	0.203 U	1.68	2.78	0.083 U	7.98	0.155 U
MW06-091615	09/16/2015	16.32	0.0851 U	0.0964 U	0.087 U	0.203 U	2.09	2.71	0.48 J	6.32	0.155 U	

Table 4-2
Volatile Organic Compounds in Groundwater
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Well Depth ^a (feet bgs)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro-ethene (ug/L)	1,2-Dichloro-ethane (ug/L)	Chloroethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	PCE (ug/L)	trans-1,2-Dichloroethene (ug/L)	TCE (ug/L)	Vinyl chloride (ug/L)
MTCA Method A				NV	NV	5	NV	NV	5	NV	5	0.2
MTCA Method B				7.68	400	0.48	NV	16	5 ^b	160	4 ^b	0.029
MW06	MW06-122215	12/22/2015	16.32	0.0851 U	0.0964 U	0.087 U	0.203 U	1.66	2.54	0.32 J	6.36	0.155 U
	MW06-032216	03/22/2016	16.32	0.0851 U	0.0964 U	0.087 U	0.203 U	2.04	1.95	0.083 U	6.65	0.155 U
	MW06-090716	09/07/2016	16.32	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1.29	0.083 U	4.53	0.155 U
MW07	MW7-15.0	06/24/2011	15.62	--	1.00 U	--	--	1.00 U	11.7	1.00 U	1.00 U	1.00 U
	MW07_031612	03/16/2012	15.62	--	0.0964 U	--	--	0.154 U	6.11	0.149 U	0.087 U	0.165 U
	MW07-062012	06/20/2012	15.62	--	1.00 U	--	--	1.00 U	12.3	1.00 U	1.00 U	1.00 U
	MW07-100412	10/04/2012	15.62	--	0.096 U	--	--	0.130 J	50.5	0.083 U	0.100 J	0.155 U
	MW07-121912	12/19/2012	15.62	--	0.0964 U	--	--	0.550 J	10.2	0.0830 U	0.0870 U	0.155 U
	MW07-040913	04/09/2013	15.62	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	8.9	0.0830 U	0.100 J	0.155 U
	MW07-060413	06/04/2013	15.62	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	12.7	0.0830 U	0.0870 U	0.155 U
	MW07-092513	09/25/2013	15.62	0.0851 U	0.0964 U	0.0870 U	0.203 U	1.00 U	126	0.0830 U	0.0870 U	0.155 U
	MW07-122413	12/24/2013	15.62	0.0851 U	0.0964 U	0.087 U	0.203 U	1.00 U	108	0.083 U	1.00 U	1.00 U
	MW07-032514	03/25/2014	15.62	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	11.7	0.083 U	0.087 U	0.155 U
	MW07-062414	06/24/2014	15.62	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	3.12	0.083 U	0.087 U	0.155 U
	MW07-090914	09/09/2014	15.62	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	17.9	0.083 U	0.087 U	0.155 U
	MW07-120814	12/08/2014	15.62	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	37.9	0.038 U	0.047 U	0.076 U
	MW07-030615	03/06/2015	15.62	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	4.85	0.083 U	0.087 U	0.155 U
	MW07-061015	06/10/2015	15.62	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	2.22	0.083 U	0.087 U	0.155 U
	MW07-091615	09/16/2015	15.62	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	35	0.083 U	0.087 U	0.155 U
	MW07-122215	12/22/2015	15.62	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	3.73	0.083 U	0.087 U	0.155 U
MW07-032216	03/22/2016	15.62	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.610 J	0.083 U	0.087 U	0.155 U	
MW07-090816	09/08/2016	15.62	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1.72	0.083 U	0.087 U	0.155 U	
MW08	MW08_031612	03/16/2012	54.98	--	0.0964 U	--	--	0.154 U	0.158 U	0.149 U	0.087 U	0.165 U
	MW08-061812	06/18/2012	54.98	--	1.00 U	--	--	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
	MW08_100512	10/05/2012	54.98	--	0.096 U	--	--	0.130 J	68.8	0.083 U	0.560 J	0.155 U
	MW08-121812	12/18/2012	54.98	--	0.160 J	--	--	0.640 J	0.0672 U	0.160 UJ	0.0870 U	0.155 U
	MW08-040813	04/08/2013	54.98	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	1.00 UJ	0.0830 U	0.0870 U	0.155 U
	MW08-060213	06/02/2013	54.98	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	0.0672 U	0.0830 U	0.0870 U	0.155 U
	MW08-092413	09/24/2013	54.98	0.0851 UJ	0.0964 UJ	0.0870 UJ	0.203 UJ	1.00 UJ	1.00 UJ	0.0830 UJ	0.0870 UJ	0.155 UJ
	MW08-122013	12/20/2013	54.98	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1.00 U	0.083 U	1.00 U	1.00 U
	MW08-032714	03/27/2014	54.98	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1.00 U	0.083 U	0.087 U	0.155 U
	MW08-091014	09/10/2014	54.98	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1.13	0.083 U	0.44 J	0.155 U
	MW08-120414	12/04/2014	62.52	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	0.058 U	0.038 U	0.047 U	0.076 U
MW08-030415	03/04/2015	62.52	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.370 U	0.083 U	0.087 U	0.155 U	

Table 4-2
Volatile Organic Compounds in Groundwater
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Well Depth ^a (feet bgs)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro-ethene (ug/L)	1,2-Dichloro-ethane (ug/L)	Chloroethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	PCE (ug/L)	trans-1,2-Dichloroethene (ug/L)	TCE (ug/L)	Vinyl chloride (ug/L)
MTCA Method A				NV	NV	5	NV	NV	5	NV	5	0.2
MTCA Method B				7.68	400	0.48	NV	16	5 ^b	160	4 ^b	0.029
MW08	MW08-091415	09/14/2015	62.52	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
	MW08-032316	03/23/2016	62.52	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
	MW08-090916	09/09/2016	62.52	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.36 J	0.083 U	0.087 U	0.155 U
MW09	MW09_031412	03/14/2012	14.61	--	0.0964 U	--	--	0.48 J	53.9	0.149 U	62.6	0.165 U
	MW09-062012	06/20/2012	14.61	--	1.00 U	--	--	1.00 U	52.4	1.00 U	99.8	1.00 U
	MW09-100312	10/03/2012	14.61	--	0.240 J	--	--	0.750 J	128	0.260 J	150	0.190 J
	MW09-121912	12/21/2012	14.61	--	0.220 UJ	--	--	0.770 J	33.7	0.250 UJ	44.2	0.155 U
	MW09-040813	04/08/2013	14.61	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.230 J	34.7	0.0830 U	55.0	0.155 U
	MW09-060313	06/03/2013	14.61	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.430 J	62.1	0.0830 U	93.4	0.155 U
	MW09-092713	09/27/2013	14.61	0.0851 U	0.190 J	0.0870 U	0.203 U	1	90.9	0.230 J	148	0.155 U
	MW09-122313	12/23/2013	14.61	0.0851 U	0.0964 U	0.087 U	0.203 U	1.00 U	29.9	0.083 U	64.4	1.00 U
	MW09-032714	03/27/2014	14.61	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	9.12	0.083 U	18.3	0.155 U
	MW09-062514	06/25/2014	14.61	0.0851 UR	0.0964 UR	0.087 UR	0.203 UR	0.26 J	32.3 J	0.083 UR	63.1 J	0.155 UR
	MW09-091114	09/11/2014	14.61	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	62.3	0.083 U	101	0.155 U
	MW09-120814	12/08/2014	14.61	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	22.7	0.038 U	80.2	0.076 U
	MW09-030515	03/05/2015	14.61	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	25.5	0.083 U	75.5	0.155 U
	MW09-061115	06/11/2015	14.61	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	48.4	0.083 U	85.3	0.155 U
	MW09-091415	09/14/2015	14.61	0.0851 U	0.0964 U	0.087 U	0.203 U	0.49 J	71.4	0.083 U	104	0.155 U
	MW09-122215	12/22/2015	14.61	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	23.6	0.083 U	39.8	0.155 U
MW09-032116	03/21/2016	14.61	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	25.4	0.083 U	69	0.155 U	
MW09-090816	09/08/2016	14.61	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	31.3	0.083 U	115	0.155 U	
MW10	MW10_031312	03/13/2012	29.53	--	0.0964 U	--	--	0.154 U	76.6	0.149 U	17.4	0.165 U
	MW10-062112	06/21/2012	29.53	--	1.00 U	--	--	1.00 U	65.5	1.00 U	31.8	1.00 U
	MW10-100412	10/04/2012	29.53	--	0.140 J	--	--	0.320 J	93.1	0.083 U	24.7	0.155 U
	MW10-121912	12/19/2012	29.53	--	0.0964 U	--	--	1.07	37.7	0.160 UJ	21.1	0.155 U
	MW10-040913	04/09/2013	29.53	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	83.1	0.0830 U	17.9	0.155 U
	MW10-060413	06/04/2013	29.53	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	101	0.0830 U	32.2	0.155 U
	MW10-092513	09/25/2013	29.53	0.0851 U	0.0964 U	0.0870 U	0.203 U	1.00 U	135	0.0830 U	33.1	0.155 U
	MW10-122413	12/24/2013	29.53	0.0851 U	0.0964 U	0.087 U	0.203 U	1.00 U	75.4	0.083 U	18.9	1.00 U
	MW10-032514	03/25/2014	29.53	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	74.2	0.083 U	12.4	0.155 U
	MW10-062414	06/24/2014	29.53	0.0851 U	0.0964 U	0.087 U	0.203 U	0.18 J	83.6	0.083 U	41	0.155 U
	MW10-090914	09/09/2014	29.53	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	82.2	0.083 U	35.7	0.23 J
	MW10-120814	12/08/2014	29.53	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	54.5	0.038 U	45.4	0.076 U
	MW10-030615	03/06/2015	29.53	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	62.4	0.083 U	24.6	0.155 U
	MW10-061015	06/10/2015	29.53	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	75.5	0.083 U	16.3	0.155 U
	MW10-091715	09/17/2015	29.53	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	85.9	0.083 U	19.5	0.155 U
	MW10-122215	12/22/2015	29.53	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	77.8	0.083 U	12.6	0.155 U
MW10-032216	03/22/2016	29.53	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	59.6	0.083 U	24.1	0.155 U	
MW10-090816	09/08/2016	29.53	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	61.2	0.083 U	85.1	0.155 U	

Table 4-2
Volatile Organic Compounds in Groundwater
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Well Depth ^a (feet bgs)	1,1-Dichloro- ethane (ug/L)	1,1-Dichloro- ethene (ug/L)	1,2-Dichloro- ethane (ug/L)	Chloroethane (ug/L)	cis-1,2- Dichloroethene (ug/L)	PCE (ug/L)	trans-1,2- Dichloroethene (ug/L)	TCE (ug/L)	Vinyl chloride (ug/L)
MTCA Method A				NV	NV	5	NV	NV	5	NV	5	0.2
MTCA Method B				7.68	400	0.48	NV	16	5 ^b	160	4 ^b	0.029
MW11	MW11_031312	03/13/2012	19.54	--	0.0964 U	--	--	0.154 U	32.9	0.149 U	1.49	0.165 U
	MW11-062012	06/20/2012	19.54	--	1.00 U	--	--	1.00 U	26.4	1.00 U	3.17	1.00 U
	MW11_100512	10/05/2012	19.54	--	0.096 U	--	--	0.180 J	26.8	0.083 U	0.870 J	0.155 U
	MW11-122012	12/20/2012	19.54	--	0.0964 U	--	--	0.600 J	13.1	0.170 J	0.610 J	0.155 U
	MW11-040913	04/09/2013	19.54	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	34.8	0.0830 U	1.99	0.155 U
	MW11-060413	06/04/2013	19.54	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	49.8	0.0830 U	3.56	0.155 U
	MW11-092413	09/24/2013	19.54	0.0851 UJ	0.0964 UJ	0.0870 UJ	0.203 UJ	1.00 UJ	34.1 J	0.083 UJ	1.72 J	0.155 UJ
	MW11-122413	12/24/2013	19.54	0.0851 U	0.0964 U	0.087 U	0.203 U	1.00 U	17.0	0.083 U	1.00 U	1.00 U
	MW11-032714	03/27/2014	19.54	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	27.1	0.083 U	2.58	0.155 U
	MW11-062414	06/24/2014	19.54	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	22	0.083 U	1.33	0.155 U
	MW11-091014	09/10/2014	19.54	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	18.4	0.083 U	1.09	0.155 U
	MW11-120914	12/09/2014	19.54	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	23.5	0.038 U	6.79	0.076 U
	MW11-030615	03/06/2015	19.54	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	33.6	0.083 U	11.3	0.155 U
	MW11-061015	06/10/2015	19.54	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	42.8	0.083 U	4.9	0.155 U
	MW11-091515	09/15/2015	19.54	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	43	0.083 U	5.9	0.155 U
MW11-122315	12/23/2015	19.54	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	21.9	0.083 U	2.56	0.155 U	
MW11-032216	03/22/2016	19.54	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	27.5	0.083 U	8.32	0.155 U	
MW11-090816	09/08/2016	19.54	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	20.5	0.083 U	7.19	0.155 U	
MW13	MW13_031412	03/14/2012	19.45	--	0.0964 U	--	--	2.01	447	0.5 J	65.4	0.165 U
	MW13-062112	06/21/2012	19.45	--	1.00 U	--	--	3.69	251	1.00 U	117	1.00 U
	MW13_100712	10/07/2012	19.45	--	0.096 U	--	--	0.400 J	176	0.170 J	13.1	0.155 U
	MW13-122012	12/20/2012	19.45	--	0.0964 U	--	--	0.920 J	146	0.260 J	11.3	0.155 U
	MW13-040913	04/09/2013	19.45	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	948	0.0830 U	32.5	0.155 U
	MW13-060413	06/04/2013	19.45	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.390 J	114	0.0830 U	21	0.155 U
	MW13-092513	09/25/2013	19.45	0.0851 U	0.0964 U	0.0870 U	0.203 U	3.36	105 J	0.95 J	80.2	0.155 U
	MW13-122413	12/24/2013	19.45	0.0851 U	0.0964 U	0.087 U	0.203 U	1.00 U	151	0.083 U	11.2	1.00 U
	MW13-032714	03/27/2014	19.45	0.0851 U	0.0964 U	0.087 U	0.203 U	0.340	259	0.083 U	25.6	0.155 U
	MW13-062414	06/24/2014	19.45	0.0851 UR	0.0964 UR	0.087 UR	0.203 UR	1.34 J	159 J	0.42 J	53.2 J	0.155 UR
	MW13-091014	09/10/2014	19.45	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	111	0.13 J	13.9	0.155 U
	MW13-120914	12/09/2014	19.45	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	201	0.038 U	43.2	0.076 U
	MW13-030615	03/06/2015	19.45	0.0851 U	0.0964 U	0.087 U	0.203 U	1.3	834	0.083 U	95.8	0.155 U
	MW13-061015	06/10/2015	19.45	0.0851 U	0.0964 U	0.087 U	0.203 U	1.91	459	0.71 J	123	0.155 U
	MW13-091515	09/15/2015	19.45	0.0851 U	0.0964 U	0.087 U	0.203 U	0.37 J	179	0.083 U	19.6	0.155 U
MW13-122315	12/23/2015	19.45	0.0851 U	0.0964 U	0.087 U	0.203 U	0.97 J	341	0.35 J	58.4	0.155 U	
MW13-032216	03/22/2016	19.45	0.0851 U	0.0964 U	0.087 U	0.203 U	1.64	422	0.083 U	66.2	0.155 U	
MW13-090716	09/07/2016	19.45	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	251	0.083 U	33.8	0.155 U	

Table 4-2
Volatile Organic Compounds in Groundwater
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Well Depth ^a (feet bgs)	1,1-Dichloro- ethane (ug/L)	1,1-Dichloro- ethene (ug/L)	1,2-Dichloro- ethane (ug/L)	Chloroethane (ug/L)	cis-1,2- Dichloroethene (ug/L)	PCE (ug/L)	trans-1,2- Dichloroethene (ug/L)	TCE (ug/L)	Vinyl chloride (ug/L)
MTCA Method A				NV	NV	5	NV	NV	5	NV	5	0.2
MTCA Method B				7.68	400	0.48	NV	16	5 ^b	160	4 ^b	0.029
MW14	MW14_031212	03/12/2012	21.81	--	0.0964 U	--	--	0.154 U	74.4	0.149 U	40.8	0.165 U
	MW14-062012	06/20/2012	21.81	--	1.00 U	--	--	1.00 U	15.8	1.00 U	7.31	1.00 U
	MW14-100312	10/03/2012	21.81	--	0.096 U	--	--	0.200 J	1.17	0.083 U	0.340 J	0.155 U
	MW14-121912	12/19/2012	21.81	--	0.110 J	--	--	0.530 UJ	0.440 J	0.0830 U	0.0870 U	0.155 U
	MW14-040913	04/09/2013	21.81	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	3.29	0.0830 U	1.1	0.155 U
	MW14-060413	06/04/2013	21.81	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	1.14	0.0830 U	0.0870 U	0.155 U
	MW14-092713	09/27/2013	21.81	0.0851 U	0.0964 U	0.110 J	0.203 U	1.00 U	1.00 U	0.0830 U	1.00 U	0.155 U
	MW14-122313	12/23/2013	21.81	0.0851 U	0.0964 U	0.087 U	0.203 U	1.00 U	15.9	0.083 U	1.86	1.00 U
	MW14-032714	03/27/2014	21.81	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1.12	0.083 U	0.52	0.155 U
	MW14-062514	06/25/2014	21.81	0.0851 UR	0.0964 UR	0.087 UR	0.203 UR	0.066 UR	0.45 J	0.083 UR	0.3 J	0.155 UR
	MW14-091114	09/11/2014	21.81	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
	MW14-120814	12/08/2014	21.81	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	0.29 J	0.038 U	0.047 U	0.076 U
	MW14-030515	03/05/2015	21.81	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.880 U	0.083 U	0.087 U	0.155 U
	MW14-061115	06/11/2015	21.81	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1.0 U	0.083 U	0.087 U	0.155 U
	MW14-091715	09/17/2015	21.81	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1.62	0.083 U	0.087 U	0.155 U
MW14-122215	12/22/2015	21.81	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1.4	0.083 U	0.087 U	0.155 U	
MW14-032116	03/21/2016	21.81	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.47 J	0.083 U	0.087 U	0.155 U	
MW14-090716	09/07/2016	21.81	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U	
MW15	MW15_031512	03/15/2012	64.95	--	0.0964 U	--	--	0.154 U	6.89	0.149 U	0.45 J	0.165 U
	MW15-061912	06/19/2012	64.95	--	1.00 U	--	--	1.00 U	9.84 J	1.00 U	1.00 U	1.00 U
	MW15_100712	10/07/2012	64.95	--	0.096 U	--	--	0.0660 U	17.1	0.083 U	0.520 J	0.155 U
	MW15-122112	12/21/2012	64.95	--	0.220 UJ	--	--	0.640 UJ	13	0.260 J	0.970 J	0.155 U
	MW15-041013	04/10/2013	64.95	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	10.5	0.0830 U	0.0870 U	0.155 U
	MW15-060413	06/04/2013	64.95	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	11.5	0.0830 U	0.0870 U	0.155 U
	MW15-092413	09/24/2013	64.95	0.0851 UJ	0.0964 UJ	0.130 J	0.203 UJ	1.46 J	32.4 J	0.0830 UJ	1.00 UJ	0.155 UJ
	MW15-122013	12/20/2013	64.95	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	18	0.083 U	1.00 U	1.00 U
	MW15-032514	03/25/2014	64.95	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	13.1	0.083 U	0.63	0.155 U
	MW15-062414	06/24/2014	64.95	0.0851 UR	0.0964 UR	0.087 UR	0.203 UR	0.066 UR	10.1 J	0.083 UR	0.45 J	0.155 UR
	MW15-091014	09/10/2014	64.95	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	11.1	0.083 U	0.42 J	0.155 U
	MW15-120314	12/03/2014	64.95	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	4.62	0.038 U	0.047 U	0.076 U
	MW15-030515	03/05/2015	64.95	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	11	0.083 U	0.087 U	0.155 U
	MW15-060915	06/09/2015	64.95	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	8.24	0.083 U	0.42 J	0.155 U
	MW15-091515	09/15/2015	64.95	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	11.9	0.083 U	0.32 J	0.155 U
MW15-122115	12/21/2015	64.95	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	10.6	0.083 U	0.087 U	0.155 U	
MW15-032216	03/22/2016	64.95	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	10.6	0.083 U	0.083 J	0.155 U	
MW15-090916	09/09/2016	64.95	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	6.81	0.083 U	0.087 U	0.155 U	
MW16	MW16_031512	03/15/2012	64.53	--	0.0964 U	--	--	0.154 U	7.1	0.149 U	0.68 J	0.165 U
	MW16-061912	06/19/2012	64.53	--	1.00 U	--	--	1.00 U	7.77	1.00 U	1.00 U	1.00 U
	MW16_100712	10/07/2012	64.53	--	0.096 U	--	--	0.066 U	17.2	0.083 U	0.360 J	0.155 U
	MW16-122112	12/21/2012	64.53	--	0.310 J	--	--	0.640 UJ	9.04	0.250 UJ	0.910 J	0.155 U
	MW16-041013	04/10/2013	64.53	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	7.68	0.0830 U	0.0870 U	0.155 U

Table 4-2
Volatile Organic Compounds in Groundwater
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Well Depth ^a (feet bgs)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro-ethene (ug/L)	1,2-Dichloro-ethane (ug/L)	Chloroethane (ug/L)	cis-1,2-Dichloroethene (ug/L)	PCE (ug/L)	trans-1,2-Dichloroethene (ug/L)	TCE (ug/L)	Vinyl chloride (ug/L)
MTCA Method A				NV	NV	5	NV	NV	5	NV	5	0.2
MTCA Method B				7.68	400	0.48	NV	16	5 ^b	160	4 ^b	0.029
MW16	MW16-060413	06/04/2013	64.53	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	9.21	0.0830 U	0.610 J	0.155 U
	MW16-092413	09/24/2013	64.53	0.110 J	0.0964 UJ	0.270 J	0.203 UJ	3.08 J	13.9 J	0.160 J	1.21 J	1.57 J
	MW16-122013	12/20/2013	64.53	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	11.6	0.083 U	1.00 U	1.00 U
	MW16-032514	03/25/2014	64.53	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	11.5	0.083 U	1.35	0.155 U
	MW16-062414	06/24/2014	64.53	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	9.79	0.083 U	1.17	0.155 U
	MW16-091014	09/10/2014	64.53	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	8.68	0.083 U	0.94 J	0.155 U
	MW16-120314	12/03/2014	64.53	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	5.1	0.038 U	0.8 J	0.076 U
	MW16-030515	03/05/2015	64.53	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	11.4	0.083 U	1.75	0.155 U
	MW16-060915	06/09/2015	64.53	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	12	0.083 U	1.00	0.155 U
	MW16-091515	09/15/2015	64.53	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	13.4	0.083 U	0.75 J	0.155 U
	MW16-122115	12/21/2015	64.53	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	13.7	0.083 U	1.15	0.155 U
MW16-032216	03/22/2016	64.53	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	12	0.083 U	1.36	0.155 U	
MW16-090916	09/09/2016	64.53	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	7.71	0.083 U	0.087 U	0.155 U	
MW17	MW17-040913	04/09/2013	33.25	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	0.0672 U	0.0830 U	0.0870 U	0.155 U
	MW17-060413	06/04/2013	33.25	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	0.0672 U	0.0830 U	0.0870 U	0.155 U
	MW17-092613	09/26/2013	33.25	0.290 J	0.0964 U	0.0870 U	0.203 U	1.00 U	0.0672 U	0.083 U	1.00 U	0.155 U
	MW17-122313	12/23/2013	33.25	0.13 J	0.0964 U	0.087 U	0.203 U	1.00 U	4.83	0.083 U	1.00 U	1.00 U
	MW17-032714	03/27/2014	33.25	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
	MW17-091114	09/11/2014	33.25	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
	MW17-120914	12/09/2014	33.25	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	0.39 J	0.038 U	0.047 U	0.076 U
	MW17-030615	03/06/2015	33.25	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1.55	0.083 U	0.087 U	0.155 U
	MW17-091715	09/17/2015	33.25	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1 U	0.083 U	0.087 U	0.155 U
	MW17-032216	03/22/2016	33.25	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
MW17-090716	09/07/2016	33.25	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U	
MW18	MW18-041013	04/10/2013	43.16	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	0.0672 U	0.0830 U	0.0870 U	0.155 U
	MW18-060413	06/04/2013	43.16	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	0.0672 U	0.0830 U	0.0870 U	0.155 U
	MW18-092713	09/27/2013	43.16	0.0851 U	0.0964 U	0.0870 U	0.203 U	1.00 U	1.00 U	0.0830 U	0.0870 U	0.155 U
	MW18-122313	12/23/2013	43.16	0.0851 U	0.0964 U	0.087 U	0.203 U	1.00 U	7	0.083 U	1.00 U	1.00 U
	MW18-032714	03/27/2014	43.16	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1 U	0.083 U	0.087 U	0.155 U
	MW18-062414	06/24/2014	43.16	0.0851 UR	0.0964 UR	0.087 UR	0.203 UR	0.066 UR	0.0672 UR	0.083 UR	0.22 J	0.155 UR
	MW18-091014	09/10/2014	43.16	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.41 J	0.083 U	0.087 U	0.155 U
	MW18-120414	12/04/2014	43.16	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	0.058 U	0.038 U	0.047 U	0.076 U
	MW18-030515	03/05/2015	43.16	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
	MW18-061015	06/10/2015	43.16	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1.0 U	0.083 U	0.087 U	0.155 U
	MW18-091615	09/16/2015	43.16	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
MW18-122215	12/22/2015	43.16	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.35 J	0.083 U	0.087 U	0.155 U	

Table 4-2
Volatile Organic Compounds in Groundwater
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Well Depth ^a (feet bgs)	1,1-Dichloro- ethane (ug/L)	1,1-Dichloro- ethene (ug/L)	1,2-Dichloro- ethane (ug/L)	Chloroethane (ug/L)	cis-1,2- Dichloroethene (ug/L)	PCE (ug/L)	trans-1,2- Dichloroethene (ug/L)	TCE (ug/L)	Vinyl chloride (ug/L)
MTCA Method A				NV	NV	5	NV	NV	5	NV	5	0.2
MTCA Method B				7.68	400	0.48	NV	16	5 ^b	160	4 ^b	0.029
MW18	MW18-032216	03/22/2016	43.16	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
	MW18-090716	09/07/2016	43.16	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
MW19	MW19-041013	04/10/2013	63	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	1.69	0.0830 U	0.0870 U	0.155 U
	MW19-060413	06/04/2013	63	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	1.91	0.0830 U	0.0870 U	0.155 U
	MW19-092413	09/24/2013	63	0.0851 UJ	0.0964 UJ	0.140 J	0.203 UJ	1.36 J	2.49 J	0.110 J	1.00 UJ	0.155 UJ
	MW19-122013	12/20/2013	63	0.0851 U	0.0964 U	0.087 U	0.203 U	1.00 U	1.92	0.083 U	1.00 U	1.00 U
	MW19-032714	03/27/2014	63	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1.03	0.083 U	0.28	0.155 U
	MW19-091114	09/11/2014	63	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.95 J	0.083 U	0.42 J	0.155 U
	MW19-120514	12/05/2014	63	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	0.51 J	0.038 U	0.047 U	0.076 U
	MW19-030615	03/06/2015	63	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.910 U	0.083 U	0.087 U	0.155 U
	MW19-091515	09/15/2015	63	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1.39	0.083 U	0.087 U	0.155 U
	MW19-032216	03/22/2016	63	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
MW20	MW20-040913	04/09/2013	9.67	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	0.0672 U	0.0830 U	0.0870 U	0.155 U
	MW20-060413	06/04/2013	9.67	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	0.960 J	0.0830 U	0.0870 U	0.155 U
	MW20-092713	09/27/2013	9.67	0.0851 U	0.0964 U	0.110 J	0.203 U	1.00 U	0.0672 U	0.0830 U	0.0870 U	0.155 U
	MW20-122413	12/24/2013	9.67	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1.08	0.083 U	1.00 U	1.00 U
	MW20-032714	03/27/2014	9.67	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	1 U	0.083 U	0.087 U	0.155 U
	MW20-091114	09/11/2014	9.67	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.18 J	0.083 U	0.087 U	0.155 U
	MW20-120514	12/05/2014	9.67	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	0.058 U	0.038 U	0.047 U	0.076 U
	MW20-030615	03/06/2015	9.67	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
	MW20-091615	09/16/2015	9.67	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
	MW20-032216	03/22/2016	9.67	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	0.0672 U	0.083 U	0.087 U	0.155 U
MW21	MW21-040813	04/08/2013	13.1	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	23.9	0.0830 U	0.0870 U	0.155 U
	MW21-060313	06/03/2013	13.1	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	14	0.0830 U	0.0870 U	0.155 U
	MW21-092713	09/27/2013	13.1	0.0851 U	0.0964 U	0.0870 U	0.203 U	0.0660 U	53.8	0.0830 U	1.00 U	0.155 U
	MW21-122313	12/23/2013	13.1	0.0851 U	0.0964 U	0.087 U	0.203 U	1.00 U	602	0.083 U	1.00 U	1.00 U
	MW21-032414	03/24/2014	13.1	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	45.3	0.083 U	0.22	0.155 U
	MW21-062314	06/23/2014	13.1	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	75.8	0.083 U	0.087 U	0.155 U
	MW21-090914	09/09/2014	13.1	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	47.5	0.083 U	0.087 U	0.155 U
	MW21-120514	12/05/2014	13.1	0.025 U	0.069 U	0.025 U	0.123 U	0.045 U	104	0.038 U	0.047 U	0.076 U
	MW21-030415	03/04/2015	13.1	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	79.4	0.083 U	0.087 U	0.155 U
	MW21-060915	06/09/2015	13.1	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	12.6	0.083 U	0.087 U	0.155 U
	MW21-091615	09/16/2015	13.1	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	17.3	0.083 U	0.087 U	0.155 U
	MW21-122115	12/21/2015	13.1	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	88.1	0.083 U	0.087 U	0.155 U
	MW21-032116	03/21/2016	13.1	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	23.4	0.083 U	0.087 U	0.155 U
MW21-090816	09/08/2016	13.1	0.0851 U	0.0964 U	0.087 U	0.203 U	0.066 U	5810	0.083 U	0.087 U	0.155 U	

Table 4-2
Volatile Organic Compounds in Groundwater
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

NOTES:

Bold text indicates that value exceeds MTCA Method A screening levels.

-- = not analyzed.

bgs = below ground surface.

CLARC = cleanup levels and risk calculation.

J = estimated value.

MTCA = Model Toxics Control Act.

MTCA Method A = MTCA standard method A groundwater screening level values.

MTCA Method B = MTCA standard method B groundwater screening level values for noncarcinogenic compounds.

NV = no value.

PCE = tetrachloroethene.

TCE = trichloroethene.

U = not detected at or above the method reporting limit (2011) or method detection limit (2012 on).

ug/L = micrograms per liter.

UJ = Analyte estimated, not detected at or above the method reporting limit (2011) or method detection limit (2012 on). Reported detection limit is approximate and may or may not represent actual limit of quantitation necessary to accurately and precisely measure analyte in sample.

UR = Analyte not detected above detection limit; result rejected.

^aSample collected approximately 1 foot from bottom of well.

^bMTCA standard Method B screening level values for PCE and TCE are based on State of Washington CLARC guidance dated September 2012 and on Washington Administrative Code 173-340-720 (7)(b).

Table 4-3
Field Parameters in Monitoring Wells
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Sample Depth ^a (feet bgs)	Temperature (°C)	pH	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	Redox Potential ^b	Turbidity
MW01	MW1-12.5	06/24/2011	12.50	12.50	6.28	208	--	--	11.23
	MW01-031712	03/17/2012	12.95	10.51	6.12	205	1.48	157.0	9.49
	MW01-061812	06/18/2012	12.95	14.25	6.03	187	1.73	149.3	1.57
	MW01-100312	10/03/2012	12.95	18.04	5.99	179	0.76	140.5	3.76
	MW01-121812	12/18/2012	12.95	12.10	6.48	170	0.70	86.0	1.62
	MW01-040413	04/04/2013	12.95	12.28	6.23	175	0.60	148.8	2.81
	MW01-060313	06/03/2013	12.95	14.08	5.92	165	0.58	113.3	0.96
	MW01-092713	09/27/2013	12.95	16.39	5.93	119	1.39	288.0	1.82
	MW01-122313	12/23/2013	12.95	13.13	6.02	146	1.44	207.1	1.47
	MW01-032414	03/24/2014	12.95	12.12	5.8	158	1.45	201.6	1.72
	MW02-090914	09/09/2014	12.95	18.96	5.92	167.3	1.92	102.7	7.57
	MW01-120414	12/04/2014	11.00	15.25	6.54	148	1.93	126.0	5.36
	MW01-030415	03/04/2015	12.95	11.85	6.18	152	1.45	57.8	3.70
	MW01-091615	09/16/2015	12.00	18.84	6.45	154	4.41	100.1	2.71
	MW01-032116	03/21/2016	12.00	12.51	6.43	156	0.79	130.9	1.36
MW01-090816	09/08/2016	11.00	17.3	6.27	174.8	1.55	207.8	5.49	
MW02	MW2-14.0	06/24/2011	14.00	12.10	6.68	155	--	--	8.25
	MW02-031712	03/17/2012	14.50	9.95	6.7	92	9.90	102.7	1.42
	MW02-061812	06/18/2012	14.57	12.67	6.27	82	5.79	119.6	5.67
	MW02-100512	10/05/2012	14.57	15.35	6.26	140	2.40	133.6	19.03
	MW02-122012	12/20/2012	14.57	11.82	6.68	68	5.66	122.3	3.43
	MW02-040413	04/04/2013	14.57	11.23	6.46	63	5.35	143.5	9.82
	MW02-060313	06/03/2013	14.57	13.66	6.46	67	1.73	7.4	3.77
	MW02-092713	09/27/2013	14.57	15.51	6.24	85	1.83	0.7	7.69
	MW02-122313	12/23/2013	14.57	13.24	6.14	99	2.30	260.5	7.03
	MW02-032414	03/24/2014	14.57	12.19	6.14	122	3.79	-149.4	2.39
	MW02-090914	09/09/2014	14.57	17.19	6.17	165	2.67	48.5	6.51
	MW02-120514	12/05/2014	14.57	14.74	6.75	113.7	6.73	104.6	6.02

Table 4-3
Field Parameters in Monitoring Wells
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Sample Depth ^a (feet bgs)	Temperature (°C)	pH	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	Redox Potential ^b	Turbidity
	MW02-030415	03/04/2015	14.57	11.83	6.25	78	6.12	72.1	13.44
	MW02-091615	09/16/2015	13.50	16.90	6.38	160	2.45	90.1	3.97
	MW02-032116	03/21/2016	13.50	11.09	6.10	55	7.82	128.5	3.55
	MW02-090816	09/08/2016	13.00	16.4	6.31	151.4	3.54	237.4	5.95
MW03	MW3-15.0	06/24/2011	15.00	10.50	6.31	216	--	--	7.22
	MW03-031712	03/17/2012	15.00	10.68	6.74	215	4.66	109.6	0.72
	MW03-061912	06/19/2012	15.26	11.85	6.18	206	0.64	141.0	0.66
	MW03-100512	10/05/2012	15.26	13.33	6.11	203	0.05	143.0	1.26
	MW03-122012	12/20/2012	15.26	11.83	6.74	212	0.86	112.7	0.37
	MW03-040413	04/04/2013	15.26	11.92	6.67	206	1.32	124.4	0.41
	MW03-060313	06/03/2013	15.26	12.79	6.32	192	0.66	1.6	0.74
	MW03-092713	09/27/2013	15.26	13.16	5.98	155	1.32	310.1	0.83
	MW03-122313	12/23/2013	15.26	12.73	5.91	231	1.10	103.4	0.56
	MW03-032414	03/24/2014	15.26	12.10	5.87	230	1.27	103.9	0.67
	MW03-062314	06/23/2014	15.26	12.75	6.11	223	1.28	60.9	0.30
	MW03-090914	09/09/2014	15.26	13.67	6.13	237	1.64	68.8	0.26
	MW03-120414	12/04/2014	13.00	12.93	5.81	223	1.51	115.7	0.59
	MW03-030415	03/04/2015	15.26	11.90	6.00	210	2.34	98.3	1.98
	MW03-060915	06/09/2015	15.26	13.19	5.26	258	1.34	76.5	1.12
	MW03-091615	09/16/2015	14.00	14.14	6.46	212	1.33	57.0	1.21
	MW03-122115	12/21/2015	14.00	12.9	6.57	208.2	1.98	-116.8	0.23
MW03-032116	03/21/2016	14.00	11.56	6.23	198	2.99	124.8	0.89	
MW03-090816	09/08/2016	14.00	15.7	6.36	207.6	2.09	177.0	2.67	
MW04	MW4-16.0	06/24/2011	16.00	11.10	6.80	198	--	--	9.50
	MW04-031712	03/17/2012	16.11	11.63	6.55	258	2.77	133.7	-1.12
	MW04-062112	06/21/2012	16.11	12.88	6.39	204	1.38	101.6	0.80
	MW04-100512	10/05/2012	16.11	16.29	6.31	218	1.51	96.9	1.32
	MW04-122112	12/21/2012	16.11	13.07	7.08	224	2.14	87.9	0.29

Table 4-3
Field Parameters in Monitoring Wells
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Sample Depth ^a (feet bgs)	Temperature (°C)	pH	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	Redox Potential ^b	Turbidity
	MW04-040513	04/05/2013	16.11	12.27	7.07	214	2.56	102.3	1.78
	MW04-060413	06/04/2013	16.11	13.39	6.39	187	2.22	183.6	0.96
	MW04-092713	09/27/2013	16.11	15.16	6.39	168	3.87	345.2	0.75
	MW04-122413	12/24/2013	16.11	12.90	6.41	188	2.55	189.5	0.88
	MW04-032414	03/24/2014	16.11	13.05	6.39	214	3.41	-201.7	2.19
	MW04-091114	09/11/2014	16.11	16.09	6.26	223	3.66	72.2	0.34
	MW04-120814	12/08/2014	14.00	14.52	6.85	156.7	4.38	215.6	0.88
	MW04-030515	03/05/2015	16.11	12.53	6.64	208	2.87	65.6	0.99
	MW04-091415	09/14/2015	15.00	15.88	6.78	199	3.61	47.3	1.08
	MW04-032316	03/23/2016	15.00	12.82	6.16	161	3.65	111.3	0.00
MW04-090816	09/08/2016	15.00	15.8	6.52	186.3	3.62	73.4	1.13	
MW05	MW5-16.5	06/24/2011	16.50	12.80	6.54	214	--	--	10.03
	MW05-031712	03/17/2012	17.13	12.80	6.72	214	4.45	84.0	0.95
	MW05-062112	06/21/2012	17.13	14.35	6.05	205	1.06	121.9	0.24
	MW05-100412	10/04/2012	17.13	15.94	6.4	212	0.92	125.4	6.50
	MW05-122112	12/21/2012	17.13	14.70	6.89	210	1.22	89.4	1.68
	MW05-040513	04/05/2013	17.13	13.93	6.8	205	1.26	109.4	1.16
	MW05-060313	06/03/2013	17.13	15.77	6.43	190	0.80	-0.1	1.60
	MW05-092713	09/27/2013	17.13	16.22	6.27	187	0.90	1.8	0.80
	MW05-122413	12/24/2013	17.13	14.78	6.11	209	1.25	76.7	0.95
	MW05-032414	03/24/2014	17.13	14.64	6.07	210	1.42	62.0	1.36
	MW05-062314	06/23/2014	17.13	15.46	6.30	209	1.52	100.2	0.46
	MW05-090914	09/09/2014	17.13	17.83	5.75	212	1.54	49.0	0.92
	MW05-120514	12/05/2014	17.13	16.35	6.81	207	2.00	109.7	1.42
	MW05-030515	03/05/2015	17.13	14.18	6.24	201	1.70	74.6	0.96
	MW05-061115	06/11/2015	17.13	15.05	5.65	215	1.86	122.9	0.62
MW05-091615	09/16/2015	16.00	17.73	6.49	208	1.39	105.0	0.59	
MW05-122215	12/22/2015	16.00	15.8	6.58	218.3	1.47	-124.8	1.87	

**Table 4-3
Field Parameters in Monitoring Wells
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington**

Location	Sample ID	Date	Sample Depth ^a (feet bgs)	Temperature (°C)	pH	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	Redox Potential ^b	Turbidity
	MW05-032116	03/21/2016	16.00	13.78	6.22	206	1.29	126.7	0.45
	MW05-090816	09/08/2016	16.00	17.2	6.35	219.7	0.87	229.3	1.33
MW06	MW6-16.0	06/24/2011	16.00	12.30	6.45	225	--	--	9.40
	MW06-031712	03/17/2012	16.32	11.45	6.41	270	6.67	101.0	12.60
	MW06-062012	06/20/2012	16.32	13.90	6.32	235	1.98	99.1	5.80
	MW06-100412	10/04/2012	16.32	17.44	6.33	240	0.91	145.2	1.49
	MW06-122012	12/20/2012	16.32	11.75	6.82	248	1.18	106.5	0.29
	MW06-040513	04/05/2013	16.32	13.55	6.96	235	2.10	113.7	1.78
	MW06-060313	06/03/2013	16.32	17.97	6.31	214	1.47	115.8	1.76
	MW06-092613	09/26/2013	16.32	17.65	6.34	213	2.50	0.9	2.62
	MW06-122413	12/24/2013	16.32	13.14	6.2	215	2.12	210.7	0.72
	MW06-032514	03/25/2014	16.32	12.67	6.07	244	2.55	88.0	0.65
	MW06-062314	06/23/2014	16.32	16.22	6.36	246	2.98	120.9	0.46
	MW06-091114	09/11/2014	16.32	19.43	6.31	253	6.56	6.56	1.72
	MW06-120514	12/05/2014	14.00	13.82	6.15	236	4.17	110.8	2.58
	MW06-030515	03/05/2015	15.26	14.09	6.38	238	3.45	87.3	2.82
	MW06-061015	06/10/2015	16.32	14.95	5.64	249	5.80	192.4	3.11
	MW06-091615	09/16/2015	15.00	16.08	6.49	231	4.73	104.4	3.58
	MW06-122215	12/22/2015	15.00	12.4	6.56	237.9	5.06	135.3	7.74
MW06-032216	03/22/2016	15.50	11.29	7.10	215	5.16	105.0	9.53	
MW06-090716	09/07/2016	15.50	18.7	6.53	236.9	3.78	199.0	3.93	
MW07	MW7-15.0	06/24/2011	15.00	12.10	6.16	185	--	--	8.12
	MW07-031612	03/16/2012	15.62	12.09	6.09	182	6.15	108.2	0.87
	MW07-062012	06/20/2012	15.62	13.71	5.85	131	5.07	143.0	4.12
	MW07-100412	10/04/2012	15.62	17.05	5.85	145	4.49	173.1	4.34
	MW07-121912	12/19/2012	15.62	14.12	6.41	157	4.87	107.8	0.64
	MW07-040913	04/09/2013	15.62	12.46	6.51	158	4.74	149.1	1.84
	MW07-060413	06/04/2013	15.62	14.05	5.84	129	3.74	199.6	0.98

Table 4-3
Field Parameters in Monitoring Wells
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Sample Depth ^a (feet bgs)	Temperature (°C)	pH	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	Redox Potential ^b	Turbidity
	MW07-092513	09/25/2013	15.62	16.21	5.99	92	4.71	308.4	43.70
	MW07-122413	12/24/2013	15.62	13.19	5.76	117	4.70	176.2	4.57
	MW07-032514	03/25/2014	15.62	13.06	5.82	165	4.65	-165.4	1.58
	MW07-062414	06/24/2014	15.62	14.78	5.45	181	5.45	17.0	0.33
	MW07-090914	09/09/2014	15.62	16.99	4.92	198.3	5.08	109.4	1.22
	MW07-120814	12/08/2014	13.50	15.31	6.86	150.9	8.37	83.5	5.06
	MW07-030615	03/06/2015	15.62	14.05	5.97	189	3.69	41.5	1.21
	MW07-061015	06/10/2015	15.62	15.91	5.93	224	4.75	202.9	0.15
	MW07-091615	09/16/2015	15.00	17.44	6.27	170	5.71	165.5	1.49
	MW07-122215	12/22/2015	14.50	14.9	6.16	214.9	3.44	-92.5	1.48
	MW07-032216	03/22/2016	14.50	13.10	5.74	175	4.13	175.0	0.77
MW07-090816	09/08/2016	14.00	18.0	6.05	180.1	3.90	36.6	0.74	
MW08	MW08-031612	03/16/2012	54.98	12.53	6.55	569	1.48	19.1	2.73
	MW08-061812	06/18/2012	54.98	13.18	6.30	454	0.09	-4.1	0.97
	MW08-100512	10/05/2012	54.98	13.35	6.24	465	0.12	23.2	0.80
	MW08-121812	12/18/2012	54.98	12.39	6.88	495	0.07	-23.6	0.97
	MW08-040813	04/08/2013	54.98	12.90	6.78	460	0.24	48.1	0.55
	MW08-060213	06/02/2013	54.98	12.96	6.37	423	0.27	19.0	0.83
	MW08-092413	09/24/2013	54.98	12.88	6.27	422	0.47	-16.8	0.64
	MW08-122013	12/20/2013	54.98	12.43	6.34	425	0.65	15.1	0.18
	MW08-032714	03/27/2014	54.98	12.73	6.57	517	1.27	-380.1	1.10
	MW08-091014	09/10/2014	54.98	12.84	5.83	485	0.52	42.5	0.51
	MW08-120414	12/04/2014	60.00	11.79	6.79	493	0.40	95.8	0.33
	MW08-030415	03/04/2015	62.52	13.15	6.34	473	0.41	32.1	0.52
	MW08-091415	09/14/2015	61.00	13.10	6.86	447	0.78	74.1	0.00
	MW08-032316	03/23/2016	16.00	12.91	6.04	428	0.57	130.5	0.00
MW08-090916	09/09/2016	61.00	13.2	6.42	433.9	0.77	148.3	0.67	

Table 4-3
Field Parameters in Monitoring Wells
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Sample Depth ^a (feet bgs)	Temperature (°C)	pH	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	Redox Potential ^b	Turbidity
MW09	MW09-031412	03/14/2012	14.61	10.10	6.34	258	1.90	43.2	51.30
	MW09-062012	06/20/2012	14.61	13.75	6.34	292	0.11	18.1	30.61
	MW09-100312	10/03/2012	14.61	15.12	6.19	259	0.11	-11.8	5.90
	MW09-122112	12/21/2012	14.61	13.80	6.84	278	0.19	-18.0	4.79
	MW09-040813	04/08/2013	14.61	12.14	6.8	272	0.13	19.2	5.88
	MW09-060313	06/03/2013	14.61	13.49	6.43	261	0.03	-2.6	3.62
	MW09-092713	09/27/2013	14.61	14.85	6.36	230	0.31	-4.0	3.29
	MW09-122313	12/23/2013	14.61	13.65	6.1	270	0.40	126.8	3.66
	MW09-032714	03/27/2014	14.61	12.32	6.01	275	0.35	33.8	5.91
	MW09-062514	06/25/2014	15.62	13.33	5.86	287	0.11	-126.0	0.26
	MW09-091114	09/11/2014	14.61	15.80	6.15	267	0.10	-42.6	1.12
	MW09-120814	12/08/2014	12.50	14.72	6.73	259	0.33	48.3	2.38
	MW09-030515	03/05/2015	14.16	13.00	6.19	263	0.13	54.9	0.90
	MW09-061115	06/11/2015	15.62	13.75	6.21	284	0.18	44.5	0.23
	MW09-091415	09/14/2015	13.50	15.99	6.70	238	0.13	-14.9	4.10
	MW09-122215	12/22/2015	13.50	14.4	6.44	249.3	0.18	-31.4	4.00
MW09-032116	03/21/2016	13.50	12.52	5.85	233	0.21	61.4	1.30	
MW09-090816	09/08/2016	13.00	15.7	6.54	225.4	0.13	-77.8	1.49	
MW10	MW10-031312	03/13/2012	29.53	11.28	6.53	194	1.99	-11.4	3.78
	MW10-062112	06/21/2012	29.53	13.48	6.58	159	0.32	-15.6	3.00
	MW10-100412	10/04/2012	29.53	14.35	6.39	167	0.19	-13.4	1.08
	MW10-121912	12/19/2012	29.53	12.41	7.14	158	0.21	-59.6	0.34
	MW10-040913	04/09/2013	29.53	12.93	7.19	162	1.01	-10.4	0.70
	MW10-060413	06/04/2013	29.53	14.01	6.75	149	0.38	-9.7	1.50
	MW10-092513	09/25/2013	29.53	14.19	6.63	149	0.26	-28.9	1.29
	MW10-122413	12/24/2013	29.53	12.87	6.42	146	1.01	121.5	0.58
	MW10-032514	03/25/2014	29.53	13.25	6.48	159	1.59	-149.8	0.95
MW10-062414	06/24/2014	29.53	13.81	6.57	170	0.79	-20.7	1.80	

Table 4-3
Field Parameters in Monitoring Wells
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Sample Depth ^a (feet bgs)	Temperature (°C)	pH	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	Redox Potential ^b	Turbidity
	MW10-090914	09/09/2014	29.53	14.21	6.40	175	0.71	-23.2	9.74
	MW10-120814	12/08/2014	27.50	13.48	7.18	181.2	0.65	2.0	2.43
	MW10-030615	03/06/2015	29.53	13.82	6.33	169	0.75	0.9	0.68
	MW10-061015	06/10/2015	29.53	14.03	6.02	179	1.01	39.5	0.36
	MW10-091715	09/17/2015	29.00	14.13	6.71	168	0.91	15.9	1.17
	MW10-122215	12/22/2015	28.50	13.6	6.73	170.9	1.04	-75.0	0.30
	MW10-032216	03/22/2016	28.50	13.67	6.38	165	1.17	73.4	0.49
	MW10-090816	09/08/2016	28.00	14.5	6.70	179.8	1.18	-60.9	0.72
MW11	MW11-031312	03/13/2012	19.54	11.06	6.01	261	3.99	101.1	0.18
	MW11-062012	06/20/2012	19.54	13.48	6.21	207	3.19	108.7	1.63
	MW11-100512	10/05/2012	19.54	15.41	6.02	210	2.68	138.7	1.94
	MW11-122012	12/20/2012	19.54	12.80	6.75	210	3.40	118.7	0.40
	MW11-040913	04/09/2013	19.54	12.52	7.06	207	3.25	98.9	0.63
	MW11-060413	06/04/2013	19.54	14.56	6.28	183	3.04	77.0	2.33
	MW11-092413	09/24/2013	19.54	14.08	6.08	156	3.67	276.7	0.53
	MW11-122413	12/24/2013	19.54	13.03	6.04	209	4.14	184.0	14.80
	MW11-032714	03/27/2014	19.54	12.64	5.88	221	4.04	112.8	1.32
	MW11-062414	06/24/2014	19.54	13.27	5.75	222	3.37	0.6	0.17
	MW11-091014	09/10/2014	19.54	14.16	6.04	232	3.41	83.6	5.56
	MW11-120914	12/09/2014	17.50	14.05	6.72	225	5.43	94.0	2.73
	MW11-030615	03/06/2015	19.54	13.56	5.95	222	4.20	96.4	6.31
	MW11-061015	06/10/2015	19.54	13.87	6.32	231	3.80	181.9	1.51
	MW11-091515	09/15/2015	19.00	14.43	6.33	218	4.41	119.2	2.92
	MW11-122315	12/23/2015	18.50	13.8	6.37	224.1	5.50	131.9	1.70
MW11-032216	03/22/2016	18.50	12.79	6.13	217	4.25	172.0	1.95	
MW11-090816	09/08/2016	18.00	14.8	6.35	227.0	3.71	275.0	4.29	

Table 4-3
Field Parameters in Monitoring Wells
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Sample Depth ^a (feet bgs)	Temperature (°C)	pH	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	Redox Potential ^b	Turbidity
MW13	MW13-031412	03/14/2012	19.45	12.50	6.44	249	2.96	149.6	10.37
	MW13-062112	06/21/2012	19.45	14.45	6.43	242	1.67	90.2	7.28
	MW13-100712	10/07/2012	19.45	15.92	6.28	250	1.94	142.9	2.35
	MW13-122012	12/20/2012	19.45	14.22	6.93	255	2.11	113.1	0.94
	MW13-040913	04/09/2013	19.45	13.80	7.16	255	2.41	94.3	1.00
	MW13-060413	06/04/2013	19.45	15.57	6.49	241	1.95	13.3	0.64
	MW13-092513	09/25/2013	19.45	15.50	6.35	238	2.30	-12.5	1.22
	MW13-122413	12/24/2013	19.45	13.99	6.16	269	2.84	133.9	1.64
	MW13-032714	03/27/2014	19.45	14.03	6.20	276	2.91	-230.6	1.28
	MW13-062414	06/24/2014	19.45	14.45	6.36	277	2.58	132.7	0.93
	MW13-091014	09/10/2014	19.45	15.98	6.14	288	3.38	64.0	2.24
	MW13-120914	12/09/2014	17.50	15.13	6.82	276	3.39	57.4	1.05
	MW13-030615	03/06/2015	19.45	15.14	6.31	278	2.05	46.8	0.47
	MW13-061015	06/10/2015	19.45	15.20	6.08	291	2.80	72.7	1.86
	MW13-091515	09/15/2015	18.50	16.16	6.42	278	3.10	97.1	0.00
	MW13-122315	12/23/2015	18.50	15.1	6.55	297.7	3.64	-85.2	0.01
MW13-032216	03/22/2016	18.50	14.42	6.31	300	2.66	166.9	0.00	
MW13-090716	09/07/2016	18.50	16.9	6.45	300.1	2.66	185.9	0.73	
MW14	MW14-031212	03/12/2012	21.81	11.86	6.34	160	1.71	114.5	0.28
	MW14-062012	06/20/2012	21.81	14.05	6.15	204	0.99	116.3	6.12
	MW14-100312	10/03/2012	21.81	16.18	6.14	180	0.44	116.6	0.73
	MW14-121912	12/19/2012	21.81	13.37	6.64	165	1.32	71.1	0.21
	MW14-040913	04/09/2013	21.81	13.45	6.89	165	2.12	90.7	0.74
	MW14-060413	06/04/2013	21.81	14.72	6.21	176	1.13	17.8	1.50
	MW14-092713	09/27/2013	21.81	14.73	6.08	133	1.40	287.7	0.85
	MW14-122313	12/23/2013	21.81	14.59	6.1	162	1.21	157.3	1.74
	MW14-032714	03/27/2014	21.81	13.97	6.10	175	1.32	-279.4	0.71
MW14-062514	06/25/2014	21.81	14.39	5.75	211	0.33	-122.7	3.15	

Table 4-3
Field Parameters in Monitoring Wells
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Sample Depth ^a (feet bgs)	Temperature (°C)	pH	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	Redox Potential ^b	Turbidity
	MW14-091114	09/11/2014	21.81	15.59	5.82	181.5	0.22	74.8	72.40
	MW14-120814	12/08/2014	20.00	15.43	6.58	183.4	0.34	102.9	5.76
	MW14-030515	03/05/2015	21.81	14.63	6.12	202	0.51	70.3	12.06
	MW14-061115	06/11/2015	21.81	14.32	5.56	208	0.36	124.0	6.93
	MW14-091715	09/17/2015	21.00	17.21	6.25	138	0.21	34.1	11.76
	MW14-122215	12/22/2015	20.00	14.0	6.22	171.6	0.17	93.6	13.5
	MW14-032116	03/21/2016	20.00	13.47	5.75	148	0.41	121.7	6.35
	MW14-090716	09/07/2016	20.00	16.0	6.21	130.0	0.08	182.8	2.76
MW15	MW15-031512	03/15/2012	64.95	14.91	6.45	209	2.09	119.8	7.41
	MW15-061912	06/19/2012	64.95	13.81	6.16	200	5.53	136.4	2.38
	MW15-100712	10/07/2012	64.95	13.41	6.22	205	4.52	138.3	4.85
	MW15-122112	12/21/2012	64.95	13.53	6.57	192	5.30	74.5	2.32
	MW15-041013	04/10/2013	64.95	14.55	7.24	199	4.17	70.5	0.95
	MW15-060413	06/04/2013	64.95	13.75	6.34	177	3.88	69.7	3.16
	MW15-092413	09/24/2013	64.95	14.53	6.02	181	4.86	-14.2	2.87
	MW15-122013	12/20/2013	64.95	13.60	6.37	176	2.85	129.1	0.90
	MW15-032514	03/25/2014	64.95	13.86	6.20	181	4.64	-185.6	0.66
	MW15-062414	06/24/2014	64.95	14.00	5.94	178	5.95	-22.4	0.18
	MW15-091014	09/10/2014	64.95	14.37	5.13	193	7.11	97.4	1.27
	MW15-120314	12/03/2014	64.95	14.17	6.02	180	6.93	136.6	2.10
	MW15-030515	03/05/2015	64.95	14.48	6.14	177	4.32	97.4	1.08
	MW15-060915	06/09/2015	64.95	14.91	5.5	189	6.33	101.2	4.54
	MW15-091515	09/15/2015	64.00	14.63	6.52	178	6.62	53.5	0.01
	MW15-122115	12/21/2015	64.00	14.1	6.32	177.5	8.90	71.7	0.51
MW15-032216	03/22/2016	63.50	14.35	5.94	174	6.60	125.3	0.05	
MW15-090916	09/09/2016	63.50	15.3	6.29	185.8	6.50	209.8	0.86	

Table 4-3
Field Parameters in Monitoring Wells
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Sample Depth ^a (feet bgs)	Temperature (°C)	pH	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	Redox Potential ^b	Turbidity
MW16	MW16-031512	03/15/2012	64.53	13.07	6.42	212	3.84	128.2	5.87
	MW16-061912	06/19/2012	64.53	13.30	6.01	210	4.22	138.9	5.37
	MW16-100712	10/07/2012	64.53	15.06	6.31	216	3.93	135.8	50.58
	MW16-122112	12/21/2012	64.53	13.14	6.57	195	5.87	98.6	4.14
	MW16-041013	04/10/2013	64.53	14.70	7.13	188	4.83	79.0	3.72
	MW16-060413	06/04/2013	64.53	13.73	6.17	167	5.24	70.9	2.87
	MW16-092413	09/24/2013	64.53	13.99	5.7	187	5.19	-4.0	4.16
	MW16-122013	12/20/2013	64.53	13.20	6.2	177	4.26	175.2	1.27
	MW16-032514	03/25/2014	64.53	13.44	6.16	197	4.84	-193.2	1.71
	MW16-062414	06/24/2014	64.53	13.72	5.56	192	5.93	6.7	0.40
	MW16-091014	09/10/2014	64.53	14.15	5.68	204	6.57	64.2	1.08
	MW16-120314	12/03/2014	64.53	14.05	5.73	193	6.93	149.7	3.46
	MW16-030515	03/05/2015	63.50	14.07	6.01	193	4.02	95.2	2.09
	MW16-060915	06/09/2015	64.53	15.00	5.73	208	5.15	96.0	1.95
	MW16-091515	09/15/2015	63.50	14.77	6.46	189	5.69	158.7	0.12
	MW16-122115	12/21/2015	63.00	13.7	6.13	204.1	7.89	75.3	0.30
MW16-032216	03/22/2016	63.50	14.14	5.60	192	6.11	126.6	0.43	
MW16-090916	09/09/2016	63.50	14.6	6.22	209.1	5.77	236.1	0.72	
MW17	MW17-040913	04/09/2013	33.25	13.48	7.46	252	0.03	-78.3	0.79
	MW17-060413	06/04/2013	33.25	13.69	6.57	220	0.13	-61.5	7.55
	MW17-092613	09/26/2013	33.25	13.67	6.61	230	0.21	-28.2	2.10
	MW17-122313	12/23/2013	33.25	13.21	6.39	231	0.12	114.0	0.67
	MW17-032714	03/27/2014	33.25	13.74	6.6	270	0.17	-367.1	0.70
	MW17-091114	09/11/2014	33.25	16.59	6.31	273	0.05	-86.0	0.98
	MW17-120914	12/09/2014	31.00	13.14	7.11	271	0.09	-6.3	1.36
	MW17-030615	03/06/2015	32.00	13.46	6.58	265	0.00	-25.4	0.45
MW17-091715	09/17/2015	32.50	14.09	6.71	267	0.06	-24.4	0.23	

Table 4-3
Field Parameters in Monitoring Wells
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Sample Depth ^a (feet bgs)	Temperature (°C)	pH	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	Redox Potential ^b	Turbidity
	MW17-032216	03/22/2016	32.00	13.94	6.08	250	0.11	-23.3	0.02
	MW17-090716	09/07/2016	32.00	13.9	6.71	276.7	0.09	-45.0	0.80
MW18	MW18-041013	04/10/2013	43.16	12.36	7.1	206	6.46	105.9	5.30
	MW18-060313	06/03/2013	43.16	12.99	6.01	182	5.88	149.9	334.90
	MW18-092713	09/27/2013	43.16	12.80	6.36	188	3.58	-0.5	N/A
	MW18-122313	12/23/2013	43.16	11.44	6.6	193	4.18	147.6	33.70
	MW18-032714	03/27/2014	43.16	--	--	--	--	--	--
	MW18-062414	06/24/2014	43.16	--	--	--	--	--	--
	MW18-091014	09/10/2014	43.16	14.06	6.38	235	6.56	47.6	--
	MW18-120414	12/04/2014	41.00	10.42	5.64	214	6.08	161.0	2.87
	MW18-030515	03/05/2015	43.16	--	--	--	--	--	--
	MW18-061015	06/10/2015	43.16	--	--	--	--	--	--
	MW18-091615	09/16/2015	42.00	15.20	6.41	238	5.44	109.7	0.45
	MW18-122215	12/22/2015	42.00	11.4	6.25	228.4	6.36	160.5	0.92
MW19	MW19-041013	04/10/2013	63.00	18.15	7.54	242	0.53	-230.1	25.60
	MW19-060413	06/04/2013	63.00	17.79	6.97	226	0.13	-88.8	4.43
	MW19-092413	09/24/2013	63.00	18.61	6.97	276	0.10	-52.4	1.55
	MW19-122013	12/20/2013	63.00	17.75	6.89	284	0.11	18.6	1.34
	MW19-032614	03/26/2014	63.00	18.06	6.94	312	0.21	-83.7	2.78
	MW19-091114	09/11/2014	63.00	18.14	6.61	292	0.14	-109.7	0.31
	MW19-120514	12/05/2014	63.00	17.59	7.27	268	0.22	-27.8	0.97
	MW19-030615	03/06/2015	63.00	17.91	6.78	269	0.05	10.4	0.82
	MW19-091515	09/15/2015	62.00	18.09	7.26	274	0.10	-44.0	3.39
	MW19-032216	03/22/2016	62.00	17.73	6.69	258	0.17	89.3	0.10
MW19-090916	09/09/2016	62.00	18.3	6.96	289.2	0.03	23.3	0.53	

Table 4-3
Field Parameters in Monitoring Wells
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Sample Depth ^a (feet bgs)	Temperature (°C)	pH	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	Redox Potential ^b	Turbidity
MW20	MW20-040913	04/09/2013	9.67	12.84	6.07	333	0.75	49.6	34.50
	MW20-060313	06/03/2013	9.67	17.28	5.77	288	0.66	40.5	78.04
	MW20-092713	09/27/2013	9.67	19.78	5.79	311	0.45	5.1	271.60
	MW20-122013	12/24/2013	9.67	12.05	5.36	284	3.30	133.0	45.80
	MW20-032714	03/27/2014	9.67	12.59	5.4	277	1.15	119.7	62.33
	MW20-091014	09/10/2014	9.67	20.37	5.57	297	1.01	129.0	617.10
	MW20-120514	12/05/2014	9.67	14.85	5.45	255	3.77	122.3	348.90
	MW20-030615	03/06/2015	9.67	12.99	5.62	272	1.85	112.4	--
	MW20-091615	09/16/2015	8.50	19.75	6.03	260	2.79	105.1	32.20
	MW20-032216	03/22/2016	8.50	11.47	6.03	179	4.65	132.5	25.2
MW20-090716	09/07/2016	9.00	21.7	6.67	235.3	2.56	208.9	40.0	
MW21	MW21-040813	04/08/2013	13.10	12.26	6.79	195	1.24	80.7	1.55
	MW21-060313	06/03/2013	13.10	13.98	6.26	168	0.59	70.7	1.95
	MW21-092713	09/27/2013	13.10	15.40	6.16	186	0.45	4.9	1.38
	MW21-122313	12/23/2013	13.10	13.15	5.93	223	1.27	125.2	1.29
	MW21-032414	03/24/2014	13.10	12.50	5.94	222	2.70	91.7	2.58
	MW21-062314	06/23/2014	13.10	14.57	5.86	211	0.90	18.1	3.16
	MW21-090914	09/09/2014	13.10	16.36	5.13	216	0.71	97.6	9.28
	MW21-120514	12/05/2014	11.00	14.63	5.88	196	2.31	103.6	6.82
	MW21-030415	03/04/2015	13.10	12.34	6.11	187	0.61	83.8	1.08
	MW21-060915	06/09/2015	13.10	14.12	6.05	183	0.33	134.1	2.03
	MW21-091615	09/16/2015	12.00	17.93	6.44	172	2.18	95.4	2.48
	MW21-122115	12/21/2015	12.00	13.7	6.32	176.9	2.74	38.1	2.30
	MW21-032116	03/21/2016	12.00	11.94	5.86	153	5.33	119.3	1.25
MW21-090816	09/08/2016	12.00	17.8	6.32	168.4	1.69	-48.8	2.10	

Table 4-3
Field Parameters in Monitoring Wells
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

NOTES:

-- = not measured.

°C = degrees Celsius.

bgs = below ground surface.

mg/L = milligrams per liter.

N/A = not applicable.

redox = reduction/oxidation.

uS/cm = microsiemens per centimeter.

^aSample depth approximately 1 foot from bottom of well.

^bRedox potential values for 3/27/2014 may be estimated.

Table 4-4
PCE and Breakdown Products in Soil Gas (ug/m³)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Lab Code	Date	Depth (feet bgs)	1,1-Dichloro-ethene	cis-1,2-Dichloro-ethene	PCE	trans-1,2-Dichloro-ethene	TCE	Vinyl chloride
MTCA Method B Subslab Soil Gas Screening Value					910	160	4.2	320	1	2.8
SG1	SG1-4.0	1003288-01A	03/09/2010	4	0.14 U	0.27 U	200	1.4 U	0.37 U	0.087 U
SG2	SG2-3.0	1003288-02A	03/09/2010	3	12 U	12 U	3800	12 U	17 U	7.9 U
SG3	SG3-3.5	1003288-03A	03/10/2010	3.5	0.064 U	0.13 U	0.22 U	0.64 U	0.17 U	0.050
SG4	SG4-3.5	1003288-04A	03/10/2010	3.5	0.065 U	0.13 U	1.2	0.65 U	0.18 U	0.042 U
SG5	SG5-3.5	1003288-05A	03/10/2010	3.5	0.065 U	0.13 U	2.9	0.65 U	0.18 U	0.042 U
SG7	SG7-3.5	1003288-07A	03/10/2010	3.5	1.2 U	2.5 U	2800	12 U	32	0.81 U
SG8	SG8-3.5	1003288-08A	03/10/2010	3.5	0.057 U	0.11 U	35	0.57 U	0.15 U	0.037 U
SG9	SG9-3.5	1003288-09A	03/10/2010	3.5	0.060 U	0.12 U	3.5	0.60 U	0.16 U	0.094
SG10	SG10-2.5	1003288-10A	03/10/2010	2.5	1.2 U	2.4 U	1600	12 U	3.3 U	0.79 U
SG11	SG11	1106496-01A	06/20/2011	5	4 U	4 U	6.8 U	4 U	5.4 U	2.6 U
SG12	SG12	1106496-02A	06/20/2011	5	4 U	4 U	15	4 U	5.4 U	2.6 U
SG13	SG13	1106496-03A	06/20/2011	5	4 U	4 U	150	4 U	5.4 U	2.6 U
SG14	SG14	1106496-04A	06/21/2011	5	4 U	4 U	6.8 U	4 U	5.4 U	2.6 U
SG15	SG15	1106496-05A	06/20/2011	5	4 U	4 U	6.8 U	4 U	5.4 U	2.6 U

NOTES:

bgs = below ground surface.

Bold = value exceeds the MTCA Method B screening level.

MTCA = Model Toxics Control Act.

PCE = tetrachloroethene.

TCE = trichloroethene.

U = not detected at or above method reporting limit.

ug/m³ = micrograms per cubic meter.

**Table 4-5
Analytes and Screening Levels (ug/m³)
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington**

Analyte	CAS Number	Screening Level— Air	Screening Level— Soil Gas
PCE	127-18-4	9.6	96
TCE	79-01-6	0.37	3.7
1,1-DCE	75-35-4	91	910
cis-1,2-DCE	156-59-2	16	160
trans-1,2-DCE	156-60-5	32	320
1,1-DCA	75-34-3	320	3200
1,2-DCA	107-06-2	0.096	0.96
Chloroethane	75-00-3	3	30
Vinyl chloride	75-01-4	0.28	2.8
<p>NOTES:</p> <p>Screening levels are based on Table B-1, Ecology 2009 draft guidance for evaluating soil vapor intrusion in Washington State: investigation and remedial action. Washington State Department of Ecology, Toxics Cleanup Program, Southwest Regional Office. October.</p> <p>Values for PCE and TCE are based on Ecology 2012 Cleanup Levels and Risk Calculation (CLARC) Web site. Washington State Department of Ecology, Toxics Cleanup Program, Southwest Regional Office. September 26. https://fortress.wa.gov/ecy/clarc/Reporting/CLARCReportViewer.aspx?report=CLARCHistory</p> <p>CAS = Chemical Abstract Service. DCA = dichloroethane. DCE = dichloroethene. PCE = tetrachloroethene. TCE = trichloroethene. ug/m³ = micrograms per cubic meter.</p>			

Table 7-1
Compliance Monitoring Schedules
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Year	Alternative 1	Alternative 2	Alternative 3	Alternative 4	Alternative 5	Alternative 6	Alternative 7	
1	No Action	Every 18 months: MW03, MW04, MW05, MW06, MW07, MW09, MW10, MW11, MW13, MW15, and MW16	Every 6 months: MW03, MW05, MW09, MW10, MW11, MW13, MW15, and MW16	Every 6 months: MW03, MW05, MW09, MW10, MW11, MW13, MW15, and MW16	Every 6 months: MW03, MW05, MW09, MW10, MW11, MW13, MW15, and MW16	Every 6 months: MW03, MW05, MW09, MW10, MW11, MW13, MW15, and MW16	Every 6 months: MW03, MW05, MW09, MW10, MW11, MW13, MW15, and MW16	
2			Every 18 months: MW03, MW05, MW09, MW10, MW11, MW13, MW15, and MW16	Every 18 months: MW03, MW05, MW09, MW10, MW11, MW13, MW15, and MW16	Every 18 months: MW03, MW05, MW09, MW10, MW11, MW13, MW15, and MW16	Every 18 months: MW03, MW05, MW09, MW10, MW11, MW13, MW15, and MW16	Every 18 months: MW03, MW05, MW09, MW10, MW11, MW13, MW15, and MW16	Every 18 months: MW03, MW05, MW09, MW10, MW11, MW13, MW15, and MW16
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NOTES:
 During sampling event, samples from MW05 will be duplicated.
 Monitoring well MW47D is currently sampled by the Port of Ridgefield on an 18-month schedule, and the results will be incorporated into Park Laundry monitoring reports.
 For groundwater monitoring events conducted every 18 months, monitoring wells will be sampled during alternating dry (September) and wet (March) seasons.
 MW = monitoring well.

**Table 7-2: Cost Estimate
Alternative 2: Soil Excavation to 15', Institutional Controls, and
Groundwater Monitoring
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington**

Remedy Components

- 1 Excavate to clay layer (appx. 15 ft bgs).
- 2 Backfill with clean, imported material.
- 3 Institutional controls, including groundwater prohibition.
- 4 Groundwater monitoring.

Assumptions

- 1 Density of soil = 1.6 tons/CY.
- 2 1,000 CY of impacted soil will be removed and disposed of.
- 3 Excavation extent shown in Figure 7-2.
- 4 Excavated material will be characterized prior to off-site disposal. It is assumed that material will be hazardous and disposed of at a Subtitle C landfill (Chemical Waste Management, Arlington, OR). Estimated cost based on 2017 bid prices.
- 5 One waste characterization sample and ten confirmation samples will be taken at the excavation.
- 6 Water from dewatering excavation will be pretreated on site and transported to publicly owned sanitary sewer facility for discharge.
- 7 Remedial excavations will be backfilled with clean, imported material and compacted to a minimum of 92%, based on the Modified Proctor Test (ASTM, 2012).
- 8 Surface restoration will be completed with gravel or asphalt to match previous conditions.
- 9 Groundwater monitoring will be conducted every 18 months. Wells to be monitored include the source area (MW03, MW04, MW05, and MW06) and downgradient wells (MW07, MW09, MW10, MW11, MW13, MW15, MW16). Thirty years of groundwater monitoring is assumed. Monitoring wells will be decommissioned in year 30, pending four consecutive clean sampling events.
- 10 Discount rate of 0.7% will be used for calculating the net present value of monitoring costs.
- 11 A 30% contingency rate of the remedial action and professional services subtotal will be used for estimating overall costs.

Table 7-2: Cost Estimate
Alternative 2: Soil Excavation to 15', Institutional Controls, and
Groundwater Monitoring
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Component	Units	Unit Cost	No. of Units	Cost	Total Cost
Excavation					
Mobilization	LS	\$ 12,800	1	\$ 12,800	
Excavation and Handling	CY	\$ 16	1,000	\$ 16,000	
Excavation Shoring (trench box)	LS	\$ 10,000	1	\$ 10,000	
Operation of Dewatering System	LS	\$ 10,000	1	\$ 10,000	
Water Treatment and Discharge	LS	\$ 20,000	1	\$ 20,000	
Contaminated-Soil Transport and Disposal	TON	\$ 230	1,600	\$ 368,000	
Monitoring Well Decommissioning (MW1 and MW21)	LS	\$ 6,000	1	\$ 6,000	
Asphalt Cutting, Disposal, and Resurfacing	LS	\$ 2,000	1	\$ 2,000	
Purchase of Fill	CY	\$ 30	480	\$ 14,400	
Purchase of Pea Gravel	CY	\$ 50	630	\$ 31,500	
Purchase and Placement of Surface Gravel	CY	\$ 50	40	\$ 2,000	
Placement and Compaction of Fill	CY	\$ 9	1,000	\$ 9,000	
Decontamination of Trench Box (steam clean)	LS	\$ 2,000	1	\$ 2,000	
Soil Confirmation Sampling	EA	\$ 400	10	\$ 4,000	
Waste Profiling	EA	\$ 480	1	\$ 480	
REMEDIAL ACTION SUBTOTAL					\$ 508,180
LOCAL & STATE SALES TAX				8.40%	\$ 42,700
Professional Services					
Permitting				\$ 5,000	
Engineering, Contracting, Negotiations, and Work Plan Assistance				\$ 5,000	
Construction Services and CQA				\$ 36,300	
Construction Completion Report				\$ 5,000	
PROFESSIONAL SERVICES SUBTOTAL					\$ 51,300
Contingency		30%			\$ 167,900
REMEDIAL ACTION TOTAL					\$ 771,000
Monitoring					
Groundwater Monitoring for 30 years			per event	\$ 10,000	
Groundwater Monitoring Report for 30 years			per event	\$ 5,000	
Monitoring Well Decommissioning in Year 30				\$ 54,000	
Discount Rate				0.70%	
Present Worth of Monitoring and Maintenance					\$ 319,000
Total (rounded to the nearest \$1,000)					\$ 1,089,000

**Table 7-2: Cost Estimate
Alternative 2: Soil Excavation to 15', Institutional Controls, and
Groundwater Monitoring
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington**

NOTES:

ASTM = American Society for Testing and Materials.

bgs = below ground surface.

CQA = construction quality assurance.

CY = cubic yards.

EA = each.

ft = feet.

LS = lump sum.

Table 7-3: Cost Estimate
Alternative 3: Soil Excavation to 6', Focused Groundwater Remediation, Institutional
Controls, and Groundwater Monitoring
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Remedy Components

- 1 Excavate surface soil (up to 6 feet bgs).
- 2 Backfill with clean, imported material.
- 3 Targeted groundwater remediation near MW01 and MW03.
- 4 Institutional controls, including groundwater prohibition.
- 5 Groundwater monitoring.

Assumptions

- 1 Density of soil = 1.6 tons/CY.
- 2 250 CY of impacted soil will be removed and disposed of.
- 3 Excavation extent shown in Figure 7-2.
- 4 Excavated material will be characterized prior to off-site disposal. It is assumed that material will be hazardous and disposed of at a Subtitle C landfill (Chemical Waste Management, Arlington, OR). Estimated cost based on 2017 bid prices.
- 5 One characterization sample and up to five confirmation samples will be taken at the excavation.
- 6 Excavation will be above the water table, so no dewatering should be necessary.
- 7 Remedial excavations will be backfilled with clean, imported material and compacted to a minimum of 92%, based on the Modified Proctor Test (ASTM, 2012).
- 8 EHC amendment will be grid-injected around a 9,700-SF area around MW03. Treatment interval is 10 feet, on average from 5 to 15 feet bgs. The Property area will receive a higher concentration of EHC than the remainder of the area. Estimate is 43,450 LB of EHC and 30 L of DHC Inoculum, assuming 70 injections.
- 9 Replacement of monitoring wells compromised during remedy implementation is not included in this cost estimate.
- 10 Surface restoration will be completed with gravel or asphalt to match previous conditions.
- 11 Groundwater monitoring will be conducted twice per year for two years, then every 18 months. Wells to be monitored include MW03, MW05, MW09, MW10, MW11, MW13, MW15, and MW16. Thirty years of groundwater monitoring is assumed. Monitoring wells will be decommissioned in year 30.
- 12 Discount rate of 0.7% will be used for calculating the net present value of monitoring costs.
- 13 A 30% contingency rate of the remedial action and professional services subtotal will be used for estimating overall costs.

Table 7-3: Cost Estimate
Alternative 3: Soil Excavation to 6', Focused Groundwater Remediation, Institutional
Controls, and Groundwater Monitoring
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Component	Units	Unit Cost	No. of Units	Cost	Total Cost
Excavation					
Mobilization	LS	\$ 5,000	1	\$ 5,000	
Excavation and Handling	CY	\$ 24	250	\$ 6,000	
Contaminated-Soil Transport and Disposal	TON	\$ 230	400	\$ 92,000	
Asphalt Cutting, Disposal, and Resurfacing	LS	\$ 2,000	1	\$ 2,000	
Purchase of Fill	CY	\$ 30	250	\$ 7,500	
Purchase and Placement of Surface Gravel	CY	\$ 50	11	\$ 550	
Placement and Compaction of Fill	CY	\$ 9	70	\$ 630	
Soil Confirmation Sampling	EA	\$ 400	5	\$ 2,000	
Waste Profiling	EA	\$ 480	1	\$ 480	
Targeted Groundwater Remediation					
Additional Data Collection	LS	\$ 30,000	1	\$ 30,000	
Drilling/Injection	EA	\$ 1,500	70	\$ 105,000	
EHC Amendment	LB	\$ 1.75	43,450	\$ 76,038	
DHC Inoculum	L	\$ 110	30	\$ 3,300	
Transportation	LS	\$ 10,000	1	\$ 10,000	
REMEDIAL ACTION SUBTOTAL					\$ 340,498
LOCAL & STATE SALES TAX				8.40%	\$ 28,600
Professional Services					
Permitting				\$ 8,000	
Engineering, Contracting, Negotiations, and Work Plan Assistance				\$ 60,000	
Construction Services and CQA				\$ 39,000	
Completion Report				\$ 10,000	
PROFESSIONAL SERVICES SUBTOTAL					\$117,000
Contingency		30%			\$ 137,249
REMEDIAL ACTION TOTAL					\$ 623,000
Monitoring and Maintenance					
Groundwater Monitoring for 30 years			per event	\$ 8,000	
Groundwater Monitoring Report for 30 years			per event	\$ 5,000	
Monitoring Well Decommissioning in Year 30				\$ 57,000	
Discount Rate				0.70%	
Present Worth of Monitoring and Maintenance					\$ 319,000
TOTAL (rounded to the nearest \$1,000)					\$ 942,000

Table 7-3: Cost Estimate
Alternative 3: Soil Excavation to 6', Focused Groundwater Remediation, Institutional
Controls, and Groundwater Monitoring
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

NOTES:

ASTM = American Society for Testing and Materials.

bgs = below ground surface.

CQA = construction quality assurance.

CY = cubic yards.

EA = each.

L = liter(s).

LB = pound.

LS = lump sum.

SF = square feet.

Table 7-4: Cost Estimate
Alternative 4: Soil Excavation to 15', Focused Groundwater Remediation, Institutional
Controls, and Groundwater Monitoring
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Remedy Components

- 1 Excavate to clay layer (up to 15 feet bgs).
- 2 Backfill with clean, imported material.
- 3 Targeted groundwater remediation near MW01 and MW03.
- 4 Institutional controls, including groundwater prohibition.
- 5 Groundwater monitoring.

Assumptions

- 1 Density of soil = 1.6 tons/CY.
- 2 1,000 CY of impacted soil will be removed and disposed of.
- 3 Excavation extent shown in Figure 7-2.
- 4 Excavated material will be characterized prior to off-site disposal. It is assumed that material will be hazardous and disposed of at a Subtitle C landfill (Chemical Waste Management, Arlington, OR). Estimated cost based on 2017 bid prices.
- 5 One characterization sample and ten confirmation samples will be taken at the excavation.
- 6 Water from dewatering excavation will be pretreated on site and transported to publicly owned sanitary sewer facility for discharge.
- 7 Remedial excavations will be backfilled with clean, imported material and compacted to a minimum of 92%, based on the Modified Proctor Test (ASTM, 2012).
- 8 EHC amendment will be grid-injected around a 9,700-SF area around MW03. Treatment depth is 10 feet, on average from 5 to 15 feet bgs. The Property area will receive a higher concentration of EHC than the remainder of the area. Estimate is 43,450 LB of EHC and 30 L of DHC Inoculum, assuming 70 injections.
- 9 Replacement of monitoring wells compromised during remedy implementation is not included in this cost estimate.
- 10 Surface restoration will be completed with gravel or asphalt to match previous conditions.
- 11 Groundwater monitoring will be conducted twice per year for two years, then every 18 months. Wells to be monitored include MW03, MW05, MW09, MW10, MW11, MW13, MW15, and MW16. Thirty years of groundwater monitoring is assumed. Monitoring wells will be decommissioned in year 30.
- 12 Discount rate of 0.7% will be used for calculating the net present value of monitoring costs.
- 13 A 30% contingency rate of the remedial action and professional services subtotal will be used for estimating overall costs.

Table 7-4: Cost Estimate
Alternative 4: Soil Excavation to 15', Focused Groundwater Remediation, Institutional
Controls, and Groundwater Monitoring
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Component	Units	Unit Cost	No. of Units	Cost	Total Cost
Excavation					
Mobilization	LS	\$ 15,800	1	\$ 15,800	
Excavation and Handling	CY	\$ 16	1,000	\$ 16,000	
Excavation Shoring (trench box)	LS	\$ 10,000	1	\$ 10,000	
Installation of Dewatering Wells	LS	\$ 20,000	1	\$ 20,000	
Operation of Dewatering System	LS	\$ 10,000	1	\$ 10,000	
Contaminated-Soil Transport and Disposal	TON	\$ 230	1,600	\$ 368,000	
Monitoring Well Decommissioning (MW01 and MW21)	LS	\$ 6,000	1	\$ 6,000	
Asphalt Cutting, Disposal, and Resurfacing	LS	\$ 2,000	1	\$ 2,000	
Purchase of Fill	CY	\$ 30	480	\$ 14,400	
Purchase of Pea Gravel	CY	\$ 50	630	\$ 31,500	
Purchase and Placement of Surface Gravel	CY	\$ 50	40	\$ 2,000	
Placement and Compaction of Fill	CY	\$ 9	1,000	\$ 9,000	
Decontamination of Trench Box	LS	\$ 2,000	1	\$ 2,000	
Soil Confirmation Sampling	EA	\$ 400	10	\$ 4,000	
Waste Profiling	EA	\$ 480	1	\$ 480	
Targeted Groundwater Remediation					
Additional Data Collection	LS	\$ 30,000	1	\$ 30,000	
Drilling/Injection	EA	\$ 1,500	70	\$ 105,000	
EHC Amendment	LB	\$ 1.75	43,450	\$ 76,038	
DHC Inoculum	L	\$ 110	30	\$ 3,300	
Transportation	LS	\$ 10,000	1	\$ 10,000	
REMEDIAL ACTION SUBTOTAL					\$ 735,518
LOCAL & STATE SALES TAX				8.40%	\$ 61,800
Professional Services					
Permitting				\$ 8,000	
Engineering, Contracting, Negotiations, and Work Plan Assistance				\$ 60,000	
Construction Services and CQA				\$ 61,000	
Completion Report				\$ 10,000	
PROFESSIONAL SERVICES SUBTOTAL					\$139,000
Contingency		30%			\$ 262,355
REMEDIAL ACTION TOTAL					\$ 1,199,000

Table 7-4: Cost Estimate
Alternative 4: Soil Excavation to 15', Focused Groundwater Remediation, Institutional
Controls, and Groundwater Monitoring
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Component	Units	Unit Cost	No. of Units	Cost	Total Cost
Monitoring and Maintenance					
Groundwater Monitoring for 30 years			per event	\$ 8,000	
Groundwater Monitoring Report for 30 years			per event	\$ 5,000	
Monitoring Well Decommissioning in Year 30				\$ 54,000	
Discount Rate				0.70%	
Present Worth of Monitoring and Maintenance					\$ 316,000
TOTAL (rounded to the nearest \$1,000)					\$ 1,515,000
NOTES:					
ASTM = American Society for Testing and Materials.					
bgs = below ground surface.					
BMP = best management practice.					
COA = construction quality assurance.					
CY = cubic yards.					
EA = each.					
L = liters.					
LB = pound.					
LS = lump sum.					
SF = square feet.					

Table 7-5: Cost Estimate
Alternative 5: Soil Excavation to 6', Expanded Groundwater Remediation, Institutional
Controls, and Groundwater Monitoring
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Remedy Components

- 1 Excavate surface soil (up to 6 feet bgs).
- 2 Backfill with clean, imported material.
- 3 Targeted groundwater remediation near MW01, MW03, and MW05.
- 4 Institutional controls, including groundwater prohibition.
- 5 Groundwater monitoring.

Assumptions

- 1 Density of soil = 1.6 tons/CY.
- 2 250 CY of impacted soil will be removed and disposed of.
- 3 Excavation extent shown in Figure 7-2.
- 4 Excavated material will be characterized prior to off-site disposal. It is assumed that material will be hazardous and disposed of at a Subtitle C landfill (Chemical Waste Management, Arlington, OR). Estimated cost based on 2017 bid prices.
- 5 One characterization sample and up to five confirmation samples will be taken at the excavation.
- 6 Excavation will be above the water table; no dewatering is necessary.
- 7 Remedial excavations will be backfilled with clean, imported material and compacted to a minimum of 92%, based on the Modified Proctor Test (ASTM, 2012).
- 8 EHC amendment will be grid-injected around a 28,500-SF area around MW03 and MW05. Treatment depth is 10 feet, on average from 5 to 15 feet bgs. The Property area will receive a higher concentration of EHC than the remainder of the area. Estimate is 128,250 LB of EHC and 67 L of DHC Inoculum, assuming 199 injections.
- 9 Replacement of monitoring wells compromised during remedy implementation is not included in this cost estimate.
- 10 Surface restoration will be completed with gravel or asphalt to match previous conditions.
- 11 Groundwater monitoring will be conducted twice per year for two years, then every 18 months. Wells to be monitored include MW03, MW05, MW09, MW10, MW11, MW13, MW15, and MW16. Thirty years of groundwater monitoring is assumed. Monitoring wells will be decommissioned in year 30.
- 12 Discount rate of 0.7% will be used for calculating the net present value of monitoring costs.
- 13 A 30% contingency rate of the remedial action and professional services subtotal will be used for estimating overall costs.

Component	Units	Unit Cost	No. of Units	Cost	Total Cost
Excavation					
Mobilization	LS	\$ 5,000	1	\$ 5,000	
Excavation and Handling	CY	\$ 24	250	\$ 6,000	
Contaminated-Soil Transport and Disposal	TON	\$ 230	400	\$ 92,000	
Asphalt Cutting, Disposal, and Resurfacing	LS	\$ 2,000	1	\$ 2,000	
Purchase of Fill	CY	\$ 30	250	\$ 7,500	
Purchase and Placement of Surface Gravel	CY	\$ 50	11	\$ 550	
Placement and Compaction of Fill	CY	\$ 9	70	\$ 630	
Soil Confirmation Sampling	EA	\$ 400	5	\$ 2,000	
Waste Profiling	EA	\$ 480	1	\$ 480	

Table 7-5: Cost Estimate
Alternative 5: Soil Excavation to 6', Expanded Groundwater Remediation, Institutional
Controls, and Groundwater Monitoring
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Component	Units	Unit Cost	No. of Units	Cost	Total Cost
Targeted Groundwater Remediation					
Additional Data Collection	LS	\$ 30,000	1	\$ 30,000	
Drilling/Injection	EA	\$ 1,500	199	\$ 298,500	
EHC Amendment	LB	\$ 1.75	128,250	\$ 224,438	
DHC Inoculum	L	\$ 110	67	\$ 7,370	
Transportation	LS	\$ 21,000	1	\$ 21,000	
Traffic Control	DAY	\$ 1,200	25	\$ 30,000	
REMEDIAL ACTION SUBTOTAL					\$ 727,468
LOCAL & STATE SALES TAX					8.40% \$ 61,100
Professional Services					
Permitting				\$ 8,000	
Engineering, Contracting, Negotiations, and Work Plan Assistance				\$ 60,000	
Construction Services and CQA				\$ 74,000	
Completion Report				\$ 10,000	
PROFESSIONAL SERVICES SUBTOTAL					\$152,000
Contingency		30%			\$ 263,840
REMEDIAL ACTION TOTAL					\$ 1,204,000
Monitoring and Maintenance					
Groundwater Monitoring for 30 years			per event	\$ 8,000	
Groundwater Monitoring Report for 30 years			per event	\$ 5,000	
Monitoring Well Decommissioning in Year 30				\$ 57,000	
Discount Rate				0.70%	
Present Worth of Monitoring and Maintenance					\$ 319,000
TOTAL (rounded to the nearest \$1,000)					\$ 1,523,000
NOTES:					
ASTM = American Society for Testing and Materials.					
bgs = below ground surface.					
CQA = construction quality assurance.					
CY = cubic yards.					
EA = each.					
L = liters.					
LB = pound.					
LS = lump sum.					
SF = square feet.					

Table 7-6: Cost Estimate
Alternative 6: Soil Excavation to 15', Expanded Groundwater Remediation, Institutional Controls, and Groundwater Monitoring
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Remedy Components

- 1 Excavate to clay layer (appx. 15 feet bgs).
- 2 Backfill with clean, imported material.
- 3 Targeted groundwater remediation near MW01, MW03, and MW05.
- 4 Institutional controls, including groundwater prohibition.
- 5 Groundwater monitoring.

Assumptions

- 1 Density of soil = 1.6 tons/CY.
- 2 1,000 CY of impacted soil will be removed and disposed of.
- 3 Excavation extent shown in Figure 7-2.
- 4 Excavated material will be characterized prior to off-site disposal. It is assumed that material will be hazardous and disposed of at a Subtitle C landfill (Chemical Waste Management, Arlington, OR). Estimated cost based on 2017 bid prices.
- 5 One characterization sample and ten confirmation samples will be taken at the excavation.
- 6 Water from dewatering excavation will be pretreated on site and transported to publicly owned sanitary sewer facility for discharge.
- 7 Remedial excavations will be backfilled with clean, imported material and compacted to a minimum of 92%, based on the Modified Proctor Test (ASTM, 2012).
- 8 EHC amendment will be grid-injected around a 28,500-SF area around MW03 and MW05. Treatment interval is 10 feet, on average from 5 to 15 feet bgs. The Property area will receive a higher concentration of EHC than the remainder of the area. Estimate is 128,250 LB of EHC and 67 L of DHC Inoculum, assuming 199 injections.
- 9 Replacement of monitoring wells compromised during remedy implementation is not included in this cost estimate.
- 10 Surface restoration will be completed with gravel or asphalt to match previous conditions.
- 11 Groundwater monitoring will be conducted twice per year for two years, then every 18 months. Wells to be monitored include MW03, MW05, MW09, MW10, MW11, MW13, MW15, and MW16. Thirty years of groundwater monitoring is assumed. Monitoring wells will be decommissioned in year 30.
- 12 Discount rate of 0.7% will be used for calculating the net present value of monitoring costs.
- 13 A 30% contingency rate of the remedial action and professional services subtotal will be used for estimating overall costs.

Table 7-6: Cost Estimate
Alternative 6: Soil Excavation to 15', Expanded Groundwater Remediation, Institutional
Controls, and Groundwater Monitoring
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Component	Units	Unit Cost	No. of Units	Cost	Total Cost
Excavation					
Mobilization	LS	\$ 15,800	1	\$ 15,800	
Excavation and Handling	CY	\$ 16	1,000	\$ 16,000	
Excavation Shoring (trench box)	LS	\$ 10,000	1	\$ 10,000	
Operation of Dewatering System	LS	\$ 10,000	1	\$ 10,000	
Water Treatment and Discharge	LS	\$ 20,000	1	\$ 20,000	
Contaminated-Soil Transport and Disposal	TON	\$ 230	1,600	\$ 368,000	
Monitoring Well Decommissioning (MW01 and MW21)	LS	\$ 6,000	1	\$ 6,000	
Asphalt Cutting, Disposal, and Resurfacing	LS	\$ 2,000	1	\$ 2,000	
Purchase of Fill	CY	\$ 30	480	\$ 14,400	
Purchase of Pea Gravel	CY	\$ 50	630	\$ 31,500	
Purchase and Placement of Surface Gravel	CY	\$ 50	40	\$ 2,000	
Placement and Compaction of Fill	CY	\$ 9	1,000	\$ 9,000	
Decontamination of Trench Box	LS	\$ 2,000	1	\$ 2,000	
Soil Confirmation Sampling	EA	\$ 400	10	\$ 4,000	
Waste Profiling	EA	\$ 480	1	\$ 480	
Targeted Groundwater Remediation					
Additional Data Collection	LS	\$ 30,000	1	\$ 30,000	
Drilling/Injection	EA	\$ 1,500	199	\$ 298,500	
EHC Amendment	LB	\$ 1.75	128,250	\$ 224,438	
DHC Inoculum	L	\$ 110	67	\$ 7,370	
Transportation	LS	\$ 21,000	1	\$ 21,000	
Traffic Control	DAY	\$ 1,200	25	\$ 30,000	
REMEDIAL ACTION SUBTOTAL					\$ 1,122,500
LOCAL & STATE SALES TAX				8.40%	\$ 94,300
Professional Services					
Permitting				\$ 8,000	
Engineering, Contracting, Negotiations, and Work Plan Assistance				\$ 60,000	
Construction Services and CQA				\$ 97,000	
Completion Report				\$ 10,000	
PROFESSIONAL SERVICES SUBTOTAL					\$175,000
Contingency		30%			\$ 389,250
REMEDIAL ACTION TOTAL					\$ 1,781,000

Table 7-6: Cost Estimate
Alternative 6: Soil Excavation to 15', Expanded Groundwater Remediation, Institutional Controls, and Groundwater Monitoring
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Component	Units	Unit Cost	No. of Units	Cost	Total Cost
Monitoring and Maintenance					
Groundwater Monitoring for 30 years			per event	\$ 8,000	
Groundwater Monitoring Report for 30 years			per event	\$ 5,000	
Monitoring Well Decommissioning in Year 30				\$ 54,000	
Discount Rate				0.70%	
Present Worth of Monitoring and Maintenance					\$ 316,000
TOTAL (rounded to the nearest \$1,000)					\$ 2,097,000
NOTES:					
ASTM = American Society for Testing and Materials.					
bgs = below ground surface.					
BMP = best management practice.					
CQA = construction quality assurance.					
CY = cubic yards.					
EA = each.					
L = liters.					
LB = pound.					
LS = lump sum.					
SF = square feet.					

Table 7-7: Cost Estimate
Alternative 7: Soil Excavation to 15', Complete Groundwater Remediation, Institutional Controls, and Groundwater Monitoring
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Remedy Components

- 1 Excavate to clay layer (approx. 15 feet bgs).
- 2 Backfill with clean, imported material.
- 3 Targeted groundwater remediation near MW01, MW03, and MW05.
- 4 Reactive zone treatment along Main St., Mill St., and N. 1st Ave. with EHC Liquid Amendment.
- 5 Institutional controls, including groundwater prohibition.
- 6 Groundwater monitoring.

Assumptions

- 1 Density of soil = 1.6 tons/CY.
- 2 1,000 CY of impacted soil will be removed and disposed of.
- 3 Excavation extent shown in Figure 7-2.
- 4 Excavated material will be characterized prior to off-site disposal. It is assumed that material will be hazardous and disposed of at a Subtitle C landfill (Chemical Waste Management, Arlington, OR). Estimated cost based on 2017 bid prices.
- 5 One characterization sample and ten confirmation samples will be taken at the excavation.
- 6 Water from dewatering excavation will be pre-treated onsite, and transported to publicly owned sanitary sewer facility for discharge.
- 7 Remedial excavations will be backfilled with clean, imported material and compacted to a minimum of 92%, based on the Modified Proctor Test (ASTM, 2012).
- 8 EHC amendment will be grid-injected around a 26,000-SF area around MW 03 and MW05. Treatment depth is 10 feet, on average from 5 to 15 feet bgs. The Property area will receive a higher concentration of EHC than the remainder of the area. Estimate is 128,250 LB of EHC and 67 L of DHC Inoculum, assuming 199 injections.
- 9 EHC Liquid Amendment will be used along available rights-of-way. 178,000 LB of amendment, 380 liters of DHC Inoculum, and 10,000 LB of pH buffer will be injected in 500 locations.
- 10 Replacement of monitoring wells compromised during remedy implementation is not included in this cost estimate.
- 11 Surface restoration will be completed with gravel or asphalt to match previous conditions.
- 12 Groundwater monitoring will be conducted twice per year for two years, then every 18 months. Wells to be monitored include MW03, MW05, MW09, MW10, MW11, MW13, MW15, and MW16. Thirty years of groundwater monitoring is assumed. Monitoring wells will be decommissioned in year 30.
- 13 Discount rate of 0.7% will be used for calculating the net present value of monitoring costs.
- 14 A 30% contingency rate of the remedial action and professional services subtotal will be used for estimating overall costs.

Table 7-7: Cost Estimate
Alternative 7: Soil Excavation to 15', Complete Groundwater Remediation, Institutional
Controls, and Groundwater Monitoring
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Component	Units	Unit Cost	No. of Units	Cost	Total Cost
Excavation					
Mobilization	LS	\$ 52,600	1	\$ 52,600	
Excavation and Loading	CY	\$ 16	1,000	\$ 16,000	
Excavation Shoring (trench box)	LS	\$ 10,000	1	\$ 10,000	
Operation of Dewatering System	LS	\$ 10,000	1	\$ 10,000	
Water Treatment and Discharge	LS	\$ 20,000	1	\$ 20,000	
Contaminated-Soil Disposal, including Transport	TON	\$ 230	1,600	\$ 368,000	
Monitoring Well Decommissioning (MW1 and MW21)	LS	\$ 6,000	1	\$ 6,000	
Asphalt Cutting, Disposal, and Resurfacing	LS	\$ 2,000	1	\$ 2,000	
Purchase of Fill	CY	\$ 30	480	\$ 14,400	
Purchase of Pea Gravel	CY	\$ 50	630	\$ 31,500	
Placement and Compaction of Fill	CY	\$ 9	1,000	\$ 9,000	
Purchase and Placement of Surface Gravel	CY	\$ 50	40	\$ 2,000	
Decontamination of Trench Box (steam clean)	LS	\$ 2,000	1	\$ 2,000	
Soil Confirmation Sampling	EA	\$ 400	10	\$ 4,000	
Waste Profiling	EA	\$ 480	1	\$ 480	
Targeted Groundwater Remediation					
Additional Data Collection	LS	\$ 30,000	1	\$ 30,000	
Drilling/Injection	EA	\$ 1,500	199	\$ 298,500	
EHC Amendment	LB	\$1.75	128,250	\$ 224,438	
DHC Inoculum	L	\$ 110	67	\$ 7,370	
Transportation	LS	\$ 21,000	1	\$ 21,000	
Traffic Control	DAY	\$ 1,200	25	\$ 30,000	

Table 7-7: Cost Estimate
Alternative 7: Soil Excavation to 15', Complete Groundwater Remediation, Institutional Controls, and Groundwater Monitoring
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

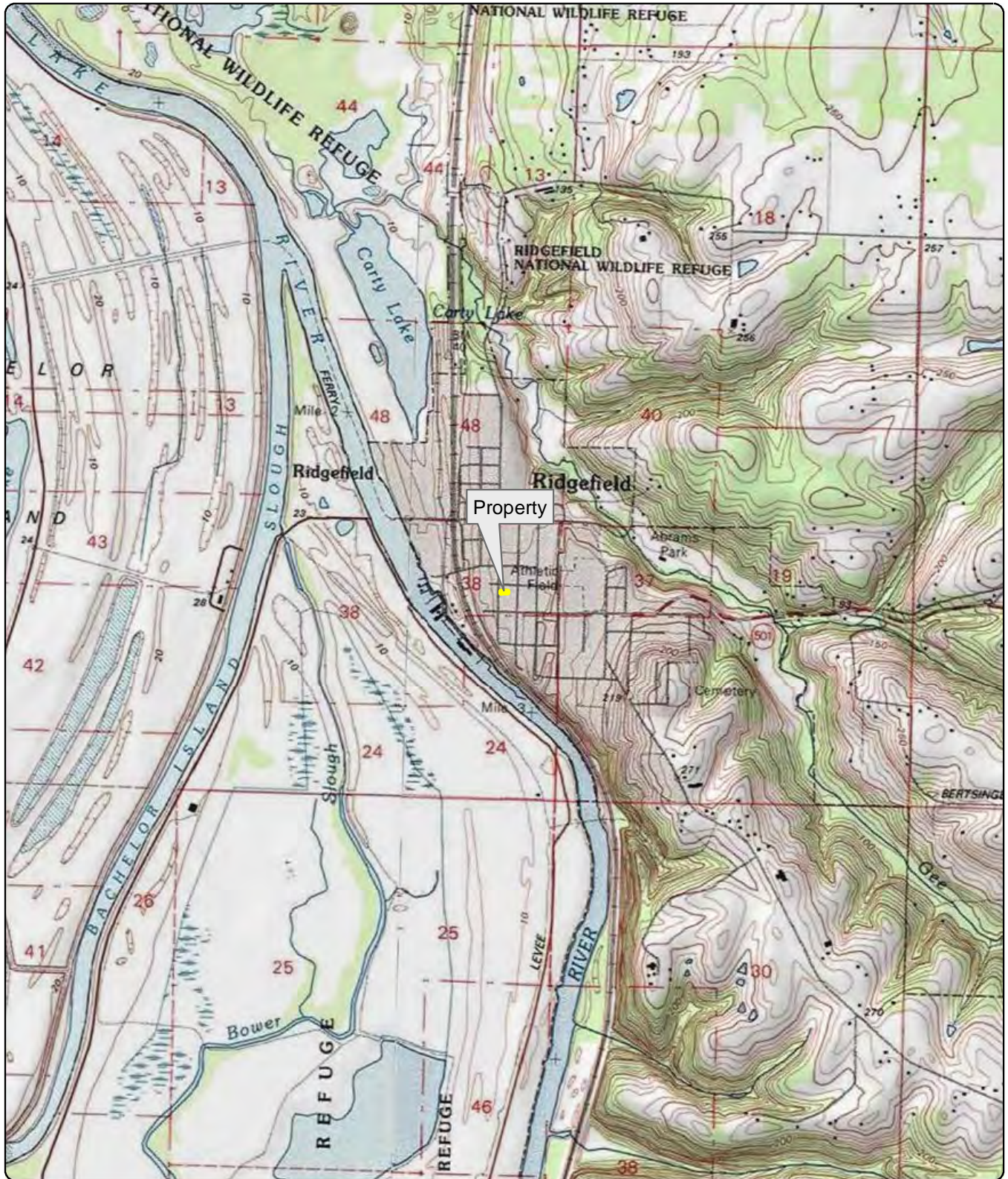
Component	Units	Unit Cost	No. of Units	Cost	Total Cost
Reactive Zone Groundwater Remediation					
Drilling/Injection	EA	\$ 1,500	500	\$ 750,000	
EHC Microemulsion	LB	\$ 1.05	168,000	\$ 176,400	
ELS Liquid Mix	LB	\$ 9	10,000	\$ 90,000	
DHC Inoculum	L	\$ 110	380	\$ 41,800	
pH Buffer	LB	\$ 2.7	10,000	\$ 27,000	
Transportation	LS	\$ 44,170	1	\$ 44,170	
Traffic Control	DAY	\$ 1,200	60	\$ 72,000	
REMEDIAL ACTION SUBTOTAL					\$ 2,360,700
LOCAL & STATE SALES TAX					8.40% \$ 198,300
Professional Services					
Permitting				\$ 8,000	
Engineering, Contracting, Negotiations, and Work Plan Assistance				\$ 70,000	
Construction Services and CQA				\$ 169,400	
Completion Report				\$ 20,000	
PROFESSIONAL SERVICES SUBTOTAL					\$ 267,400
Contingency		30%			\$ 788,430
REMEDIAL ACTION TOTAL					\$ 3,615,000
Monitoring					
Groundwater Monitoring for 30 years			per event	\$ 8,000	
Groundwater Monitoring Report for 30 years			per event	\$ 5,000	
Monitoring Well Decommissioning in Year 30				\$ 54,000	
Discount Rate				0.70%	
Present Worth of Monitoring and Maintenance					\$ 316,000
TOTAL (rounded to the nearest \$1,000)					\$ 3,931,000
NOTES:					
ASTM = American Society for Testing and Materials.					
bgs = below ground surface.					
CQA = construction quality assurance.					
CY = cubic yards.					
EA = each.					
L = liters.					
LB = pound.					
LS = lump sum.					
SF = square feet.					

Table 8-1
Disproportionate-Cost Analysis
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Alternative	Description											
		Protectiveness	Permanence	Long-Term Effectiveness	Management of Short-Term Risks	Implementability	Average	Public Concerns	Remedial Action Total	Monitoring & Maintenance (NPV)	Total Cost	
Alternative 1	No Action	--										
Alternative 2	Soil Removal to 15'	2	2	2	3	4	2.6	TBD	\$771,000	\$319,000	\$ 1,089,000	
Alternative 3	Soil Removal to 6', Focused Groundwater Remediation	4	3	3	5	5	4	TBD	\$623,000	\$319,000	\$ 942,000	
Alternative 4	Soil Removal to 15', Focused Groundwater Remediation	4	3.5	3.5	2.5	4	3.5	TBD	\$1,199,000	\$316,000	\$ 1,515,000	
Alternative 5	Soil Removal to 6', Expanded Groundwater Remediation	4	3.5	3.5	2.5	3	3.3	TBD	\$1,204,000	\$319,000	\$ 1,523,000	
Alternative 6	Soil Removal to 15', Expanded Groundwater Remediation	4	4	4	2	2	3.2	TBD	\$1,781,000	\$316,000	\$ 2,097,000	
Alternative 7	Soil Removal to 15', Complete Groundwater Remediation	4	5	5	1	1	3.2	TBD	\$3,615,000	\$316,000	\$ 3,931,000	
NOTES: 1: lowest; 5: highest NPV = net present value. TBD = to be determined.												

FIGURES





Property Address: Pioneer St & Main St, Ridgefield,
 Clark County, Washington
 Source: US Geological Survey (1990) 7.5-minute
 topographic quadrangle: Ridgefield
 DLC 38/Section 24, Township 4 North, Range 1 West

**Figure 1-1
 Property Location**

Former Park Laundry
 Union Ridge Investment Company
 Ridgefield, Washington



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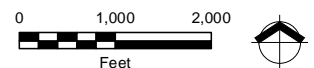









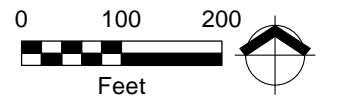
Figure 1-2 Site Location

Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Legend

-  Park Laundry Monitoring Well
-  Port of Ridgefield Monitoring Well
-  Property Boundary
-  Estimated Site Boundary
-  Source Area Boundary

Note:
The Estimated Site Boundary extent was determined based on exceedances of the Model Toxics Control Act (MTCA) Method A cleanup levels for groundwater.



Source: Aerial photograph (2015) obtained from U.S. Geological Survey; taxlots (2014) obtained from Clark County GIS; Port monitoring wells obtained from Port of Ridgefield.



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Path: X:\8006.31\Projects\04\RI_Report\Fig2-1_Adjoining Properties.mxd
Approved By: A. Vidourek
Print Date: 6/10/2019
Produced By: jputnam
Project: 8006.31.04

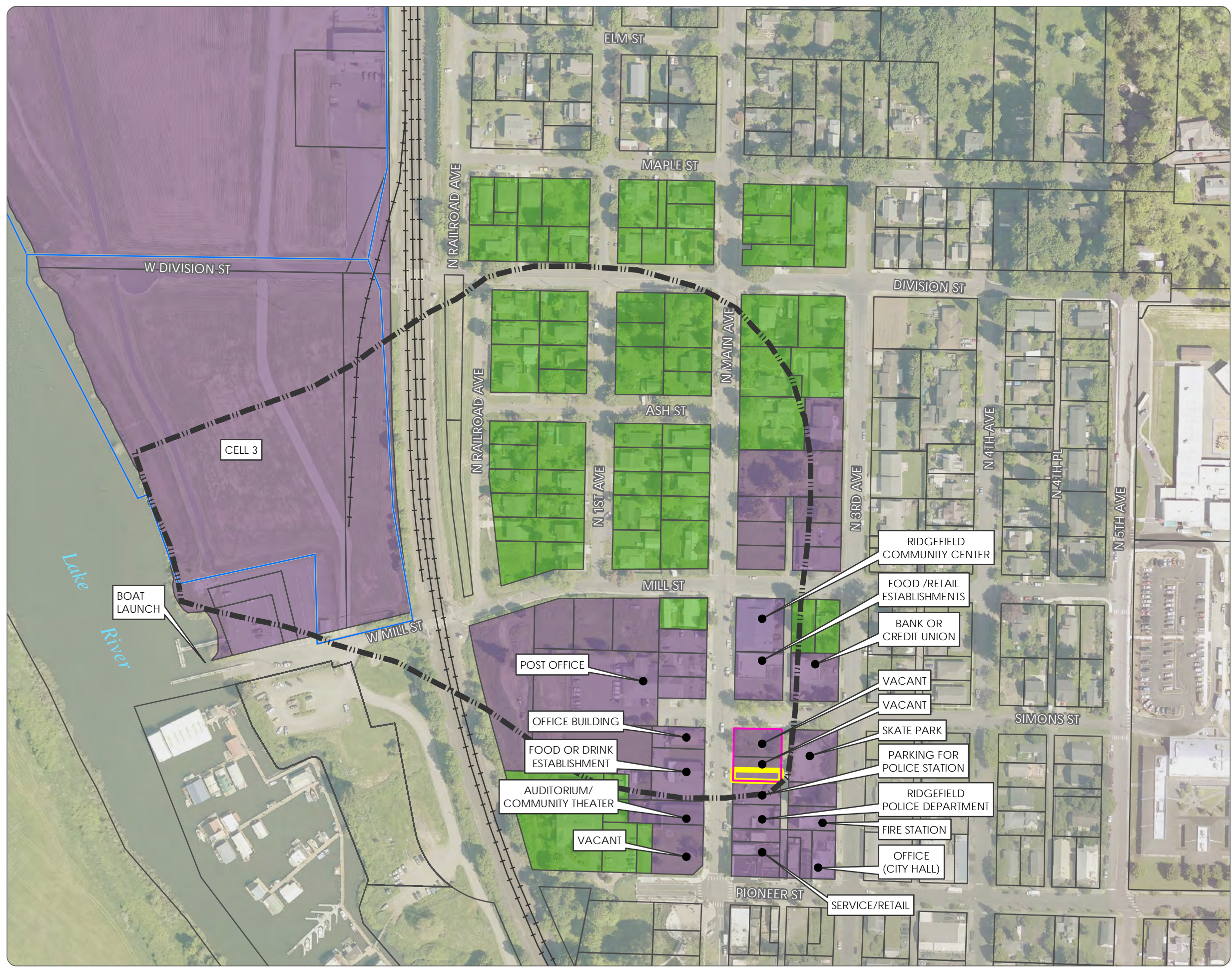







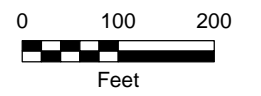


Figure 2-1 Adjoining Properties

Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Legend

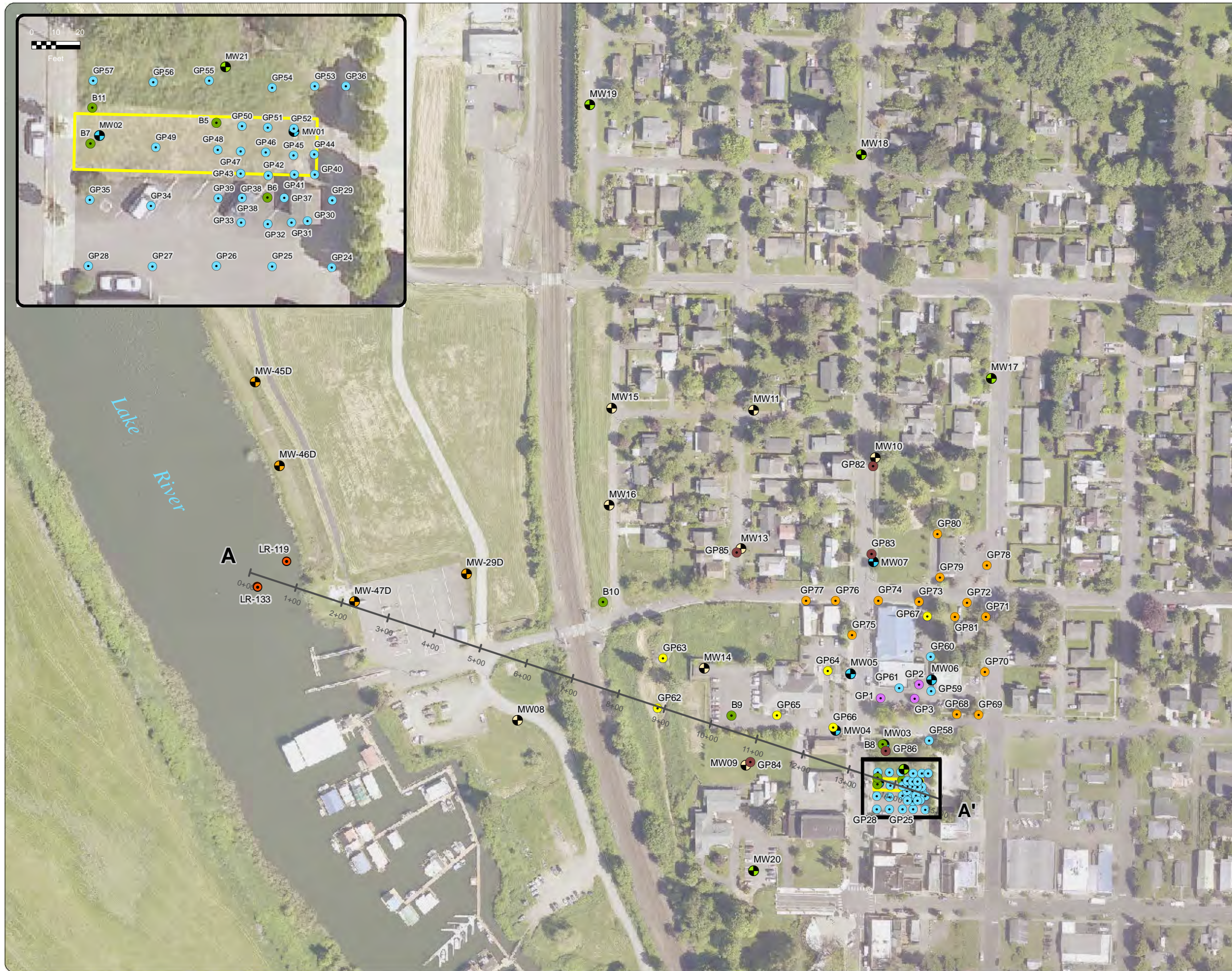
-  Estimated Site Boundary
-  Residential
-  Commercial/Public Use
-  Property Tax Lot Boundary
-  Boundary (Port of Ridgefield)
-  Source Area Boundary
-  Railroad (Union Pacific and Burlington Northern)



Source: Aerial photograph, tax lots, roads, and railroad data (2014) obtained from Clark County GIS.



This product is for informational purposes and may not have been prepared for, or be suitable for, legal, engineering, or surveying purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of the information.

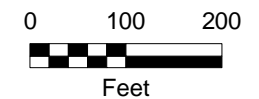


**Figure 2-2
Geologic Cross Section
Location**

Former Park Laundry
Union Ridge
Investment Company
Ridgefield, Washington

Legend

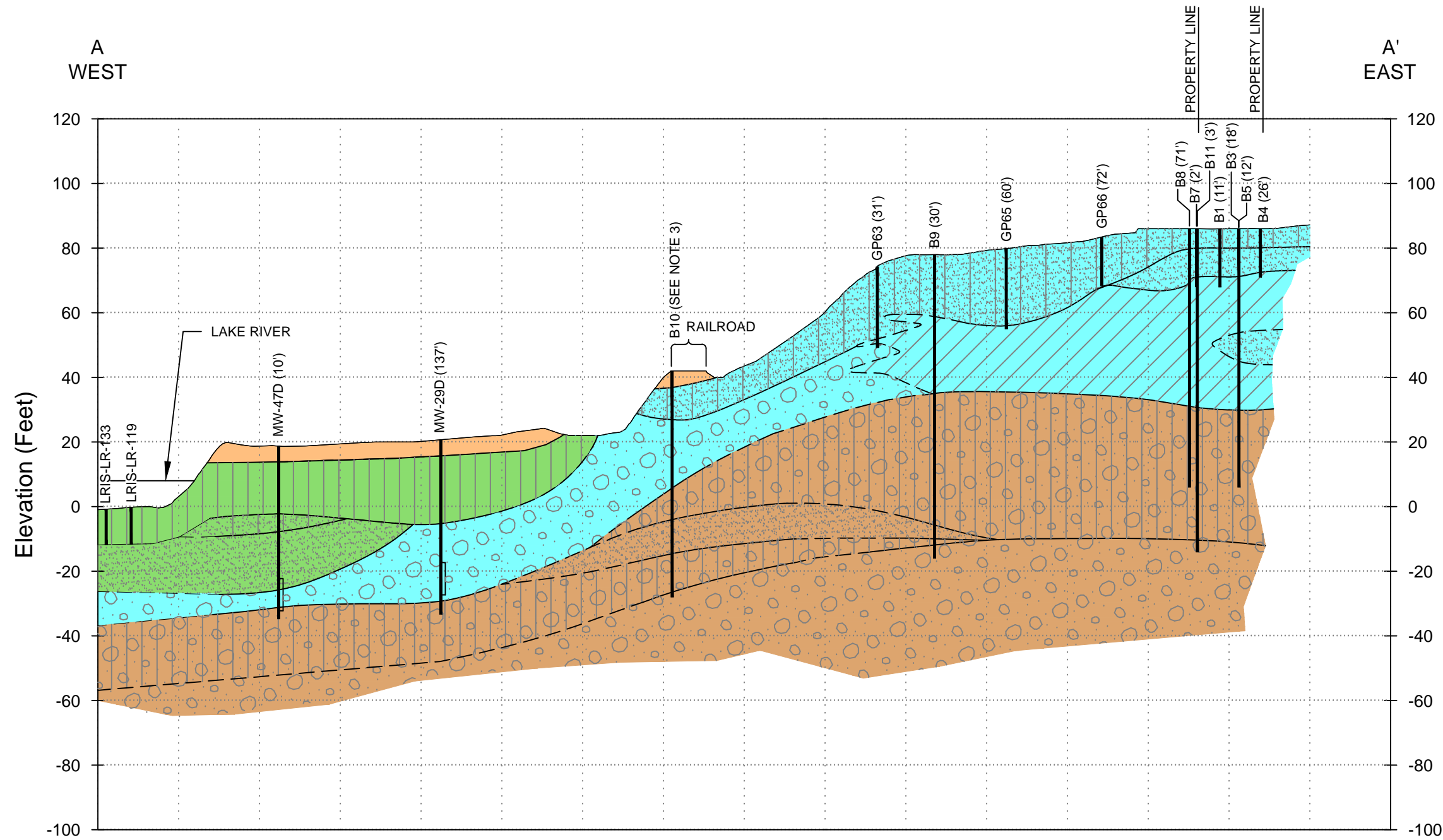
- Port of Ridgefield Monitoring Wells
- Port of Ridgefield Shallow Boring, 2012
- Shallow Boring, MFA 2001
- Shallow Boring, MFA March 2010
- Deep Boring, MFA March 2010
- Shallow Boring, MFA October 2010
- Shallow Boring, MFA June 2011
- Monitoring Well, MFA June 2011
- Monitoring Well, MFA March 2012
- Monitoring Well, MFA April 2013
- Shallow Boring, MFA September 2014
- Cross Section
- Property Boundary



Source: Aerial photograph obtained from Clark County GIS (2014).

Figure 2-3
Generalized Geologic
Cross Section

Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

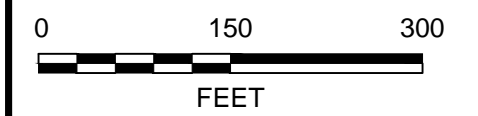


LEGEND:

- FILL
- HOLOCENE (ALLUVIUM)
- SILT
- SAND
- SILTY SAND
- PLEISTOCENE (ALLUVIUM)
- SAND (UPPER WBZ)
- SILTY SAND
- CLAY (AQUITARD)
- SANDY GRAVEL (UPPER WBZ)
- TERTIARY (UPPER TROUTDALE)
- SILTY GRAVEL (AQUITARD)
- SANDY GRAVEL (LOWER WBZ)
- SAND
- LITHOLOGIC CONTACT
- - - INFERRED LITHOLOGIC CONTACT

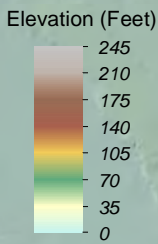
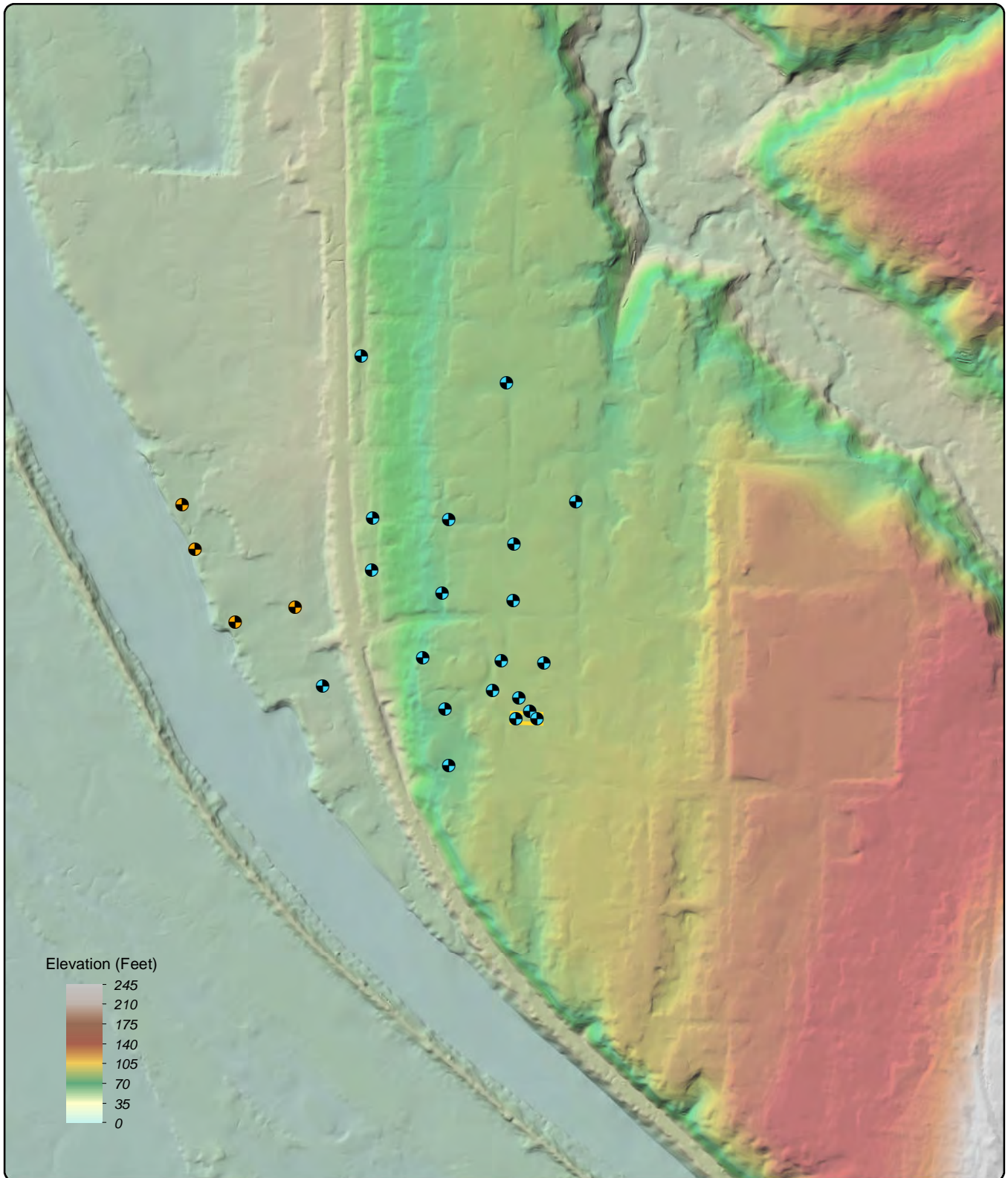
NOTES:

1. Borings and Wells are projected perpendicular to the cross section line. Distances in feet are projected from the cross-section line and are shown in parentheses.
2. Actual location of B10 is just east of the railroad although it is shown to the west because of projection.
3. WBZ = Water Bearing Zone.






PROFILE VIEW OF SECTION
HORIZONTAL SCALE: 1" = 150' VERTICAL SCALE: 1" = 38'
VERTICAL EXAGGERATION: 4





Source: Topographic surface generated from LiDAR-derived contours obtained from Clark County

Legend

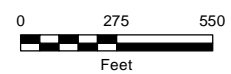
-  Park Laundry Monitoring Well
-  Port of Ridgefield Monitoring Well
-  Property Boundary

**Figure 2-4
Topography**

Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington








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**Figure 2-5
 Estimated Groundwater
 Potentiometric Surface Map
 September 2016**

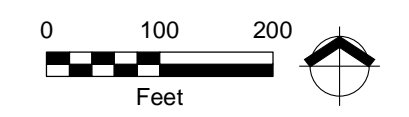
Former Park Laundry
 Union Ridge Investment Company
 Ridgefield, Washington

Legend

-  Park Laundry Monitoring Well
-  Port of Ridgefield Monitoring Well
-  Water Level Contour (Feet MSL)
-  Groundwater Flow Direction
-  Property Boundary



- Notes:**
1. Park Laundry monitoring well locations were surveyed by Minister-Glaeser on June 23, 2011, March 12, 2012, and April 4, 2013.
 2. MSL = mean sea level.
 3. Potentiometric surface modeled using ArcGIS 10.4 for Desktop Spatial Analyst Natural Neighbor interpolation tool.



Source: Aerial photograph (2014) and taxlots (2014) obtained from Clark County GIS; Port monitoring wells obtained from Port of Ridgefield.



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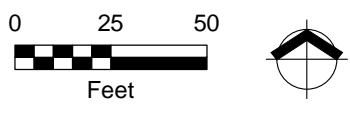
Source: Aerial photograph (2014) and tax lot data obtained from Clark County

- Notes:**
1. Isoconcentration contours were generated using the Natural Neighbor interpolation tool in ArcGIS 9.3.1 Spatial Analyst extension.
 2. For locations from which samples were collected at multiple depths, the sample with the highest concentration of PCE was used in generating isoconcentration contours.
 3. Boring locations are approximate.
 4. PCE = Tetrachloroethene.
 5. NS = Not sampled; U = Not detected at or above method reporting limit; J = Result is estimated.
 6. PCE values posted in ug/kg (micrograms/kilogram).

Legend

- Maul Foster & Alongi 2001 Borings (GP-1 through GP-3)
- Clark County Health Department 2006 Borings (PL1 through PL6)
- Hahn and Associates 2006 Borings (B1 through B4)
- USEPA 2008 Borings (BG01 & GP01 through GP23)
- PCE Isoconcentration Contour for Soil
- Property Tax Lot Boundary
- Tax Lot Boundary

Figure 2-6
PCE Concentrations
in Soil Prior to
Remedial Investigation
 Former Park Laundry
 Union Ridge Investment Company
 Ridgefield, Washington





Source: Aerial photograph (2014) and tax lot data obtained from Clark County

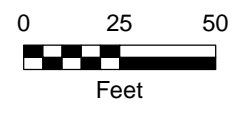
- Notes:**
1. Isoconcentration contours were generated using the Natural Neighbor interpolation tool in ArcGIS 9.3.1 Spatial Analyst extension.
 2. For locations from which samples were collected at multiple depths, the sample with the highest concentration of PCE was used in generating isoconcentration contours.
 3. Boring locations are approximate.
 4. PCE = Tetrachloroethene.
 5. U = Not detected at or above method reporting limit; J = Result is estimated.
 6. PCE values posted in ug/L (micrograms/liter).

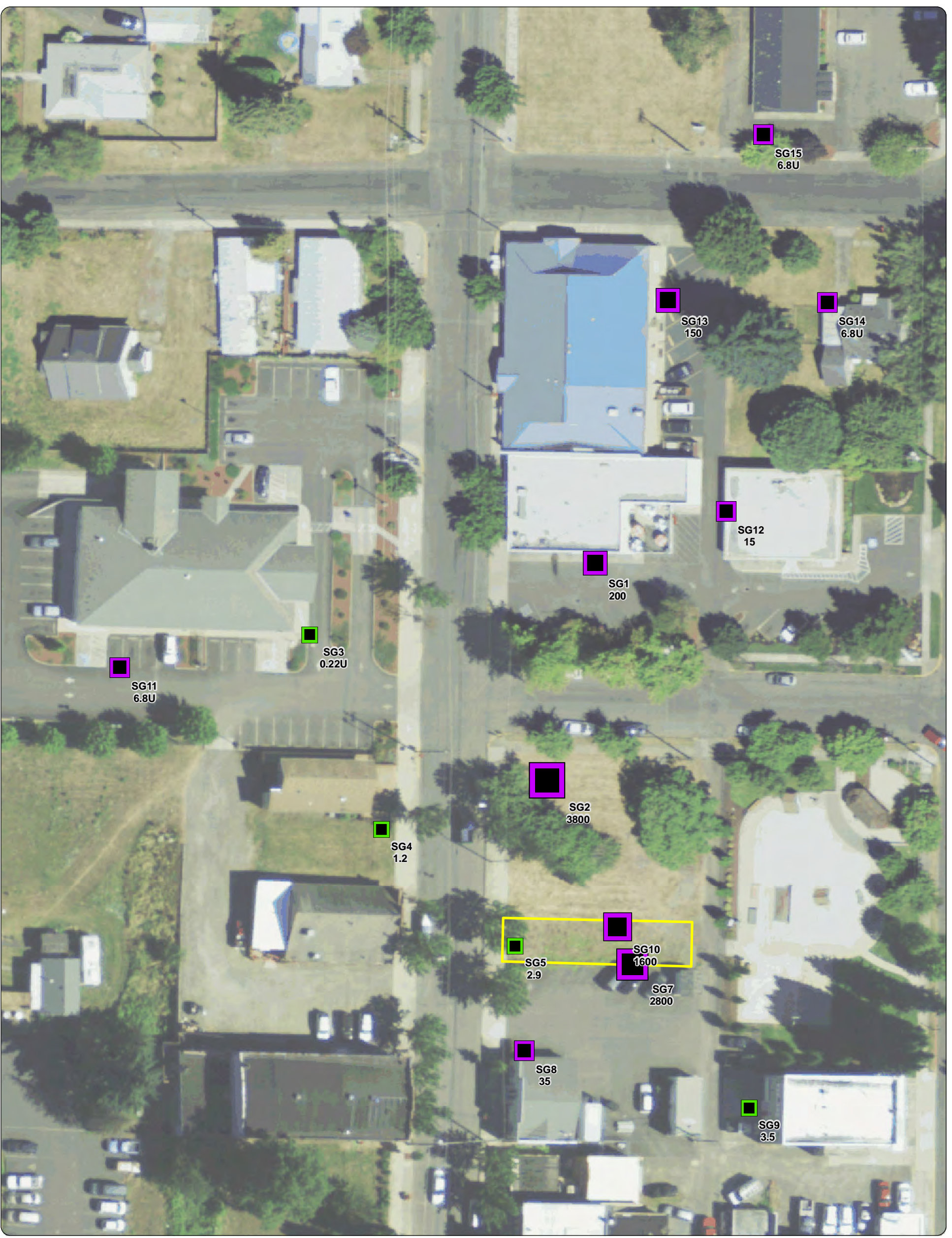
Legend

- Maul Foster & Alongi 2001 Borings (GP-1 through GP-3)
- Clark County Health Department 2006 Borings (PL1 through PL6)
- Hahn and Associates 2006 Borings (B1 through B4)
- USEPA 2008 Borings (BG01 & GP01 through GP23)
- PCE Isoconcentration Contour for Groundwater
- Property Tax Lot Boundary
- Tax Lot Boundary

**Figure 2-7
 PCE Concentrations
 in Shallow Groundwater Prior
 to Remedial Investigation**

Former Park Laundry
 Union Ridge Investment Company
 Ridgefield, Washington





Source: Aerial photograph (2007) obtained from Clark County, Washington GIS Department

- Note:
1. MTCA = Model Toxics Control Act.
 2. MTCA Method B = MTCA standard method B groundwater screening level values for noncarcinogenic compounds.
 3. PCE = Tetrachloroethene.
 4. U = Not detected at or above method reporting limit.
 5. ug/m³ = Micrograms per cubic meter.

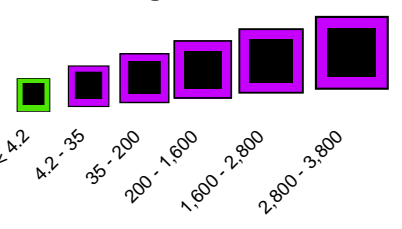
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Legend

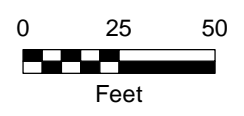
Property Tax Lot Boundary

**PCE Soil-Gas Results (ug/m³)
 MTCA Method B Air Cleanup
 Level = 4.2 ug/m³**



**Figure 3-1
 2010 and 2011
 PCE Soil-Gas Investigation**

Former Park Laundry
 Union Ridge Investment Company
 Ridgefield, Washington





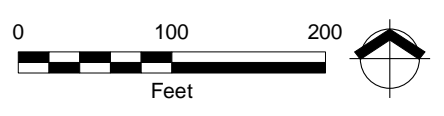


Source: Aerial photograph obtained from Esri ArcGIS Online

Figure 3-2
Vapor Intrusion
Study Area

Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

- Legend**
-  Vapor Intrusion Study Area
 -  Former Park Laundry Site





Source: Aerial photograph (2014) obtained from Clark County GIS.

Figure 3-3
Soil Gas, Outdoor Air, and Groundwater Sampling Locations
 Former Park Laundry
 Union Ridge Investment Company
 Ridgefield, Washington

Legend

- Soil Gas Sampling Location (Installed June 2011)
 - Soil Gas Sampling Location (Installed November 2012)
 - Soil Gas Sampling Location (Installed July 2013)
 - Groundwater Monitoring Well
 - Vapor Intrusion Study Area
 - Former Park Laundry Site
 - Property Assessed
 - ★ Outdoor Air Sample Location
- All outdoor air samples are outside the groundwater plume boundary.*



Figure 4-1
PCE Concentrations
in Soil (0-15 ft bgs)

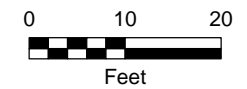
Former Park Laundry
 Union Ridge Investment Company
 Ridgefield, Washington

Legend

- Boring Location
- Surface (0.5 ft bgs) Exceedance
- Mid-Depth (5 ft bgs) Exceedance
- Deep (> 12 ft bgs) Exceedance
- Property Boundary

Notes:

1. An exceedance is defined as a concentration in excess of the MTCA Method A cleanup level. MTCA Method A = 50 ug/kg.
2. PCE = tetrachloroethene.
3. ft bgs = feet below ground surface.
4. MTCA = Model Toxics Control Act.
5. ug/kg = micrograms per kilogram.



Source: Aerial photograph (2014) obtained from Clark County, Washington



This product is for informational purposes and may not have been prepared for, or be suitable for legal, engineering, or surveying purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of the information.



**Figure 4-2
Monitoring Results
September 2016**

Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Legend

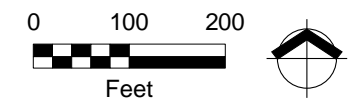
- Port of Ridgefield Monitoring Well Location (with monitoring results from September 2016)
MW-45D - Well ID
1.45 ug/L - PCE concentration
- Monitoring Well Location (with monitoring results from September 2016)
MW10 - Well ID
61.2 ug/L - PCE concentration
85.1 ug/L - TCE concentration

MTCA Method A Exceedance

- PCE Exceedance (>5 ug/L)
- PCE & TCE Exceedance (Both >5 ug/L)
- Property Boundary
- Clark County Taxlots

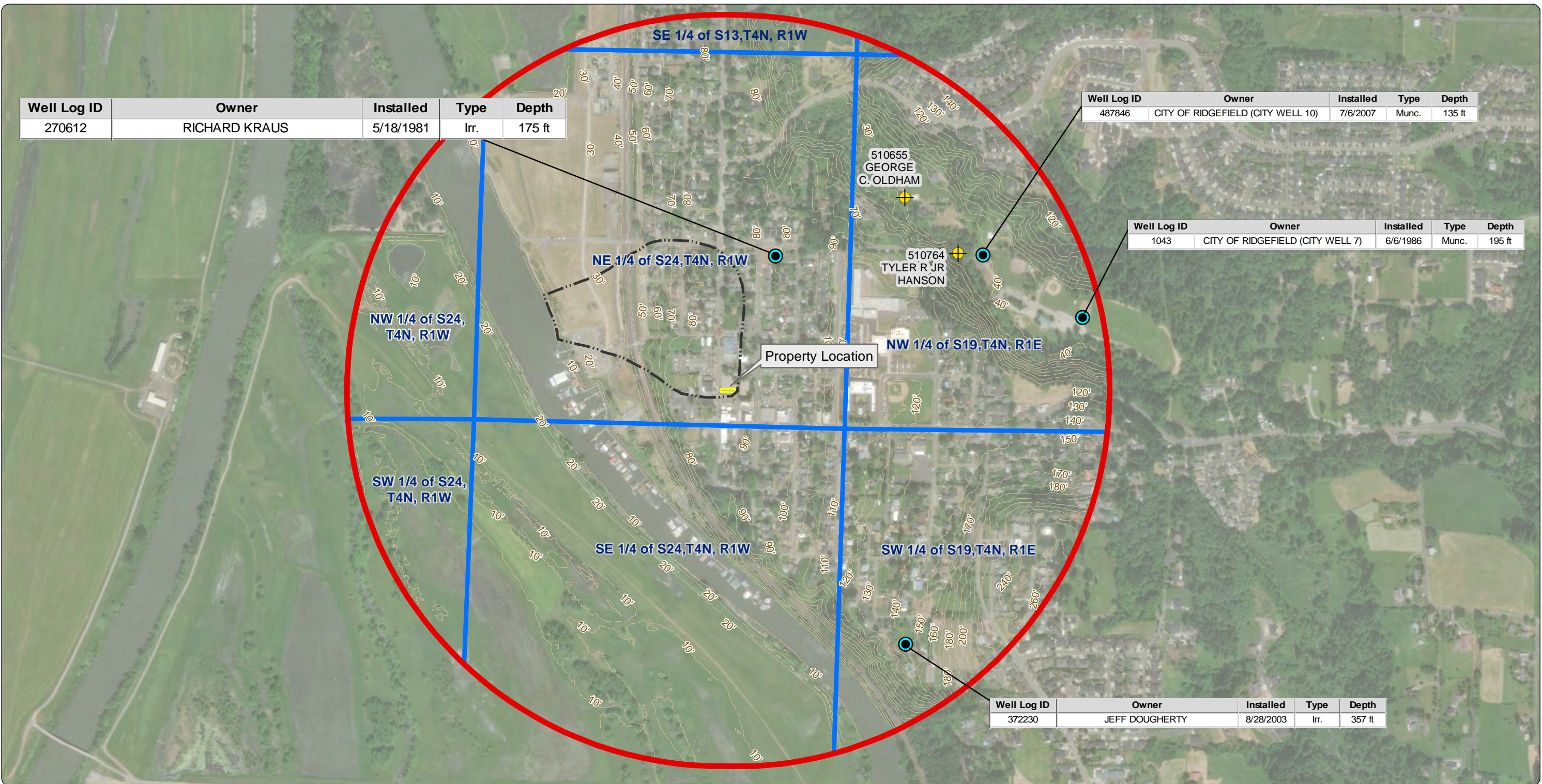
Notes:

- Park Laundry monitoring wells were surveyed by Minister-Glaeser on June 23, 2011, March 12, 2012, and April 4, 2013.
- J = estimated concentration.
- PCE = Tetrachloroethene.
- TCE = Trichloroethene.
- ug/L = micrograms per liter.
- U = not detected at or above method reporting limit.
- MTCA = Model Toxins Control Act.



Source: Aerial photograph (May 2014) and taxlots (July 2012) obtained from Clark County GIS; Port of Ridgefield monitoring wells obtained from Port of Ridgefield.

Path: X:\8006.31\Projects\04\RI_Report\Figs-1_Water Rights and Well Locations within Half-Mile Radius of Property.mxd
 Print Date: 9/11/2017
 Approved By: M. D'Andrea
 Produced By: J. Schane
 Project: 8006.31.04



Well Log ID	Owner	Installed	Type	Depth
270612	RICHARD KRAUS	5/18/1981	Irr.	175 ft

Well Log ID	Owner	Installed	Type	Depth
487846	CITY OF RIDGEFIELD (CITY WELL 10)	7/6/2007	Munc.	135 ft

Well Log ID	Owner	Installed	Type	Depth
1043	CITY OF RIDGEFIELD (CITY WELL 7)	6/6/1986	Munc.	195 ft

Well Log ID	Owner	Installed	Type	Depth
372230	JEFF DOUGHERTY	8/28/2003	Irr.	357 ft

Source: Aerial photograph obtained from Esri/ArcGIS Online.

Note: Well locations are approximate. Decommissioned wells are not shown.



This product is for informational purposes and may not have been prepared for, or be suitable for legal, engineering, or surveying purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of the information.

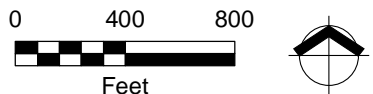
Legend

- Water Rights (Point of Diversion)
- Water Well
- 1/2-Mile Radius
- Topographic Contour (5-feet)
- Estimated Site Boundary
- Property Boundary
- Quarter Section

Well Type
 Irr. = Irrigation
 Munc. = Municipal

Figure 5-1
Water Rights and Well Locations
within 1/2-Mile Radius of Property

Former Park Laundry
 Union Ridge Investment Company
 Ridgefield, Washington



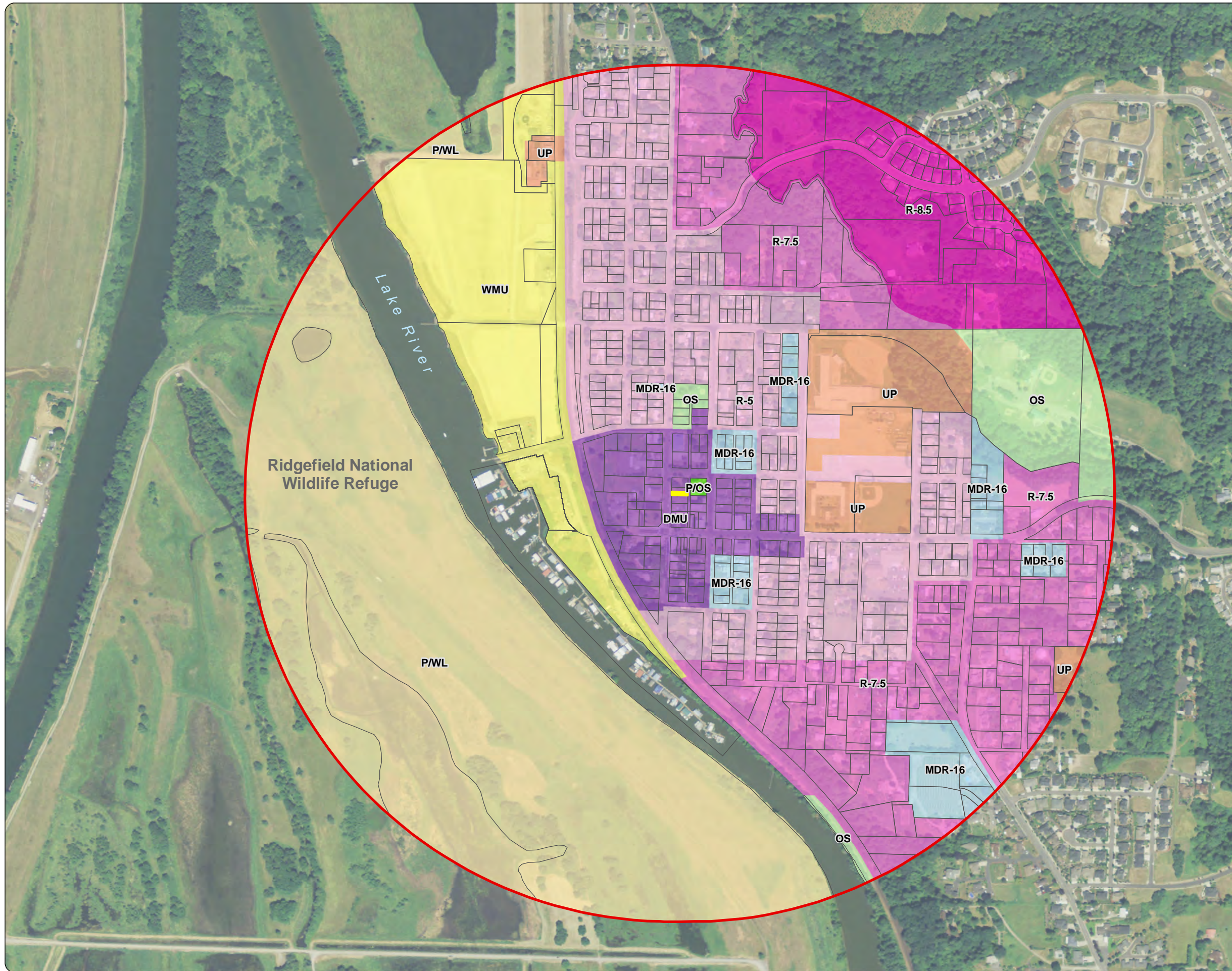
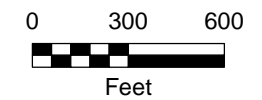


Figure 5-2
Zoning within
1/2-Mile Radius of
Property
 Former Park Laundry
 Union Ridge Investment Company
 Ridgefield, Washington

Legend





- Tax Lots
- Property Boundary
- 1/2-Mile Radius
- Zoning Description**
- DMU: Downtown Mixed Use
- MDR-16: Medium Density Residential
- OS: Open Space
- P/OS: Parks/Open Space
- P/WL: Parks/Wildlife Refuge
- R-5: Low Density Residential-5
- R-7.5: Low Density Residential
- R-8.5: Low Density Residential-8.5
- UP: Urban Public
- WMU: Waterfront Mixed Use

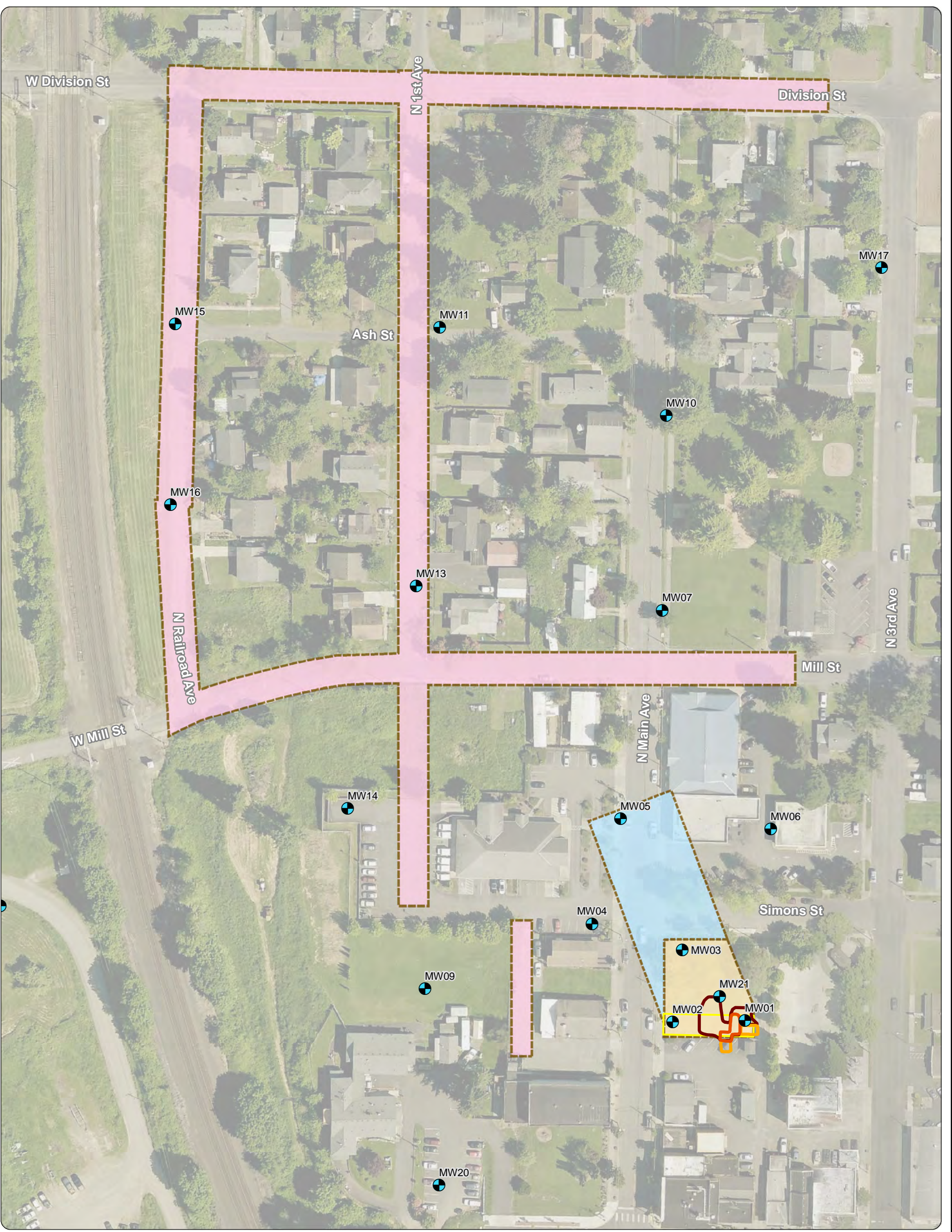


Source: Aerial photographs (2013) obtained from the National Agriculture Imagery Program. Tax lots and zoning data obtained from Clark County, Washington.

Figure 5-3
Preliminary Conceptual Site Model of
Potential Human Exposure Pathways
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Primary Source	Primary Release Mechanism	Secondary Sources	Secondary Release Mechanism	Tertiary Source	Point of Potential Contact	Exposure Route	On-Property Receptors			Off-Property Receptors				
							Excavation Worker	Commercial Worker	Resident	Excavation Worker	Commercial Worker	Resident	Recreationist	
Historical Disposal	Volatilization	Indoor air	Volatilization	Indoor air	Indoor air	Inhalation	✓	✓	✓	✓	✓ ^a	✓ ^a	∅	
							✓	✓	✓	✓	✓ ^a	✓ ^a	∅	
							✓	✓	✓	✓	✓ ^a	✓ ^a	∅	
		Outdoor air	Volatilization	Outdoor air	Outdoor air	Inhalation	∅	∅	∅	∅	∅	∅	∅	∅
							∅	∅	∅	∅	∅	∅	∅	
							∅	∅	∅	∅	∅	∅	∅	
		Indoor air	Volatilization	Indoor air	Volatilization	Indoor air	Inhalation	∅	✓	✓	∅	∅ ^b	∅ ^b	∅
								∅	∅	∅	∅	∅	∅	∅
								∅	∅	∅	∅	∅	∅	∅
Outdoor air	Volatilization	Outdoor air	Volatilization	Outdoor air	Inhalation	∅	∅	∅	∅	∅	∅	∅		
						∅	∅	∅	∅	∅	∅	∅		
						∅	∅	∅	∅	∅	∅	∅		
Groundwater	Historical Migration	Groundwater	Historical Migration	Groundwater	Groundwater	Ingestion Dermal Contact Inhalation	✓	✓	✓	✓	✓	✓	∅	
							✓	✓	✓	✓	✓	✓	∅	
							✓	✓	✓	✓	✓	✓	∅	
Lake River	Discharge to surface water	Lake River	Discharge to surface water	Surface Water and Sediment	Surface Water and Sediment	Incidental Ingestion Dermal Contact	∅	∅	∅	∅	∅	∅	∅	
							∅	∅	∅	∅	∅	∅	∅	
Fish Tissue (via bioaccumulation)	Discharge to surface water	Lake River	Discharge to surface water	Fish Tissue (via bioaccumulation)	Fish Tissue (via bioaccumulation)	Ingestion	∅	∅	∅	∅	∅	∅	∅	
							∅	∅	∅	∅	∅	∅	∅	

Notes:
 Primary Pathway
 Potentially Complete exposure route
 Incomplete exposure route
 Insignificant exposure route
^aHinrich Property and Police Station Property.
^bHinrich Property.
^cUpland terrain groundwater is nonpotable. There is a restrictive covenant in groundwater for the Lake River Industrial Site.



Source: Aerial photograph (2014) obtained from Clark County GIS.

Notes:
1. Alt = Alternative.

Monitoring Well
 Property

- Legend**
- Remedial Action Alternatives**
- Focused Injections (Alt 3, 4, 5, 6 & 7)
 - Expanded Injections (Alt 5, 6 & 7)
 - Reactive Zone Injections (Alt 7)
 - 3' Proposed Excavation (Alt 2, 3, 4, 5, 6 & 7)
 - 6' Proposed Excavation (Alt 2, 3, 4, 5, 6 & 7)
 - 15' Proposed Excavation (Alt 2, 4, 6 & 7)

Figure 7-1
Remedial Action Alternatives
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

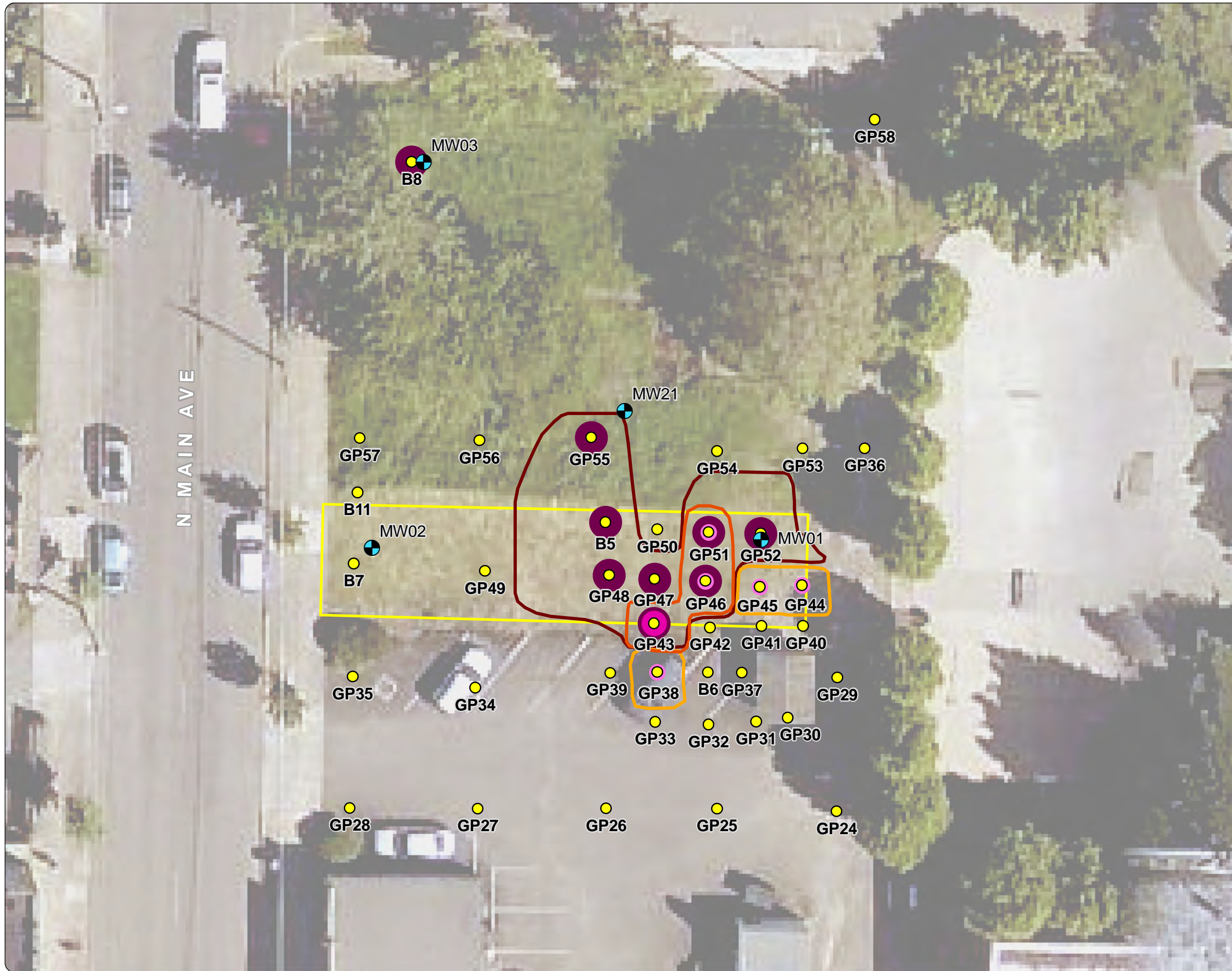


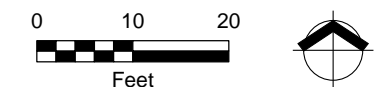
Figure 7-2 Excavation Extent

Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Legend

- Monitoring Well
- Boring Location
- Surface (0.5 ft bgs) Exceedances
- Mid-Depth (5 ft bgs) Exceedances
- Deep (> 12 ft bgs) Exceedances
- 3' Proposed Excavation (Alt 2, 3, 4, 5, 6 & 7)
- 6' Proposed Excavation (Alt 2, 3, 4, 5, 6 & 7)
- 15' Proposed Excavation (Alt 2, 4, 6 & 7)
- Property Boundary

Notes:
 Exceedance is defined as a PCE concentration in soil within the top 15 feet in excess of MTCA Method A criteria.
 ft bgs = feet below ground surface.
 MTCA = Model Toxics Control Act.



Source: Aerial photograph (2014) obtained from Clark County, Washington

APPENDIX A

WELL LOGS AND WATER RIGHTS PERMITS



NOV-2 73057095

CASH OTHER / NONE

Water Right Claims Registration

Water Right Claim



Name George C. Oldham

(Short Form) 27

Address P.O. 92 (505 Maple)

Ridgefield, Wa. Zip Code 98642

Phone No. 887-3939

1) Source from which the right to take and make use of water is claimed: Surface Water Ground Water
If surface water, please indicate source; give name if known:

Spring - in Gee Creek drainage area
(River, stream, lake, pond, spring, etc.)

2) Purpose(s) for which water is used:

Domestic Stockwatering Irrigation (lawn and garden) Other Use (specify) _____

3) Legal description of lands on which water is used Lot 16 of James Carty Sr.
Donation Land Claim, located in S.W. 1/4 of
N.W. 1/4, of N.W. 1/4 of S. 19, R. 1 E. of W.M.
T. 4 N.

If located within the limits of a recorded platted property: Town of Ridgefield
Lot 16 Block — of James Carty Sr. D.L.C.
(Give name of plat or addition)

In addition, please indicate Sec. 19 T. 4 N. R. 1 E W.W.M.

County in which lands are located Clark

DO NOT USE THIS SPACE

The filing of a statement of claim does not constitute an adjudication of any claim to the right to use of waters as between the water use claimant and the state or as between one or more use claimants and another or others. This acknowledgment constitutes receipt for the filing fee

Date Registered _____ This has been assigned
Water Right Claim Registry No.

00213045348

Director, Department of Ecology

I hereby swear that the above information is true and accurate to the best of my knowledge and belief.

George C. Oldham

Date 31-October-1973

If claim filed by designated representative print or type full name and mailing address of agent below.

\$2.00 Filing Fee Enclosed

Additional information relating to water quality and/or well construction is available.

A FEE OF \$2.00 MUST ACCOMPANY THIS WATER RIGHT CLAIM

ORIGINAL DOE

Return all three copies with carbons intact, along with your fee to:
Department of Ecology, Water Right Claims Registration, Olympia, Washington 98504

WATER WELL REPORT

Application No.

STATE OF WASHINGTON

Permit No.

(1) **OWNER:** Name City of Ridgefield Address Ridgefield, WA 98642
 (2) **LOCATION OF WELL:** County Clark — SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 19 T. 4 N., R. 1 **XXXX**

Bearing and distance from section or subdivision corner

(3) **PROPOSED USE:** Domestic Industrial Municipal
 Irrigation Test Well Other

(4) **TYPE OF WORK:** Owner's number of well (if more than one) 7
 New well Method: Dug Bored
 Deepened Cable Driven
 Reconditioned Rotary Jetted

(5) **DIMENSIONS:** Diameter of well 8 inches.
 Drilled 355 ft. Depth of completed well 195.3 ft.

(6) **CONSTRUCTION DETAILS:**
 Casing installed: 8 " Diam. from 2.35 ft. to 146 ft.
 Threaded " Diam. from _____ ft. to _____ ft.
 Welded " Diam. from _____ ft. to _____ ft.
 Perforations: Yes No
 Type of perforator used _____
 SIZE of perforations _____ in: by _____ in:
 _____ perforations from _____ ft. to _____ ft.
 _____ perforations from _____ ft. to _____ ft.
 _____ perforations from _____ ft. to _____ ft.

Screens: Yes No
 Manufacturer's Name UOP Johnson
 Type Stainless Steel Model N Pipe Size _____
 Diam. 5 Slot size .030 from 145.5 ft. to 166 ft.
 Diam. 5 Slot size .030 from 171 ft. to 186 ft.

Gravel packed: Yes No Size of gravel: Aqua 8
 Gravel placed from 129.5 ft. to 195 ft.

Surface seal: Yes No To what depth? 40 ft.
 Material used in seal: cement
 Did any strata contain unusable water? Yes No
 Type of water? _____ Depth of strata _____
 Method of sealing strata off _____

(7) **PUMP:** Manufacturer's Name _____
 Type: _____ HP _____

(8) **WATER LEVELS:** Land-surface elevation 43.8 ft.
 above mean sea level.
 Static level 19.83 ft. below top of well Date 6/11/86
 Artesian pressure _____ lbs. per square inch Date _____
 Artesian water is controlled by _____ (Cap, valve, etc.)

(9) **WELL TESTS:** Drawdown is amount water level is lowered below static level
 Was a pump test made? Yes No If yes, by whom Carr/Assoc
 Yield: 400 gal./min. with 41.35 ft. drawdown after 4 hrs.
 " " " " " "
 " " " " " "

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

Time	Water Level	Time	Water Level	Time	Water Level
1 min	36.42	37	25.00	151	22.30
5	30.22	65	23.79	210	21.88
10	28.31	122	22.60	266	20.67

Date of test 6/5/86
 Bailer test _____ gal./min. with _____ ft. drawdown after _____ hrs.
 Artesian flow _____ g.p.m. Date _____
 Temperature of water _____ Was a chemical analysis made? Yes No

(10) **WELL LOG:**

Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

MATERIAL	FROM	TO
Top Soil	0	2
Clay, gravel, sand	2	5
Gravel, cemented	5	14
Sand, gravel, clay	14	17
Gravel, sand, boulders, clay	17	22
Sand, black	22	28
Clay	28	28.9
Clay, gravel	29	32
Clay, sand, gravel	32	38
Sand, gravel	38	46
Sand, reddish brown gravel	46	55
Sand, blue brown red, gravel	55	64
Sand, brown, yellow, gravel	64	75
Sand, blue, brown	75	78
Sand, clay, yellow brown	78	80
Sand, yellow brown	80	93
Gravel	93	94
Clay, blue green	94	123
Clay, sandy, blue green	123	137
Sand, grey, water	137	143
Sand, brown, water	143	162
Sand, cemented, clay, dry	162	167
Sand, brown, water	167	187
Sand, wood	187	188
Rock, soft red	188	196
Clay, red	196	230
Clay, yellow brown, sand & gravel	230	270
Clay, brown, sand & gravel	270	285
Mudstone, dark brown	285	308
Clay, orange brown, sand & gravel	308	320
Sand, clay, some water	320	330
Clay, Yellow, sand & gravel	330	340
Rock, basalt	340	355+

Work started 5-1 1986 Completed 6-6 1986

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME Dale McGhee & Sons Well Drilling, I
 (Person, firm, or corporation) (Type or print)

Address 3032 Allen St., Kelso, WA 98626

[Signed] J. Steve McGhee
 (Well Driller)

License No. 0298 Date July 10, 1986

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.



UNIQUE WELL I.D. NUMBER ABS/41
X Y Z 1 2 3

WELL TAGGING FORM

Date of Field Visit 9/20/94 By SAS C. Covert

ADDITIONAL WELL IDENTIFIERS

Department of Health System ID Number 72400V Source Number SO 7

USGS Site Identification _____

RECORD VERIFICATION

- Well Report available (please attach)
- Well Report not available
- Verification inconclusive

WELL OWNERSHIP, IF DIFFERENT FROM WELL REPORT

Name _____

Street address _____

City _____ State _____

LOCATION OF WELL, IF DIFFERENT FROM WELL REPORT

Well Address _____

City _____ County _____

T. _____ N. R. _____ W.M. Sec. _____ 1/4 of the _____

Latitude _____ ° _____ ' _____ "

Longitude _____ ° _____ ' _____ "

- GPS (raw data)
- GPS (corrected)
- Topographic Map
- Survey
- Computer generated
- Other _____

Elevation at land surface _____ feet/meters (circle one)

- Digital Altimeter
- Topographic Map
- Other _____

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

Additional information, if available:

- Location marked on topographic map (please attach)
- Location marked on air photo (please attach)

Water Right # G 2-27103 C

Priority Date. 13 Aug 1986

Circle one: Application Permit Certificate Claim Exempt

WELL CHARACTERISTICS

Physical Description of Well (size of casing, type of well, housing, etc.): well head has

8" casing & is located in Abrams park

Location of Well Identification Tag: _____

Inside Vault at the well head.

Was Supplemental Tag needed for ease of identifying well?

- NO
- YES

If yes, where was tag placed? _____

Scale 1:24,000 (1"=2,000')

D	C	B	A
E		G	H
M	L	K	J
N	P	Q	R

Indicate the location of the well within the Section by drawing a dot at that point.

SECTION 19 SE 1/4 NW 1/4

COMMENTS: _____

WATER WELL REPORT

Application No

STATE OF WASHINGTON

Permit No

(1) **OWNER:** Name City of Ridgefield Address Ridgefield, WA 98642
 (2) **LOCATION OF WELL.** County Clark — SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec 19 T 4 N, R 1 ~~XXX~~
 Bearing and distance from section or subdivision corner

(3) **PROPOSED USE:** Domestic Industrial Municipal
 Irrigation Test Well Other

(4) **TYPE OF WORK** Owner's number of well (if more than one) 7
 New well Method Dug Bored
 Deepened Cable Driven
 Reconditioned Rotary Jetted

(5) **DIMENSIONS:** Diameter of well 8 inches
 Drilled 355 ft Depth of completed well 195.3 ft

(6) **CONSTRUCTION DETAILS:**
 Casing installed: 8 " Diam from +2.35 ft to 146 ft
 Threaded " Diam from - ft to - ft
 Welded Diam from - ft to - ft
 Perforations: Yes No
 Type of perforator used - - - - -
 SIZE of perforations - in by - in
 - - - - - perforations from - ft to - ft
 - - - - - perforations from - ft to - ft
 - - - - - perforations from - ft to - ft

Screens: Yes No
 Manufacturer's Name UOP Johnson
 Type Stainless Steel Model No --- Pipe Size ---
 Diam 5 Slot size .030 from 145.5 ft to 166 ft
 Diam 5 Slot size .030 from 171 ft to 186.5 ft

Gravel packed: Yes No Size of gravel Aqua 8
 Gravel placed from 129.5 ft to 195 ft

Surface seal: Yes No To what depth? 40 ft
 Material used in seal cement
 Did any strata contain unusable water? Yes No
 Type of water? - - - - - Depth of strata - - - - -
 Method of sealing strata off. - - - - -

(7) **PUMP:** Manufacturer's Name - - - - -
 Type - - - - - HP - - - - -

(8) **WATER LEVELS.** Land-surface elevation 43.8 ft above mean sea level
 Static level 19.83 ft below top of well Date 6/11/86
 Artesian pressure - - - - - lbs per square inch Date - - - - -
 Artesian water is controlled by - - - - - (Cap, valve, etc)

(9) **WELL TESTS:** Drawdown is amount water level is lowered below static level
 Was a pump test made? Yes No If yes by whom Carr/Assoc
 Yield 400 gal/min with 41.35 ft drawdown after 4 hrs

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

Time	Water Level	Time	Water Level	Time	Water Level
1 min	36.42	37	25.00	151	22.30
5	30.22	65	23.79	210	21.88
10	28.31	122	22.60	266	20.67

Date of test 6/5/86
 Bailer test - gal/min with - ft drawdown after - hrs
 Artesian flow - gpm Date - - - - -
 Temperature of water - - - - - Was a chemical analysis made? Yes No

(10) **WELL LOG**
 Formation Describe by color character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation

MATERIAL	FROM	TO
Top Soil	0	2
Clay, gravel, sand	2	5
Gravel, cemented	5	14
Sand, gravel, clay	14	17
Gravel, sand, boulders, clay	17	22
Sand, black	22	28
Clay	28	29
Clay, gravel	29	32
Clay, sand, gravel	32	38
Sand, gravel	38	46
Sand, reddish brown gravel	46	55
Sand, blue brown red, gravel	55	64
Sand, brown, yellow, gravel	64	75
Sand, blue, brown	75	78
Sand, clay, yellow brown	78	80
Sand, yellow brown	80	93
Gravel	93	94
Clay, blue green	94	123
Clay, sandy, blue green	123	137
Sand, grey, water	137	143
Sand, brown, water	143	162
Sand, cemented, clay, dry	162	167
Sand, brown, water	167	187
Sand, wood	187	188
Rock, soft red	188	196
Clay, red	196	230
Clay, yellow brown, sand & gravel	230	270
Clay, brown, sand & gravel	270	285
Mudstone, dark brown	285	308
Clay, orange brown, sand & gravel	308	320
Sand, clay, some water	320	330
Clay, yellow, sand & gravel	330	340
Rock, basalt	340	355+

Work started 5-1 19 86 Completed 6-6 19 86

WELL DRILLER'S STATEMENT
 This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief

NAME Dale McGhee & Sons Well Drilling, Inc
 (Person, firm, or corporation) (Type or print)
 Address 3032 Allen St., Kelso, WA 98626

[Signed] _____ (Well Driller)
 License No _____ Date _____, 19 ____

The Department of Ecology does NOT Warrant the Data and/or the Information on this Well Report.

CERTIFICATE OF WATER RIGHT

- Surface Water (Issued in accordance with the provisions of Chapter 117, Laws of Washington for 1917 and amendments thereto and the rules and regulations of the Department of Ecology)
- Ground Water (Issued in accordance with the provisions of Chapter 263, Laws of Washington for 1945, and amendments thereto, and the rules and regulations of the Department of Ecology)

PRIORITY DATE	APPLICATION NUMBER	PERMIT NUMBER	CERTIFICATE NUMBER
August 13, 1986	G 2-27103	G 2-27103 P	G 2-27103 C

NAME City of Ridgefield			
ADDRESS (STREET)	(CITY)	(STATE)	(ZIP CODE)
230 Pioneer Avenue	Ridgefield	Washington	98668

This is to certify that the herein named applicant has made proof to the satisfaction of the Department of Ecology of a right to the use of the public waters of the State of Washington as herein defined, and under and specifically subject to the provisions contained in the Permit issued by the Department of Ecology, and that said right to the use of said waters has been perfected in accordance with the laws of the State of Washington, and is hereby confirmed by the Department of Ecology and entered of record as shown, but is limited to an amount actually beneficially used

PUBLIC WATER TO BE APPROPRIATED

SOURCE Well No. 7
TRIBUTARY OF (IF SURFACE WATERS)

MAXIMUM CUBIC FEET PER SECOND	MAXIMUM GALLONS PER MINUTE	MAXIMUM ACRE-FEET PER YEAR
	300	241

QUANTITY	TYPE OF USE	PERIOD OF USE
241 acre-feet per year (Supplemental)	Municipal supply	As needed year round

LOCATION OF DIVERSION/WITHDRAWAL

APPROXIMATE LOCATION OF DIVERSION-WITHDRAWAL 820 feet North and 620 feet West of the center of Section 19.

LOCATED WITHIN (SMALLEST LEGAL SUBDIVISION) SE 1/4 NW 1/4	SECTION 19	TOWNSHIP N 4	RANGE (E OR W) W M 1E	W R I A 27	COUNTY Clark
--	---------------	-----------------	--------------------------	---------------	-----------------

RECORDED PLATTED PROPERTY

LOT	BLOCK	OF (GIVE NAME OF PLAT OR ADDITION)

LEGAL DESCRIPTION OF PROPERTY ON WHICH WATER IS TO BE USED

Area served by the City of Ridgefield.

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

**STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY**

PERMIT

TO APPROPRIATE PUBLIC WATERS OF THE STATE OF WASHINGTON

Surface Water (issued in accordance with the provisions of Chapter 117, Laws of Washington for 1917, and amendments thereto, and the rules and regulations of the Department of Ecology.)

Ground Water (issued in accordance with the provisions of Chapter 263, Laws of Washington for 1945, and amendments thereto, and the rules and regulations of the Department of Ecology.)

PRIORITY DATE August 13, 1986	APPLICATION NUMBER G 2-27103	PERMIT NUMBER G 2-27103 P	CERTIFICATE NUMBER
---	--	-------------------------------------	---------------------------

NAME
City of Ridgefield

ADDRESS (STREET) 230 Pioneer Avenue **(CITY)** Ridgefield **(STATE)** Washington **(ZIP CODE)** 98668

The applicant is, pursuant to the Report of Examination which has been accepted by the applicant, hereby granted a permit to appropriate the following described public waters of the State of Washington, subject to existing rights and to the limitations and provisions set out herein.

PUBLIC WATER TO BE APPROPRIATED

SOURCE
Well No. 7

TRIBUTARY OF (IF SURFACE WATERS)

MAXIMUM CUBIC FEET PER SECOND	MAXIMUM GALLONS PER MINUTE 300	MAXIMUM ACRE-FEET PER YEAR 241
--------------------------------------	--	--

QUANTITY, TYPE OF USE, PERIOD OF USE
241 acre-feet per year Municipal supply As needed year round
(Supplemental)

LOCATION OF DIVERSION/WITHDRAWAL

APPROXIMATE LOCATION OF DIVERSION-WITHDRAWAL
820 feet North and 620 feet West of the center of Section 19.

LOCATED WITHIN (SMALLEST LEGAL SUBDIVISION) SE 1/4 NW 1/4	SECTION 19	TOWNSHIP N. 4	RANGE, (E. OR W.) W.M. 1E	W.R.I.A. 27	COUNTY Clark
---	----------------------	-------------------------	-------------------------------------	-----------------------	------------------------

RECORDED PLATTED PROPERTY

LOT	BLOCK	OF (GIVE NAME OF PLAT OR ADDITION)
------------	--------------	---

LEGAL DESCRIPTION OF PROPERTY ON WHICH WATER IS TO BE USED

Area served by the City of Ridgefield.

DESCRIPTION OF PROPOSED WORKS

Well No. 7 is eight inches in diameter and was drilled to a depth of 195 feet below land surface. A well log is on file.

DEVELOPMENT SCHEDULE

BEGIN PROJECT BY THIS DATE:	COMPLETE PROJECT BY THIS DATE:	WATER PUT TO FULL USE BY THIS DATE:
Started	Completed	April 1, 1990

PROVISIONS

Installation and maintenance of an access port as described in Ground Water Bulletin No. 1 is required. An air line and gauge may be installed in addition to the access port.

The quantity appropriated by this document is considered to be a portion of the amount reserved by the adoption of Chapter 173-592, the Reservation of Future Public Water Supply for Clark County. The priority date of this permit is August 13, 1986.

"The annual quantity of 241 acre-feet per year authorized herein is totally supplemental to existing rights. No more than 369 acre-feet per year may be withdrawn under all existing recorded and vested water rights enjoyed by the City of Ridgefield."

This permit shall be subject to cancellation should the permittee fail to comply with the above development schedule and/or fail to give notice to the Department of Ecology on forms provided by that Department documenting such compliance.

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.



WATER WELL REPORT

Original & 1st copy - Ecology, 2nd copy - owner, 3rd copy - driller

Construction/Decommission ("x" in circle)

Construction

Decommission ORIGINAL INSTALLATION Notice

266957 of Intent Number

CURRENT

Notice of Intent No. WE06634

Unique Ecology Well ID Tag No APP-678

Water Right Permit No G2-20381

Property Owner Name City of Ridgefield

Well Street Address East end of Division - Abrams Park

City Ridgefield County Clark

Location SW 1/4-1/4 NW 1/4 Sec 19 Twn 4 R 1 EWM or WWM circle one

Lat/Long (s, t, r) Lat Deg N 45 Lat Min/Sec 49'07"

Still REQUIRED) Long Deg W 122 Long Min/Sec 44'19"

Tax Parcel No 67888002

PROPOSED USE DeWater Domestic Irrigation Industrial Test Well Municipal Other

TYPE OF WORK Owner's number of well (if more than one) 10
 New well Reconditioned Method Dug Bored Driven
 Deepened Jetted Cable Rotary

DIMENSIONS Diameter of well 1 inches, drilled 223 ft.
Depth of completed well 135 ft.

CONSTRUCTION DETAILS
Casing Welded 12" Diam from +1.5 ft to 108.5 ft
Installed Liner installed Diam from ft to ft
 Threaded " Diam. from ft to ft

Perforations Yes No
Type of perforator used
SIZE of perfs in. by in. and no. of perfs from ft to ft.

Screens. Yes No K-Pac Location
Manufacturer's Name Johnson
Type V-wire Stainless Steel Model No
Diam. 8 5/8 Slot size 28 from 109.2 ft to 129.7 ft
Diam. 8 5/8 Slot size 28 from 106.1 ft to 108.7 ft

Gravel/Filter packed Yes No Size of gravel/sand 16/30
Materials placed from 102 ft to 135 ft

Surface Seal Yes No To what depth? 18 ft
Material used in seal Bentonite Chips

Did any strata contain unusable water? Yes No
Type of water? Depth of strata
Method of sealing strata off

PUMP Manufacturer's Name
Type H P

WATER LEVELS Land-surface elevation above mean sea level ft
Static level 16 ft below top of well Date 7/6/07
Artesian pressure lbs per square inch Date
Artesian water is controlled by (cap, valve etc)

WELL TESTS Drawdown is amount water level is lowered below static level
Was a pump test made? Yes No If yes by whom?
Yield gal/min with ft drawdown after hrs
Yield gal/min with ft drawdown after hrs
Yield gal/min with ft drawdown after hrs

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)
Time Water Level Time Water Level Time Water Level

Date of test

Bailer test gal/min with ft drawdown after hrs

Artest 100 gal/min. with stem set at 110-130 ft for 9/8 hrs

Artesian flow g p.m Date
Temperature of water Was a chemical analysis made? Yes No

CONSTRUCTION OR DECOMMISSION PROCEDURE

Formation Describe by color, character size of material and structure, and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information. (USE ADDITIONAL SHEETS IF NECESSARY)

MATERIAL	FROM	TO
Brown silty sand	0	15
Gray glacial till	15	19
Gray cobbles, gravel, sand, small boulder, some water	19	53
Brown sand, some water, some gravel	53	57
Gray sandy silt, some pea gravel, wet	57	71
Blue-green sandstone	71	78
Blue-green silty sand, mica	78	88
Brown-gray sand, silt, water	88	101
Grayish-brown sand, some clay, some water	101	135
Light brown clay, some sand	135	151
Light brown clay, some gravel, some sand	151	153
Light brown sand, clay	153	156
Light brown clayey gravel, some sand	156	163
Red clay	163	166
Layered brown / red / gray clay, some sand	166	218
Broken weathered basalt, brown to gray clay	218	221
Black basalt	221	223

Two days of development, abandon bottom of hole with bentonite chips, 3' pea gravel 135'-138'

Job 07-1526-04
Washington State Department of Ecology
JUL 24 2007

Start Date 05/30/2007 Completed Date 07/06/2007

WELL CONSTRUCTION CERTIFICATION I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief

Driller Engineer Trainee Name (Print) Mark Wiese
Driller/Engineer/Trainee Signature
Driller or trainee License No 2432

Drilling Company Tacoma Pump & Drilling Co, Inc
Address 30316 Mountain Highway
City State Zip Graham, WA 98338

If TRAINEE,
Driller's Licensed No
Driller's Signature

Contractor's
Registration No TACOMPD203PF Date 07/16/2007

Ecology is an Equal Opportunity Employer

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.



WATER WELL REPORT

Original & 1st copy - Ecology, 2nd copy - owner, 3rd copy - driller

Construction/Decommission ("x" in circle)

- Construction
 Decommission ORIGINAL INSTALLATION Notice

266957 of Intent Number

PROPOSED USE: De Water Domestic Irrigation Industrial Test Well Municipal Other

TYPE OF WORK: Owner's number of well (if more than one) _____
 New well Reconditioned Method: Dug Bored Driven
 Deepened Cable Rotary Jetted

DIMENSIONS: Diameter of well 1 inches, drilled 223 ft.
 Depth of completed well 135 ft.

CONSTRUCTION DETAILS
 Casing Welded 12" Diam. from +1.5 ft. to 108.5 ft.
 Installed: Liner installed " Diam. from " ft. to " ft.
 Threaded " Diam. from " ft. to " ft.

Perforations: Yes No
 Type of perforator used _____
 SIZE of perfs _____ in. by _____ in. and no. of perfs _____ from _____ ft. to _____ ft.

Screens: Yes No K-Pac Location _____
 Manufacturer's Name Johnson
 Type V-wire Stainless Steel Model No. _____
 Diam. 8 5/8 Slot size 28 from 109.2 ft. to 129.7 ft.
 Diam. 8 5/8 Slot size 28 from 106.1 ft. to 108.7 ft.

Gravel/Filter packed: Yes No Size of gravel/sand 16/30
 Materials placed from 102 ft. to 135 ft.

Surface Seal: Yes No To what depth? 18 ft.
 Material used in seal Bentonite Chips
 Did any strata contain unusable water? Yes No
 Type of water? _____ Depth of strata _____
 Method of sealing strata off _____

PUMP: Manufacturer's Name _____
 Type: _____ H.P. _____

WATER LEVELS: Land-surface elevation above mean sea level _____ ft.
 Static level 16 ft. below top of well Date 7/6/07
 Artesian pressure _____ lbs. per square inch Date _____
 Artesian water is controlled by _____ (cap, valve, etc.)

WELL TESTS: Drawdown is amount water level is lowered below static level
 Was a pump test made? Yes No If yes, by whom? _____
 Yield: _____ gal./min. with _____ ft. drawdown after _____ hrs.
 Yield: _____ gal./min. with _____ ft. drawdown after _____ hrs.
 Yield: _____ gal./min. with _____ ft. drawdown after _____ hrs.
 Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

Time	Water Level	Time	Water Level	Time	Water Level

 Date of test _____
 Bailer test _____ gal./min. with _____ ft. drawdown after _____ hrs.
 Airtest 100 gal./min. with stem set at 110-130 ft. for 9/8 hrs.
 Artesian flow _____ g.p.m. Date _____
 Temperature of water _____ Was a chemical analysis made? Yes No

CURRENT

Notice of Intent No. WE06634

Unique Ecology Well ID Tag No. APP-678

Water Right Permit No. G2-20381

Property Owner Name City of Ridgefield

Well Street Address East end of Division - Abrams Park

City Ridgefield County Clark

Location SE 1/4-1/4 NW 1/4 Sec 19 Twn 4 R 1 EWM or WWM circle one

Lat/Long (s, t, r) Lat Deg _____ Lat Min/Sec _____

Still REQUIRED) Long Deg _____ Long Min/Sec _____

Tax Parcel No. 67888002

CONSTRUCTION OR DECOMMISSION PROCEDURE

Formation: Describe by color, character, size of material and structure, and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information. (USE ADDITIONAL SHEETS IF NECESSARY.)

MATERIAL	FROM	TO
Brown silty sand.	0	15
Gray glacial till.	15	19
Gray cobbles, gravel, sand, small boulder, some water	19	53
Brown sand, some water, some gravel.	53	57
Gray sandy silt, some pea gravel, wet.	57	71
Blue-green sandstone.	71	78
Blue-green silty sand, mica.	78	88
Brown-gray sand, silt, water.	88	101
Grayish-brown sand, some clay, some water.	101	135
Light brown clay, some sand.	135	151
Light brown clay, some gravel, some sand.	151	153
Light brown sand, clay.	153	156
Light brown clayey gravel, some sand.	156	163
Red clay.	163	166
Layered brown / red / gray clay, some sand.	166	218
Broken weathered basalt, brown to gray clay.	218	221
Black basalt.	221	223

Two days of development; abandon bottom of hole with bentonite chips; 3' pea gravel 135'-138'.

RECEIVED

JUL 24 2007

Washington State

Department of Ecology

Job 07-1526-04

Start Date 05/30/2007

Completed Date 07/06/2007

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

Driller Engineer Trainee Name (Print) Mark Wiese
 Driller/Engineer/Trainee Signature _____
 Driller or trainee License No. 2432

Drilling Company Tacoma Pump & Drilling Co., Inc.
 Address 30316 Mountain Highway
 City, State, Zip Graham, WA 98338

If TRAINEE,
 Driller's Licensed No. _____
 Driller's Signature _____

Contractor's
 Registration No. TACOMPD203PF Date 07/16/2007

Ecology is an Equal Opportunity Employer.



WATER WELL REPORT

Original & 1st copy - Ecology, 2nd copy - owner, 3rd copy - driller

Construction/Decommission ("x" in circle) **139112**
 Construction
 Decommission ORIGINAL CONSTRUCTION Notice of Intent Number _____

CURRENT Notice of Intent No. W 168512
Unique Ecology Well ID Tag No AGQ 875
Water Right Permit No. _____
Property Owner Name Jeff Dougherty

PROPOSED USE: Domestic Industrial Municipal
 DeWater Irrigation Test Well Other _____

Well Street Address 621 Shobert Lane
City Ridgefield County: Clark

TYPE OF WORK: Owner's number of well (if more than one) _____
 New Well Reconditioned Method Dug Bored Driven
 Deepened Cable Rotary Jetted

Location NW 1/4- 1/4 SW 1/4 Sec. 19 Twn. 4N R 1E EWM circle or one WWM

DIMENSIONS: Diameter of well 6" inches, drilled 357 ft
Depth of completed well 357 ft

Lat/Long. (s,t,r still REQUIRED) Lat Deg _____ Lat Min/Sec _____
Long Deg _____ Long Min/Sec _____

CONSTRUCTION DETAILS
Casing Welded 6" Diam from +1'10 1/4" ft to 340 ft
Installed: Liner installed 5" Head Diam from 335'7" ft to 341'3" ft
 Threaded _____ Diam from _____ ft to _____ ft

Tax Parcel No. _____

Perforations: Yes No
Type of perforator used _____
SIZE of perfs _____ in by _____ in and no of perfs _____ from _____ ft. to _____ ft

CONSTRUCTION OR DECOMMISSION PROCEDURE
Formation. Describe by color, character, size of material and structure, and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information. Indicate all water encountered (USE ADDITIONAL SHEETS IF NECESSARY)

Screens: Yes No K-Pac Location 335'7"
Manufacturer's Name Johnson
Type Stainless steel Model No _____
Diam 5" Slot Size 14 from 341'3" ft to 357 ft
Diam _____ Slot Size _____ from _____ ft to _____ ft

MATERIAL	FROM	TO
Top soil	0	1
Brown clay	1	15
Brown sand	15	23
Grey sticky clay with gravel	23	30
Brown sticky clay	30	70
Clay & gravel brown	70	100
Sand & gravel loose	100	170
Loose sand & gravel	170	185
Brown/grey sand little gravel, water	185	230
Grey clay	230	235
Black & grey cemented sand, water	235	245
Grey shaley clay with siltstone	245	260
Brown sand & water	260	355
Cemented brown sand	355	357

Gravel/Filter packed: Yes No Size of gravel/sand _____
Materials placed from _____ ft to _____ ft

Surface Seal: Yes No To what depth? 20 ft
Materials used in seal Hole plug/quick grout
Did any strata contain unusable water? Yes No
Type of water? _____ Depth of strata _____
Method of sealing strata off _____

PUMP: Manufacturer's Name _____
Type _____ HP _____

WATER LEVELS: Land-surface elevation above mean sea level _____ ft
Static level 155 ft below top of well Date 8-28-03
Artesian pressure _____ lbs per square inch Date _____
Artesian water is controlled by _____ (cap, valve, etc)

WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? Yes No If yes, by whom? _____
Yield _____ gal/min with _____ ft drawdown after _____ hrs
Yield _____ gal/min with _____ ft drawdown after _____ hrs
Yield _____ gal/min with _____ ft drawdown after _____ hrs

Recovery data (time taken as zero when pump turned off)(water level measured from well top to water level)
Time Water Level Time Water Level Time Water Level

Date of test _____
Pump test 75 gal/min with 95 ft drawdown after 1 hrs
Airtest 150 gal/min with stem set at 280 ft for 3 hrs
Artesian flow _____ g p.m. Date _____
Temperature of water _____ Was a chemical analysis made? Yes No

Hardness 6
Iron .3
PH 7.3

RECEIVED

SEP 05 2003

Washington State
Department of Ecology

Start Date 8-22-03 Completed Date 8-28-03

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.
 Driller Engineer Trainee Name (Print) Mark Blackburn Drilling Company Hansen Drilling Co. Inc.
Driller/Engineer/Trainee Signature [Signature] Address 6711 NE. 58th Ave.
Driller or Trainee License No. 2296 City, State, Zip Vancouver Wa 98661

If trainee, licensed driller's _____
Signature and License no. _____

Contractor's Registration No. HANSED*377NT Date 8-29-03
Ecology is an Equal Opportunity Employer ECY 050-1-20 (Rev 4/01)

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

WATER WELL REPORT

Application No. 2-25684

STATE OF WASHINGTON

Permit No. _____

(1) OWNER: Name Richard Kraus Address 421 N. 4th St., Ridgefield, WA
(2) LOCATION OF WELL: County Clark — SE ¼ NW ¼ Sec 19 T 4 N, R 1E W.M.
 Bearing and distance from section or subdivision corner _____

(3) PROPOSED USE: Domestic Industrial Municipal
 Irrigation Test Well Other

(4) TYPE OF WORK: Owner's number of well (if more than one) _____
 New well Method: Dug Bored
 Deepened Cable Driven
 Reconditioned Rotary Jetted

(5) DIMENSIONS: Diameter of well 6 inches.
 Drilled 175 ft. Depth of completed well 175 ft.

(6) CONSTRUCTION DETAILS:
 Casing installed: 6 " Diam. from 0 ft. to 160 ft.
 Threaded " Diam. from _____ ft. to _____ ft.
 Welded " Diam. from _____ ft. to _____ ft.

Perforations: Yes No
 Type of perforator used _____
 SIZE of perforations _____ in. by _____ in.
 _____ perforations from _____ ft. to _____ ft.
 _____ perforations from _____ ft. to _____ ft.
 _____ perforations from _____ ft. to _____ ft.

Screens: Yes No
 Manufacturer's Name UOP Johnson
 Type Stainless Steel Model No 30A
 Diam. 6 Slot size 14 from 160 ft. to 165 ft.
 Diam. 6 Slot size 15 from 165 ft. to 170 ft.
Riser=2'-8", Screen=10'-8", Blank=5'-0"
 Gravel packed: Yes No Size of gravel: _____
 Gravel placed from _____ ft. to _____ ft.

Surface seal: Yes No To what depth? 40 ft.
 Material used in seal Bentonite
 Did any strata contain unusable water? Yes No
 Type of water _____ Depth of strata _____
 Method of sealing strata off _____

(7) PUMP: Manufacturer's Name _____
 Type _____ H.P. _____

(8) WATER LEVELS: Land-surface elevation above mean sea level _____ ft.
 Static level 109'-7" ft. below top of well Date 6/27/81
 Artesian pressure _____ lbs. per square inch Date _____
 Artesian water is controlled by _____ (Cap, valve, etc.)

(9) WELL TESTS: Drawdown is amount water level is lowered below static level
 Was a pump test made? Yes No If yes, by whom? L. Morris
 Yield: 30 gal./min. with 8'-9" drawdown after 4 hrs.

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

Time	Water Level	Time	Water Level	Time	Water Level
1:30PM	110'-3"				
1:38PM	111'-5"				
4:15PM	109'-7"				

Date of test 6/27/81
 Bailor test _____ gal./min. with _____ ft. drawdown after _____ hrs.
 Artesian flow _____ g.p.m. Date _____
 Temperature of water 51° Was a chemical analysis made? Yes No

(10) WELL LOG:
 Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

MATERIAL	FROM	TO
Top soil & brown clay	0	3'
Clay, brown	3'	27'
Sand & silt, brown with brown clay	27'	94'
SEAMS		
Sand, gray, gravel & boulders	94'	106'
Clay, yellow-white	106'	114'
Gravel & boulders	114'	148'
Sand, brown, cemented	148'	170'
Clay, white	170'	173'
Clay, blue	173'	175'

RECEIVED

JUL 21 1981

DEPARTMENT
SOUTHWEST R.

Work started 5/5, 1981. Completed 5/18, 1981.

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME Morris Drilling & Pump Co., Inc.
 (Person, firm, or corporation) (Type or print)
11026 NE St. Johns Rd.
 Address Vancouver, WA 98665

(Signed) John M. Morris
 (Well Driller)

License No. 0364 Date 7/13, 1981

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

RECEIVED
SEP 25 1972

Sec 19, TN 4, R 1E 6E

WRC
19509

TO:	V	REVIEWED	DATE
NWH			
SAR	2		
SFS			
JHG	1		
RRR			
ETC			
FILE			

HANER, ROSS & SPORSEEN

June 11, 1955

LOG OF 10" WELL

Drilled for the Town of Ridgefield, Ridgefield, Washington. Completed May 27, 1955.

LOG OF FORMATIONS:

<u>From</u>	<u>To</u>	<u>Formation</u>
Surface	6 ft.	Topsoil
6	10	boulders
10	36	Cemented gravel
36	42	Gravel - some water
42	50	Cemented gravel
50	56	Sand and gravel
56	65	Cemented gravel

Casing: Well cased from surface to 65 feet with 10 inch standard pipe. 10" casing perforated from 51 feet to 56 ft. Cement grout seal placed 30 feet from surface.

PUMP TEST: Static water level - - 38 ft. from surface
Well pumped 150 gpm from 54 feet.

DRILLED BY RJ STRASSER DRILLING Co

APPENDIX B

BORING LOGS



Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
B10

Sheet
1 of 4

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **3/23/2010 to 3/25/2010**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe/Sonic**
 Geologist/Engineer **Justin Pounds**
 Sample Method **6-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **69.5-feet**
 Outer Hole Diam **6-inch**

Depth (feet, BGS)	Well Details	Sample Data				Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Name (Type)			
1		100	GP					0 to 0.5 feet: SILTY GRAVEL (GM); dark brown; trace organics and roots; damp.
2								0.5 to 3.5 feet: SILT (ML); dark brown; 95% fines, low plasticity; 5% gravel, trace gravel rounded; trace mica; damp.
3								
4								3.5 to 5.0 feet: SILTY GRAVEL (GM); black; 20% fines; 80% gravel, fine to medium; moist.
5		100	GP					5.0 to 6.8 feet: SILT (ML); light brown; 90% fines, low plasticity; 5% sand; 5% gravel; micaceous; damp.
6								
7								6.8 to 10.0 feet: SILTY SAND (SM); light brown; 20% fines; 80% sand, fine to medium; trace mica; wet.
8								
9								
10		100	GP					10.0 to 15.2 feet: SANDY SILT (ML); light brown; 50% fines; 50% sand, fine; trace mica; wet.
11								
12								
13								
14								
15		100	GP					15.2 to 16.3 feet: SILTY SANDY GRAVEL (GW); 20% fines; 20% sand; 60% gravel, rounded, fine to coarse; trace mica; wet.
16								
17								16.3 to 19.0 feet: SANDY GRAVEL (GW); light brown; 40% sand, fine to coarse; 60% gravel, rounded, medium to coarse; trace mica; moist.
18								
19								
20								19.0 to 21.5 feet: SANDY SILTY GRAVEL (GM); dark brown; 15% fines; 10% sand, fine to medium; 75% gravel, rounded, fine to coarse; trace mica; up to 6-inch rounded gravels; damp.

NOTES: 1) bgs = below ground surface. 2) CB = Corebarrel. 3) GP = Geoprobe. 4) "S" in sample name indicates soil. 5) "W" in sample name indicates groundwater.

GBLWC: \\A:\GINT\GINT\PROJECTS\8006.31\8006.31\B5-B11\GP25-67\MW1-MW7.GPJ 2/10/17

Depth (feet, BGS)	Well Details	Interval	Percent Recovery	Sample Data			Blows/6"	Lithologic Column	Soil Description																			
				Collection Method	Number	Name (Type)																						
21			100	CB					21.5 to 26.5 feet: <i>SILTY GRAVEL (GM); light gray; 30% fines; 70% gravel, subrounded; trace mica; damp.</i>																			
22									23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
26.5 to 31.5 feet: <i>SILTY SANDY GRAVEL (GM); light gray; 30% fines, low plasticity; 10% sand; 60% gravel; dry.</i>																												
31.5 to 36.0 feet: <i>SANDY SILTY GRAVEL (GM); dark gray; 20% fines, low plasticity; 20% sand, fine to medium; 60% gravel, subrounded; wet.</i>																												
													B10-S-33.0 B10-W-33.0				36.0 to 39.0 feet: <i>SILTY GRAVEL (GM); dark gray; 50% fines, low plasticity; 50% gravel, subrounded; wet.</i>											
																	39.0 to 41.0 feet: <i>SAND with GRAVEL (GW); dark brown; 95% sand, fine to medium; 5% gravel, rounded, fine to medium; trace mica; wet.</i>											
																	41.0 to 46.2 feet: <i>SANDY SILTY GRAVEL (GM); dark grayish-brown; 30% fines; 10% sand; 60% gravel, subrounded; trace mica; wet.</i>											

NOTES: 1) bgs = below ground surface. 2) CB = Corebarrel. 3) GP = Geoprobe. 4) "S" in sample name indicates soil. 5) "W" in sample name indicates groundwater.

Depth (feet, BGS)	Well Details	Sample Data					Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Number	Name (Type)			
44									
45		100	CB						
46									
47								46.2 to 51.5 feet: SAND (SW); light brown; 100% sand, fine to coarse; trace mica; wet.	
48									
49									
50		100	CB						
51									
52								51.2 to 56.5 feet: SAND (SW); dark brown; 100% sand, medium to coarse; trace mica; wet.	
53									
54									
55	100	CB							
56									
57					B10-S-57.0 B10-W-57.0		56.5 to 58.0 feet: SANDY GRAVEL (GW); reddish-brown; 40% fines, fine to medium; 60% gravel; trace mica; wet.		
58									
59							58.0 to 69.5 feet: SILTY GRAVEL (GM); dark gray; 40% fines; 60% gravel, subrounded, compact; damp.		
60	100	CB							
61									
62									
63									
64									
65	100	CB					@ 65.0 feet: Dry.		

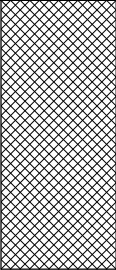

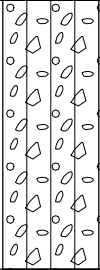
NOTES: 1) bgs = below ground surface. 2) CB = Corebarrel. 3) GP = Geoprobe. 4) "S" in sample name indicates soil. 5) "W" in sample name indicates groundwater.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
B10

Sheet
4 of 4

Depth (feet, BGS)	Well Details	Interval	Percent Recovery	Collection Method	Sample Data			Blows/6"	Lithologic Column	Soil Description
					Number	Name (Type)				
66										
67										
68										
69										

Total Depth: 69.5 feet below ground surface.

NOTES: 1) bgs = below ground surface. 2) CB = Corebarrel. 3) GP = Geoprobe. 4) "S" in sample name indicates soil. 5) "W" in sample name indicates groundwater.

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
B11

Sheet
1 of 5

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **3/25/2010 to 3/26/2010**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe/Sonic**
 Geologist/Engineer **Justin Pounds**
 Sample Method **6-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **100.0-feet**
 Outer Hole Diam **6-inch**

Depth (feet, BGS)	Well Details	Sample Data					Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Number	Name (Type)		
0								0 to 10.0 feet: Air knife, no lithologic description available.
5								
10								10.0 to 15.0 feet: SILTY SAND (SM); dark brown; 20% fines; 80% sand, fine to medium; trace mica; wet.
15								15.0 to 23.0 feet: CLAY (CL); light gray; 100% fines, subrounded to subangular; damp.
18								@ 18.0 feet: Color change to grayish-blue.

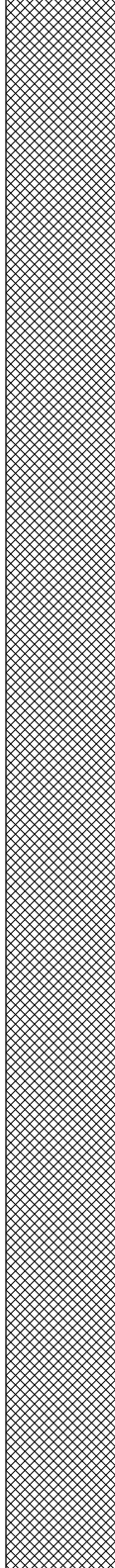
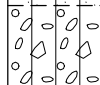
NOTES: 1) bgs = below ground surface. 2) CB = Corebarrel. 3) GP = Geoprobe. 4) "S" in sample name indicates soil. 5) "W" in sample name indicates groundwater.

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Depth (feet, BGS)	Well Details	Interval	Percent Recovery	Sample Data			Blows/6"	Lithologic Column	Soil Description									
				Collection Method	Number	Name (Type)												
21			100	CB														
22																		
23																		
24																		
25										100	CB							
26																		
27																		
28																		
29																		
30										100	CB							
31																		
32																		
33																		
34																		
35										100	CB							
36																		23.0 to 35.5 feet: CLAY (CL); brown; 100% fines, subrounded to subangular, high plasticity; dry.
37																		
38										100	CB							35.5 to 38.0 feet: SILTY CLAY (CL); brown; 100% fines.
39																		
40										100	CB							38.0 to 49.0 feet: SILT (ML); light brown; 95% fines; 5% sand; trace mica; dry.
41																		
42																		

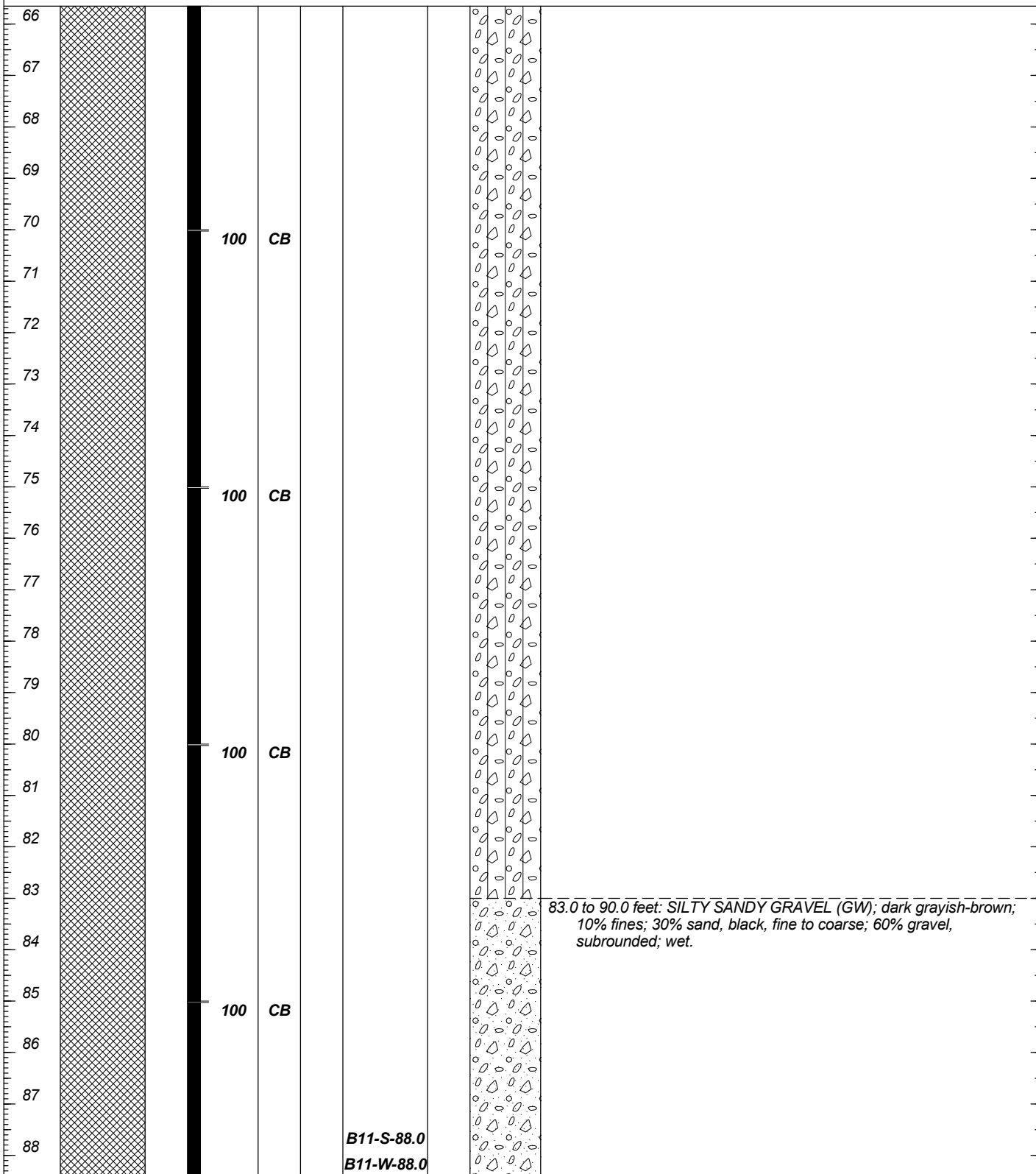
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NOTES: 1) bgs = below ground surface. 2) CB = Corebarrel. 3) GP = Geoprobe. 4) "S" in sample name indicates soil. 5) "W" in sample name indicates groundwater.

Depth (feet, BGS)	Well Details	Sample Data					Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Number	Name (Type)			
44									
45		100	CB						
46									
47									
48									
49									
50		100	CB					49.0 to 50.5 feet: SANDY SILT (ML); light brown; 60% fines; 40% sand; trace mica; dry.	
51									
52								50.5 to 64.5 feet: SILTY SAND (SM); light brown; 20% fines; 80% sand, fine to medium; trace mica; dry.	
53									
54									
55		100	CB						
56									
57									
58									
59									
60		100	CB						
61									
62									
63									
64									
65		100	CB					64.5 to 83.0 feet: SILTY GRAVEL (GM); light gray; 40% fines; 60% gravel, fine to coarse; trace fines powder-like; dry.	

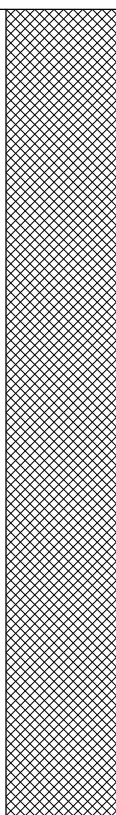

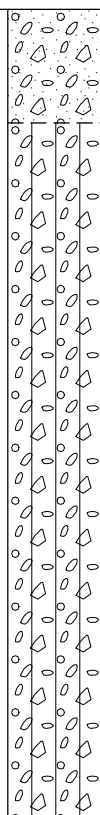
NOTES: 1) bgs = below ground surface. 2) CB = Corebarrel. 3) GP = Geoprobe. 4) "S" in sample name indicates soil. 5) "W" in sample name indicates groundwater.

Depth (feet, BGS)	Well Details	Sample Data						Soil Description
		Interval	Percent Recovery	Collection Method	Number	Name (Type)	Blows/6"	



NOTES: 1) bgs = below ground surface. 2) CB = Corebarrel. 3) GP = Geoprobe. 4) "S" in sample name indicates soil. 5) "W" in sample name indicates groundwater.

GBLWC WA:\GINT\GINT\PROJECTS\8006.31\8006.31 B5-B11 GP25-67 MW1-MW7.GPJ 2/10/17

Depth (feet, BGS)	Well Details	Sample Data					Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Number	Name (Type)			
89			100	CB					90.0 to 100.0 feet: SANDY SILTY GRAVEL (GM); light gray; 30% fines; 20% sand; 50% gravel, compact; damp.
90									
91									
92									
93									
94									
95			100	CB					
96									
97									
98									
99									
100									

Total Depth: 100.0 feet below ground surface.

NOTES: 1) bgs = below ground surface. 2) CB = Corebarrel. 3) GP = Geoprobe. 4) "S" in sample name indicates soil. 5) "W" in sample name indicates groundwater.

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
B5

Sheet
1 of 4

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **3/3/2010 to 3/3/2010**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe/Sonic**
 Geologist/Engineer **Justin Pounds**
 Sample Method **6-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **80.0-feet**
 Outer Hole Diam **6-inch**

Depth (feet, BGS)	Well Details	Sample Data					Lithologic Column	Soil Description	
		Interval	Percent Recovery	Collection Method	Number	Name (Type)			
1		80	GP			B5-S-0.5		0 to 1.0 feet: SANDY SILT (ML); dark brown; 80% fines; 20% sand; trace fine to medium gravel; damp.	
2								1.0 to 4.0 feet: SANDY SILT (ML); reddish-brown; 80% fines, low plasticity; 20% sand, fine to medium; moist.	
3									
4									
5								4.0 to 5.0 feet: No recovery.	
6			100	GP			B5-S-5.0		5.0 to 6.5 feet: SANDY SILT (ML); reddish-brown; 80% fines, low plasticity; 20% sand, fine to medium; trace mica; wet.
7									6.5 to 10.0 feet: SILTY SAND (SM); reddish-brown; 40% fines; 60% sand, fine to medium; trace mica; wet.
8									
9									
10			100	GP					10.0 to 13.0 feet: SILTY SAND (SM); light brownish-gray; 20% fines; 80% sand, fine to medium; trace mica; wet.
11									
12									
13							B5-S-12.5 B5-W-12.5		
14							B5-S-14.0		13.0 to 32.1 feet: CLAY (CL); light brown; 100% fines, soft, damp.
15			100	GP					
16									
17									
18									
19									
20									

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) "S" in sample name indicates soil. 4) "W" in sample name indicates groundwater.

Water level observed time of drilling.

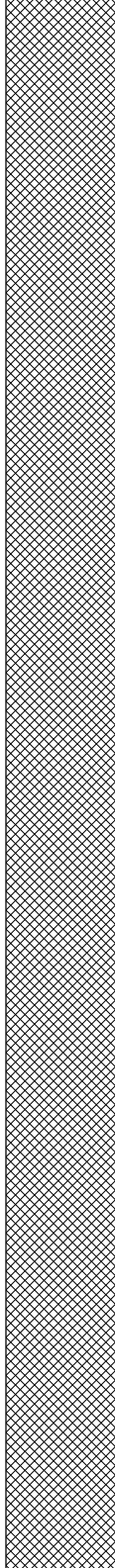
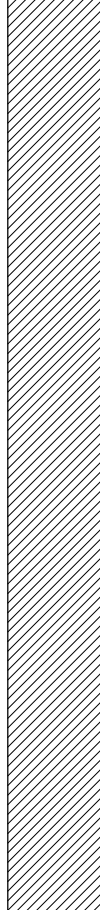
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Depth (feet, BGS)	Well Details	Interval	Percent Recovery	Sample Data			Blows/6"	Lithologic Column	Soil Description
				Collection Method	Number	Name (Type)			
21			100	GP					
22									
23									
24									
25			100	GP					
26									
27									
28									
29									
30			100	GP					
31									
32									
33								32.1 to 37.3 feet: SANDY SILT (ML); light brown; 80% fines, low plasticity; 20% sand, fine to medium; damp.	
34									
35			100	GP					
36									
37									
38								37.3 to 40.6 feet: SILTY SAND (SM); brownish-gray; 25% fines; 75% sand, fine to medium; mica; dry.	
39									
40						B5-S-39.0			
41			100	GP				40.6 to 56.0 feet: CLAY (CL); brownish-gray; 100% fines, low plasticity, hard; trace mica; dry.	
42									

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) "S" in sample name indicates soil. 4) "W" in sample name indicates groundwater.

 Water level observed time of drilling.

GBLWC: \\A\GINTG\INTW\PROJECTS\8006.31\8006.31.B5-B11.GP25-67.MW1-MW7.GPJ 2/10/17

Depth (feet, BGS)	Well Details	Sample Data						Soil Description
		Interval	Percent Recovery	Collection Method	Number	Name (Type)	Blows/6"	
44								
45		100	GP					
46								
47								
48								
49								
50		100	GP					
51								
52								
53								
54								
55		100	GP					
56								
57								56.0 to 62.0 feet: SILT (ML); dark gray; 100% fines, powder-like; dry.
58								
59								
60		100	GP					
61								
62								
63								62.0 to 80.0 feet: SILTY GRAVEL (GW-GM); dark gray; 30% fines; 10% sand; 60% gravel, medium, semi-rounded; dry.
64								
65		100	GP					

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) "S" in sample name indicates soil. 4) "W" in sample name indicates groundwater.

 **Water level observed time of drilling.**

Depth (feet, BGS)	Well Details	Sample Data						Soil Description
		Interval	Percent Recovery	Collection Method	Number	Name (Type)	Blows/6"	
66			100	GP				
67								
68								
69								
70								
71								
72								
73								
74								
75								
76								
77								
78								
79								
80								

Total Depth: 80.0 feet below ground surface.

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) "S" in sample name indicates soil. 4) "W" in sample name indicates groundwater.

Water level observed time of drilling.

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
B6

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **3/5/2010 to 3/5/2010**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe/Sonic**
 Geologist/Engineer **Justin Pounds**
 Sample Method **6-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **15.0-feet**
 Outer Hole Diam **6-inch**

Depth (feet, BGS)	Well Details	Sample Data				Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Name (Type)			
1		100	GP		B6-S-0.5		0 to 0.2 feet: ASPHALT (ASPHALT); black. 0.2 to 0.3 feet: SANDY GRAVEL (GW); gray. 0.3 to 0.5 feet: BRICK; reddish-black. 0.5 to 10.0 feet: SANDY SILT (ML); reddish-brown; 50% fines, low plasticity; 50% sand, fine to medium; wet.	
2								
3								
4								
5		100	GP		B6-S-5.0			
6								
7								
8	▽							
9								
10		100	GP					
11							10.0 to 13.0 feet: SILTY SAND (SM); dark reddish-brown; 20% fines; 80% sand; wet.	
12					B6-S-12.0 B6-W-12.0			
13							13.0 to 15.0 feet: SILTY CLAY (CL); light brown; 100% fines; bluish-gray at 14.0 feet bgs. @ 14.0 feet: Color change to bluish-gray.	
14								
15								

Total Depth: 15.0 feet below ground surface.

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) "S" in sample name indicates soil. 4) "W" in sample name indicates groundwater.

▽ Water level observed time of drilling.

GBLWC WA\GINTGINT\PROJECTS\8006.31\8006.31 B5-B11 GP25-67 MW1-MW7.GPJ 2/10/17

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
B7

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **3/3/2010 to 3/3/2010**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe/Sonic**
 Geologist/Engineer **Justin Pounds**
 Sample Method **6-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **17.0-feet**
 Outer Hole Diam **6-inch**

Depth (feet, BGS)	Well Details	Sample Data					Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Number	Name (Type)			
1		80	GP				0	0 to 0.4 feet: SANDY SILTY GRAVEL (GM); 30% fines; 20% sand, fine to medium; 50% gravel, fine to medium, subangular; fill; damp.	
2							0	0.4 to 4.0 feet: SANDY SILT (ML); dark reddish-brown; 60% fines, low plasticity; 40% sand, fine to medium; moist.	
3									
4									
5			100	GP					4.0 to 5.0 feet: No recovery.
6									5.0 to 10.0 feet: SILTY SAND (SM); dark reddish-brown; 40% fines; 60% sand, fine to medium; trace mica; moist.
7									
8									
9									
10			100	GP					10.0 to 14.5 feet: SILTY SAND (SM); grayish-brown; 15% fines; 85% sand, fine to medium; trace mica; wet.
11									
12									
13									
14									
15			100	GP		B7-S-14.0 B7-W-14.0			14.5 to 15.0 feet: CLAY (CL); light brown; 100% fines, fine to coarse; damp.
16						B7-S-15.5			15.0 to 17.0 feet: CLAY (CL); light brown; 100% fines; dry.
17									@ 16.0 feet: Color change to gray.

Total Depth: 17.0 feet below ground surface.

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) "S" in sample name indicates soil. 4) "W" in sample name indicates groundwater.

Water level observed time of drilling.

GBLWC: W:\GINTGINT\PROJECTS\8006.31\B5-B11\GP25-67\MW1-MW7.GPJ 2/10/17

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
B8

Sheet
1 of 4

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **3/5/2010 to 3/5/2010**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe/Sonic**
 Geologist/Engineer **Justin Pounds**
 Sample Method **6-inch core barrel**

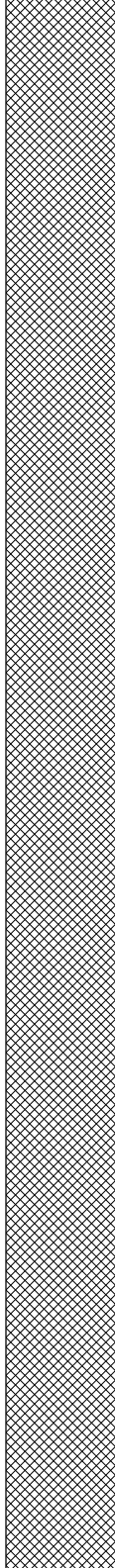

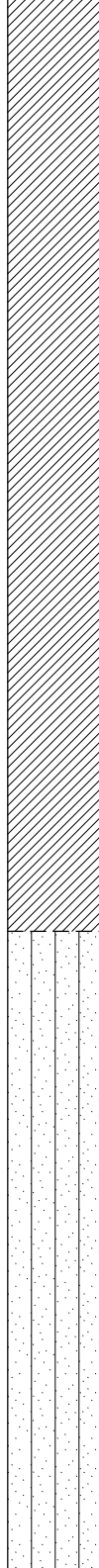
TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **80.0-feet**
 Outer Hole Diam **6-inch**

Depth (feet, BGS)	Well Details	Sample Data					Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Number	Name (Type)		
1		80	GP			B8-S-0.5		0 to 3.5 feet: SILT (ML); dark brown; 95% fines; 5% sand, organics; damp.
2								
3								
4								3.5 to 4.0 feet: SANDY SILT (ML); dark reddish-brown; 60% fines; 40% sand; damp.
5								4.0 to 5.0 feet: No recovery.
6			100	GP			B8-S-5.0	5.0 to 10.0 feet: SILTY SAND (SM); dark reddish-brown; 40% fines, low plasticity; 60% sand, fine to medium; trace mica; wet.
7								
8								
9								
10			100	GP				10.0 to 15.0 feet: SILTY SAND (SM); grayish-brown; 10% fines; 90% sand, fine to medium; trace mica; wet.
11								
12								@ 12.0 feet: Color change to bluish-green.
13								
14								
15			100	GP			B8-S-14.5 B8-W-14.5	15.0 to 20.0 feet: CLAY (CL); grayish-brown; 100% fines.
16								
17							B8-S-16.5	
18								
19								
20								

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) "S" in sample name indicates soil. 4) "W" in sample name indicates groundwater.

Water level observed time of drilling.

GBLWC: W:\GINT\GINT\PROJECTS\8006.31\8006.31\B5-B11\GP25-67\MW1-MW7.GPJ 2/10/17

Depth (feet, BGS)	Well Details	Interval	Percent Recovery	Sample Data			Blows/6"	Lithologic Column	Soil Description		
				Collection Method	Number	Name (Type)					
21			100	GP					@ 20.0 feet: Color change to dark brown with mica.		
22											
23											
24											
25					100	GP					
26											
27											
28											
29											
30					100	GP					
31											
32											
33											
34											
35					100	GP					
36											
37											
38											
39											
40					100	GP			B8-S-40.0		
41											
42											

33.7 to 55.0 feet: SILT with SAND (ML); dark brown; 80% fines; 20% sand; mica; dry.

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) "S" in sample name indicates soil. 4) "W" in sample name indicates groundwater.

 Water level observed time of drilling.

GBLWC: W:\GINT\GINT\PROJECTS\8006.31\8006.31.B5-B11.GP25-67.MW1-MW7.GPJ 2/10/17

Depth (feet, BGS)	Well Details	Sample Data					Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Number	Name (Type)			
44									
45		100	GP						
46									
47									
48									
49									
50		100	GP					@ 50.0 feet: Color change to light brown.	
51									
52									
53									
54									
55		100	GP					55.0 to 80.0 feet: SILTY GRAVEL (GM); white and gray; 40% fines; 60% gravel, semi-rounded to rounded; dry.	
56									
57									
58									
59									
60		100	GP						
61									
62									
63									
64									
65		100	GP						

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) "S" in sample name indicates soil. 4) "W" in sample name indicates groundwater.

Water level observed time of drilling.

Depth (feet, BGS)	Well Details	Sample Data					Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Number	Name (Type)			
66			100	GP					
67									
68									
69									
70									
71									
72									
73									
74									
75									
76									
77									
78									
79									
80									

Total Depth: 80.0 feet below ground surface.

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) "S" in sample name indicates soil. 4) "W" in sample name indicates groundwater.

Water level observed time of drilling.

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
B9

Sheet
1 of 5

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **3/18/2010 to 3/19/2010**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe/Sonic**
 Geologist/Engineer **Justin Pounds**
 Sample Method **6-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **94.0-feet**
 Outer Hole Diam **6-inch**

Depth (feet, BGS)	Well Details	Sample Data					Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Number	Name (Type)			
1		80	GP					0 to 0.2 feet: ASPHALT; black. 0.2 to 4.0 feet: SANDY SILT (ML); 70% fines; 30% sand.	
2									
3									
4								4.0 to 5.0 feet: No recovery.	
5		100	GP					5.0 to 15.0 feet: SILTY SAND (SM); dark reddish-brown; wet.	
6									
7									
8									
9									
10		100	GP						
11									
12									
13									
14									
15		100	GP					15.0 to 20.0 feet: SILTY SAND (SM); reddish-black; wet.	
16									
17									
18									
19									
20									

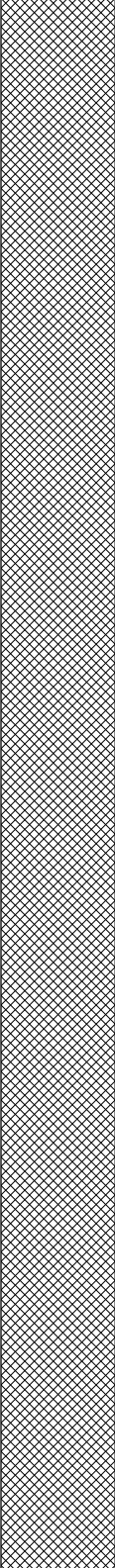
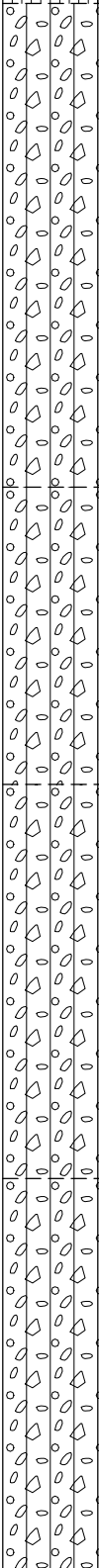
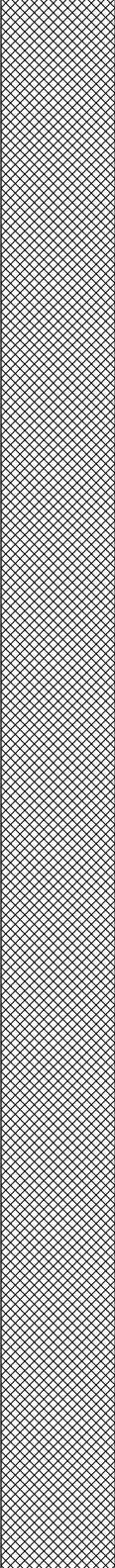
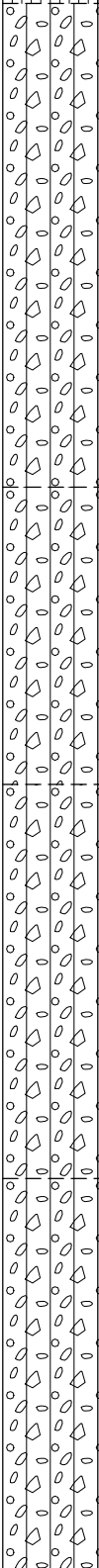
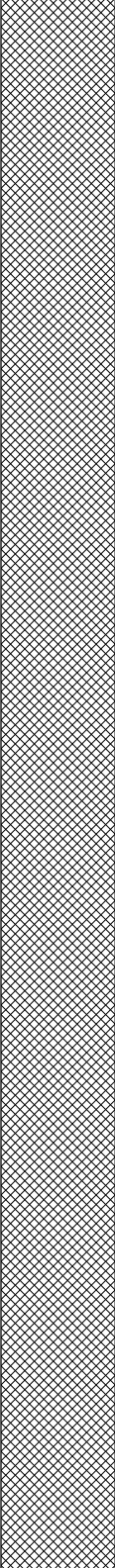
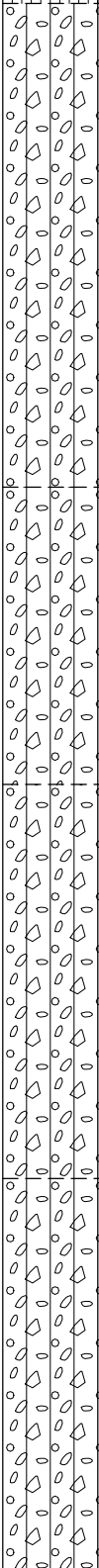
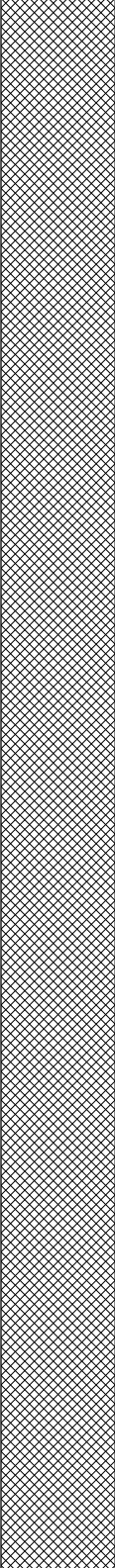
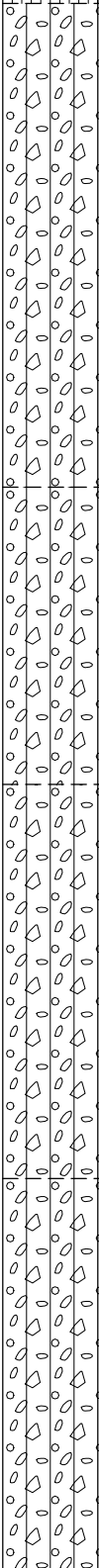
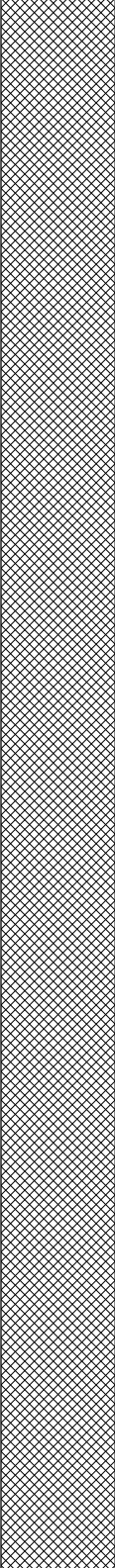
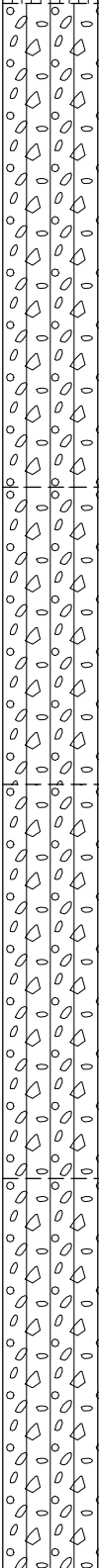
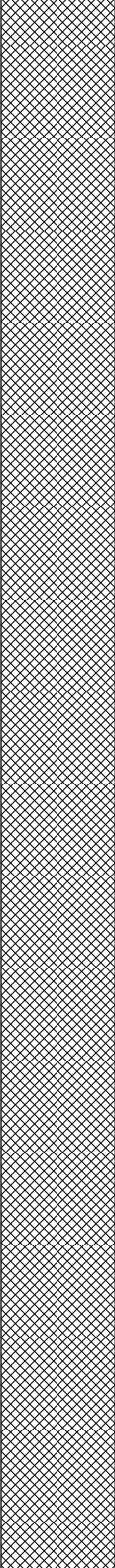
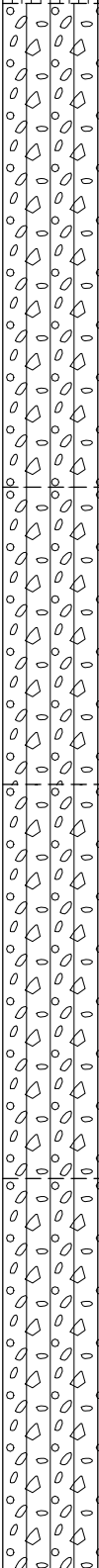
B9-S-19.0
B9-W-19.0

NOTES: 1) bgs = below ground surface. 2) CB = Corebarrel. 3) GP = Geoprobe. 4) "S" in sample name indicates soil. 5) "W" in sample name indicates groundwater.

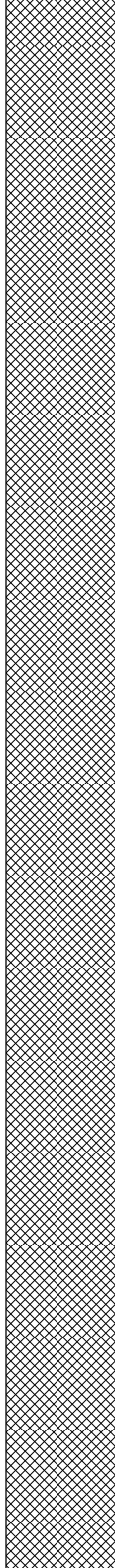
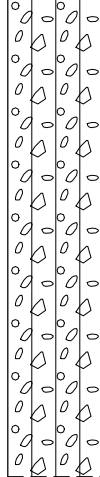
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Depth (feet, BGS)	Well Details	Interval	Percent Recovery	Sample Data			Blows/6"	Lithologic Column	Soil Description						
				Collection Method	Number	Name (Type)									
21			100	CB		B9-S-21.5		20.0 to 25.0 feet: CLAY (CL); grayish-blue; 100% fines,							
22								25.0 to 30.0 feet: CLAY (CL); grayish-blue; 100% fines, fine to coarse; trace mica with brown mottling; damp.							
23								30.0 to 41.0 feet: CLAY (CL); grayish-blue; 100% fines, fine to coarse; trace mica; brown at 35 feet below ground surface; dry.							
24								@ 35.0 feet: Color change to brown.							
25								41.0 to 43.0 feet: CLAYEY SILT (ML); light brown; 100% fines; trace mica; damp.							
26															
27															
28															
29															
30															
31															
32															
33															
34															
35															
36															
37															
38															
39															
40															
41															
42															
													B9-S-42.0		

NOTES: 1) bgs = below ground surface. 2) CB = Corebarrel. 3) GP = Geoprobe. 4) "S" in sample name indicates soil. 5) "W" in sample name indicates groundwater.

Depth (feet, BGS)	Well Details	Sample Data					Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Number	Name (Type)			
44								43.0 to 50.0 feet: SILTY GRAVEL (GM); light gray; 40% fines; 60% gravel, subrounded, fine to coarse; trace mica; dry.	
45		100	CB						
46									
47									
48								50.0 to 54.3 feet: SILTY GRAVEL (GM); light gray; 40% fines; 60% gravel, subrounded, fine to coarse; trace mica; dry.	
49		100	CB						
50									
51									
52								54.3 to 60.0 feet: SANDY SILTY GRAVEL (GM); light gray; 40% fines; 10% sand, fine to medium; 50% gravel, fine to coarse; trace mica; some fine powder created by drilling; dry.	
53		100	CB						
54									
55									
56								60.0 to 72.5 feet: SILTY GRAVEL (GM); light gray; 40% fines; 60% gravel, fine to coarse, subrounded; trace mica; dry.	
57		100	CB						
58									
59									
60									
61		100	CB						
62									
63									
64									
65		100	CB						

NOTES: 1) bgs = below ground surface. 2) CB = Corebarrel. 3) GP = Geoprobe. 4) "S" in sample name indicates soil. 5) "W" in sample name indicates groundwater.

Depth (feet, BGS)	Well Details	Sample Data					Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Number	Name (Type)			
66		100	CB						
67									
68									
69									
70									
71									
72									
73									72.5 to 80.0 feet: SANDY GRAVEL (SW); dark reddish-gray; 40% sand, fine to coarse; 60% gravel, rounded, fine to coarse; trace mica; wet.
74									
75									72.5 to 80.0 feet: SANDY GRAVEL (SW); dark reddish-gray; 40% sand, fine to coarse; 60% gravel, rounded, fine to coarse; trace mica; wet.
76	72.5 to 80.0 feet: SANDY GRAVEL (SW); dark reddish-gray; 40% sand, fine to coarse; 60% gravel, rounded, fine to coarse; trace mica; wet.								
77									
78									
79									
80	80.0 to 85.0 feet: SANDY GRAVEL (SW); 50% sand; 50% gravel; trace mica; wet.								
81	80.0 to 85.0 feet: SANDY GRAVEL (SW); 50% sand; 50% gravel; trace mica; wet.								
82									
83									
84									
85	85.0 to 87.5 feet: SAND (SW); 100% sand, fine to medium; trace mica; wet.								
86	85.0 to 87.5 feet: SAND (SW); 100% sand, fine to medium; trace mica; wet.								
87									
88	87.5 to 90.0 feet: SILTY SANDY GRAVEL (SW); dark gray; 20% fines; 40% sand, fine to coarse; 40% gravel, fine to coarse, rounded;								

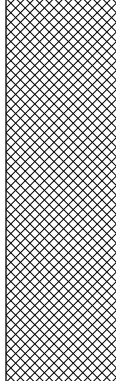
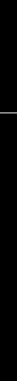
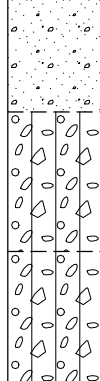
NOTES: 1) bgs = below ground surface. 2) CB = Corebarrel. 3) GP = Geoprobe. 4) "S" in sample name indicates soil. 5) "W" in sample name indicates groundwater.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
B9

Sheet
5 of 5

Depth (feet, BGS)	Well Details	Interval	Percent Recovery	Collection Method	Sample Data		Blows/6"	Lithologic Column	Soil Description	
					Number	Name (Type)				
89			100	CB					trace mica; cobbles; wet.	
90									B9-S-89.0 B9-W-89.0	90.0 to 92.0 feet: SILTY GRAVEL (GM); 50% fines, low plasticity; 50% gravel, subrounded, compact; damp.
91										
92										92.0 to 94.0 feet: SILTY GRAVEL (GM); 40% fines; 60% gravel, fine to coarse, subrounded; dry.
93										
94										

Total Depth: 94.0 feet below ground surface.

NOTES: 1) bgs = below ground surface. 2) CB = Corebarrel. 3) GP = Geoprobe. 4) "S" in sample name indicates soil. 5) "W" in sample name indicates groundwater.

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP24

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **3/9/2010 to 3/9/2010**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **15.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data				Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Number			
1		70	GP					0 to 0.2 feet: ASPHALT; black; dry.
2								0.2 to 1.0 feet: SILTY GRAVEL (GM); dark brown; 40% fines, fine to medium; 60% gravel, subangular; dry.
3								1.0 to 3.5 feet: SANDY SILT (ML); dark brown; 70% fines, medium plasticity; 30% sand, fine to medium; damp.
4								3.5 to 5.0 feet: No recovery.
5		100	GP					5.0 to 10.0 feet: SILTY SAND (SM); dark brown; 50% fines, medium plasticity; 50% sand, fine to medium; trace mica; wet.
6								
7								
8								
9								
10		100	GP					10.0 to 11.5 feet: SILTY SAND (SM); grayish-brown; 20% fines; 80% sand; trace mica; wet.
11								
12								11.5 to 15.0 feet: CLAY (CL); grayish-brown; 100% fines. @ 12.0 feet: Color change to grayish-blue.
13								
14								
15								

Total Depth: 15.0 feet below ground surface.

GP24-S-11.0
GP24-W-11.0

GBLWC: \\A\GINTGINT\PROJECTS\8006.31\8006.31 B5-B11 GP25-67 MW1-MW7.GPJ 2/10/17

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) "S" in sample name indicates soil. 4) "W" in sample name indicates groundwater.

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP25

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **3/4/2010 to 3/4/2010**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **15.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data				Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Number			
1		60	GP					0 to 0.2 feet: ASPHALT; black; dry.
2								0.2 to 0.4 feet: SILTY GRAVEL (GM); dark brown; 40% fines, fine to medium; 60% gravel, subangular; dry.
3								0.4 to 0.8 feet: SAND (SW); gray; 100% sand, fine to coarse; trace mica; dry.
4								0.8 to 3.0 feet: SANDY SILT (ML); dark brown; 70% fines, medium plasticity; 30% sand, fine to medium; damp.
5								3.0 to 5.0 feet: No recovery.
6			100	GP				5.0 to 10.0 feet: SILTY SAND (SM); dark brown; 50% fines, medium plasticity; 50% sand, fine to medium; trace mica; wet.
7								
8								
9								
10			100	GP				10.0 to 12.0 feet: SILTY SAND (SM); grayish-brown; 20% fines; 80% sand; trace mica; wet.
11								
12								12.0 to 15.0 feet: CLAY (CL); grayish-brown; 100% fines.
13								@ 12.5 feet: Color change to grayish-blue.
14								
15								

Total Depth: 15.0 feet below ground surface.

GP25-S-11.5
GP25-W-11.5

GBLWC: \\A:\GINT\GINT\PROJECTS\8006.31\8006.31\B5-B11\GP25-67\MW1-MMW7.GPJ 2/10/17

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) "S" in sample name indicates soil. 4) "W" in sample name indicates groundwater.

Water level observed time of drilling.

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP26

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **3/4/2010 to 3/4/2010**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **15.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data				Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Number			
1		60	GP					0 to 0.2 feet: ASPHALT; black; dry.
2								0.2 to 0.4 feet: SILTY GRAVEL (GM); dark brown; 40% fines; 60% gravel, subangular; dry.
3								0.4 to 0.8 feet: SAND (SW); gray; 100% sand, fine to coarse; trace mica; dry.
4								0.8 to 3.0 feet: SANDY SILT (ML); dark brown; 70% fines, medium plasticity; 30% sand, fine to medium; damp.
5								3.0 to 5.0 feet: No recovery.
6			100	GP				5.0 to 10.0 feet: SILTY SAND (SM); dark reddish-brown; 50% fines, medium plasticity; 50% sand, fine to medium; trace mica; wet.
7								
8								
9								
10			100	GP				10.0 to 11.5 feet: SILTY SAND (SM); grayish-brown; 20% fines; 80% sand; trace mica; wet.
11								
12								11.5 to 15.0 feet: CLAY (CL); grayish-brown; 100% fines; turning to grayish-blue at 12.5 feet.
13								
14								
15								

Total Depth: 15.0 feet below ground surface.

GP26-S-11.0
GP26-W-11.0

GBLWC: \\A\GINTGINT\PROJECTS\8006.31\8006.31 B5-B11 GP25-67 MW1-MW7.GPJ 2/10/17

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) "S" in sample name indicates soil. 4) "W" in sample name indicates groundwater.

Water level observed time of drilling.

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP27

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **3/4/2010 to 3/4/2010**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **15.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data				Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Number			
1		80	GP					0 to 0.2 feet: ASPHALT; black; dry.
2								0.2 to 0.7 feet: SANDY SILT (ML); brown; 80% fines, medium plasticity; 20% sand; dry.
3								0.7 to 0.8 feet: SAND (SW); gray; 100% sand, fine to coarse; damp.
4								0.8 to 4.0 feet: SANDY SILT (ML); reddish-brown; 70% fines, medium plasticity; 30% sand, fine to medium; trace mica; damp.
5								4.0 to 5.0 feet: No recovery.
6			100	GP				5.0 to 10.0 feet: SILTY SAND (SM); 30% fines; 70% sand, fine to medium; trace mica; damp.
7								@ 6.0 feet: Wet.
8								
9								
10			100	GP				10.0 to 13.0 feet: SILTY SAND (SM); 20% fines; 80% sand, fine to medium; trace mica; wet.
11								
12								
13								
14								
15								

Total Depth: 15.0 feet below ground surface.

GP27-S-12.5
 GP27-W-12.5

GBLWC: \\A\GINTG\INTWP\PROJECTS\8006.31\8006.31\B5-B11\GP25-67\MW1-MW7.GPJ 2/10/17

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) "S" in sample name indicates soil. 4) "W" in sample name indicates groundwater.

Water level observed time of drilling.

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP28

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **3/4/2010 to 3/4/2010**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **15.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data				Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Number			
1		50	GP					0 to 0.2 feet: ASPHALT; black; dry.
2								0.2 to 0.4 feet: SANDY GRAVEL (GW); dark gray; 40% sand, fine to coarse; 60% gravel, subangular, fine to coarse; dry.
3								0.4 to 2.5 feet: SANDY SILT (ML); dark reddish-brown; 60% fines, low plasticity; 40% sand; damp.
4								2.5 to 5.0 feet: No recovery.
5			100	GP				5.0 to 7.0 feet: SANDY SILT (ML); dark reddish-brown; 60% fines, low plasticity; 40% sand; wet.
6								7.0 to 10.0 feet: SANDY SILT (ML); 60% fines, low plasticity; 40% sand; damp.
7								
8								
9								
10			100	GP				10.0 to 14.5 feet: SILTY SAND (SM); 20% fines; 80% sand, fine to medium; wet.
11								
12								
13								
14								
15								14.5 to 15.0 feet: CLAY (CL); light brown; 100% fines; damp.

GP28-S-14.0
GP28-W-14.0

Total Depth: 15.0 feet below ground surface.

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) "S" in sample name indicates soil. 4) "W" in sample name indicates groundwater.

Water level observed time of drilling.

GBLWC WA\GINTGINT\PROJECTS\8006.31\8006.31 B5-B11 GP25-67 MW1-MW7.GPJ 2/10/17

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP29

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **3/8/2010 to 3/8/2010**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **15.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data				Blows/6"	Lithologic Column	Soil Description	
		Interval	Percent Recovery	Collection Method	Number				
1		84		GP				0 to 0.3 feet: ASPHALT; black; dry.	
2								0.3 to 0.8 feet: SILTY GRAVEL (GM); dark brown; 40% fines, fine to medium; 60% gravel, subangular; dry.	
3								1.0 to 4.2 feet: SANDY SILT (ML); dark brown; 70% fines, medium plasticity; 30% sand, fine to medium; damp.	
4									
5								4.2 to 5.0 feet: No recovery.	
6			100		GP				5.0 to 10.0 feet: SILTY SAND (SM); dark brown; 50% fines, medium plasticity; 50% sand, fine to medium; trace mica; wet.
7									
8									
9									
10									10.0 to 11.5 feet: SILTY SAND (SM); grayish-brown; 20% fines; 80% sand, trace mica; wet.
11			100		GP				
12									11.5 to 15.0 feet: CLAY (CL); grayish-brown; 100% fines.
13									@ 12.0 feet: Color change to grayish-blue.
14									
15									

Total Depth: 15.0 feet below ground surface.

GP29-S-12.0
GP29-W-12.0

GBLWC: W:\GINTGINT\PROJECTS\8006.31\8006.31 B5-B11 GP25-67 MW1-MW7.GPJ 2/10/17

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) "S" in sample name indicates soil. 4) "W" in sample name indicates groundwater.

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP30

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **3/4/2010 to 3/4/2010**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **15.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data				Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Name (Type)			
1		80	GP	GP30-S-0.5			0 to 0.2 feet: ASPHALT (ASPHALT); black; damp.	
2							0.2 to 0.4 feet: SANDY GRAVEL (GW); dark gray; 30% sand; 70% gravel, medium to coarse; damp.	
3							0.4 to 4.0 feet: SANDY SILT (ML); reddish-brown; 70% fines, low plasticity; 30% sand, fine to medium; trace mica; damp.	
4							4.0 to 5.0 feet: No recovery.	
5							5.0 to 10.0 feet: SILTY SAND (SM); dark reddish-brown; 40% fines; 60% sand, fine to medium; wet.	
6								
7								
8								
9								
10							10.0 to 12.5 feet: SILTY SAND (SM); 20% fines; 80% sand, fine to medium; trace mica; wet.	
11								
12							GP30-S-12.0	
13							12.5 to 15.0 feet: CLAY (CL); grayish-brown; 100% fines. @ 13.0 feet: Color change to light blue.	
14								
15								

Total Depth: 15.0 feet below ground surface.

NOTES: 1)bgs = below ground surface. 2) GP = Geoprobe. 3) "S" in sample name indicates soil.

GBLWC WA\GINTGINT\PROJECTS\8006.31\8006.31 B5-B11 GP25-67 MW1-MW7.GPJ 2/10/17

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP31

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **3/4/2010 to 3/4/2010**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **15.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data					Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Number	Name (Type)			
1		80	GP					0 to 0.2 feet: ASPHALT; black.	
2								0.2 to 0.4 feet: SANDY GRAVEL (GW); dark gray; 30% sand; 70% gravel, medium to coarse; damp.	
3								0.4 to 4.0 feet: SANDY SILT (ML); reddish-brown; 70% fines, low plasticity; 30% sand, fine to medium; trace mica; damp.	
4									
5			100	GP				4.0 to 5.0 feet: No recovery.	
6								5.0 to 10.0 feet: SILTY SAND (SM); dark reddish-brown; 40% fines; 60% sand, fine to medium; wet.	
7									
8									
9									
10			100	GP				10.0 to 12.5 feet: SILTY SAND (SM); 20% fines; 80% sand, fine to medium; trace mica; wet.	
11									
12									
13								12.5 to 15.0 feet: CLAY (CL); grayish-brown; 100% fines. @ 13.0 feet: Color change to light blue.	
14									
15									

Total Depth: 15.0 feet below ground surface.

NOTES: 1)bgs = below ground surface. 2) GP = Geoprobe.

Water level observed time of drilling.

GBLWC WA\GINTGINTW\PROJECTS\8006.31\8006.31 B5-B11 GP25-67 MW1-MW7.GPJ 2/10/17

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP32

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **3/5/2010 to 3/5/2010**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **15.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data				Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Name (Type)			
1		100	GP		GP32-S-0.5		0 to 0.2 feet: ASPHALT; black.	
2							0.2 to 0.3 feet: SANDY GRAVEL (GW); gray.	
3							0.3 to 0.5 feet: BRICK; reddish-black.	
4							0.5 to 10.0 feet: SANDY SILT (ML); reddish-brown; 50% fines, low plasticity; 50% sand, fine to medium; wet.	
5		100	GP		GP32-S-5.0			
6								
7								
8								
9								
10			100	GP		GP32-S-12.0 GP32-W-12.0		10.0 to 13.0 feet: SILTY SAND (SM); dark reddish-brown; 20% fines; 80% sand; wet.
11								
12								
13								
14								
15								13.0 to 15.0 feet: SILTY CLAY (CL); light brown; 100% fines; bluish-gray at 14.0 feet below ground surface. @ 14.0 feet: Color change to bluish-gray.

Total Depth: 15.0 feet below ground surface.

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) "S" in sample name indicates soil. 4) "W" in sample name indicates groundwater.

GBLWC: W:\GINTGINT\PROJECTS\8006.31\8006.31 B5-B11 GP25-67 MW1-MW7.GPJ 2/10/17

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP33

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **3/5/2010 to 3/5/2010**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **15.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data					Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Number	Name (Type)			
1		100	GP			GP33-S-0.5		0 to 0.2 feet: ASPHALT; black. 0.2 to 0.4 feet: SANDY GRAVEL; gray. 0.4 to 10.0 feet: SANDY SILT (ML); reddish-brown; 50% fines, low plasticity; 50% sand, fine to medium; trace mica; wet.	
2									
3									
4									
5			100	GP			GP33-S-5.0		
6									
7									
8									
9									
10			100	GP					
11								10.0 to 13.0 feet: SILTY SAND (SM); dark reddish-brown; 20% fines; 80% sand; wet.	
12							GP33-S-12.0 GP33-W-12.0		
13								13.0 to 15.0 feet: CLAY (CL); light brown; 100% fines.	
14								@ 14.0 feet: Color change to bluish-gray.	
15									

Total Depth: 15.0 feet below ground surface.

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) "S" in sample name indicates soil. 4) "W" in sample name indicates groundwater.

GBLWC WA\GINTGINT\PROJECTS\8006.31\8006.31 B5-B11 GP25-67 MW1-MW7.GPJ 2/10/17

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP34

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **3/5/2010 to 3/5/2010**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **15.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data				Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Number			
1		60	GP					0 to 0.2 feet: ASPHALT; black.
2								0.2 to 0.4 feet: SANDY GRAVEL (GW); gray; 40% sand, fine to medium; 60% gravel, fine to medium, subangular.
3								0.4 to 3.0 feet: SANDY SILT (ML); dark reddish-brown; 70% fines; 30% sand.
4								3.0 to 5.0 feet: No recovery.
5			100	GP				5.0 to 6.0 feet: SANDY SILT (ML); dark reddish-brown; 50% fines; 50% sand; trace mica.
6								6.0 to 10.0 feet: SILTY SAND (SM); dark reddish-brown; 30% fines; 70% sand, fine to medium; wet.
7								
8								
9								
10			100	GP				10.0 to 13.0 feet: SILTY SAND (SM); grayish-brown; 20% fines; 80% sand, fine to medium; wet.
11								
12								
13								13.0 to 15.0 feet: CLAY (CL); light brown; 100% fines; damp.
14								
15								

Total Depth: 15.0 feet below ground surface.

NOTES: 1)bgs = below ground surface. 2) GP = Geoprobe.

Water level observed time of drilling.

GBLWC WA\GINTGINT\PROJECTS\8006.31\8006.31 B5-B11 GP25-67 MW1-MM7.GPJ 2/10/17

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP35

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **3/4/2010 to 3/4/2010**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **15.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data				Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Number			
1		50	GP				0 to 0.2 feet: ASPHALT; black; dry.	
2							0.2 to 0.4 feet: SANDY GRAVEL (GW); dark gray; 40% sand, fine to medium; 60% gravel, subangular, fine to coarse; dry.	
3							0.4 to 2.5 feet: SANDY SILT (ML); dark reddish-brown; 60% fines, low plasticity; 40% sand; damp.	
4							2.5 to 5.0 feet: No recovery.	
5		100	GP				5.0 to 7.0 feet: SANDY SILT (ML); 60% fines, low plasticity; 40% sand; wet.	
6							7.0 to 10.0 feet: SANDY SILT (ML); 60% fines, low plasticity; 40% sand; damp.	
7								
8								
9								
10		90	GP				10.0 to 14.5 feet: SILTY SAND (SM); 20% fines; 80% sand, fine to medium; wet.	
11								
12								
13								
14								
15							14.5 to 15.0 feet: No Recovery.	

Total Depth: 15.0 feet below ground surface.

GP35-S-14.0
GP35-W-14.0

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) "S" in sample name indicates soil. 4) "W" in sample name indicates groundwater.

Water level observed time of drilling.

GBLWC: \\A:\GINT\GINT\PROJECTS\8006.31\B5-B11\GP25-67\MW1-MW7.GPJ 2/10/17

Geologic Borehole Log/Well Construction

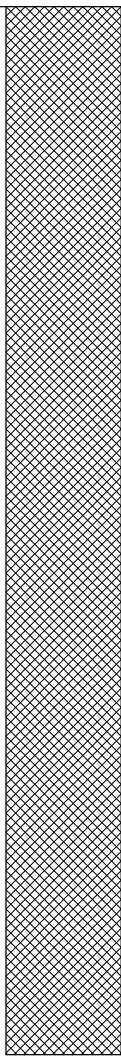

Project Number
8006.31.01

Well Number
GP36

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **3/8/2010 to 3/8/2010**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **15.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Interval	Percent Recovery	Sample Data				Blows/6"	Lithologic Column	Soil Description
				Collection Method	Number	Name (Type)				
1									0 to 15.0 feet: Not logged.	
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										

Total Depth: 15.0 feet below ground surface.

GP36-S-12.5
GP36-W-12.5

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) "S" in sample name indicates soil. 4) "W" in sample name indicates groundwater.

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP37

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **3/5/2010 to 3/5/2010**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **15.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data				Blows/6"	Lithologic Column	Soil Description	
		Interval	Percent Recovery	Collection Method	Number				
1		60	GP					0 to 0.2 feet: ASPHALT; black. 0.2 to 0.3 feet: SANDY GRAVEL (GW); gray. 0.3 to 0.5 feet: BRICK; reddish-black. 0.5 to 3.0 feet: SILT (ML); dark reddish-brown; 70% fines; 30% sand.	
2									
3									
4									
5			100	GP					3.0 to 5.0 feet: No Recovery.
6									
7									
8									
9									
10			100	GP					5.0 to 10.0 feet: SANDY SILT (ML); reddish-brown; 50% fines, low plasticity; 50% sand, fine to medium; trace mica; wet.
11									
12									
13									10.0 to 13.0 feet: SILTY SAND (SM); dark reddish-brown; 20% fines; 80% sand; wet.
14									13.0 to 15.0 feet: CLAY (CL); light brown; 100% fines. @ 14.0 feet: Color change to bluish-gray.
15									

Total Depth: 15.0 feet below ground surface.

GBLWC: W:\GINTGINT\PROJECTS\8006.31\8006.31 B5-B11 GP25-67 MW1-MW7.GPJ 2/10/17

NOTES: 1)bgs = below ground surface. 2) GP = Geoprobe. 3) "S" in sample name indicates soil.

Water level observed time of drilling.

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP38

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **3/5/2010 to 3/5/2010**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **15.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data				Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Number			
1		10	GP				0 to 0.2 feet: ASPHALT; black. 0.2 to 0.3 feet: SANDY GRAVEL; gray. 0.3 to 0.4 feet: BRICK; reddish-black. 0.4 to 5.0 feet: No recovery.	
2								
3								
4								
5			100	GP				5.0 to 10.0 feet: SANDY SILT (ML); reddish-brown; 50% fines, low plasticity; 50% sand, fine to medium; trace mica; wet.
6								
7								
8								
9								
10			100	GP				10.0 to 13.0 feet: SILTY SAND (SM); dark reddish-brown; 20% fines; 80% sand; wet.
11								
12								
13								
14								13.0 to 15.0 feet: CLAY (CL); light brown; 100% fines. @ 14.0 feet: Color change to bluish-gray.
15								

GP38-S-0.5

GP38-S-12.0
GP38-W-12.0

Total Depth: 15.0 feet below ground surface.

GBLWC: W:\GINTGINT\PROJECTS\8006.31\8006.31 B5-B11 GP25-67 MW1-MW7.GPJ 2/10/17

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) "S" in sample name indicates soil. 4) "W" in sample name indicates groundwater.

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP39

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **3/8/2010 to 3/8/2010**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **15.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data				Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Number			
1		8	GP	GP39-S-0.5			0 to 0.2 feet: ASPHALT; black.	
2							0.2 to 0.3 feet: SANDY GRAVEL (GW); gray.	
3							0.3 to 0.4 feet: BRICK; reddish-black.	
4							0.4 to 5.0 feet: No recovery.	
5		100	GP	GP39-S-5.0			5.0 to 10.0 feet: SANDY SILT (ML); reddish-brown; 50% fines, low plasticity; 50% sand, fine to medium; trace mica; wet.	
6								
7								
8								
9								
10		100	GP				10.0 to 13.0 feet: SILTY SAND (SM); dark reddish-brown; 20% fines; 80% sand; wet.	
11								
12				GP39-S-12.0				
13				GP39-W-12.0				
14							13.0 to 15.0 feet: CLAY (CL); light brown; 100% fines.	
15							@ 14.0 feet: Color change to bluish-gray.	

Total Depth: 15.0 feet below ground surface.

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) "S" in sample name indicates soil. 4) "W" in sample name indicates groundwater.

Water level observed time of drilling.

GBLWC: W:\GINTGINT\PROJECTS\8006.31\8006.31 B5-B11 GP25-67 MW1-MW7.GPJ 2/10/17

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP40

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **3/1/2010 to 3/1/2010**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **15.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data					Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Number	Name (Type)			
1		90	GP			GP40-S-0.5		0 to 2.3 feet: SANDY SILT (ML); dark brown; 80% fines, medium plasticity; 20% sand, fine; damp.	
2									
3								2.3 to 4.0 feet: SANDY SILT (ML); dark brown with gray mottling; 80% fines, medium plasticity; 20% sand, fine; damp.	
4								4.0 to 5.0 feet: No recovery.	
5		100	GP			GP40-S-5.0		5.0 to 10.0 feet: SILTY SAND (SM); dark grayish-brown; 40% fines, medium plasticity; 60% sand, fine to medium; trace mica; moist.	
6									
7									
8									
9									
10		100	GP					10.0 to 12.5 feet: SILTY SAND (SM); dark brown; fine to medium; trace mica; wet.	
11									
12							GP40-S-11.5 GP40-W-11.5		
13								12.5 to 14.0 feet: CLAY (CL); grayish-brown; 100% fines, damp.	
14								14.0 to 15.0 feet: CLAY (CL); blue; 100% fines, dry.	
15									

Total Depth: 15.0 feet below ground surface.

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) "S" in sample name indicates soil. 4) "W" in sample name indicates groundwater.

Water level observed time of drilling.

GBLWC WA\GINTGINT\PROJECTS\8006.31\8006.31 B5-B11 GP25-67 MW1-MM7.GPJ 2/10/17

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP41

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **3/1/2010 to 3/1/2010**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **15.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data			Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method			
1		76	GP	GP41-S-0.5	0		0 to 0.5 feet: SILTY SANDY GRAVEL (GW); dark brown; 20% fines; 30% sand, fine to medium; 50% gravel, subangular; trace woody debris; damp.
2							0.5 to 3.2 feet: SANDY SILT (ML); dark brown; 75% fines, low plasticity; 25% sand; damp.
3							3.2 to 3.8 feet: SILTY SAND (SM); reddish-brown; 40% fines; 60% sand; damp.
4							3.8 to 5.0 feet: No recovery.
5		100	GP	GP41-S-5.0	0		5.0 to 6.8 feet: SILTY SAND (SM); dark reddish-brown; 30% fines; 70% sand, fine to medium; trace mica; wet.
6							6.8 to 7.1 feet: SILTY SAND (SM); gray; 20% fines; 80% sand, fine to medium; trace mica; wet.
7							7.1 to 10.0 feet: SILTY SAND (SM); dark reddish-brown; 20% fines; 80% sand, fine to medium; trace mica; wet.
8							
9							
10		100	GP	GP41-S-12.5 GP41-W-12.5	0		10.0 to 13.0 feet: SILTY SAND (SM); dark brown; 20% fines; 80% sand; trace mica; wet.
11							13.0 to 14.0 feet: CLAY (CL); light brown; 100% fines, medium plasticity; damp.
12							14.0 to 15.0 feet: CLAY (CL); grayish-blue; 100% fines, fine to coarse; dry.
13							
14							
15							

Total Depth: 15.0 feet below ground surface.

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) "S" in sample name indicates soil. 4) "W" in sample name indicates groundwater.

Water level observed time of drilling.

GBLWC: W:\GINTGINT\PROJECTS\8006.31\8006.31 B5-B11 GP25-67 MW1-MW7.GPJ 2/10/17

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP42

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **3/1/2010 to 3/1/2010**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **15.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data				Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Name (Type)			
1		76	GP		GP42-S-0.5		0 to 0.5 feet: SILTY SANDY GRAVEL (GW); dark brown; 20% fines; 30% sand, fine to medium; 50% gravel, subangular; trace woody debris; damp.	
2							0.5 to 3.2 feet: SANDY SILT (ML); dark brown; 75% fines, low plasticity; 25% sand; damp.	
3								
4							3.2 to 3.8 feet: SILTY SAND (SM); reddish-brown; 50% fines; 50% sand; damp.	
5		100	GP		GP42-S-5.0		3.8 to 5.0 feet: No recovery.	
6							5.0 to 6.8 feet: SILTY SAND (SM); dark reddish-brown; 30% fines; 70% sand, fine to medium; trace mica; wet.	
7							6.8 to 7.1 feet: SILTY SAND (SM); gray; 20% fines; 80% sand, fine to medium; trace mica; wet.	
8							7.1 to 10.0 feet: SILTY SAND (SM); dark reddish-brown; 20% fines; 80% sand, fine to medium; trace mica; wet.	
9								
10		100	GP		GP42-S-12.5 GP42-W-12.5		10.0 to 13.0 feet: SILTY SAND (SM); dark brown; 20% fines; 80% sand; wet.	
11								
12								
13							13.0 to 14.0 feet: CLAY (CL); light gray; 100% fines, medium plasticity; trace mica; damp.	
14							14.0 to 15.0 feet: CLAY (CL); gray; 100% fines, fine to coarse; dry.	
15								

Total Depth: 15.0 feet below ground surface.

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) "S" in sample name indicates soil. 4) "W" in sample name indicates groundwater.

G:\BLWC\W\GINTGINT\PROJECTS\8006.31\8006.31 B5-B11 GP25-67 MW1-MW7.GPJ 2/10/17

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP43

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **3/8/2010 to 3/8/2010**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **15.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data				Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Name (Type)			
1		60	GP	GP43-S-0.5			0 to 1.0 feet: SILTY SANDY GRAVEL (GW); dark brown; 15% fines; 25% sand, fine to medium; 60% gravel, fine to coarse, subangular; damp.	
2							1.0 to 3.0 feet: SANDY SILT (ML); dark reddish-brown; 70% fines, medium plasticity; 30% sand, fine to medium; damp.	
3							3.0 to 5.0 feet: No recovery.	
4		100	GP	GP43-S-5.0			5.0 to 7.4 feet: SANDY SILT (ML); very dark brown; 75% fines; 25% sand, fine to medium; damp.	
5							7.4 to 10.0 feet: SILTY SAND (SM); gray; 20% fines; 80% sand, fine to medium.	
6							10.0 to 12.8 feet: SILTY SAND (SM); very dark brown; 10% fines; 90% sand, fine to medium; wet.	
7		100	GP	GP43-S-12.5 GP43-W-12.5			12.5 to 13.8 feet: CLAY (CL); light brown; 100% fines, fine to coarse; damp.	
8							13.8 to 15.0 feet: CLAY (CL); grayish-blue; 100% fines, very soft; dry.	
9								
10								
11								
12								
13								
14								
15								

Total Depth: 15.0 feet below ground surface.

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) "S" in sample name indicates soil. 4) "W" in sample name indicates groundwater.

Water level observed time of drilling.

GBLWC: \\A\GINTG\INTWP\PROJECTS\8006.31\8006.31\B5-B11\GP25-67\MW1-MW7.GPJ 2/10/17

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP44

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **3/1/2010 to 3/1/2010**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **15.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data				Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Name (Type)			
1		80	GP	GP44-S-0.5			0 to 1.0 feet: SANDY GRAVEL (GW); dark gray; 40% sand, fine to coarse; 60% gravel, angular, medium to coarse; fill; damp.	
2							1.0 to 4.0 feet: SANDY SILT (ML); reddish-brown; 70% fines, medium plasticity; 30% sand, fine, with gray mottling; damp.	
3		100	GP	GP44-S-5.0			4.0 to 5.0 feet: No recovery.	
4							5.0 to 5.5 feet: SANDY SILT (ML); dark reddish-brown; 70% fines, medium plasticity; 30% sand, fine, with gray mottling; damp.	
5							5.5 to 10.0 feet: SILTY SAND (SM); dark reddish-brown; 40% fines, medium plasticity; 60% sand, fine to medium; trace mica; damp.	
6		100	GP	GP44-S-13.0			10.0 to 13.3 feet: SILTY SAND (SM); brown; 20% fines; 80% sand; trace mica; wet.	
7							13.3 to 14.3 feet: CLAY (CL); light brown; 100% fines; soft; damp.	
8								14.3 to 15.0 feet: CLAY (CL); grayish-blue; 100% fines, fine to coarse; dry.
9								
10								
11								
12								
13								
14								
15								

Total Depth: 15.0 feet below ground surface.

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) "S" in sample name indicates soil. 4) "W" in sample name indicates groundwater.

Water level observed time of drilling.

GBLWC: \\GINTG\INTWP\PROJECTS\8006.31\B5-B11\GP25-67\MW1-MW7.GPJ 2/10/17

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP45

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **3/1/2010 to 3/1/2010**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **15.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data				Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Name (Type)			
1		50	GP		GP45-S-0.5		0 to 1.0 feet: SANDY SILTY GRAVEL (GM); dark brown; 20% fines; 10% sand, fine to medium; 70% gravel, subangular; damp.	
2							1.0 to 2.5 feet: SANDY SILT (ML); reddish-brown; 70% fines, medium plasticity; 30% sand, fine to medium; damp.	
3							2.5 to 5.0 feet: No recovery.	
4								
5		80	GP		GP45-S-5.0		5.0 to 9.0 feet: SILTY SAND (SM); grayish-brown; 50% fines; 50% sand, fine to medium; trace mica; wet.	
6								
7							9.0 to 10.0 feet: No recovery.	
8								
9								
10		100	GP		GP45-S-12.5 GP45-W-12.5		10.0 to 13.2 feet: SILTY SAND; reddish-brown; 30% fines; 70% sand, fine to medium; trace mica; wet.	
11								
12							13.2 to 14.5 feet: CLAY (CL); light brown; 100% fines; damp.	
13								
14								
15							14.5 to 15.0 feet: CLAY (CL); grayish-blue; 100% fines; dry.	

Total Depth: 15.0 feet below ground surface.

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) "S" in sample name indicates soil. 4) "W" in sample name indicates groundwater.

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP46

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **3/1/2010 to 3/1/2010**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **15.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data				Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Name (Type)			
1		50	GP	GP46-S-0.5			0 to 1.0 feet: SANDY SILTY GRAVEL (GM); dark brown; 20% fines; 10% sand, fine to medium; 70% gravel, subangular; damp.	
2							1.0 to 2.5 feet: SANDY SILT (ML); reddish-brown; 70% fines, medium plasticity; 30% sand, fine to medium; damp.	
3							2.5 to 5.0 feet: No recovery.	
4		80	GP	GP46-S-5.0			5.0 to 9.0 feet: SILTY SAND (SM); grayish-brown; 50% fines; 50% sand, fine to medium; trace mica; wet.	
6							9.0 to 10.0 feet: No recovery.	
7							10.0 to 12.3 feet: SILTY SAND (SM); 25% fines; 75% sand, fine to medium; trace mica; wet.	
8		100	GP	GP46-S-12.0 GP46-W-12.0			12.3 to 13.3 feet: CLAY; reddish-brown; 100% fines, fine to coarse; damp.	
9							13.3 to 15.0 feet: CLAY (CL); grayish-blue; 100% fines, fine to coarse; dry.	
10							Total Depth: 15.0 feet below ground surface.	

GBLWC: \\A\GINTGINT\PROJECTS\8006.31\8006.31\B5-B11\GP25-67\MW1-MMW7.GPJ 2/10/17

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) "S" in sample name indicates soil. 4) "W" in sample name indicates groundwater.

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP47

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **3/2/2010 to 3/2/2010**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **15.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data				Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Name (Type)			
1		50	GP	GP47-S-0.5			0 to 1.0 feet: SANDY SILTY GRAVEL (GM); dark brown; 20% fines; 10% sand, fine to medium; 70% gravel, subangular; damp.	
2							1.0 to 2.5 feet: SANDY SILT (ML); reddish-brown; 70% fines, medium plasticity; 30% sand, fine to medium; damp.	
3							2.5 to 5.0 feet: No recovery.	
4		80	GP	GP47-S-5.0			5.0 to 9.0 feet: SILTY SAND (SM); grayish-brown; 50% fines; 50% sand, fine to medium; mica; wet.	
6							9.0 to 10.0 feet: No recovery.	
7							10.0 to 13.2 feet: SILTY SAND (SM); reddish-brown; 30% fines; 70% sand, fine to medium; wet.	
8		100	GP	GP47-S-12.0 GP47-W-12.0			13.2 to 14.5 feet: CLAY (CL); light brown; 100% fines; damp.	
9							14.5 to 15.0 feet: CLAY (CL); grayish-blue; 100% fines; dry.	
10							Total Depth: 15.0 feet below ground surface.	
11								
12								
13								
14								
15								

GBLWC WA\GINTGINT\PROJECTS\8006.31\8006.31 B5-B11 GP25-67 MW1-MW7.GPJ 2/10/17

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) "S" in sample name indicates soil. 4) "W" in sample name indicates groundwater.

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP48

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **3/3/2010 to 3/3/2010**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **15.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data				Blows/6"	Lithologic Column	Soil Description	
		Interval	Percent Recovery	Collection Method	Number				
1		60	GP					0 to 0.5 feet: SANDY SILT (ML); dark brown; 80% fines, low plasticity; 20% sand, fine to medium; trace fine to medium gravel; damp. 0.5 to 3.0 feet: SANDY SILT (ML); reddish-brown; 80% fines, medium plasticity; 20% sand; damp.	
2									
3									3.0 to 5.0 feet: No recovery.
4									
5			100	GP					5.0 to 10.0 feet: SILTY SAND (SM); dark reddish-brown; 30% fines; 70% sand, fine to medium; gray at 9.0 feet; wet.
6									
7									
8									
9									
10			100	GP					10.0 to 13.0 feet: SILTY SAND (SM); grayish-brown; 20% fines; 80% sand, fine to medium; trace mica.
11									
12									
13									13.0 to 14.5 feet: CLAY (CL); light brown; 100% fines, soft.
14									14.5 to 15.0 feet: CLAY (CL); gray; 100% fines, very soft.
15									Total Depth: 15.0 feet below ground surface.

GBLWC: \\A\GINTGINT\PROJECTS\8006.31\8006.31\B5-B11\GP25-67\MW1-MW7.GPJ 2/10/17

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) "S" in sample name indicates soil. 4) "W" in sample name indicates groundwater.

Water level observed time of drilling.

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP49

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **3/3/2010 to 3/3/2010**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **15.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data				Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Number			
1		80	GP					0 to 0.3 feet: SILTY GRAVEL (GM); 40% fines; 60% gravel, subangular, fine to medium; fill; damp. 0.3 to 4.0 feet: SANDY SILT (ML); 60% fines, low plasticity; 40% sand; damp.
2								
3								
4								
5								4.0 to 5.0 feet: No recovery.
6			100	GP				5.0 to 10.0 feet: SANDY SILT (ML); reddish-brown; 55% fines, low plasticity; 45% sand, fine to medium, trace mica; sand percentage increases with depth; wet.
7								
8								
9								
10			100	GP				10.0 to 13.0 feet: SILTY SAND (SM); grayish-brown; 20% fines; 80% sand, fine to medium; trace mica; wet.
11								
12								
13								GP49-S-12.5 GP49-W-12.5
14								13.0 to 15.0 feet: CLAY (CL); light brown; 100% fines, soft; damp.
15								

Total Depth: 15.0 feet below ground surface.

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) "S" in sample name indicates soil. 4) "W" in sample name indicates groundwater.

Water level observed time of drilling.

GBLWC: W:\GINTGINT\PROJECTS\8006.31\8006.31 B5-B11 GP25-67 MW1-MW7.GPJ 2/10/17

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP50

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **3/1/2010 to 3/1/2010**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **15.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data				Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Name (Type)			
1		80	GP	GP50-S-0.5			0 to 0.4 feet: SILTY SANDY GRAVEL (GW); dark gray; 20% fines; 30% sand; 50% gravel; fill; damp.	
2							0.4 to 4.0 feet: SANDY SILT (ML); dark reddish-brown with dark brown mottling; 70% fines; 30% sand; damp.	
3		100	GP	GP50-S-5.0			4.0 to 5.0 feet: No recovery.	
4							5.0 to 7.4 feet: SANDY SILT (ML); brown; 70% fines; 30% sand; trace mica; wet.	
5							7.4 to 10.0 feet: SILTY SAND (SM); brown; 40% fines; 60% sand; trace mica; moist.	
6		100	GP	GP50-S-12.5			10.0 to 13.0 feet: SILTY SAND (SM); dark brown; 30% fines; 70% sand; trace mica; wet.	
7							13.0 to 14.0 feet: CLAY (CL); light brown; 100% fines; damp.	
8		100	GP	GP50-W-12.5			14.0 to 15.0 feet: CLAY (CL); grayish-blue; 100% fines; dry.	
9								
10								
11								
12								
13								
14								
15								

Total Depth: 15.0 feet below ground surface.

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) "S" in sample name indicates soil. 4) "W" in sample name indicates groundwater.

G:\BLWC\W\GINTGINT\PROJECTS\8006.31\8006.31 B5-B11 GP25-67 MW1-MM7.GPJ 2/10/17

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP51

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **3/2/2010 to 3/2/2010**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **15.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data				Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Number			
1		80	GP	GP51-S-0.5			0 to 0.4 feet: SILTY SANDY GRAVEL (GW); dark grayish-brown; 10% fines; 20% sand, fine to medium; 70% gravel, subangular; fill.	
2							0.4 to 4.0 feet: SANDY SILT (ML); reddish-brown; 70% fines, medium plasticity; 30% sand, fine to medium; trace fine gravel; damp.	
3		100	GP	GP51-S-5.0			4.0 to 5.0 feet: No recovery.	
4							5.0 to 6.0 feet: SANDY SILT (ML); reddish-brown; 70% fines, medium plasticity; 30% sand, fine to medium; moist.	
5							6.0 to 10.0 feet: SILTY SAND (SM); reddish-brown; 30% fines; 70% sand, fine to medium; trace mica; wet.	
6		100	GP	GP51-S-12.5			10.0 to 12.7 feet: SILTY SAND (SM); dark brown; 10% fines; 90% sand, fine to medium; trace mica; wet.	
7							12.7 to 13.7 feet: CLAY (CL); light brown; 100% fines, fine to coarse; damp.	
8								13.7 to 15.0 feet: CLAY (CL); grayish-blue; 100% fines, very soft; dry.
9								
10								
11								
12								
13								
14								
15								

Total Depth: 15.0 feet below ground surface.

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) "S" in sample name indicates soil. 4) "W" in sample name indicates groundwater.

Water level observed time of drilling.

GBLWC: \\A\GINTG\INTWP\PROJECTS\8006.31\8006.31\B5-B11\GP25-67\MW1-MW7.GPJ 2/10/17

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP52

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **3/3/2010 to 3/3/2010**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **15.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data				Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Name (Type)			
1		80	GP	GP52-S-0.5			0 to 0.4 feet: SILTY SANDY GRAVEL (GW); gray; 10% fines; 20% sand; 70% gravel, subangular, fill; damp.	
2							0.4 to 4.0 feet: SANDY SILT (ML); reddish-brown; 80% fines, medium plasticity; 20% sand, fine; damp.	
3		100	GP	GP52-S-5.0			4.0 to 5.0 feet: No recovery.	
4							5.0 to 10.0 feet: SILTY SAND (SM); dark reddish-brown; 30% fines; 70% sand, fine to medium; dark gray at 9.0 feet below ground surface; wet.	
5								
6		100	GP	GP52-S-12.5 GP52-W-12.5			10.0 to 13.0 feet: SILTY SAND (SM); grayish-brown; 10% fines; 90% sand, fine to medium; wet.	
7							13.0 to 14.0 feet: CLAY (CL); light brown; 100% fines, fine to coarse; damp.	
8								14.0 to 15.0 feet: CLAY (CL); light blue; 100% fines, very soft; dry.
9								
10								
11								
12								
13								
14								
15								

Total Depth: 15.0 feet below ground surface.

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) "S" in sample name indicates soil. 4) "W" in sample name indicates groundwater.

Water level observed time of drilling.

GBLWC WA\GINTGINT\PROJECTS\8006.31\8006.31 B5-B11 GP25-67 MW1-MW7.GPJ 2/10/17

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP53

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **3/2/2010 to 3/2/2010**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **15.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data				Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Name (Type)			
1		80	GP					0 to 0.4 feet: SANDY GRAVEL (GW); dark gray; 30% sand, fine to medium; 70% gravel, subangular; trace silt; damp.
2								0.4 to 4.0 feet: SANDY SILT (GW); brown; 70% fines, medium plasticity; 30% sand, fine; trace fine gravel; moist.
3								
4								
5			100	GP				4.0 to 5.0 feet: No recovery.
6								5.0 to 6.0 feet: SANDY SILT (ML); dark reddish-brown; 60% fines, medium plasticity; 40% sand, fine to medium; moist.
7								6.0 to 10.0 feet: SILTY SAND (SM); dark reddish-brown; 30% fines, medium plasticity; 70% sand, fine to medium; trace mica; wet.
8								
9								
10			100	GP				10.0 to 12.5 feet: SILTY SAND (SM); dark reddish-brown; 10% fines; 90% sand, fine to medium; trace mica; wet.
11								
12								
13								12.5 to 13.2 feet: CLAY (CL); light brown; 100% fines, fine to coarse; damp.
14								13.2 to 15.0 feet: CLAY (CL); grayish-blue; 100% fines, very soft; dry.
15								

Total Depth: 15.0 feet below ground surface.

GP53-S-12.5
GP53-W-12.5

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) "S" in sample name indicates soil. 4) "W" in sample name indicates groundwater.

Water level observed time of drilling.

GBLWC: \\A\GINTGINT\PROJECTS\8006.31\8006.31 B5-B11 GP25-67 MW1-MW7.GPJ 2/10/17

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP54

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **3/2/2010 to 3/2/2010**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **15.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data				Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Name (Type)			
1		80	GP	GP54-S-0.5			0 to 0.4 feet: SILTY SANDY GRAVEL (GW); dark grayish-brown; 10% fines; 20% sand, fine to medium; 70% gravel, subangular; fill; damp.	
2							0.4 to 4.0 feet: SANDY SILT (ML); reddish-brown; 70% fines, medium plasticity; 30% sand, fine to medium; trace fine gravel; damp.	
3		100	GP	GP54-S-5.0			4.0 to 5.0 feet: No recovery.	
4							5.0 to 6.0 feet: SANDY SILT (ML); reddish-brown; 70% fines, medium plasticity; 30% sand, fine to medium; moist.	
5							6.0 to 10.0 feet: SILTY SAND (SM); reddish-brown; 30% fines; 70% sand, fine to medium; trace mica; wet.	
6		100	GP	GP54-S-12.5 GP54-W-12.5			10.0 to 12.7 feet: SILTY SAND (SM); dark brown; 10% fines; 90% sand, fine to medium; trace mica; wet.	
7							12.7 to 13.7 feet: CLAY (CL); light brown; 100% fines, fine to coarse; damp.	
8							13.7 to 15.0 feet: CLAY (CL); grayish-blue; 100% fines, very soft; dry.	
9								
10								
11								
12								
13								
14								
15								

Total Depth: 15.0 feet below ground surface.

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) "S" in sample name indicates soil. 4) "W" in sample name indicates groundwater.

Water level observed time of drilling.

GBLWC: \\A\GINTGINT\PROJECTS\8006.31\8006.31\B5-B11\GP25-67\MW1-MW7.GPJ 2/10/17

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP55

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **3/3/2010 to 3/3/2010**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **15.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data				Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Name (Type)			
1		80	GP		GP55-S-0.5	0	0 to 0.4 feet: SANDY SILTY GRAVEL (GM); dark brown; 30% fines; 20% sand; 50% gravel, subangular, fine to coarse; damp. 0.4 to 4.0 feet: SANDY SILT (ML); dark reddish-brown; 80% fines, low plasticity; 20% sand, fine; damp.	
2								
3								
4								4.0 to 5.0 feet: No recovery.
5			100	GP		GP55-S-5.0		5.0 to 10.0 feet: SILTY SAND (SM); gray; 40% fines; 60% sand, fine to medium; trace mica; reddish-brown at 8.0 feet; wet.
6								
7								
8								
9								
10			100	GP				10.0 to 13.0 feet: SILTY SAND (SM); dark brown; 10% fines; 90% sand, fine to medium; trace mica.
11								
12								
13						GP55-S-12.5 GP55-W-12.5		13.0 to 15.0 feet: CLAY (CL); light brown; 100% fines, soft.
14								
15								

Total Depth: 15.0 feet below ground surface.

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) "S" in sample name indicates soil. 4) "W" in sample name indicates groundwater.

Water level observed time of drilling.

GBLWC: \\A\GINTG\INTWP\PROJECTS\8006.31\8006.31\B5-B11\GP25-67\MW1-MW7.GPJ 2/10/17

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP56

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **3/3/2010 to 3/3/2010**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **15.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data				Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Name (Type)			
1		80	GP		GP56-S-0.5	0	0 to 0.4 feet: SANDY SILTY GRAVEL (GM); dark brown; 30% fines; 20% sand; 50% gravel, subangular, fine; damp. 0.4 to 4.0 feet: SANDY SILT (ML); dark reddish-brown; 80% fines, low plasticity; 20% sand, fine; damp.	
2								
3								
4								
5			100	GP		GP56-S-5.0		4.0 to 5.0 feet: No recovery. 5.0 to 10.0 feet: SILTY SAND (SM); dark reddish-brown; 20% fines; 80% sand, fine to medium; trace mica; wet.
6								
7								
8								
9								
10			100	GP				10.0 to 14.0 feet: SILTY SAND (SM); dark brown; 15% fines; 85% sand, fine to medium; trace mica; wet.
11								
12								
13								
14						GP56-S-13.5 GP56-W-13.5		14.0 to 15.0 feet: CLAY (CL); light brown; 100% fines, fine to coarse; damp.
15								

Total Depth: 15.0 feet below ground surface.

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) "S" in sample name indicates soil. 4) "W" in sample name indicates groundwater.

Water level observed time of drilling.

GBLWC: \\A\GINTGINT\PROJECTS\8006.31\B5-B11\GP25-67\MW1-MW7.GPJ 2/10/17

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP57

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **3/3/2010 to 3/3/2010**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **17.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data				Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Number			
1		80	GP				0 to 0.4 feet: SANDY SILTY GRAVEL (GM); 30% fines; 20% sand, fine to medium; 50% gravel, fine to medium, subangular; fill; damp.	
2							0.4 to 4.0 feet: SANDY SILT (ML); dark reddish-brown; 60% fines, low plasticity; 40% sand, fine to medium; moist.	
3								
4								
5			100	GP				4.0 to 5.0 feet: No recovery.
6								5.0 to 10.0 feet: SILTY SAND (SM); dark olive-brown; 40% fines; 60% sand, fine to medium; trace mica; moist.
7								
8								
9								
10			100	GP				10.0 to 14.5 feet: SILTY SAND (SM); grayish-brown; 15% fines; 85% sand, fine to medium; trace mica; damp.
11								
12								
13								
14								
15			100	GP				14.5 to 15.0 feet: CLAY (CL); light brown; 100% fines, fine to coarse; damp.
16								15.0 to 17.0 feet: CLAY (CL); light brown; 100% fines; gray at 16.0 feet below ground surface; dry.
17								

GP57-S-14.0
GP57-W-14.0

Total Depth: 17.0 feet below ground surface.

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) "S" in sample name indicates soil. 4) "W" in sample name indicates groundwater.

Water level observed time of drilling.

GBLWC: \\A\GINTG\INTWP\PROJECTS\8006.31\B5-B11\GP25-67\MW1-MMW7.GPJ 2/10/17

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP58

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **3/8/2010 to 3/8/2010**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **20.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data					Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Number	Name (Type)			
1		100		GP					0 to 5.0 feet: SILT (ML); damp.
2									
3									
4									
5			100		GP				5.0 to 11.0 feet: SILTY SAND (SM); dark reddish-brown; 40% fines; 60% sand, fine to medium; trace mica; wet.
6									
7									
8									
9									
10			100		GP				
11									
12									
13									
14									
15			100		GP				
16						GP58-S-15.0 GP58-W-15.0			
17									16.0 to 20.0 feet: CLAY (CL); light brown; 100% fines.
18									
19									
20									Total Depth: 20.0 feet below ground surface.

GBLWC: W:\GINTGINT\PROJECTS\8006.31\8006.31 B5-B11 GP25-67 MW1-MW7.GPJ 2/10/17

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) "S" in sample name indicates soil. 4) "W" in sample name indicates groundwater.

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP59

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **3/8/2010 to 3/8/2010**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **20.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data					Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Number	Name (Type)			
0								0 to 5.0 feet: Air knife, no lithologic data available.	
5		80						5.0 to 9.0 feet: SANDY SILT (ML); dark reddish-brown; 50% fines, low plasticity; 50% sand, fine to medium; trace mica; wet.	
9								9.0 to 10.0 feet: No recovery.	
10		100						10.0 to 15.0 feet: SILTY SAND (SM); dark reddish-brown; 30% fines; 70% sand; trace mica; wet.	
15		100						15.0 to 15.7 feet: SILTY SAND (SM); dark reddish-brown; 20% fines; 80% sand, fine to medium; trace mica; wet.	
15.7								15.7 to 20.0 feet: CLAY (CL); light brown; 100% fines; grayish-blue at 17.0 feet below ground surface.	
20								Total Depth: 20.0 feet below ground surface.	

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NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) "S" in sample name indicates soil. 4) "W" in sample name indicates groundwater.

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP60

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **3/8/2010 to 3/8/2010**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **20.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data					Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Number	Name (Type)			
0								0 to 5.0 feet: Air knifed, lithology not available.	
5		80						5.0 to 9.0 feet: SILTY SAND (SM); grayish-brown; 30% fines; 70% sand, fine to medium; trace mica; moist.	
9								9.0 to 10.0 feet: No recovery.	
10		100						10.0 to 15.0 feet: SILTY SAND (SM); grayish-brown; 30% fines; 70% sand, fine to medium; trace mica; moist.	
15		100						15.0 to 20.0 feet: CLAY (CL); light brown; 100% fines; grayish-blue at 18.0 feet below ground surface.	
15								GP60-S-14.5 GP60-W-14.5	
Total Depth: 20.0 feet below ground surface.									

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) "S" in sample name indicates soil. 4) "W" in sample name indicates groundwater.

 Water level observed time of drilling.

GBLWC: W:\GINTG\INTWP\PROJECTS\8006.31\8006.31 B5-B11 GP25-67 MW1-MW7.GPJ 2/10/17

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP61

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **3/8/2010 to 3/8/2010**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **20.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data					Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Number	Name (Type)			
1		60	GP					0 to 0.2 feet: ASPHALT: black. 0.2 to 3.0 feet: SANDY SILT (ML); reddish-brown; 60% fines, low plasticity; 40% sand, fine to medium; trace mica.	
2									
3									3.0 to 5.0 feet: No recovery.
4									
5		100	GP						5.0 to 10.0 feet: SILTY SAND (SM); dark reddish-brown; 40% fines; 60% sand, fine to medium; trace mica; wet at 6.0 feet below ground surface.
6									
7									
8									
9									
10		100	GP						10.0 to 15.0 feet: SILTY SAND (SM); 40% fines; 60% sand, fine to medium; wet.
11									
12									
13									
14									
15		100	GP	GP61-S-14.5	GP61-W-14.5				15.0 to 20.0 feet: CLAY (CL); light brown; 100% fines; blue at 16.5 feet below ground surface; dry.
16									
17									
18									
19									
20									Total Depth: 20.0 feet below ground surface.

GBLWC: W:\GINTGINT\PROJECTS\8006.31\8006.31 B5-B11 GP25-67 MW1-MW7.GPJ 2/10/17

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) "S" in sample name indicates soil. 4) "W" in sample name indicates groundwater.

Water level observed time of drilling.

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP62

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **10/19/2010 to 10/19/2010**
 Driller/Equipment **Tyler Day/Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **20.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data				Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Number			
1		80		GP			0 to 2.1 feet: SILT (ML); brown; trace organics; dry.	
2							2.1 to 5.2 feet: SILT (ML); brown; loose; dry.	
3								
4								
5		100		GP			5.2 to 11.4 feet: SILTY SAND (SM); brown with orange mottling; 40% fines; 60% sand, fine to medium; damp.	
6								
7								
8								
9								
10		100		GP			11.4 to 16.8 feet: SILT WITH SAND (SM); grayish-brown; wet.	
11								
12								
13								
14								
15		100		GP GW	GP62-W-15.0		16.8 to 18.8 feet: CLAY (CL); gray; dense; damp.	
16								
17							18.8 to 19.6 feet: SAND (SP); brown; fine to medium.	
18								
19							19.6 to 20.0 feet: SANDY GRAVEL (GP); dark gray; 40% sand; fine to medium; 60% gravel; dry.	
20								

NOTES: Total Depth: 20.0 feet below ground surface.
 1) bgs = below ground surface. 2) GP = Geoprobe. 3) "W" in sample name indicates groundwater.

Water level observed time of drilling.

GBLWC: \\A\GINTG\INTWP\PROJECTS\8006.31\B5-B11\GP25-67\MW1-MW7.GPJ 2/10/17

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP63

Sheet
1 of 2

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **10/19/2010 to 10/19/2010**
 Driller/Equipment **Tyler Day/Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **25.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data					Blows/6"	Lithologic Column	Soil Description	
		Interval	Percent Recovery	Collection Method	Number	Name (Type)				
1		100		GP					0 to 6.1 feet: SILTY SAND (SM); brown with orange mottling; 50% fines; 50% sand, fine to medium; damp.	
2										
3										
4										
5										
6			100		GP					6.1 to 15.0 feet: SILTY SAND (SM); brown; 20% fines; 80% sand, fine to medium; micaceous; wet.
7										
8										
9										
10										
11			100		GP					
12										
13										
14										
15										
16			100		GP					15.0 to 22.3 feet: SAND (SP); gray; micaceous; fine to medium; wet.
17										
18										
19										
20										

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) GW = Groundwater 4) "W" in sample name indicates groundwater.

Water level observed time of drilling.

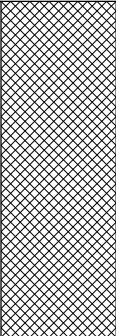

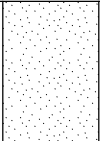
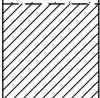

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Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP63

Sheet
2 of 2

Depth (feet, BGS)	Well Details	Interval	Percent Recovery	Sample Data			Blows/6"	Lithologic Column	Soil Description
				Collection Method	Number	Name (Type)			
21			100	GP		GP63-W-21.0			
22				GW					
23									22.3 to 23.7 feet: CLAY (CL); brown; soft; wet.
24									23.7 to 25.0 feet: SILTY SANDY GRAVEL (GP).
25									

Total Depth: 25.0 feet below ground surface.

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) GW = Groundwater 4) "W" in sample name indicates groundwater.



Water level observed time of drilling.

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP64

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **10/18/2010 to 10/18/2010**
 Driller/Equipment **Tyler Day/Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **15.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data				Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Number			
1		100	GP				0 to 0.2 feet: ASPHALT; black.	
2							0.2 to 0.6 feet: SILTY SANDY GRAVEL (GP); gray; 10% fines; 30% sand; 60% gravel, fine to coarse, angular; dry.	
3							0.6 to 7.5 feet: SILTY SAND (SM); brown with red mottling; 50% fines; 50% sand; moist.	
4								
5			100	GP				
6								
7								
8							7.5 to 12.1 feet: SILTY SAND (SM); 40% fines; 60% sand, medium; wet.	
9								
10			100	GP				
11								
12							12.1 to 15.0 feet: SILTY SAND (SM); brown; 20% fines; 80% sand, fine to medium; wet.	
13								
14								
15				GW	GP66-W-15.0			

Total Depth: 15.0 feet below ground surface.

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) GW = Groundwater 4) "W" in sample name indicates groundwater.

Water level observed time of drilling.

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Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP65

Sheet
1 of 2

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **10/18/2010 to 10/18/2010**
 Driller/Equipment **Tyler Day/Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

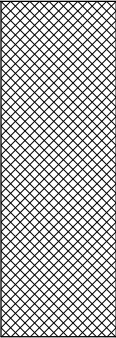

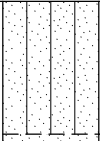
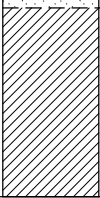
TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **25.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data					Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Number	Name (Type)			
1		100	GP					0 to 0.3 feet: ASPHALT; black.	
2							0.3 to 0.4 feet: FILL; gray; 30% sand, fine to medium; 70% gravel, fine to coarse, angular; dry.		
3							0.4 to 7.5 feet: SILTY SAND (SM); brown with red mottling; 50% fines; 50% sand; moist.		
4									
5			100	GP					
6									
7									
8								7.5 to 12.1 feet: SILTY SAND (SM); 40% fines; 60% sand, medium; wet.	
9									
10			100	GP					
11									
12								12.1 to 22.3 feet: SILTY SAND (SM); brown; 20% fines; 80% sand, fine to medium; wet.	
13									
14									
15			100	GP					
16									
17									
18									
19									
20									

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) GW = Groundwater 4) "W" in sample name indicates groundwater.

Water level observed time of drilling.

GBLWC: W:\GINT\GINT\PROJECTS\8006.31\8006.31 B5-B11 GP25-67 MW1-MW7.GPJ 2/10/17

Depth (feet, BGS)	Well Details	Interval	Percent Recovery	Sample Data			Blows/6"	Lithologic Column	Soil Description
				Collection Method	Number	Name (Type)			
21			100	GP					
22									
23									22.1 to 22.3 feet: SAND (SP); dark gray; 100% sand, fine to medium; wet.
24									22.3 to 25.0 feet: CLAY (CL); bluish-green; dense; dry.
25									

Total depth: 25.0 feet below ground surface.

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) GW = Groundwater 4) "W" in sample name indicates groundwater.



Water level observed time of drilling.

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP66

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **10/18/2010 to 10/18/2010**
 Driller/Equipment **Tyler Day/Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **15.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data					Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Number	Name (Type)			
1		100		GP				0 to 0.2 feet: ASPHALT; black.	
2								0.2 to 0.6 feet: SILTY SANDY GRAVEL (GP); gray; 10% fines; 30% sand; 60% gravel, fine to coarse, angular; dry.	
3								0.6 to 7.5 feet: SILTY SAND (SM); brown with reddish mottling; 50% fines; 50% sand; moist.	
4									
5			100		GP				
6									
7									
8								7.5 to 12.1 feet: SILTY SAND (SM); brown; 40% fines; 60% sand; wet.	
9									
10			100		GP				
11									
12								12.1 to 15.0 feet: SILTY SAND (SM); brown; 20% fines; 80% sand; micaceous; wet.	
13									
14									
15					GW	GP66-W-15.0			

Total Depth: 15.0 feet below ground surface.

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) GW = Groundwater 4) "W" in sample name indicates groundwater.

Water level observed time of drilling.

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP67

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **10/18/2010 to 10/18/2010**
 Driller/Equipment **Tyler Day/Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **20.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data				Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Name (Type)			
1		100	GP				0 to 0.2 feet: ASPHALT; black.	
2							0.2 to 0.5 feet: SILTY SANDY GRAVEL (GP); gray; 10% fines; 30% sand; 60% gravel, fine to coarse, angular; dry.	
3							0.5 to 7.5 feet: SILTY SAND (SM); brown with reddish mottling; 50% fines; 50% sand; moist.	
4								
5			100	GP				
6								
7								
8								7.5 to 13.0 feet: SILTY SAND (SM); brown; 40% fines; 60% sand; wet.
9								
10			100	GP				
11								
12								
13								13.0 to 18.5 feet: SILTY SAND (SM); brown; 20% fines; 80% sand; micaceous; wet.
14								
15			100	GP				
16								
17								
18								
19								18.5 to 20.0 feet: CLAY (CL); bluish-green; dense; dry.
20								Total Depth: 20.0 feet below ground surface.

G:\BLWC\W\GINT\GINT\PROJECTS\8006.31\8006.31\B5-B11\GP25-67\MW1-MW7.GPJ 2/10/17

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) GW = Groundwater 4) "W" in sample name indicates groundwater.

Water level observed time of drilling.

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP68

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **6/21/2011 to 6/21/2011**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **20.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data					Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Number	Name (Type)			
1		82	GP					0 to 4.1 feet: SANDY SILT (ML); dark brown; 80% fines, soft, medium plasticity; 20% sand, micaceous; damp.	
2									
3									
4									
5								4.1 to 5.0 feet: No recovery.	
6			100	GP				5.0 to 5.4 feet: SANDY SILT (ML); dark brown; 80% fines, soft, medium plasticity; 20% sand, micaceous; damp.	
7								5.4 to 7.4 feet: SANDY SILT (ML); dark brown; 50% fines; 50% sand; micaceous; wet.	
8								7.4 to 10.9 feet: SILTY SAND (SM); dark brown; 30% fines; 70% sand, fine to medium, micaceous; wet.	
9									
10			100	GP				10.9 to 11.9 feet: SANDY SILT (MLS); dark brown; 60% fines, soft; 40% sand, fine, micaceous; wet.	
11									
12								11.9 to 15.5 feet: SILTY SAND (SM); dark brown; 20% fines; 80% sand, fine to medium, micaceous; wet.	
13									
14									
15			100	GP					
16				GW		GP68-W-15.5		15.5 to 20.0 feet: CLAY (CL); light brown. @ 16.0 feet: color turns to grayish blue.	
17									
18									
19									
20								Total Depth: 20.0 feet below ground surface.	

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) GW = Groundwater 4) "W" in sample name indicates groundwater.

Water level observed time of drilling.

GBLWC: W:\GINTG\PROJECTS\8006.31\8006.31 B5-B11 GP25-67 MW1-MW7.GPJ 2/10/17

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP69

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **6/21/2011 to 6/21/2011**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **20.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data				Blows/6"	Lithologic Column	Soil Description	
		Interval	Percent Recovery	Collection Method	Number				Name (Type)
1		100		GP				0 to 6.5 feet: SANDY SILT (ML); dark brown; 80% fines, soft, medium plasticity; 20% sand, micaceous; damp.	
2									
3									
4									
5			100		GP				
6									
7									6.5 to 7.9 feet: SANDY SILT (ML); dark brown; 50% fines; 50% sand; micaceous; wet.
8									
9									
10			100		GP				7.9 to 11.3 feet: SILTY SAND (SM); dark brown; 30% fines; 70% sand, fine to medium; micaceous; wet.
11									
12									
13									
14									
15			100		GP				
16									
17					GW		GP69-W-17.0		
18									17.1 to 20.0 feet: CLAY (CL); light brown.
19									
20									Total Depth: 20.0 feet below ground surface.

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) GW = Groundwater 4) "W" in sample name indicates groundwater.

Water level observed time of drilling.

GBLWC: W:\GINTGINT\PROJECTS\8006.31\8006.31 B5-B11 GP25-67 MW1-MW7.GPJ 2/10/17

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP70

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **6/21/2011 to 6/21/2011**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **20.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data					Blows/6"	Lithologic Column	Soil Description	
		Interval	Percent Recovery	Collection Method	Number	Name (Type)				
1		100		GP					0 to 6.5 feet: SANDY SILT (ML); dark brown; 80% fines, soft, medium plasticity; 20% sand, micaceous; damp.	
2										
3										
4										
5			100		GP					
6										
7										6.5 to 7.9 feet: SANDY SILT (ML); dark brown; 50% fines; 50% sand; micaceous; wet.
8										7.9 to 11.3 feet: SILTY SAND (SM); dark brown; 30% fines; 70% sand, fine to medium; micaceous; wet.
9										
10			100		GP					
11										
12										11.3 to 17.2 feet: SILTY SAND (SM); dark brown; 20% fines; 80% sand, fine to medium; micaceous; wet.
13										
14										
15			100		GP					
16										
17					GW		GP70-W-17.0			
18										17.2 to 20.0 feet: CLAY (CL); light brown.
19										
20										Total Depth: 20.0 feet below ground surface.

GBLWC: W:\GINTGINT\PROJECTS\8006.31\B5-B11\GP25-67\MW1-MW7.GPJ 2/10/17

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) GW = Groundwater 4) "W" in sample name indicates groundwater.

Water level observed time of drilling.

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP71

Sheet
1 of 2

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **6/21/2011 to 6/21/2011**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **25.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data					Blows/6"	Lithologic Column	Soil Description	
		Interval	Percent Recovery	Collection Method	Number	Name (Type)				
1		100		GP					0 to 6.3 feet: SANDY SILT (ML); dark brown; 70% fines; 30% sand, fine to medium; trace organics; damp.	
2										
3										
4										
5			100		GP					
6										
7										6.3 to 22.1 feet: SILTY SAND (SM); dark brown; 20% fines; 80% sand, fine to medium; wet.
8										
9										
10			100		GP					
11										
12										
13										
14										
15			100		GP					
16										
17										
18										
19										
20										

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) GW = Groundwater 4) "W" in sample name indicates groundwater.

Water level observed time of drilling.

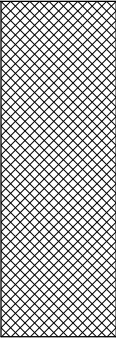

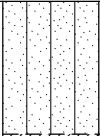
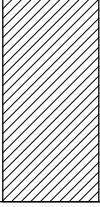
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Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP71

Sheet
2 of 2

Depth (feet, BGS)	Well Details	Interval	Percent Recovery	Sample Data			Blows/6"	Lithologic Column	Soil Description
				Collection Method	Number	Name (Type)			
21			100	GP					
22				GW	GP71-W-22.1				
23									
24									
25									

Total Depth: 25.0 feet below ground surface.

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) GW = Groundwater 4) "W" in sample name indicates groundwater.



Water level observed time of drilling.

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP72

Sheet
1 of 2

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **6/20/2011 to 6/20/2011**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

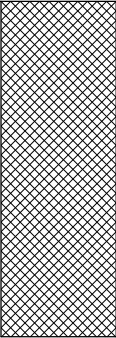
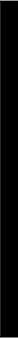
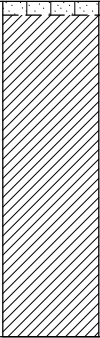
TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **25.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data					Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Number	Name (Type)			
1		100		GP					0 to 6.1 feet: SANDY SILT (ML); dark brown; 70% fines; 30% sand, fine to medium; trace organics; damp.
2									
3									
4									
5			100		GP				
6									
7									6.1 to 14.2 feet: SILTY SAND (SM); dark brown; 40% fines; 60% sand; micaceous; wet.
8									
9									
10			100		GP				
11									
12									
13									
14									
15			100		GP				14.2 to 16.3 feet: SANDY SILT (ML); dark brown; medium plasticity; wet.
16									
17									16.3 to 20.4 feet: SILTY SAND (SM); dark brown; 20% fines; 80% sand, fine to medium; wet.
18									
19									
20					GW		GP72-W-20.0		

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) GW = Groundwater 4) "W" in sample name indicates groundwater.

Water level observed time of drilling.

GBLWC: W:\GINT\GINT\PROJECTS\8006.31\8006.31 B5-B11 GP25-67 MW1-MW7.GPJ 2/10/17

Depth (feet, BGS)	Well Details	Interval	Percent Recovery	Sample Data			Blows/6"	Lithologic Column	Soil Description
				Collection Method	Number	Name (Type)			
21			100	GP				20.4 to 25.0 feet: CLAY (CL); brownish-gray.	
22								@ 22.7 feet: Color turns to bluish-gray.	
23									
24									
25									

Total Depth: 25.0 feet below ground surface.

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) GW = Groundwater 4) "W" in sample name indicates groundwater.



Water level observed time of drilling.

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP73

Sheet
1 of 2

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **6/17/2011 to 6/17/2011**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

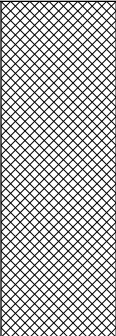

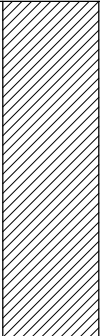
TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **25.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data				Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Number			
1		100	GP				0 to 0.3 feet: CONCRETE; gray. 0.3 to 0.6 feet: SILTY SANDY GRAVEL (FILL); gray; dry. 0.5 to 4.5 feet: SANDY SILT (ML); brown; dry; organics.	
2								
3								
4								
5		100	GP				4.5 to 11.0 feet: SILTY SAND (SM); brown; 40% fines, medium plasticity; 60% sand, fine to medium; micaceous; wet.	
6								
7								
8								
9								
10		76	GP					
11								
12								11.0 to 13.8 feet: SILTY SAND (SM); brown with reddish-brown mottling; 50% fines; 50% sand; wet.
13								
14								13.8 to 15.0 feet: No recovery.
15		100	GP					15 to 18.8 feet: SILTY SAND (SM); grayish-brown; 20% fines; 80% sand; micaceous; wet.
16								
17								
18								
19								18.8 to 25.0 feet: CLAY (CL); light brown; dense.
20				GW				GP73-W-19.0

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) GW = Groundwater 4) "W" in sample name indicates groundwater.

Water level observed time of drilling.

GBLWC: W:\GINT\GINT\PROJECTS\8006.31\8006.31\B5-B11\GP25-67\MW1-MW7.GPJ 2/10/17

Depth (feet, BGS)	Well Details	Interval	Percent Recovery	Sample Data			Blows/6"	Lithologic Column	Soil Description
				Collection Method	Number	Name (Type)			
21			100	GP					
22									
23									
24									
25									

Total Depth: 25.0 feet below ground surface.

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) GW = Groundwater 4) "W" in sample name indicates groundwater.



Water level observed time of drilling.

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP74

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **6/17/2011 to 6/17/2011**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **20.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data			Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method			
1		100	GP			0 to 0.3 feet: CONCRETE; gray. 0.3 to 0.5 feet: SILTY SANDY GRAVEL (FILL); gray; dry. 0.5 to 6.1 feet: SANDY SILT (ML); brown; dry; organics.	
2							
3							
4							
5			70	GP			
6							
7							6.1 to 8.5 feet: SILTY SAND (SM); brown; 60% sand, fine to medium; 40% fine; wet; micaceous; medium plasticity.
8							
9							8.5 to 10.0 feet: No recovery.
10			92	GP			10.0 to 11.2 feet: SILTY SAND (SM); brown; 40% fine; medium plasticity; 60% sand, fine to medium; micaceous; wet.
11							
12							11.2 to 14.6 feet: SILTY SAND (SM); brown with reddish-brown mottling; 50% fines; 50% sand; wet.
13							
14							
15			80	GP			14.6 to 15.0 feet: No recovery. 15 to 17.3 feet: SILTY SAND (SM); grayish-brown; 20% fines; 80% sand; micaceous; wet.
16							
17				GW	GP74-W-17.0		
18							17.3 to 19.0 feet: CLAY (CL); light brown; dense.
19							
20							19.0 to 20.0 feet: No recovery. Total Depth: 20.0 feet below ground surface.

GBLWC: W:\GINTGINT\PROJECTS\8006.31\8006.31 B5-B11 GP25-67 MW1-MM7.GPJ 2/10/17

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) GW = Groundwater 4) "W" in sample name indicates groundwater.

Water level observed time of drilling.

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

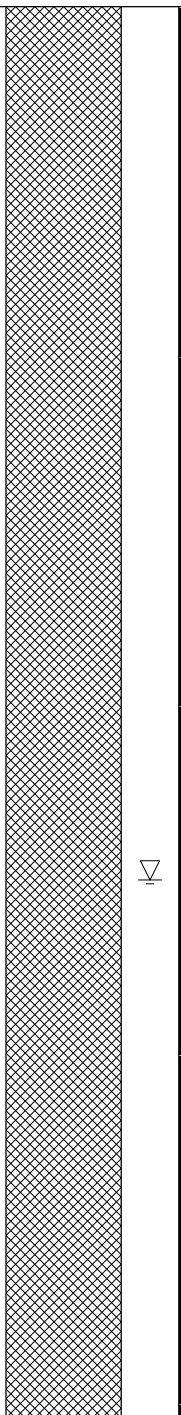
Project Number
8006.31.01

Well Number
GP75

Sheet
1 of 2

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **6/16/2011 to 6/16/2011**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **25.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data				Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Number			
1		38		GP			0 to 0.3 feet: CONCRETE; gray. 0.3 to 0.7 feet: SILTY SANDY GRAVEL (FILL); gray; dry. 0.7 to 1.9 feet: SANDY SILT (ML); brown; dry; organics.	
2							1.9 to 5.0 feet: No recovery.	
3								
4								
5			64		GP			5.0 to 8.2 feet: SILTY SAND (SM); brown; 40% fines, medium plasticity; 60% sand, fine to medium; micaceous; wet.
6								
7								
8								
9								8.2 to 10.0 feet: No recovery.
10								
11			100		GP			10.0 to 18.5 feet: SILTY SAND (SM); grayish-brown; 20% fines; 80% sand; micaceous; wet.
12								
13								
14								
15								
16			100		GP			
17								
18								
19					GW		GP75-W-18.5	18.5 to 25.0 feet: CLAY (CL); light brown; dense.
20								

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) GW = Groundwater 4) "W" in sample name indicates groundwater.

 Water level observed time of drilling.

GBLWC: \\A:\GINT\GINT\PROJECTS\8006.31\8006.31\B5-B11\GP25-67\MW1-MW7.GPJ 2/10/17

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP75

Sheet
2 of 2

Depth (feet, BGS)	Well Details	Interval	Percent Recovery	Sample Data			Blows/6"	Lithologic Column	Soil Description
				Collection Method	Number	Name (Type)			
21			100	GP					@ 21.0 feet: Color turns to gray.
22									
23									
24									
25									

Total Depth: 25.0 feet below ground surface.

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) GW = Groundwater 4) "W" in sample name indicates groundwater.



Water level observed time of drilling.

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP76

Sheet
1 of 2

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **6/16/2011 to 6/16/2011**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

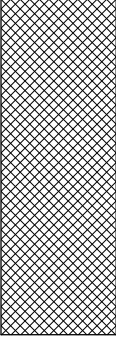
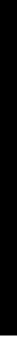
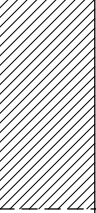
TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **25.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data			Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method			
1		68	GP			0 to 0.3 feet: CONCRETE; gray. 0.3 to 0.7 feet: SILTY SANDY GRAVEL (FILL); gray; dry. 0.7 to 3.4 feet: SANDY SILT (ML); brown; organics; dry.	
2							
3							
4							3.4 to 5.0 feet: No recovery.
5		70	GP				5.0 to 7.5 feet: SILTY SAND (SM); brown; 40% fines, medium plasticity; 60% sand, fine to medium; micaceous; wet.
6							
7							
8							7.5 to 10.0 feet: No recovery.
9							
10		100	GP				10.0 to 18.5 feet: SILTY SAND (SM); dark brown; 10% fines; 90% sand, fine; micaceous; wet.
11							
12							
13							
14							
15		100	GP				
16							
17							
18							
19			GW	GP76-W-18.8			18.8 to 23.2 feet: CLAY (CL); light brown; dense.
20							

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) GW = Groundwater 4) "W" in sample name indicates groundwater.

Water level observed time of drilling.

GBLWC: W:\GINT\GINT\PROJECTS\8006.31\8006.31 B5-B11 GP25-67 MW1-MW7.GPJ 2/10/17

Depth (feet, BGS)	Well Details	Interval	Percent Recovery	Sample Data			Blows/6"	Lithologic Column	Soil Description		
				Collection Method	Number	Name (Type)					
21			64	GP					@ 20.0 feet: Color turns to gray.		
22											
23											
24											23.2 to 25.0 feet: No recovery.
25											

Total Depth: 25.0 feet below ground surface.

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) GW = Groundwater 4) "W" in sample name indicates groundwater.



Water level observed time of drilling.

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP77

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **6/16/2011 to 6/16/2011**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **20.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data				Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Number			
1		76	GP				0 to 0.3 feet: CONCRETE; gray.	
2							0.3 to 0.7 feet: SILTY SANDY GRAVEL (FILL); gray; dry.	
3							0.7 to 3.8 feet: SANDY SILT (ML); brown; organics; dry.	
4								
5							3.8 to 5.0 feet: No recovery.	
6			78	GP				5.0 to 8.9 feet: SILTY SAND (SM); brown; 40% fines, medium plasticity; 60% sand, fine to medium; micaceous; wet.
7								
8								
9								8.9 to 10.0 feet: No recovery.
10								
11			100	GP				10.0 to 19.0 feet: SILTY SAND (SM); dark brown; 10% fines; 90% sand, fine; micaceous; wet.
12								
13								
14								
15			100	GP				
16								
17								
18								
19								19.0 to 20.0 feet: CLAY (CL); light brown; dense.
20				GW				GP77-W-19.0 Total Depth: 20.0 feet below ground surface.

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) GW = Groundwater 4) "W" in sample name indicates groundwater.

Water level observed time of drilling.

GBLWC: \\A:\GINT\GINT\PROJECTS\8006.31\8006.31\B5-B11\GP25-67\MW1-MW7.GPJ 2/10/17

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP78

Sheet
1 of 2

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **6/20/2011 to 6/20/2011**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **35.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data				Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Number			
1		46		GP				0 to 0.2 feet: ASPHALT; black. 0.2 to 0.6 feet: GRAVEL (FILL). 0.6 to 2.3 feet: SANDY SILT (ML); dark brown; 90% fines; 10% sand, fine; trace organics; damp.
2							2.3 to 5.0 feet: No recovery.	
3								
4								
5			100		GP			5.0 to 10.0 feet: SILTY SAND (SM); brown; 50% fines; 50% sand; micaceous; damp.
6								
7								
8								
9								
10			100		GP			10.0 to 27.0 feet: SILTY SAND (SM); brownish-gray; 20% fines; 80% sand, fine to coarse; wet.
11								
12								
13								
14								
15			100		GP			
16								
17								
18								
19								
20								

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) GW = Groundwater 4) "W" in sample name indicates groundwater.

Water level observed time of drilling.

GBLWC: W:\GINT\GINT\PROJECTS\8006.31\8006.31 B5-B11 GP25-67 MW1-MW7.GPJ 2/10/17

Depth (feet, BGS)	Well Details	Interval	Percent Recovery	Sample Data			Blows/6"	Lithologic Column	Soil Description	
				Collection Method	Number	Name (Type)				
21			100	GP						
22										
23										
24										
25				100	GP					
26										
27										
28										27.0 to 27.3 feet: SILTY SAND (SM); reddish-brown; 20% fines; 80% sand, fine to coarse; wet. 27.3 to 31.3 feet: SILTY SAND (SM); dark gray; wet.
29										
30				100	GP					
31						GW	GP78-W-31.0			
32										31.3 to 32.8 feet: CLAY (ML); gray; dense.
33										32.8 to 35.0 feet: CLAY (ML); bluish-gray; stiff.
34										
35										

Total Depth: 35.0 feet below ground surface.

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) GW = Groundwater 4) "W" in sample name indicates groundwater.

Water level observed time of drilling.

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP79

Sheet
1 of 2

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **6/17/2011 to 6/17/2011**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

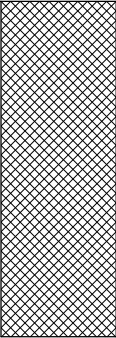

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **25.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data					Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Number	Name (Type)			
1		100	GP					0 to 0.2 feet: ASPHALT; black. 0.2 to 5.8 feet: SANDY SILT (ML); dark brown; damp.	
2									
3									
4									
5									
6			90	GP					5.8 to 9.5 feet: SILTY SAND (SM); brown; wet.
7									
8									
9									
10									9.5 to 10.0 feet: No Recovery.
11			100	GP					10.0 to 14.8 feet: SAND (SP); gray; trace fines; fine to coarse.
12									
13									
14									
15									
16			100	GP					15 to 21.3 feet: SILTY SAND (SM); grayish-brown; 20% fines; 80% sand; micaceous; wet.
17									
18									
19									
20									

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) GW = Groundwater 4) "W" in sample name indicates groundwater.

Water level observed time of drilling.

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Depth (feet, BGS)	Well Details	Interval	Percent Recovery	Sample Data			Blows/6"	Lithologic Column	Soil Description
				Collection Method	Number	Name (Type)			
21			100	GP					
22				GW	GP79-W-21.0				
23									
24									
25									

Total Depth: 25.0 feet below ground surface.

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) GW = Groundwater 4) "W" in sample name indicates groundwater.



Water level observed time of drilling.

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP80

Sheet
1 of 2

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **6/17/2011 to 6/17/2011**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

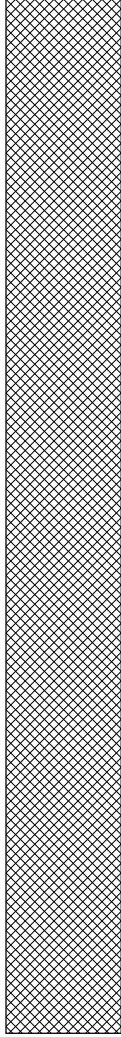

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **35.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data					Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Number	Name (Type)			
1		100	GP					0 to 0.2 feet: ASPHALT; black. 0.2 to 0.3 feet: GRAVEL (FILL). 0.3 to 5.9 feet: SANDY SILT (ML); dark brown; damp.	
2									
3									
4									
5									
6			76	GP					5.9 to 8.8 feet: SILTY SAND (SM); brown; wet.
7									
8									
9									8.8 to 10.0 feet: No Recovery.
10									
11			100	GP					10.0 to 16.3 feet: SAND (SP); gray; trace fines; fine to coarse.
12									
13									
14									
15									
16			100	GP					
17									16.3 to 26.6 feet: SILTY SAND (SM); grayish-brown; 20% fines; 80% sand; micaceous; wet.
18									
19									
20									

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) GW = Groundwater 4) "W" in sample name indicates groundwater.

Water level observed time of drilling.

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Depth (feet, BGS)	Well Details	Interval	Percent Recovery	Sample Data			Blows/6"	Lithologic Column	Soil Description
				Collection Method	Number	Name (Type)			
21			100	GP					
22									
23									
24									
25					96	GP			
26									
27									26.6 to 28.3 feet: SILTY SAND (SM); dark brown; wet.
28									
29									28.3 to 28.5 feet: SAND (SP); reddish-brown; fine; wet. 28.5 to 28.8 feet: SAND (SP); gray; trace fines; fine; wet. 28.8 to 29.3 feet: SANDY SILT (ML); reddish-brown; 50% fines; 50% sand, fine; wet.
30					100	GP GW	GP80-W-30.0		29.3 to 29.8 feet: SANDY SILT (ML); dark gray; 30% sand, fine; 70% sand; wet. 29.8 to 30.0 feet: No Recovery. 30.0 to 35.0 feet: CLAY (CL); gray.
31									
32									
33									
34									
35									

Total Depth: 35.0 feet below ground surface.

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) GW = Groundwater 4) "W" in sample name indicates groundwater.



Water level observed time of drilling.

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
GP81

Sheet
1 of 2

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **6/21/2011 to 6/21/2011**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

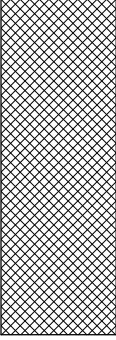

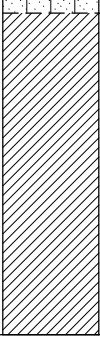
TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **25.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data					Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Number	Name (Type)			
1		100	GP					0 to 6.1 feet: SANDY SILT (ML); dark brown; trace organics; 70% fines; 30% sand, fine to medium; damp.	
2									
3									
4									
5			100	GP					
6									6.1 to 14.2 feet: SILTY SAND (SM); dark brown; 40% fines; 60% sand; micaceous; wet.
7									
8									
9									
10			100	GP					
11									
12									
13									
14									
15			100	GP					14.2 to 16.3 feet: SANDY SILT (ML); dark brown; medium plasticity; wet.
16									
17									16.3 to 20.4 feet: SILTY SAND (SM); dark brown; 20% fines; 80% sand, fine to medium; wet.
18									
19				GW		GP81-W-19.0			
20									

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) GW = Groundwater 4) "W" in sample name indicates groundwater.

Water level observed time of drilling.

GBLWC: W:\GINT\GINT\PROJECTS\8006.31\8006.31\B5-B11\GP25-67\MW1-MMW7.GPJ 2/10/17

Depth (feet, BGS)	Well Details	Interval	Percent Recovery	Sample Data			Blows/6"	Lithologic Column	Soil Description
				Collection Method	Number	Name (Type)			
21			100	GP					@ 20.3 feet: Color turns to bluish-gray. 20.4 to 25.0 feet: CLAY (CL); brownish gray.
22									
23									
24									
25									

Total Depth: 25.0 feet below ground surface.

NOTES: 1) bgs = below ground surface. 2) GP = Geoprobe. 3) GW = Groundwater 4) "W" in sample name indicates groundwater.



Water level observed time of drilling.

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.04

Well Number
GP82

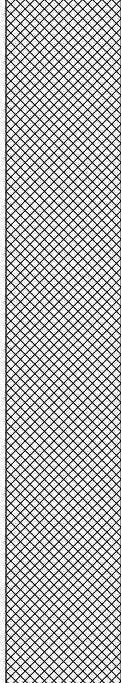

Sheet
1 of 2

Project Name **URIC Park Laundry**
 Project Location **Ridgefield, Washington**
 Start/End Date **09/17/14 to 09/17/14**
 Driller/Equipment **Cascade Drilling, Inc./Geoprobe**
 Geologist/Engineer **S. Harvester**
 Sample Method **Geoprobe**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **30.0-feet**
 Outer Hole Diam **2-inch**

Depth (feet, BGS)	Well Details	Sample Data				Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Name (Type)			
1		80	GP				0 to 1.0 feet: ORGANIC SANDY SILT (OL); brown; 60% fines, nonplastic; 30% sand; trace gravel, fine, round; dry.	
2							1.0 to 6.0 feet: SILTY SAND (SM); brown; 40% fines, nonplastic; 60% sand, fine, well graded; dry.	
3								
4								
5		100	GP					
6								6.0 to 18.5 feet: SAND with SILT (SP-SM); brown with red mottling; 10% fines, nonplastic; 90% sand, fine, poorly graded; moist.
7								
8								
9								
10		100	GP					
11								
12								
13								@ 13.0 feet: Wet.
14								
15		100	GP					
16								
17								
18								
19								18.5 to 29.5 feet: SILTY SAND (SM); brown with red mottling; 40% fines; 60% sand; wet.
20								

NOTES: 1) GP = Geoprobe. 2) ppm = parts per million. 3) PID = Photo ionization detector, soil head space reading in ppm. 4) bgs = below ground surface.

Depth (feet, BGS)	Well Details	Interval	Percent Recovery	Sample Data			Blows/6"	Lithologic Column	Soil Description
				Collection Method	Number	Name (Type)			
21			100	GP					
22			100						
23									
24									
25									
26									
27									
28						PID = 0.2 GP82-S-27.5			
29									@ 28.7 feet: Color change to gray.
30									29.5 to 30.0 feet: CLAY (CL); gray; 100% fines; wet.

Total Depth = 30.0 feet below ground surface.

NOTES: 1) GP = Geoprobe. 2) ppm = parts per million. 3) PID = Photo ionization detector, soil head space reading in ppm. 4) bgs = below ground surface.

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.04

Well Number
GP83

Sheet
1 of 2

Project Name **URIC Park Laundry**
 Project Location **Ridgefield, Washington**
 Start/End Date **09/17/14 to 09/17/14**
 Driller/Equipment **Cascade Drilling, Inc./Geoprobe**
 Geologist/Engineer **S. Harvester**
 Sample Method **Geoprobe**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **25.0-feet**
 Outer Hole Diam **2-inch**

Depth (feet, BGS)	Well Details	Interval	Percent Recovery	Sample Data			Blows/6"	Lithologic Column	Soil Description
				Collection Method	Number	Name (Type)			
1		80		GP				0 to 0.5 feet: ORGANIC SANDY SILT (OL); brown; 60% fines, nonplastic; 30% sand; trace gravel, fine, round; dry. 0.5 to 8.5 feet: SILTY SAND (SM); brown; 40% fines, nonplastic; 60% sand, fine, well graded; dry.	
2									
3									
4									
5			100		GP				
6									
7									
8									
9									8.5 to 12.5 feet: SAND with SILT (SP-SM); brown with reddish-orange lens; 10% fines, nonplastic; 90% sand, fine, poorly graded; moist to wet.
10			100		GP				
11									
12									@ 11.3 to 11.5 feet: SILT (ML); yellowish-brown. @ 11.5 feet: Wet.
13									12.5 to 20.1 feet: SILTY SAND (SM); brown with reddish-orange mottling; 40% fines; 60% sand, fine, poorly graded; wet.
14									
15			100		GP				
16									
17									
18									
19									
20									

GP83-S-19.0
PID = 0.2

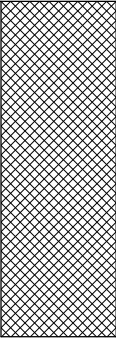

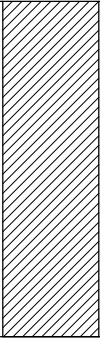
NOTES: 1) GP = Geoprobe. 2) ppm = parts per million. 3) PID = Photo ionization detector, soil head space reading in ppm. 4) bgs = below ground surface.

Geologic Borehole Log/Well Construction

Project Number
8006.31.04

Well Number
GP83

Sheet
2 of 2

Depth (feet, BGS)	Well Details	Interval	Percent Recovery	Sample Data			Blows/6"	Lithologic Column	Soil Description
				Collection Method	Number	Name (Type)			
21			100	GP					20.1 to 25.0 feet: CLAY (CL); orangish-brown with gray mottling; 100% fines, high plasticity, compact; trace black fines in gray mottling; moist.
22									
23									
24									
25									

Total Depth = 25.0 feet below ground surface.

NOTES: 1) GP = Geoprobe. 2) ppm = parts per million. 3) PID = Photo ionization detector, soil head space reading in ppm. 4) bgs = below ground surface.

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.04

Well Number
GP84

Sheet
1 of 1

Project Name **URIC Park Laundry**
 Project Location **Ridgefield, Washington**
 Start/End Date **09/17/14 to 09/17/14**
 Driller/Equipment **Cascade Drilling, Inc./Geoprobe**
 Geologist/Engineer **S. Harvester**
 Sample Method **Geoprobe**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **15.0-feet**
 Outer Hole Diam **2-inch**

Depth (feet, BGS)	Well Details	Sample Data				Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Name (Type)			
1		60	GP				0 to 0.5 feet: ORGANIC TOPSOIL.	
2							0.5 to 3.0 feet: SILT WITH SAND (ML); brown; 80% fines, nonplastic; 20% sand, fine, well graded.	
3							3.0 to 5.0 feet: No recovery.	
4								
5		100	GP				5.0 to 13.0 feet: SILTY SAND (SM); tannish-brown with reddish-brown mottling; 40% fines; 60% sand, fine, poorly graded; micaceous; dry to moist.	
6					PID = 0.2			
7								
8								
9								
10		70	GP				@ 10.0 feet: Color change to dark gray; rock in shoe.	
11								
12					GP84-S-12.0			
13					PID = 0.4		13.0 to 13.5 feet: CLAY (CL); bluish-gray; 100% fines.	
14							13.5 to 15.0 feet: No recovery.	
15								

Total Depth = 15.0 feet below ground surface.

NOTES: 1) GP = Geoprobe. 2) ppm = parts per million. 3) PID = Photo ionization detector, soil head space reading in ppm. 4) bgs = below ground surface.

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.04

Well Number
GP85

Sheet
1 of 1

Project Name **URIC Park Laundry**
 Project Location **Ridgefield, Washington**
 Start/End Date **09/17/14 to 09/17/14**
 Driller/Equipment **Cascade Drilling, Inc./Geoprobe**
 Geologist/Engineer **S. Harvester**
 Sample Method **Geoprobe**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **20.0-feet**
 Outer Hole Diam **2-inch**

Depth (feet, BGS)	Well Details	Sample Data				Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Name (Type)			
0		100	GP				0 to 0.5 feet: ASPHALT.	
1							0.5 to 3.0 feet: SILT (ML); dark reddish-brown; 90% fines, nonplastic; 10% sand, fine; dry to moist.	
2							@ 2.0 to 3.0 feet: Color change to dark reddish-brown with tan mottling.	
3							3.0 to 18.0 feet: SILTY SAND (SM); brown; 40% fines, low plasticity; 60% sand, fine, poorly graded; moist to wet.	
4								
5		100	GP					
6								
7								
8								
9					PID = 0.2			
10		100	GP				@ 9.9 feet: Wet.	
11								
12								
13								
14								
15		100	GP					
16								
17								
18					GP85-S-17.0			
19					PID = 0.3		18.0 to 20.0 feet: CLAY (CL); bluish-gray; 100% fines, high plasticity; moist.	
20							Total Depth = 20.0 feet below ground surface.	

NOTES: 1) GP = Geoprobe. 2) ppm = parts per million. 3) PID = Photo ionization detector, soil head space reading in ppm. 4) bgs = below ground surface.

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Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.04

Well Number
GP86

Sheet
1 of 1

Project Name **URIC Park Laundry**
 Project Location **Ridgefield, Washington**
 Start/End Date **09/17/14 to 09/17/14**
 Driller/Equipment **Cascade Drilling, Inc./Geoprobe**
 Geologist/Engineer **S. Harvester**
 Sample Method **Geoprobe**

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **15.0-feet**
 Outer Hole Diam **2-inch**

Depth (feet, BGS)	Well Details	Sample Data				Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Name (Type)			
1		80	GP				0 to 1.5 feet: ORGANIC TOPSOIL; brown; dry.	
2							1.5 to 4.0 feet: SILT (ML); reddish-brown with tan mottling; 90% fines; 10% sand; dry to moist.	
3								
4							4.0 to 5.0 feet: No recovery.	
5		100	GP				5.0 to 12.5 feet: SILT (ML); reddish-brown with tan mottling; 90% fines; 10% sand; dry to moist.	
6					PID = 0.2		@ 6.0 feet: Color change to brown.	
7								
8								
9							@ 8.5 feet: Wet.	
10		100	GP					
11								
12								
13					GP86-S-13.0 PID = 0.8		12.5 to 14.5 feet: SILTY SAND (SM); grayish-brown with dark reddish-brown mottling; 40% fines; 60% sand; micaceous; wet.	
14								
15							14.5 to 15.0 feet: CLAY (CL); tan with reddish-orange mottling; 100% fines.	

Total Depth = 15.0 feet below ground surface.

NOTES: 1) GP = Geoprobe. 2) ppm = parts per million. 3) PID = Photo ionization detector, soil head space reading in ppm. 4) bgs = below ground surface.

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
MW01

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **6/15/2011 to 6/15/2011**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet) **85.20**
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **15.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data			Blows/6"	Lithologic Column	Soil Description	
		Interval	Percent Recovery	Collection Method				
1		80	GP				0 to 0.5 feet: SILTY SANDY GRAVEL; Dark gray; fill.	
2							0.5 to 4.0 feet: SANDY SILT (ML); dark reddish-brown; 60% fines; 40% sand; damp.	
3								
4								
5							4.0 to 5.0 feet: No recovery.	
6			100	GP				5.0 to 10.5 feet: SILTY SAND (SM); dark reddish-brown; 40% fines, low plasticity; 60% sand, fine to medium; micaceous; wet.
7								
8								
9								
10			100	GP				10.5 to 13.0 feet: SILTY SAND (SM); grayish-brown; 10% fines; 90% sand, fine to medium; micaceous; wet.
11								
12								
13								
14								13.0 to 15.0 feet: CLAY (CL); grayish-brown; 100% fines.
15								

Total Depth: 15.0 feet below ground surface.

NOTES: 1) GP = Geoprobe. 2) GW = Groundwater. 3) MW = Monitoring well.

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Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
MW02

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **6/15/2011 to 6/15/2011**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet) **84.78**
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **20.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data				Blows/6"	Lithologic Column	Soil Description	
		Interval	Percent Recovery	Collection Method	Number				Name (Type)
1		100		GP				0 to 5.8 feet: SANDY SILT (ML); dark reddish-brown; 60% fines; 40% sand; damp.	
2									
3									
4									
5									
6			100		GP				5.8 to 13.5 feet: SILTY SAND (SM); dark reddish-brown; 40% fines, low plasticity; 60% sand, fine to medium; micaceous; wet.
7									
8									
9									
10			100		GP				
11									
12									
13									
14									13.5 to 14.5 feet: SILTY SAND (SM); grayish-brown; 10% fines; 90% sand; fine to medium; micaceous; wet.
15			100		GP				14.5 to 20.0 feet: CLAY (CL); grayish-brown; 100% fines.
16									
17									
18									
19									
20									Total Depth: 20.0 feet below ground surface.

NOTES: 1) GP = Geoprobe. 2) GW = Groundwater. 3) MW = Monitoring well.

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Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
MW03

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **6/15/2011 to 6/15/2011**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet) **84.70**
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **20.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data			Blows/6"	Lithologic Column	Soil Description	
		Interval	Percent Recovery	Collection Method				
1		80	GP				0 to 3.5 feet: SILT (ML); dark brown; 95% fines; 5% sand; organics; damp.	
2								
3								
4								3.5 to 4.0 feet: SANDY SILT (ML); dark reddish-brown; 60% fines; 40% sand; damp.
5								4.0 to 5.0 feet: No recovery.
6			100	GP				5.0 to 10.0 feet: SILTY SAND (SM); dark reddish-brown; 40% fines, low plasticity; 60% sand, fine to medium; micaceous; wet.
7								
8								
9								
10			100	GP				10.0 to 15.0 feet: SILTY SAND (SM); grayish-brown; 10% fines; 90% sand, fine to medium; micaceous; wet.
11								
12								@ 12.0 feet: Color change to bluish-green.
13								
14								
15			100	GP				15.0 to 20.0 feet: CLAY (CL); grayish-brown; 100% fines.
16								
17								
18								
19								
20								Total Depth: 20.0 feet below ground surface.

NOTES: 1) GP = Geoprobe. 2) GW = Groundwater. 3) MW = Monitoring well.

GBLWC: \\A:\GINTG\INTWP\PROJECTS\8006.31\8006.31\B5-B11\GP25-67\MW1-MW7.GPJ 2/10/17



Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
MW04

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **6/16/2011 to 6/16/2011**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet) **83.05**
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **20.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data			Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method			
1		100	GP			0 to 0.3 feet: ASPHALT; black. 0.3 to 0.8 feet: SILTY SANDY GRAVEL (FILL); dark gray; dry. 0.8 to 6.1 feet: SANDY SILT (ML); reddish-brown.	
2							
3							
4							
5		100	GP				
6						6.1 to 9.5 feet: SILTY SAND (SM); reddish-brown; wet; micaceous.	
7							
8							
9							
10		100	GP			9.5 to 16.4 feet: SILTY SAND (SM); gray; 10% fines; 90% sand, fine; wet.	
11							
12							
13							
14							
15		100	GP				
16							
17						17.0 to 20.0 feet: CLAY (CL); light brown, dense.	
18						@ 18.0 feet: Clay turns to blue.	
19							
20						Total Depth: 20.0 feet below ground surface.	

NOTES: 1) GP = Geoprobe. 2) GW = Groundwater. 3) MW = Monitoring well.

GBLWC WA\GINTGINT\PROJECTS\8006.31\8006.31.B5-B11.GP25-67.MW1-MW7.GPJ 2/10/17



Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
MW05

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **6/15/2011 to 6/15/2011**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet) **83.46**
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **20.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data			Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method			
1		100	GP			0 to 0.3 feet: Concrete. 0.3 to 0.9 feet: SILTY SANDY GRAVEL (FILL); dark gray; dry. 0.9 to 5.8 feet: SANDY SILT (ML); reddish-brown.	
2							
3							
4							
5		100	GP				
6						5.8 to 9.0 feet: SILTY SAND (SM); reddish-brown; micaceous; wet.	
7							
8							
9							
10		100	GP			9.0 to 10.5 feet: SILTY SAND (SM); gray; 10% fines; 90% sand, fine; wet.	
11						10.5 to 17.0 feet: SILTY SAND (SM); reddish-brown; wet.	
12							
13							
14							
15		80	GP				
16							
17							
18						17.0 to 19.0 feet: CLAY (CL); light brown; dense.	
19						19.0 to 20.0 feet: No recovery.	
20						Total Depth: 20.0 feet below ground surface.	

NOTES: 1) GP = Geoprobe. 2) GW = Groundwater. 3) MW = Monitoring well.

GBLWC: \\A:\GINT\GINT\PROJECTS\8006.31\B5-B11\GP25-67\MW1-MW7.GPJ 2/10/17



Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
MW06

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **6/17/2011 to 6/17/2011**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet) **85.11**
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **20.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data			Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method			
1		100	GP				0 to 0.2 feet: ASPHALT. 0.2 to 0.8 feet: SILTY SANDY GRAVEL (FILL); dark gray. 0.8 to 6.2 feet: SANDY SILT (ML); dark brown; trace organics; medium plasticity; micaceous; dry.
2							
3							
4							
5		80	GP				
6							
7							6.2 to 9.0 feet: SILTY SAND (SM); brown; 50% fines; 50% sand, fine to medium; wet.
8							
9							9.0 to 10.0 feet: No recovery.
10		62	GP				10.0 to 11.7 feet: SILTY SAND (SM); gray with brown mottling; 40% fines; 60% sand, fine to medium; wet.
11							
12							11.7 to 13.1 feet: SILTY SAND (SM); dark brown; 60% fines; 40% sand, fine to medium; micaceous; wet.
13							13.1 to 15.0 feet: No recovery.
14							
15		100	GP				15.0 to 17.1 feet: SILTY SAND (SM); dark brown; 20% fines; 80% sand, fine to medium; wet.
16							
17							17.1 to 20.0 feet: CLAY (ML); brown; dense.
18							
19							
20							Total Depth: 20.0 feet below ground surface.

NOTES: 1) GP = Geoprobe. 2) GW = Groundwater. 3) MW = Monitoring well.

GBLWC WA\GINTGINT\PROJECTS\8006.31\8006.31.B5-B11.GP25-67.MW1-MW7.GPJ 2/10/17



Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
MW07

Sheet
1 of 1

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, Washington**
 Start/End Date **6/16/2011 to 6/16/2011**
 Driller/Equipment **Cascade Drilling, L.P./Geoprobe**
 Geologist/Engineer **Justin Pounds**
 Sample Method **2-inch core barrel**

TOC Elevation (feet) **82.01**
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **20.0-feet**
 Outer Hole Diam **2.25-inch**

Depth (feet, BGS)	Well Details	Sample Data			Blows/6"	Lithologic Column	Soil Description	
		Interval	Percent Recovery	Collection Method				
1		100	GP				0 to 5.9 feet: SANDY SILT (ML); dark brown; trace organics; medium plasticity; micaceous; dry.	
2								
3								
4								
5			100	GP				
6								5.9 to 7.2 feet: SILTY SAND (SM); brown; 50% fines; 50% sand, fine to medium; wet.
7								
8								7.2 to 14.2 feet: SILTY SAND (SM); gray with brown mottling; 40% fines; 60% sand, fine to medium; wet.
9								
10			84	GP				
11								
12								
13								
14								
15								14.2 to 15.0 feet: No Recovery.
16			90	GP				15.0 to 15.9 feet: SILTY SAND (SM); dark brown; 20% fines; 80% sand, fine to medium; wet.
17								15.9 to 19.5 feet: CLAY (ML); brown; dense.
18								
19								
20								19.5 to 20.0 feet: No Recovery. Total Depth: 20.0 feet below ground surface.

NOTES: 1) GP = Geoprobe. 2) GW = Groundwater. 3) MW = Monitoring well.

GBLWC: \\A:\GINTGINT\PROJECTS\8006.31\8006.31\B5-B11\GP25-67\MW1-MW07.GPJ 2/10/17



Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
MW08

Sheet
1 of 3

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, WA**
 Start/End Date **2/20/12 to 2/20/12**
 Driller/Equipment **Cascade/Mini Sonic**
 Geologist/Engineer **Merideth D'Andrea**
 Sample Method

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **60.0-feet**
 Outer Hole Diam **6-inch**

Depth (feet, BGS)	Well Details	Sample Data			Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method			
1		100		CB			0 to 0.5 feet: TOPSOIL. Grass and roots. 0.5 to 3.0 feet: SILT (ML); brown; 100% fines; trace brick; damp.
2							
3							
4							3.0 to 5.0 feet: SILT with SAND (ML); gray; 85% fines, low plasticity, firm; 15% sand, fine; micaceous; moist.
5		0		CB			5.0 to 10.0 feet: No Recovery.
6							
7							
8							
9							
10		100		CB			10.0 to 13.0 feet: SILT with SAND (ML); gray; 85% fines, medium plasticity, soft; 15% sand, fine; micaceous; damp.
11							
12							
13							
14							13.0 to 20.0 feet: SILT (ML); light grayish-brown; 100% fines, medium to high plasticity, soft to very soft; wet.
15		100		CB			
16							
17							
18							
19							
20							

NOTES: 1) TOC = Top of casing. 2) CB = Core barrel. 3) bgs = Below ground surface.

Depth (feet, BGS)	Well Details	Interval	Percent Recovery	Sample Data			Blows/6"	Lithologic Column	Soil Description
				Collection Method	Number	Name (Type)			
21									20.0 to 30.0 feet: SILT with SAND (ML); gray; 80% fines, low plasticity, soft; 20% sand, fine; wet.
22									
23									
24									
25		100							20.0 to 30.0 feet: SILT with SAND (ML); gray; 80% fines, low plasticity, soft; 20% sand, fine; wet.
26									
27									
28									
29									30.0 to 35.0 feet: SAND (SP); yellowish-brown; 100% sand, fine to medium, loose; trace gravel, medium, round to subrounded; damp.
30		100							
31									
32									
33									35.0 to 50.0 feet: SANDY GRAVEL (GW); brownish-gray; 40% sand, fine to coarse; 60% gravel, fine to coarse, subangular to rounded; trace fines, loose; wet.
34									
35		100							
36									
37									35.0 to 50.0 feet: SANDY GRAVEL (GW); brownish-gray; 40% sand, fine to coarse; 60% gravel, fine to coarse, subangular to rounded; trace fines, loose; wet.
38									
39									
40									
41		100							
42									

NOTES: 1) TOC = Top of casing. 2) CB = Core barrel. 3) bgs = Below ground surface.

Depth (feet, BGS)	Well Details	Sample Data					Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Number	Name (Type)			
44									
45		80		CB				@ approximately 45 feet: increase in fines.	
46									
47									
48									
49									
50		100		CB				50.0 to 60.0 feet: SILTY GRAVEL with SAND (GM); gray; 30% fines; 10% sand, fine to coarse; 60% gravel, fine to coarse, subangular to rounded; dense; wet.	
51									
52									
53									
54									
55		100		CB				Total Depth: 60 feet below ground surface. <u>Borehole completion details</u> 0 to 60.0 feet bgs: 6-inch borehole. 0 to 2.0 feet bgs: Concrete. 2.0 to 42.0 feet bgs: Bentonite chips hydrated with potable water. 42.0 to 56.0 feet bgs: Filter pack sand. 56.0 to 60.0 feet bgs: Bentonite chips hydrated with potable water.	
56									
57									
58								<u>Well Completion Details</u> 0 to 1.0 feet bgs: Monument. 0.5 to 45.0 feet bgs: 2-inch diameter, PVC, schedule 40, flush threaded, blank riser. 45.0 to 55.0 feet bgs: 2-inch diameter, PVC, schedule 40, flush threaded, 0.010-inch machine slotted, well screen. 55.0 to 55.5 feet bgs: 2-inch diameter, PVC, schedule 40, flush threaded, end cap.	
59									
60									

NOTES: 1) TOC = Top of casing. 2) CB = Core barrel. 3) bgs = Below ground surface.

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
MW09

Sheet
1 of 2

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, WA**
 Start/End Date **2/20/12 to 2/20/12**
 Driller/Equipment **Cascade/Geoprobe**
 Geologist/Engineer **Meaghan Gallagher**
 Sample Method

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **25.0-feet**
 Outer Hole Diam **2-inch**

Depth (feet, BGS)	Well Details	Sample Data			Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method			
1		100	GP				0 to 1.5 feet: SILTY SAND with GRAVEL (SM); brown; 40% fines, non-plastic; 40% sand, fine to medium; 20% gravel, subround to subangular, fine to medium; damp.
2							1.5 to 5.0 feet: SANDY SILT (ML); light brown; 70% fines, low to medium plasticity; 30% sand, fine to medium; damp.
3							
4							
5		90	GP				5.0 to 7.0 feet: SILT with SAND (ML); brown; 90% fines, medium plasticity; 10% sand, fine to medium; moist.
6							
7							7.0 to 9.5 feet: SAND (SP); grayish-brown; 100% sand, medium; trace fines; damp.
8							
9							@9.0 feet: Becomes dark brown.
10		100	GP				9.5 to 10.0 feet: No recovery.
11							10.0 to 15.0 feet: SAND (SP); light brown to brown; 100% sand, medium; wet.
12							
13							@12.75 feet: Becomes gray.
14							
15		100	GP				15.0 to 25.0 feet: CLAY (CL); grayish-blue; 100% fines, high plasticity; very compact; moist.
16							
17							
18							
19							
20							

NOTES: 1) TOC = Top of casing. 2) GP = Geoprobe. 3) bgs = Below ground surface.

Depth (feet, BGS)	Well Details	Interval	Percent Recovery	Sample Data			Blows/6"	Lithologic Column	Soil Description
				Collection Method	Number	Name (Type)			
21			100	GP					
22									
23									
24									
25									

Total Depth: 25.0 feet below ground surface.

Borehole Completion Details

0 to 25.0 feet bgs: 2-inch borehole.
 0 to 1.0 feet bgs: Concrete.
 1.0 to 9.0 feet bgs: Bentonite chips hydrated with potable water.
 9.0 to 15.0 feet bgs: Filter pack sand.
 15.0 to 25.0 feet bgs: Sluff.

Well Completion Details

0 to 1.0 feet bgs: Monument.
 0.5 to 9.0 feet bgs: 2-inch diameter, PVC, schedule 40, flush threaded, blank riser.
 9.0 to 14.5 feet bgs: 2-inch diameter, PVC, schedule 40, flush threaded, 0.010-inch machine slotted, well screen.
 14.5 to 15.0 feet bgs: 2-inch diameter, PVC, schedule 40, flush threaded, end cap.

NOTES: 1) TOC = Top of casing. 2) GP = Geoprobe. 3) bgs = Below ground surface.

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
MW10

Sheet
1 of 2

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, WA**
 Start/End Date **2/20/12 to 2/20/12**
 Driller/Equipment **Cascade/Geoprobe**
 Geologist/Engineer **Meaghan Gallagher**
 Sample Method

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **30.0-feet**
 Outer Hole Diam **2-inch**

Depth (feet, BGS)	Well Details	Sample Data			Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method			
1		100	GP				0 to 5.0 feet: SILT (ML); brown; 95% fines, low plasticity; 5% sand, fine to medium; damp.
2							
3							
4							
5		80	GP				5.0 to 8.0 feet: SILTY SAND (SM); brown; 20% fines, low plasticity; 80% sand, medium; damp.
6							
7							
8							8.0 to 9.0 feet: SAND (SP); brown; 100% sand, medium; damp.
9							9.0 to 10.0 feet: No recovery.
10		80	GP				10.0 to 11.5 feet: SAND (SP); brownish-gray; 100% sand, medium to coarse, damp.
11							
12							11.5 to 14.0 feet: SAND (SP); gray; 100% sand, coarse; wet.
13							
14							14.0 to 15.0 feet: No recovery.
15		100	GP				15.0 to 17.0 feet: SAND (SP); brownish-gray; 100% sand, medium to coarse; damp.
16							
17							
18							17.0 to 20.0 feet: SAND with SILT (SW); brown; 10% fines, non-plastic; 90% sand, medium; wet.
19							
20							

NOTES: 1) TOC = Top of casing. 2) GP = Geoprobe. 3) bgs = Below ground surface.

GBLWC WA\GINTGINT\PROJECTS\8006.31\MW08-MW16.GPJ 2/10/17

Depth (feet, BGS)	Well Details	Interval	Percent Recovery	Sample Data			Blows/6"	Lithologic Column	Soil Description
				Collection Method	Number	Name (Type)			
21		100	100	GP				20.0 to 24.5 feet: SANDY SILT (ML); brown; 65% fines, non-plastic; 35% sand, fine to medium; wet.	
22								24.5 to 26.5 feet: SAND with SILT (SM); grayish-brown; 15% fines, non-plastic; 85% sand, medium; wet.	
23								26.5 to 28.5 feet: SAND (SP); brown; 100% sand, medium; wet.	
24								28.5 to 29.0 feet: SANDY SILT (ML); brown; 80% fines, non-plastic; 20% sand, fine, wet.	
25								29.0 to 30.0 feet: CLAY (CL); bluish-gray; 100% fines, medium to high plasticity.	
26									
27									
28									
29									
30									

Total Depth: 30.0 feet below ground surface.

Borehole Completion Details

0 to 30.0 feet bgs: 2-inch borehole.
 0 to 1.0 feet bgs: Concrete.
 1.0 to 24.0 feet bgs: Bentonite chips hydrated with potable water.
 24.0 to 30.0 feet bgs: Filter pack sand.

Well Completion Details

0 to 1.0 feet bgs: Monument.
 0.5 to 25.0 feet bgs: 2-inch diameter, PVC, schedule 40, flush threaded, blank riser.
 25.0 to 29.5 feet bgs: 2-inch diameter, PVC, schedule 40, flush threaded, 0.010-inch machine slotted, well screen.
 29.5 to 30.0 feet bgs: 2-inch diameter, PVC, schedule 40, flush threaded, end cap.

NOTES: 1) TOC = Top of casing. 2) GP = Geoprobe. 3) bgs = Below ground surface.

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
MW11

Sheet
1 of 2

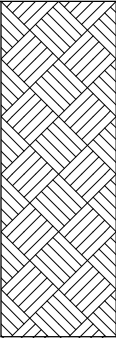

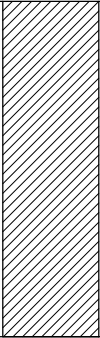
Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, WA**
 Start/End Date **2/21/12 to 2/21/12**
 Driller/Equipment **Cascade/Geoprobe**
 Geologist/Engineer **Meaghan Gallagher**
 Sample Method

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **25.0-feet**
 Outer Hole Diam **2-inch**

Depth (feet, BGS)	Well Details	Interval	Percent Recovery	Sample Data			Blows/6"	Lithologic Column	Soil Description
				Collection Method	Number	Name (Type)			
1		100		GP				0 to 6.7 feet: SILT with SAND (ML); brown; 85-90% fines, non-plastic to low plasticity; 10-15% sand, fine; damp.	
2									
3									
4									
5									
6		100		GP					
7								6.7 to 9.0 feet: SANDY SILT (ML); brown; 85% fines, non-plastic to low plasticity; 15% sand, fine; damp. @7.5 feet: becomes light brown.	
8									
9									
10		100		GP				9.0 to 15.0 feet: SAND (SP); light brown; 100% sand, fine to medium; moist. @11.5 feet: Becomes wet.	
11									
12									
13									
14									
15		100		GP				15.0 to 17.7 feet: SILTY SAND (SM); brown; 30-40% fines, non-plastic; 60-70% sand, fine to medium; wet.	
16									
17									
18								17.7 to 19.0 feet: SILT (ML); brown; 100% fines, non-plastic; wet.	
19									
20								19.0 to 25.0 feet: CLAY (CL); light brown; 100% fines, non-plastic; very compacted, dry to damp. @19.5 feet: becomes grayish-blue and damp.	

NOTES: 1) TOC = Top of casing. 2) GP = Geoprobe. 3) bgs = Below ground surface.

GBLWC WA\GINTGINT\PROJECTS\8006.31\MW08-MW16.GPJ 2/10/17

Depth (feet, BGS)	Well Details	Interval	Percent Recovery	Sample Data			Blows/6"	Lithologic Column	Soil Description
				Collection Method	Number	Name (Type)			
21			100	GP					
22									
23									
24									
25									

Total Depth: 25.0 feet below ground surface.

Borehole Completion Details

0 to 25.0 feet bgs: 2-inch borehole.
 0 to 1.0 feet bgs: Concrete.
 1.0 to 14.0 feet bgs: Bentonite chips hydrated with potable water.
 14.0 to 20.0 feet bgs: Filter pack sand.
 20.0 to 25.0 feet bgs: Sluff.

Well Completion Details

0 to 1.0 feet bgs: Monument.
 0.5 to 15.0 feet bgs: 2-inch diameter, PVC, schedule 40, flush threaded, blank riser.
 15.0 to 19.5 feet bgs: 2-inch diameter, PVC, schedule 40, flush threaded, 0.010-inch machine slotted, well screen.
 19.5 to 20.0 feet bgs: 2-inch diameter, PVC, schedule 40, flush threaded, end cap.

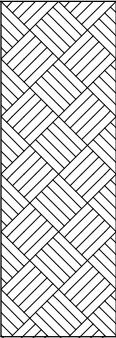

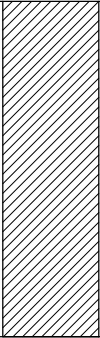
NOTES: 1) TOC = Top of casing. 2) GP = Geoprobe. 3) bgs = Below ground surface.

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, WA**
 Start/End Date **2/21/12 to 2/21/12**
 Driller/Equipment **Cascade/Geoprobe**
 Geologist/Engineer **Meaghan Gallagher**
 Sample Method

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **25.0-feet**
 Outer Hole Diam **2-inch**

Depth (feet, BGS)	Well Details	Interval	Percent Recovery	Collection Method	Sample Data			Blows/6"	Lithologic Column	Soil Description
					Number	Name (Type)				
1										0 to 6.0 feet: SILT (ML); brown; 100% fines, non-plastic; wet.
2										
3										
4										
5										
6										6.0 to 10.5 feet: SILT with SAND (ML); brown; 90-95% fines, non-plastic; 5-10% sand, fine; damp.
7										
8										
9										
10										@10.0 feet: becomes moist.
11										10.5 to 12.0 feet: SANDY SILT (ML); brown; 75% fines, non-plastic; 25% sand, fine; wet.
12										
13										12.0 to 20.0 feet: SILTY SAND (SM); brown to reddish-brown; 20% fines, non-plastic; 80% sand, fine to medium; wet.
14										
15										
16										
17										
18										
19										@19.0 feet: fines increase to 40%.
20										

NOTES: 1) TOC = Top of casing. 2) GP = Geoprobe. 3) bgs = Below ground surface.

Depth (feet, BGS)	Well Details	Interval	Percent Recovery	Sample Data			Blows/6"	Lithologic Column	Soil Description
				Collection Method	Number	Name (Type)			
21			100	GP					20.0 to 25.0 feet: CLAY (CL); grayish-blue; 100% fines, high plasticity, very compact; moist.
22									
23									
24									
25									

Total Depth: 25.0 feet below ground surface.

Borehole Completion Details

0 to 25.0 feet bgs: 2-inch borehole.
 0 to 1.0 feet bgs: Concrete.
 1.0 to 14.0 feet bgs: Bentonite chips hydrated with potable water.
 14.0 to 20.0 feet bgs: Filter pack sand.
 20.0 to 25.0 feet bgs: Sluff.

Well Completion Details

0 to 1.0 feet bgs: Monument.
 0.5 to 15.0 feet bgs: 2-inch diameter, PVC, schedule 40, flush threaded, blank riser.
 15.0 to 19.5 feet bgs: 2-inch diameter, PVC, schedule 40, flush threaded, 0.010-inch machine slotted, well screen.
 19.5 to 20.0 feet bgs: 2-inch diameter, PVC, schedule 40, flush threaded, end cap.

NOTES: 1) TOC = Top of casing. 2) GP = Geoprobe. 3) bgs = Below ground surface.

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
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Well Number
MW14

Sheet
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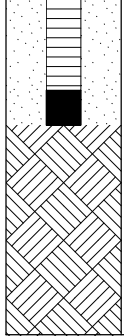
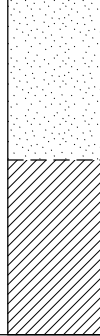
Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, WA**
 Start/End Date **2/22/12 to 2/22/12**
 Driller/Equipment **Cascade/Geoprobe**
 Geologist/Engineer **Meaghan Gallagher**
 Sample Method

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **25.0-feet**
 Outer Hole Diam **2-inch**

Depth (feet, BGS)	Well Details	Sample Data			Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method			
1		58	GP			0 to 1.2 feet: SANDY GRAVEL (GWS); light brown with white; 40% sand, medium to coarse; 60% gravel, fine to medium, subround to subangular; trace fines; dry.	
2						1.2 to 2.9 feet: SANDY SILT (ML); grayish-brown; 75% to 80% fines, non-plastic; 20% to 25% sand, fine to medium; damp.	
3						2.9 to 5.0 feet: No recovery.	
4							
5		92	GP			5.0 to 6.6 feet: SILTY SAND with GRAVEL (SM); light brown; 25% to 30% fines, non-plastic; 60% sand, medium to coarse; 10% to 15% gravel, fine to medium, round to subround; damp.	
6						6.6 to 9.6 feet: SANDY SILT (ML); brown; 70% fines, non-plastic; 30% sand, fine to medium; damp.	
7							
8							
9							
10		100	GP			9.6 to 10.0 feet: No recovery. 10.0 to 10.3 feet: SANDY SILT (ML); brown; 70% fines, non-plastic; 30% sand, fine to medium; damp.	
11						10.3 to 12.3 feet: SILT (ML); grayish-brown; 100% fines, low plasticity; moist.	
12							
13						12.3 to 15.0 feet: SANDY SILT (ML); orangish-brown; 75% fines, non-plastic to low plasticity; 25% sand, fine to medium.	
14							
15		100	GP			15.0 to 16.5 feet: SILTY SAND (SM); orangish-brown; 40% fines, non-plastic; 60% sand, fine to medium; wet.	
16						16.5 to 18.9 feet: SAND (SP); orangish-brown; 100% sand, fine; wet.	
17							
18							
19						18.9 to 20.0 feet: SANDY SILT (ML); grayish-brown; 60% fines, non-plastic; 40% sand, fine; wet.	
20							

NOTES: 1) TOC = Top of casing. 2) GP = Geoprobe. 3) bgs = Below ground surface.

GBLWC WA\GINTGINT\PROJECTS\8006.31\MW08-MW16.GPJ 2/10/17

Depth (feet, BGS)	Well Details	Interval	Percent Recovery	Sample Data			Blows/6"	Lithologic Column	Soil Description
				Collection Method	Number	Name (Type)			
21		100	GP					20.0 to 22.5 feet: SAND (SP); light brown; 100% sand, fine to medium; wet.	
22								22.5 to 25.0 feet: CLAY (CL); grayish-blue; 100% fines, high plasticity; damp.	
23									
24									
25									

Total Depth feet: 25.0 feet below ground surface.

Borehole Completion Details

- 0 to 25.0 feet bgs: 2-inch borehole.
- 0 to 1.0 feet bgs: Concrete.
- 1.0 to 16.0 feet bgs: Bentonite chips hydrated with potable water.
- 16.0 to 22.0 feet bgs: Filter pack sand.
- 22.0 to 25.0 feet bgs: Sluff.

Well Completion Details

- 0 to 1.0 feet bgs: Monument.
- 0.5 to 17.0 feet bgs: 2-inch diameter, PVC, schedule 40, flush threaded, blank riser.
- 17.0 to 21.5 feet bgs: 2-inch diameter, PVC, schedule 40, flush threaded, 0.010-inch machine slotted, well screen.
- 21.5 to 22.0 feet bgs: 2-inch diameter, PVC, schedule 40, flush threaded, end cap.

NOTES: 1) TOC = Top of casing. 2) GP = Geoprobe. 3) bgs = Below ground surface.

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
MW15

Sheet
1 of 4

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, WA**
 Start/End Date **2/27/12 to 2/28/12**
 Driller/Equipment **Cascade/Mini Sonic**
 Geologist/Engineer **Meaghan Gallagher**
 Sample Method

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **70.0-feet**
 Outer Hole Diam **6-inch**

Depth (feet, BGS)	Well Details	Sample Data			Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method			
1		100		CB			0 to 5.5 feet: SILTY CLAY (CL); brown; 100% fines, low-plasticity to medium-plasticity; trace sand, fine; damp; slight odor.
2							
3							
4							
5		100		CB			5.5 to 6.8 feet: SILT with SAND (SP-SM); brown; 85% to 90% fines, non-plastic to low plasticity; 10% to 15% sand, fine; damp.
6							6.8 to 7.4 feet: SILTY SAND (SM); brown; 25% to 30% fines; non-plastic; 70% to 75% sand, fine; damp.
7							7.4 to 8.4 feet: SAND (SP); grayish-brown; 100% sand, fine; damp.
8							8.4 to 11.5 feet: SAND with SILT (SP-SM); grayish-brown; 10% to 15% fines, non-plastic; 85% to 90% sand, fine; damp.
9		100		CB			11.5 to 12.5 feet: SILTY SAND (SM); grayish-brown; 40% fines, non-plastic; 60% sand, fine; damp to moist.
10							12.5 to 13.2 feet: SANDY SILT (ML); grayish-brown; 65% to 70% fines, non-plastic; 30% to 35% sand, fine; damp.
11							13.2 to 15.0 feet: CLAY (CL); grayish-brown; 100% fines, medium to high plasticity, very compact; damp.
12		100		CB			15.0 to 15.7 feet: SILT (ML); light brown; 100% fines, none to low plasticity; moist.
13							15.7 to 17.5 feet: CLAY (CL); grayish-brown; 100% fines, high plasticity; trace sand, coarse; moist.
14							17.5 to 18.3 feet: CLAY with SAND (CL); brown; 90% fines, non-plastic; 10% sand, coarse; damp.
15							18.3 to 19.4 feet: CLAY (CL); grayish-brown; 100% fines, high plasticity; trace sand, coarse; moist.
16							19.4 to 20.0 feet: SILTY SAND with GRAVEL (SM); 20% to 25% fines, non-plastic; 70% sand, coarse; 5% to 10% gravel, medium to
17							
18							
19							
20							

NOTES: 1) TOC = Top of casing. 2) CB = Core barrel. 3) bgs = Below ground surface.

Depth (feet, BGS)	Well Details	Interval	Percent Recovery	Sample Data			Blows/6"	Lithologic Column	Soil Description
				Collection Method	Number	Name (Type)			
21			40	CB				coarse, round to subround.	
22								20.0 to 22.0 feet: SILTY GRAVEL with SAND (GM); gray; 20% to 25% fines, non-plastic; 10% to 15% sand, medium to coarse; 65% gravel, fine to coarse, angular to round; gravel increases with depth; sample temperature elevated from drilling action; wet, transition to dry.	
23								22.0 to 25.0 feet: No recovery.	
24									
25			100	CB				25.0 to 27.1 feet: SILTY SANDY GRAVEL (GW); dark brown; 20% fines, non-plastic to low plasticity; 20% sand, fine to medium; 60% gravel, medium to coarse, angular to round; slight odor; damp.	
26								@26.0 feet: Becomes dry, rock pulverized from drilling action.	
27								27.1 to 30.0 feet: SANDY GRAVEL (GW); brown; 25% sand, medium to coarse; 75% gravel, fine to coarse, angular to round; damp.	
28									
29									
30			50	CB				30.0 to 32.0 feet: SILTY SANDY GRAVEL (GW); gray; 20% fines, non-plastic to low plasticity; 20% sand, fine to medium; 60% gravel, medium to coarse, angular to round; dry, pulverized from drilling.	
31								@30.85 feet: Becomes wet.	
32								32.0 to 32.5 feet: SAND (SW); 100% sand, medium to coarse; trace fines; wet.	
33								32.5 to 35.0 feet: No recovery.	
34									
35			80	CB				35.0 to 36.8 feet: SILTY GRAVEL (GM); dark grayish-brown; 25% fines, none to low plasticity; 75% gravel, fine to coarse, angular to round; fines increase with depth; damp.	
36									
37								36.8 to 39.0 feet: SANDY GRAVEL (GW); dark brown; 25% sand, medium to coarse; 75% gravel, fine to coarse, angular to round; trace fines; pulverized rock from 37.1 to 37.4 feet; damp.	
38									
39								39.0 to 45.0 feet: No recovery.	
40			0	CB					
41									
42									

NOTES: 1) TOC = Top of casing. 2) CB = Core barrel. 3) bgs = Below ground surface.

Depth (feet, BGS)	Well Details	Interval	Percent Recovery	Sample Data			Blows/6"	Lithologic Column	Soil Description
				Collection Method	Number	Name (Type)			
44									
45									
46		100		CB				45.0 to 46.5 feet: SANDY GRAVEL with SILT (GW); brown; 10% fines, non-plastic; 20% sand, medium to coarse; 70% gravel, fine to coarse, subangular to round; wet.	
47									
48									
49									
50		100		CB				46.5 to 54.0 feet: SAND with GRAVEL (SW); brown; 90% sand, medium to coarse; 10% gravel, coarse, round; gravel increases with depth; wet.	
51									
52									
53									
54									
55		100		CB				54.0 to 55.0 feet: SILTY GRAVEL with SAND (GM); brown; 30% fines, non-plastic; 10% sand, fine to medium; 60% gravel, medium to coarse, subround to round; wet.	
56								55.0 to 59.0 feet: SANDY GRAVEL (GW); brown; 25% sand, medium to coarse; 75% gravel, medium to coarse, angular to round; wet.	
57									
58									
59									
60		100		CB				59.0 to 60.0 feet: GRAVEL (GW); 100% gravel, medium to coarse, subround to round.	
61								60.0 to 61.3 feet: SILTY SANDY GRAVEL (GW); brown; 20% fines, non-plastic; 20% sand, medium to coarse; 60% gravel, medium to coarse, angular to round; wet.	
62								61.3 to 65.0 feet: SANDY GRAVEL (GW); brown; 40% sand, medium to coarse; 60% gravel, medium to coarse, subround to round; moist.	
63									
64									
65		100		CB				65.0 to 70.0 feet: SILTY GRAVEL with SAND (GM); grayish-brown; 25% to 30% fines, none to low plasticity; 10% to 15% sand, fine to	

NOTES: 1) TOC = Top of casing. 2) CB = Core barrel. 3) bgs = Below ground surface.

Depth (feet, BGS)	Well Details	Interval	Percent Recovery	Sample Data			Blows/6"	Lithologic Column	Soil Description
				Collection Method	Number	Name (Type)			
66								medium; 60% gravel, medium to coarse, subangular to round; fines increase with depth; moist, becomes damp with depth.	
67									
68									
69									
70									

Total Depth: 70.0 feet below ground surface.

Borehole Completion Details

0 to 70.0 feet bgs: 6-inch borehole.
 0 to 1.0 feet bgs: Concrete.
 2.0 to 5.0 feet bgs: Sluff.
 5.0 to 53.0 feet bgs: Bentonite chips hydrated with potable water.
 53.0 to 65.0 feet bgs: Filter pack sand.
 65.0 to 70.0 feet bgs: Sluff.

Well Completion Details

0 to 1.0 feet bgs: Monument.
 0.5 to 55.0 feet bgs: 2-inch diameter, PVC, schedule 40, flush threaded, blank riser.
 55.0 to 64.5 feet bgs: 2-inch diameter, PVC, schedule 40, flush threaded, 0.010-inch machine slotted, well screen.
 64.5 to 65.0 feet bgs: 2-inch diameter, PVC, schedule 40, flush threaded, end cap.

NOTES: 1) TOC = Top of casing. 2) CB = Core barrel. 3) bgs = Below ground surface.

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
MW16

Sheet
1 of 4

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, WA**
 Start/End Date **2/28/12 to 2/29/12**
 Driller/Equipment **Cascade/Mini Sonic**
 Geologist/Engineer **Meaghan Gallagher**
 Sample Method

TOC Elevation (feet)
 Surface Elevation (feet)
 Northing
 Easting
 Hole Depth **70.0-feet**
 Outer Hole Diam **6-inch**

Depth (feet, BGS)	Well Details	Interval	Percent Recovery	Collection Method	Sample Data			Blows/6"	Lithologic Column	Soil Description
					Number	Name (Type)				
1			74	CB					0 to 3.7 feet: SILT (ML); medium brown; 100% fines, non-plastic; trace sand, fine; trace mica; moist.	
2										
3										
4									3.7 to 5.0 feet: No recovery.	
5			90	CB					5.0 to 7.0 feet: SANDY SILT (ML); grayish-brown; 75% fines, non-plastic; 25% sand, fine; moist.	
6										
7									7.0 to 9.5 feet: SILTY SAND (SM); gray; 20% fines, non-plastic; 80% sand, fine to medium; moist.	
8										
9										
10			100	CB					9.5 to 10.0 feet: No recovery.	
11									10.0 to 11.7 feet: SILTY SAND (SM); gray; 20% fines, non-plastic; 80% sand, fine to medium; wet.	
12									11.7 to 15.0 feet: CLAY (CL); light brown; 100% fines, high plasticity; moist.	
13										
14										
15			62	CB					15.0 to 16.3 feet: GRAVELLY CLAY (CL); light brown; 55% fines, high plasticity; 45% gravel, medium; round; moist.	
16										
17									16.3 to 18.1 feet: SILTY SANDY GRAVEL (GW); 20% fines, non-plastic; 20% sand, fine to coarse; 60% gravel, fine to coarse, angular to round; dry.	
18										
19									18.1 to 20.0 feet: No recovery.	
20										

NOTES: 1) TOC = Top of casing. 2) CB = Core barrel. 3) bgs = Below ground surface.

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.01

Well Number
MW16

Sheet
2 of 4

Depth (feet, BGS)	Well Details	Interval	Percent Recovery	Sample Data			Blows/6"	Lithologic Column	Soil Description
				Collection Method	Number	Name (Type)			
21			100	CB					20.0 to 22.0 feet: SANDY GRAVEL (GW); grayish-brown; 40% sand, medium to coarse; 60% gravel, medium to coarse, subangular to round; damp.
22									
23									22.0 to 26.5 feet: SILTY SANDY GRAVEL (GW); grayish-brown; 15% fines, non-plastic; 25% sand, medium; 60% gravel, medium to coarse, subround to round; damp to moist.
24									
25			100	CB					
26									
27									26.5 to 28.0 feet: SANDY GRAVEL (GW); gray; 25% sand, fine to coarse; 75% gravel, fine to coarse, angular to round; trace fines; pulverized rock; dry.
28									
29									28.0 to 32.7 feet: SILTY SANDY GRAVEL (GW); gray and brown; 20% fines, non-plastic; 20% sand, medium to coarse; 60% gravel, fine to coarse, subround to round; moist.
30			100	CB					
31									
32									
33									32.7 to 34.2 feet: SANDY GRAVEL (GW); brown to yellowish-brown; 50% sand, medium to coarse; 50% gravel, fine to coarse, angular to round; possible pulverized rock; damp to dry.
34									
35			100	CB					34.2 to 40.0 feet: SILTY SANDY GRAVEL (GW); gray and brown; 20% fines, non-plastic; 20% sand, medium to coarse; 60% gravel, fine to coarse, subround to round; moist.
36									
37									
38									
39									
40									@40.0 feet: becomes wet and fines increase.
41			100	CB					40.0 to 44.5 feet: SILTY GRAVEL (GM); grayish-brown; 40% fines, non-plastic; 60% gravel, fine to coarse; subround to round; wet.
42									

NOTES: 1) TOC = Top of casing. 2) CB = Core barrel. 3) bgs = Below ground surface.

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Depth (feet, BGS)	Well Details	Sample Data				Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Number			
44								
45		100		CB				44.5 to 45.0 feet: SANDY GRAVEL (GW); grayish-brown; 50% sand, fine to medium; 50% gravel, fine to coarse, round; wet.
46								45 to 46.7 feet: SANDY GRAVEL with SILT (GW); grayish-brown; 10% fines, non-plastic; 30% sand, fine to medium; 60% gravel, fine to coarse; subround to round; wet.
47								46.7 to 48.0 feet: SANDY GRAVEL (GW); grayish-brown; 25% sand, fine to medium; 75% gravel, fine to coarse, subangular to round; wet.
48								48.0 to 50.0 feet: SAND (SP); brown; 100% sand, fine to medium; trace gravel at 50.0 feet; wet.
49								
50		80		CB				50.0 to 54.0 feet: SANDY GRAVEL with SILT (GW); gray; 5% to 10% fines, non-plastic; 20% to 25% sand, medium to coarse; 70% gravel, fine to coarse, subangular to round; wet.
51								
52								
53								
54								54.0 to 55.0 feet: No recovery.
55		66		CB				55.0 to 55.8 feet: SAND with GRAVEL (SW); brown; 90% to 95% sand, medium; 5% to 10% gravel, medium to coarse; subround to round.
56								55.8 to 56.3 feet: SANDY GRAVEL (GW); brown; 50% sand, very coarse; 50% gravel, fine to medium, angular to subangular; wet.
57								56.3 to 57 feet: SILTY GRAVEL (GM); brown; 40% fines, non-plastic; 60% gravel, fine to coarse, angular to round; wet.
58								57.0 to 58.3 feet: SANDY GRAVEL with SILT (SW); brown; 10% fines, non-plastic; 30% sand, medium; 60% gravel, fine to coarse, angular to subangular; fines increase with depth; wet.
59								58.3 to 60.0 feet: No recovery.
60		90		CB				60.0 to 60.9 feet: SANDY GRAVEL (GW); gray; 40% sand, very coarse; 60% gravel, medium to coarse, subangular to angular; wet.
61								60.9 to 64.5 feet: SILTY GRAVEL with SAND (GM); grayish-brown; 30% to 35% fines, non-plastic; 5% to 10% sand, fine; 60% gravel, medium to coarse, subround to round; sand increases with depth; wet.
62								
63								
64								
65		80		CB				64.5 to 65.0 feet: No recovery.
								65.0 to 69.0 feet: SILTY GRAVEL (GM); gray; 40% fines, non-plastic; 60% gravel, fine to coarse, angular to round; trace sand; becomes

NOTES: 1) TOC = Top of casing. 2) CB = Core barrel. 3) bgs = Below ground surface.

Depth (feet, BGS)	Well Details	Interval	Percent Recovery	Sample Data			Blows/6"	Lithologic Column	Soil Description
				Collection Method	Number	Name (Type)			
66		[Blank]	[Blank]	[Blank]	[Blank]	[Blank]		more compact with depth; some pulverized rock; wet.	
67									
68									
69									
70								69.0 to 70.0 feet: No recovery.	

Total Depth: 70.0 feet below ground surface.

Borehole Completion Details

0 to 70.0 feet bgs: 6-inch borehole.
 0 to 1.0 feet bgs: Concrete.
 2.0 to 5.0 feet bgs: Sluff.
 5.0 to 53.0 feet bgs: Bentonite chips hydrated with potable water.
 53.0 to 65.0 feet bgs: Filter pack sand.
 65.0 to 70.0 feet bgs: Sluff.

Well Completion Details

0 to 1.0 feet bgs: Monument.
 0.5 to 55.0 feet bgs: 2-inch diameter, PVC, schedule 40, flush threaded, blank riser.
 55.0 to 64.5 feet bgs: 2-inch diameter, PVC, schedule 40, flush threaded, 0.010-inch machine slotted, well screen.
 64.5 to 65.0 feet bgs: 2-inch diameter, PVC, schedule 40, flush threaded, end cap.

NOTES: 1) TOC = Top of casing. 2) CB = Core barrel. 3) bgs = Below ground surface.

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.02

Well Number
MW17

Sheet
1 of 2

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, WA**
 Start/End Date **3/28/13 to 3/28/13**
 Driller/Equipment **Cascade Drilling/Geoprobe 7720 DT**
 Geologist/Engineer **Andrew Vidourek**
 Sample Method **Macro-core**

TOC Elevation (feet) **79.88**
 Surface Elevation (feet) **80.3**
 Northing **185020.0**
 Easting **1068035.1**
 Hole Depth **35.0-feet**
 Outer Hole Diam **2-inch**

Depth (feet, BGS)	Well Details	Sample Data			Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method			
1		60	GP				0 to 0.5 feet: CONCRETE.
2							0.5 to 3.0 feet: SILT (ML); dark brown; 85% fines, low plasticity; 15% sand, fine; damp.
3							3.0 to 5.0 feet: NO RECOVERY.
4							
5		80	GP				5.0 to 7.5 feet: SILT (ML); dark brown; 85% fines, low plasticity; 15% sand, fine; damp.
6							
7							
8							7.5 to 9.0 feet: SILTY SAND (SM); dark brown; 30% fines, low plasticity; 70% sand, fine; damp.
9							9.0 to 10.0 feet: NO RECOVERY.
10		100	GP				10.0 to 17.5 feet: SILTY SAND (SM); dark brown; 30% fines, low plasticity; 70% sand, fine; damp.
11							
12							
13							@ 12.5 feet: Wet. @ 13.0 feet: Changes to 40% fines; 60% sand.
14							
15		100	GP				
16							
17							
18							17.5 to 24.0 feet: SAND with SILT (SP-SM); very dark brown; 10% fines, low plasticity; 90% sand, fine to medium; wet.
19							
20							

NOTES: 1) TOC = Top of casing. 2) GP = Geoprobe. 3) bgs = Below ground surface.

▽ **Water level 11.13 feet below TOC measured after well installation.**

GBLWC WA\GINTGINT\PROJECTS\8006.31\MW17-MW21.GPJ 2/10/17

Depth (feet, BGS)	Well Details	Interval	Percent Recovery	Sample Data			Blows/6"	Lithologic Column	Soil Description						
				Collection Method	Number	Name (Type)									
21			100	GP											
22															
23															
24															
25									100	GP					24.0 to 29.5 feet: SILTY SAND (SM) ; very dark brown; 40% fines, low plasticity; 60% sand, fine to medium; wet.
26															
27															
28									100	GP					29.5 to 33.0 feet: SANDY SILT (ML) ; dark bluish-gray; 70% fines, low plasticity; 30% sand, fine to medium; wet.
29															
30															
31															
32															
33															
34															
35															

Total depth: 35.0 feet below ground surface.

Borehole completion details

- 0 to 35.0 feet bgs: 2-inch borehole.
- 0 to 1.0 feet bgs: Concrete.
- 1.0 to 26.0 feet bgs: Bentonite chips hydrated with potable water.
- 26.0 to 33.3 feet bgs: Filter pack sand.
- 33.3 to 35.0 feet bgs: Sluff.

Well Completion Details

- 0 to 1.0 feet bgs: Monument.
- 0.5 to 28.0 feet bgs: 2-inch diameter, PVC, schedule 40, flush threaded, blank riser.
- 28.0 to 33.0 feet bgs: 2-inch diameter, PVC, schedule 40, flush threaded, 0.010-inch machine slotted, well screen.
- 33.0 to 33.3 feet bgs: 2-inch diameter, PVC, schedule 40, flush threaded, end cap.

NOTES: 1) TOC = Top of casing. 2) GP = Geoprobe. 3) bgs = Below ground surface.



Water level 11.13 feet below TOC measured after well installation.

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.02

Well Number
MW18

Sheet
1 of 3

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, WA**
 Start/End Date **3/28/13 to 3/28/13**
 Driller/Equipment **Cascade Drilling/Geoprobe 7720 DT**
 Geologist/Engineer **Andrew Vidourek**
 Sample Method **Macro-core**

TOC Elevation (feet) **80.57**
 Surface Elevation (feet) **80.9**
 Northing **185481.4**
 Easting **1067767.3**
 Hole Depth **48.0-feet**
 Outer Hole Diam **2-inch**

Depth (feet, BGS)	Well Details	Sample Data			Blows/6"	Lithologic Column	Soil Description	
		Interval	Percent Recovery	Collection Method				
1		20	GP				0 to 1.0 feet: SILT (ML); dark brown; 100% fines, low plasticity; trace rootlets; damp.	
2							1.0 to 5.0 feet: NO RECOVERY.	
3								
4								
5								
6		60	GP				5.0 to 6.0 feet: CLAY (CL); dark brown; 100% fines, medium plasticity; trace rootlets; damp.	
7							6.0 to 8.0 feet: SILT with SAND (ML); brown; 80% fines, low plasticity; 20% sand, fine; damp.	
8								
9							8.0 to 10.0 feet: NO RECOVERY.	
10								
11		80	GP				10.0 to 11.0 feet: CLAY (CL); dark brown; 100% fines, medium plasticity; damp.	
12							11.0 to 14.0 feet: SILT with SAND (ML); brown; 80% fines, low plasticity; 20% sand, fine; damp.	
13								
14							@ 13.5 feet: 2-inch lens of 100% sand.	
15							14.0 to 15.0 feet: NO RECOVERY.	
16		100	GP				15.0 to 16.0 feet: SILT with SAND (ML); brown; 80% fines, low plasticity; 20% sand, fine; damp.	
17							16.0 to 17.0 feet: SILT (ML); dark brown; 100% fines, low plasticity; damp.	
18							17.0 to 20.5 feet: SAND (SP); brown; 100% sand, fine to medium; damp.	
19								
20								

NOTES: 1) TOC = Top of casing. 2) GP = Geoprobe. 3) bgs = Below ground surface.

Water level 38.18 feet below TOC measured after well installation.

GBLWC WA\GINTGINT\PROJECTS\8006.31\MW17-MW21.GPJ 2/10/17

Depth (feet, BGS)	Well Details	Interval	Percent Recovery	Sample Data			Blows/6"	Lithologic Column	Soil Description
				Collection Method	Number	Name (Type)			
21			100	GP					20.5 to 21.5: SILT (ML); strong brown; 100% fines; damp.
22									21.5 to 27.0 feet: SILTY SAND (SM); brown; 30% fines, low plasticity; 70% sand, fine; damp.
23									
24									
25			100	GP					
26									
27									27.0 to 27.5 feet: SILT (ML); brown; 75% fines, low plasticity; 25% sand, fine; damp.
28									27.5 to 42.0 feet: SILTY SAND (SM); brown; 40% fines, low plasticity; 60% sand, fine; damp.
29									
30			100	GP					
31									
32									
33									
34									
35			100	GP					@ 34.5 feet: Moist.
36									
37									
38									
39									
40			100	GP					
41									
42									42.0 to 45.0 feet: CLAY (CL); brown; 100% fines, medium plasticity; trace sand; wet.

NOTES: 1) TOC = Top of casing. 2) GP = Geoprobe. 3) bgs = Below ground surface.

▽ **Water level 38.18 feet below TOC measured after well installation.**

GBLWC WA\GINTGINT\PROJECTS\8006.31\MW17-MW21.GPJ 2/10/17

Depth (feet, BGS)	Well Details	Interval	Percent Recovery	Sample Data			Blows/6"	Lithologic Column	Soil Description
				Collection Method	Number	Name (Type)			
44									
45			100	GP					
46									
47									
48									

45.0 to 47.0 feet: SILTY SAND (SM); brown; 40% fines, low plasticity; 60% sand, fine; moist.

47.0 to 48.0 feet: SANDY GRAVEL (GP); dark brown; 40% sand, fine to medium; 60% gravel, fine to medium, rounded to subrounded; trace fines; moist.

Total depth: 48.0 feet below ground surface.

Borehole completion details

- 0 to 48.0 feet bgs: 2-inch borehole.
- 0 to 1.0 feet bgs: Concrete.
- 1.0 to 30.75 feet bgs: Bentonite chips hydrated with potable water.
- 30.75 to 43.5 feet bgs: Filter pack sand.
- 43.5 to 48.0 feet bgs: Sluff.

Well Completion Details

- 0 to 1.0 feet bgs: Monument.
- 0.5 to 32.75 feet bgs: 2-inch diameter, PVC, schedule 40, flush threaded, blank riser.
- 32.75 to 42.75 feet bgs: 2-inch diameter, PVC, schedule 40, flush threaded, 0.010-inch machine slotted, well screen.
- 42.75 to 43.05 feet bgs: 2-inch diameter, PVC, schedule 40, flush threaded, end cap.

NOTES: 1) TOC = Top of casing. 2) GP = Geoprobe. 3) bgs = Below ground surface.



Water level 38.18 feet below TOC measured after well installation.

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.02

Well Number
MW19


Sheet
1 of 4

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, WA**
 Start/End Date **3/25/13 to 3/27/13**
 Driller/Equipment **Cascade Drilling/Compact Roto Sonic 17-C**
 Geologist/Engineer **Andrew Vidourek**
 Sample Method **Core barrel**

TOC Elevation (feet) **48.09**
 Surface Elevation (feet) **48.7**
 Northing **185583.7**
 Easting **1067207.6**
 Hole Depth **67.5-feet**
 Outer Hole Diam **6-inch**

Depth (feet, BGS)	Well Details	Sample Data			Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method			
1		40		CB			0 to 2.0 feet: SILTY GRAVEL (GM); dark reddish-brown; 20% fines, nonplastic; 30% sand, fine to coarse; 50% gravel, fine to medium, subrounded to subangular; damp.
2							2.0 to 5.0 feet: NO RECOVERY.
3							
4							
5		100		CB			5.0 to 12.5 feet: SILT with SAND (ML); dark brown; 70% fines, low plasticity; 30% sand, fine to medium; trace gravel; damp.
6							
7							
8		100		CB			
9							
10		100		CB			@ 10.0 feet: Changes to dark grayish-brown.
11							
12							
13							12.5 to 15.0 feet: GRAVELLY SAND with SILT (SP-SM); dark gray; 20% fines, nonplastic; 50% sand, fine to coarse; 30% gravel, fine to medium, subrounded to subangular; dry.
14							
15		100		CB			15.0 to 17.5 feet: CLAY (CL); dark gray; 80% fines, low to medium plasticity; 20% sand, fine; trace gravel; very hot soil core; dark gray. DRILLER's NOTE: Very hard and very hot drilling.
16							
17							
18		100		CB			17.5 to 18.0 feet: SILTY GRAVEL (GM); gray; 40% fines, fine to medium; 60% gravel, fine to coarse; dry. DRILLER's NOTE: Drilling through boulders or large cobbles.
19							18.0 to 20.0 feet: SILT with GRAVEL (ML); gray; 80% fines, nonplastic; 20% gravel, fine to coarse; dry. DRILLER's NOTE: Drilling through gravel, very hard, very hot drilling. Fines resemble rock flour.
20							

NOTES: 1) TOC = Top of casing. 2) CB = Corebarrel. 3) bgs = Below ground surface.

 **Water level 35.40 feet below TOC measured after well installation.**

GBLWC WA\GINTGINT\PROJECTS\8006.31\MW17-MW21.GPJ 2/10/17

Depth (feet, BGS)	Well Details	Interval	Percent Recovery	Sample Data				Lithologic Column	Soil Description
				Collection Method	Number	Name (Type)	Blows/6"		
21			100	CB				20.0 to 26.0 feet: GRAVELLY SILT (ML); gray; 50% fines, nonplastic; 10% sand, fine to coarse; 40% gravel, fine to coarse, rounded to angular; trace cobbles; dry.	
22									
23			100	CB					
24									
25									
26									
27								26.0 to 28.5 feet: SANDY GRAVEL with SILT (GW-GM); dark grayish-brown; 10% fines, nonplastic; 30% sand, fine to coarse; 60% gravel, fine to coarse, rounded to subangular; dry.	
28			100	CB					
29								28.5 to 31.0 feet: GRAVELLY SAND (SW); very dark grayish-brown; 70% sand, medium; 30% gravel, fine to coarse, subrounded to subangular; damp.	
30									
31									
32								31.0 to 35.0 feet: SILTY GRAVEL (GM); light gray; 20% fines, nonplastic; 10% sand, fine to coarse; 70% gravel, fine to coarse, rounded to subangular; dry. @ 32.0 feet: Changes to bluish-gray.	
33			100	CB					
34									
35									
36			100	CB				35.0 to 36.0 feet: GRAVELLY SAND (SW); very dark grayish-brown; 60% sand, fine to coarse; 40% gravel, fine to medium, rounded to subrounded; damp.	
37								36.0 to 37.5 feet: GRAVELLY SILT (ML); gray; 60% fines, nonplastic; 10% sand, fine to coarse; 30% gravel, fine to coarse, rounded to angular; damp.	
38			100	CB				37.5 to 38.5 feet: SANDY GRAVEL with SILT (GW-GM); dark gray; 10% fines, low plasticity; 30% sand, fine to coarse; 60% gravel, fine to medium, rounded; trace cobbles; moist.	
39								38.5 to 50.0 feet: SANDY GRAVEL with SILT (GP-GM); dark brown; 20% fines, low plasticity; 30% sand, fine to medium; 50% gravel, fine to coarse, rounded to subrounded; moist.	
40									
41									
42			100	CB					

NOTES: 1) TOC = Top of casing. 2) CB = Corebarrel. 3) bgs = Below ground surface.



Water level 35.40 feet below TOC measured after well installation.

GBLWC WA\GINTG\PROJECTS\8006.31\MW17-MW21.GPJ 2/10/17

Depth (feet, BGS)	Well Details	Interval	Percent Recovery	Sample Data			Blows/6"	Lithologic Column	Soil Description
				Collection Method	Number	Name (Type)			
44									
45									
46									
47									
48									
49									
50									
51		100		CB				50.0 to 51.0 feet: SANDY GRAVELLY SILT (ML); dark gray; 40% fines, low plasticity; 30% sand, fine to medium; 30% gravel, medium, rounded to subrounded; moist.	
52								51.0 to 52.0 feet: GRAVELLY SILT (ML); dark gray; 60% fines, low plasticity; 10% sand, fine; 30% gravel, fine to coarse, rounded to subrounded; moist.	
53								52.0 to 60.0 feet: SANDY GRAVEL with SILT (GW-GM); 10% fines, nonplastic; 35% sand, fine to medium; 55% gravel, fine to coarse, rounded to subrounded; moist.	
54									
55									
56									
57									
58		100		CB					
59									
60									
61								60.0 to 61.5 feet: GRAVELLY SAND (SP); very dark brown; 70% sand, fine to medium; 30% gravel, medium, rounded; moist.	
62								61.5 to 62.5 feet: SANDY GRAVEL with SILT (GW-GM); dark brown; 10% fines, nonplastic; 35% sand, fine to medium; 55% gravel, fine to coarse, rounded to subrounded; moist.	
63		100		CB				62.5 to 67.5 feet: SILTY GRAVEL (GM); dark gray; 45% fines, medium plasticity; 5% sand; 50% gravel, fine to coarse, rounded to subrounded; moist.	
64									
65								@ 65.0 feet: DRILLER's NOTE: Very hard drilling.	

NOTES: 1) TOC = Top of casing. 2) CB = Corebarrel. 3) bgs = Below ground surface.

▽ **Water level 35.40 feet below TOC measured after well installation.**

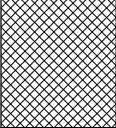
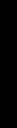
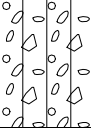
GBLWC WA\GINTGINT\PROJECTS\8006.31\MW17-MW21.GPJ 2/10/17

Geologic Borehole Log/Well Construction

Project Number
8006.31.02

Well Number
MW19

Sheet
4 of 4

Depth (feet, BGS)	Well Details	Interval	Percent Recovery	Sample Data				Blows/6"	Lithologic Column	Soil Description
				Collection Method	Number	Name (Type)				
66										
67										

Total depth: 67.5 feet below ground surface.

Borehole completion details

0 to 67.5 feet bgs: 6-inch borehole.
 0 to 1.0 feet bgs: Concrete.
 1.0 to 50.0 feet bgs: Bentonite chips hydrated with potable water.
 50.0 to 64.0 feet bgs: Filter pack sand.
 64.0 to 67.5 feet bgs: Bentonite chips hydrated with potable water.

Well Completion Details

0 to 1.0 feet bgs: Monument.
 0.5 to 52.7 feet bgs: 2-inch diameter, PVC, schedule 40, flush threaded, blank riser.
 52.7 to 62.7 feet bgs: 2-inch diameter, PVC, schedule 40, flush threaded, 0.010-inch machine slotted, well screen.
 62.7 to 63.0 feet bgs: 2-inch diameter, PVC, schedule 40, flush threaded, end cap.

NOTES: 1) TOC = Top of casing. 2) CB = Corebarrel. 3) bgs = Below ground surface.



Water level 35.40 feet below TOC
measured after well installation.

Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.02

Well Number
MW20

Sheet
1 of 1


Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, WA**
 Start/End Date **4/1/13 to 4/1/13**
 Driller/Equipment **Cascade Drilling/Geoprobe 7720 DT**
 Geologist/Engineer **Andrew Vidourek**
 Sample Method **Macro-core**

TOC Elevation (feet) **74.99**
 Surface Elevation (feet) **75.3**
 Northing **184004.1**
 Easting **1067544.9**
 Hole Depth **15.0-feet**
 Outer Hole Diam **2-inch**

Depth (feet, BGS)	Well Details	Sample Data			Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method			
0							0 to 1.0 feet: ASPHALT; gravel; dry.
1							1.0 to 4.0 feet: SILT (ML); very dark brown; 90% fines; 10% sand, fine; damp.
2							
3							
4							4.0 to 5.0 feet: NO RECOVERY.
5		80	GP				5.0 to 6.0 feet: SILT (ML); very dark brown; 90% fines; 10% sand, fine; damp.
6							6.0 to 7.0 feet: SILT (ML); dark brown; 100% fines; trace sand; moist
7							7.0 to 9.0 feet: SANDY SILT (ML); greenish-gray; 70% fines; 30% sand, fine to medium; wet.
8							
9							9.0 to 10.0 feet: NO RECOVERY.
10		100	GP				10.0 to 15.0 feet: CLAY (CL); greenish-gray; 100% fines, medium to high plasticity; moist.
11							
12							
13							
14							
15							

Total depth: 15.0 feet below ground surface.
Borehole completion details
 0 to 15.0 feet bgs: 2-inch borehole.
 0 to 1.0 feet bgs: Concrete.
 1.0 to 4.0 feet bgs: Bentonite chips hydrated with potable water.
 4.0 to 10.3 feet bgs: Filter pack sand.
 10.3 to 15.0 feet bgs: Sluff.
Well Completion Details
 0 to 1.0 feet bgs: Monument.
 0.5 to 5.0 feet bgs: 2-inch diameter, PVC, schedule 40, flush threaded, blank riser.
 5.0 to 10.0 feet bgs: 2-inch diameter, PVC, schedule 40, flush threaded, 0.010-inch machine slotted, well screen.
 10.0 to 10.3 feet bgs: 2-inch diameter, PVC, schedule 40, flush threaded, end cap.

NOTES: 1) TOC = Top of casing. 2) GP = Geoprobe. 3) bgs = Below ground surface.

 **Water level 5.34 feet below TOC measured after well installation.**

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Maul Foster & Alongi, Inc.

Geologic Borehole Log/Well Construction

Project Number
8006.31.02

Well Number
MW21

Sheet
1 of 2

Project Name **Union Ridge Investment Company**
 Project Location **Ridgefield, WA**
 Start/End Date **4/1/13 to 4/1/13**
 Driller/Equipment **Cascade Drilling/Geoprobe 7720 DT**
 Geologist/Engineer **Andrew Vidourek**
 Sample Method **Macro-core**

TOC Elevation (feet) **84.25**
 Surface Elevation (feet) **84.6**
 Northing **184213.0**
 Easting **1067855.7**
 Hole Depth **20.0-feet**
 Outer Hole Diam **2-inch**

Depth (feet, BGS)	Well Details	Sample Data				Blows/6"	Lithologic Column	Soil Description
		Interval	Percent Recovery	Collection Method	Number			
1		100	GP				0 to 5.0 feet: SILT (ML); dark reddish-brown; 100% fines, medium plasticity; trace rootlets and sand; damp.	
2								
3								
4								
5			100	GP				5.0 to 11.0 feet: SILT (ML); dark reddish-brown; 80% fines, low plasticity; 20% sand, fine; damp.
6								
7								
8								@ 7.5 feet: Changes to dark brown.
9								
10			100	GP				
11								
12								11.0 to 12.5 feet: SANDY SILT (ML); dark reddish-brown; 70% fines; 30% sand, fine to medium; wet.
13								12.5 to 20.0 feet: CLAY (CL); dark brown with dark reddish-brown mottling; 100% fines, medium to high plasticity; trace sand; wet.
14								
15			100	GP				
16								
17								@ 17.0 to 19.0 feet: Dark grayish-brown with greenish-gray mottling.
18								
19								
20								

NOTES: 1) TOC = Top of casing. 2) GP = Geoprobe. 3) bgs = Below ground surface.

Water level 4.42 feet below TOC measured after well installation.

GBLWC WA\GINTGINT\PROJECTS\8006.31\MW17-MW21.GPJ 2/10/17

Geologic Borehole Log/Well Construction

Project Number
8006.31.02

Well Number
MW21

Sheet
2 of 2

Depth (feet, BGS)	Well Details	Interval	Percent Recovery	Collection Method	Sample Data			Lithologic Column	Soil Description
					Number	Name (Type)	Blows/6"		

Total depth: 20.0 feet below ground surface.

Borehole completion details

0 to 20.0 feet bgs: 2-inch borehole.

0 to 1.0 feet bgs: Concrete.

1.0 to 5.95 feet bgs: Bentonite chips hydrated with potable water.

5.95 to 13.25 feet bgs: Filter pack sand.

13.25 to 20.0 feet bgs: Sluff.

Well Completion Details

0 to 1.0 feet bgs: Monument.

0.5 to 7.95 feet bgs: 2-inch diameter, PVC, schedule 40, flush threaded, blank riser.

7.95 to 12.95 feet bgs: 2-inch diameter, PVC, schedule 40, flush threaded, 0.010-inch machine slotted, well screen.

12.95 to 13.25 feet bgs: 2-inch diameter, PVC, schedule 40, flush threaded, end cap.

NOTES: 1) TOC = Top of casing. 2) GP = Geoprobe. 3) bgs = Below ground surface.



Water level 4.42 feet below TOC measured after well installation.

APPENDIX C

FIELD SAMPLING DATA SHEETS



Maul Foster & Alongi, Inc.

400 E. Mill Plain Blvd, Suite 400, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	B05		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/3/2010		
Sampling Event	March 2010	Sample Name	B5-W-12.5		
Sub Area		Sample Depth	12.5		
FSDS QA:	JJP, 11/8/2010	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	11:00:00 AM	4	1	6.4	11.59	140	6.5	90.3	22.34

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly turbid.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	11:00:00 AM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	B07		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/3/2010		
Sampling Event	March 2010	Sample Name	B7-W-14.0		
Sub Area		Sample Depth	14		
FSDS QA:	JJP, 11/8/2010	Eastings		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	1:40:00 PM	2	1	6.74	12.38	64	9.68	160.3	120.3

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	1:40:00 PM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	B08		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/8/2010		
Sampling Event	March 2010	Sample Name	B8-W-14.5		
Sub Area		Sample Depth	14.5		
FSDS QA:	JJP, 11/8/2010	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	9:50:00 AM	2	1	6.95	10.13	13.3	10.01	181.9	20.35

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	9:50:00 AM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

Signature _____

Maul Foster & Alongi, Inc.

400 E. Mill Plain Blvd, Suite 400, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	B09		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/9/2010		
Sampling Event	March 2010	Sample Name	B9-W-19.0		
Sub Area		Sample Depth	19		
FSDS QA:	JJP, 11/8/2010	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	9:50:00 AM	2	1	6.53	11.06	164	3.68	65.5	22.36

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	12:00:00 PM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	B09		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/22/2010		
Sampling Event	March 2010	Sample Name	B9-W-75.0		
Sub Area		Sample Depth	75		
FSDS QA:	JJP, 11/8/2010	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	9:00:00 AM	7.5	2	6.72	14.02	244	4.13	-28	21.85

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	9:00:00 AM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	B09		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/22/2010		
Sampling Event	March 2010	Sample Name	B9-W-89.0		
Sub Area		Sample Depth	89		
FSDS QA:	JJP, 11/8/2010	Eastings		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	12:30:00 PM	3	1	6.57	17.06	209	1.72	-192.8	145

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	12:30:00 PM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	B10		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/23/2010		
Sampling Event	March 2010	Sample Name	B10-W-57.0		
Sub Area		Sample Depth	57		
FSDS QA:	JJP, 11/8/2010	Eastings		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	1:15:00 PM	5	1	6.63	16.23	188	6.06	-52.3	100.3

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	1:15:00 PM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	B10		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/23/2010		
Sampling Event	March 2010	Sample Name	B10-W-33.0		
Sub Area		Sample Depth	33		
FSDS QA:	JJP, 11/8/2010	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	4:20:00 PM	5	1	6.41	13.24	292	2.91	-54.9	26.52

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	4:20:00 PM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	B11		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/26/2010		
Sampling Event	March 2010	Sample Name	B11-W-88.0		
Sub Area		Sample Depth	88		
FSDS QA:	JJP 11/8/2010	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	1:00:00 PM	6.5	1	7	16.23	222	2.09	-99.3	345

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	1:00:00 PM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP24		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/8/2010		
Sampling Event	March 2010	Sample Name	GP24-W-11.0		
Sub Area		Sample Depth	11		
FSDS QA:	JJP, 11/8/2010	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	3:30:00 PM	2	1	7.11	12.01	98	7.5	123.4	15

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly turbid.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	3:30:00 PM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP25		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/4/2010		
Sampling Event	March 2010	Sample Name	GP25-W-11.5		
Sub Area		Sample Depth	11.5		
FSDS QA:	JJP, 11/8/2010	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	3:00:00 PM	2.5	1	6.55	14.32	219	4.4	-47.6	62.3

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly turbid.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	3:00:00 PM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP26		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/4/2010		
Sampling Event	March 2010	Sample Name	GP26-W-11.0		
Sub Area		Sample Depth	11		
FSDS QA:	JJP, 11/8/2010	Eastings		Northings	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	2:00:00 PM	3	1	7.01	13.85	189	4.5	-53.2	52.3

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly turbid.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	2:00:00 PM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP27		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/4/2010		
Sampling Event	March 2010	Sample Name	GP27-W-12.5		
Sub Area		Sample Depth	12.5		
FSDS QA:	JJP, 11/8/2010	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	1:00:00 PM	2	1	7.31	15.45	188	9.44	-56.3	56.3

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly turbid.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	1:00:00 PM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP28		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/4/2010		
Sampling Event	March 2010	Sample Name	GP28-W-14.0		
Sub Area		Sample Depth	14		
FSDS QA:	JJP, 11/8/2010	Eastings		Northings	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	10:00:00 AM	2	1	6.59	12.34	224	4.53	-20.1	56.3

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly turbid.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	10:00:00 AM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP28		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/4/2010		
Sampling Event	March 2010	Sample Name	GP28-W-14.0-DUP		
Sub Area		Sample Depth	14		
FSDS QA:	JJP, 11/8/2010	Eastings		Northings	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	10:05:00 AM	2	1	6.59	12.34	224	4.53	-20.1	56.3

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly turbid.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	10:05:00 PM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

Duplicate sample of GP28-W-14.0.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP29		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/4/2010		
Sampling Event	March 2010	Sample Name	GP29-W-12.0		
Sub Area		Sample Depth	12		
FSDS QA:	JJP, 11/8/2010	Eastings		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	2:50:00 PM	2	1	7.4	14.25	201	4.21	-45.9	75.2

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly turbid.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	2:50:00 PM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP30		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/4/2010		
Sampling Event	March 2010	Sample Name	GP30-W-12.0		
Sub Area		Sample Depth	12		
FSDS QA:	JJP, 11/8/2010	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	3:40:00 PM	2	1	6.76	12.25	149	8.73	60.6	32.3

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly turbid.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	3:40:00 PM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP31		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/4/2010		
Sampling Event	March 2010	Sample Name	GP31-W-12.0		
Sub Area		Sample Depth	12		
FSDS QA:	JJP, 11/8/2010	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	4:40:00 PM	2	1	7.51	14.64	205	10	59.7	33.4

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly turbid.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	1:00:00 PM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP32		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/5/2010		
Sampling Event	March 2010	Sample Name	GP32-W-12.0		
Sub Area		Sample Depth	12		
FSDS QA:	JJP, 11/8/2010	Eastings		Northings	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	2:30:00 PM	2	1	6.55	13.07	193	6.97	70.3	9.34

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly turbid.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	2:30:00 PM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP33		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/5/2010		
Sampling Event	March 2010	Sample Name	GP33-W-12.0		
Sub Area		Sample Depth	12		
FSDS QA:	JJP, 11/8/2010	Eastings		Northings	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	1:30:00 PM	3	1	6.68	13.32	249	7.99	43	56.3

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly turbid.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	1:30:00 PM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP34		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/5/2010		
Sampling Event	March 2010	Sample Name	GP34-W-12.5		
Sub Area		Sample Depth	12.5		
FSDS QA:	JJP, 11/8/2010	Eastings		Northings	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	9:20:00 AM	1.5	1	7.09	10.6	120	10.29	130.8	22.34

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly turbid.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	9:20:00 AM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP35		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/4/2010		
Sampling Event	March 2010	Sample Name	GP35-W-14.0		
Sub Area		Sample Depth	14		
FSDS QA:	JJP, 11/8/2010	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters		3	1	7.28	13.27	57	8.12	63.4	63.4

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly turbid.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater		VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP36		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/8/2010		
Sampling Event	March 2010	Sample Name	GP36-W-12.5		
Sub Area		Sample Depth	12.5		
FSDS QA:	JJP, 11/8/2010	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	2:10:00 PM	2	1	6.59	12.96	141	7.16	59.1	32.3

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly turbid.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	2:10:00 PM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP37		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/5/2010		
Sampling Event	March 2010	Sample Name	GP37-W-12.5		
Sub Area		Sample Depth	12.5		
FSDS QA:	JJP, 11/8/2010	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	10:20:00 AM	3	1	6.83	10.99	168	8.05	-6.3	33.3

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly turbid.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	10:20:00 AM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP38		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/5/2010		
Sampling Event	March 2010	Sample Name	GP38-W-12.0		
Sub Area		Sample Depth	12		
FSDS QA:	JJP, 11/8/2010	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	11:55:00 AM	3.25	1	7.02	12.34	231	8.7	-1.2	83.6

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly turbid.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	11:55:00 AM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP39		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/5/2010		
Sampling Event	March 2010	Sample Name	GP39-W-12.0		
Sub Area		Sample Depth	12		
FSDS QA:	JJP, 11/8/2010	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	12:30:00 PM	2.5	1	7.25	12.5	192	5.65	-15.55	26.54

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly turbid.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	12:30:00 PM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP40		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/1/2010		
Sampling Event	March 2010	Sample Name	GP40-W-11.5		
Sub Area		Sample Depth	11.5		
FSDS QA:	JJP, 11/8/2010	Eastings		Northings	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	12:22:00 PM	0.75	1	6.91	13.56	280	8	133.4	308.2

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly turbid.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	12:22:00 PM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP41		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/1/2010		
Sampling Event	March 2010	Sample Name	GP41-W-12.5		
Sub Area		Sample Depth	12.5		
FSDS QA:	JJP, 11/8/2010	Eastings		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	1:45:00 PM	1	1	6.4	13.85	163	2.08	2.8	60.34

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly turbid.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	1:45:00 PM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP42		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/1/2010		
Sampling Event	March 2010	Sample Name	GP42-W-12.0		
Sub Area		Sample Depth	12		
FSDS QA:	JJP, 11/8/2010	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	4:16:00 PM	1	1	6.5	13.54	200	5.4		131.7

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly turbid.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	4:16:00 PM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP43		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/2/2010		
Sampling Event	March 2010	Sample Name	GP43-W-12.5		
Sub Area		Sample Depth	12.5		
FSDS QA:	JJP, 11/8/2010	Eastings		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	2:00:00 PM	2	1	6.34	13.13	165	5.04	69	22.3

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly turbid.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	2:00:00 PM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP44		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/1/2010		
Sampling Event	March 2010	Sample Name	GP44-W-13.0		
Sub Area		Sample Depth	13		
FSDS QA:	JJP, 11/8/2010	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	1:02:00 PM	1	1	6.4	13.85	163	2.08	2.8	60.34

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly turbid.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	1:02:00 PM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP45		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/1/2010		
Sampling Event	March 2010	Sample Name	GP45-W-12.5		
Sub Area		Sample Depth	12.5		
FSDS QA:	JJP, 11/8/2010	Eastings		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	2:20:00 PM	1	1	6.47	13.66	158	7.1	61.3	19.32

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly turbid.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	2:20:00 PM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP46
Project #	8006.31.01	Sampler	JJP
Project Name	Park Laundry - Ridgefield	Sampling Date	3/1/2010
Sampling Event	March 2010	Sample Name	GP46-W-12.0
Sub Area		Sample Depth	12
FSDS QA:	JJP, 11/8/2010	Eastings	Northings
			TOC

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	4:33:00 PM	1.25	1	6.17	1308	172	2.4	-23	70.36

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly turbid.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	4:33:00 PM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP47		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/2/2010		
Sampling Event	March 2010	Sample Name	GP47-W-12.0		
Sub Area		Sample Depth	12		
FSDS QA:	JJP, 11/8/2010	Eastings		Northings	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters		2	1	6.94	12.45	147	6.5	85.2	42.4

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly turbid.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater		VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP48		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/3/2010		
Sampling Event	March 2010	Sample Name	GP48-W-12.5		
Sub Area		Sample Depth	12.5		
FSDS QA:	JJP, 11/8/2010	Eastings		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	10:00:00 AM	2	1	6.56	11.31	141	7.09	134.3	63.3

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly turbid.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	10:00:00 AM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP49		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/3/2010		
Sampling Event	March 2010	Sample Name	GP49-W-12.5		
Sub Area		Sample Depth	12.5		
FSDS QA:	JJP, 11/8/2010	Eastings		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	2:40:00 PM	2	1	6.54	12.56	98	8.34	102.3	80.3

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly turbid.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	1:00:00 PM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP50		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/1/2010		
Sampling Event	March 2010	Sample Name	GP50-W-12.5		
Sub Area		Sample Depth	12.5		
FSDS QA:	JJP, 11/8/2010	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	3:00:00 PM	1	1	6.97	14	153	9	137.5	32.3

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly turbid.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	3:00:00 PM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP51		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/2/2010		
Sampling Event	March 2010	Sample Name	GP51-W-12.5		
Sub Area		Sample Depth	12.5		
FSDS QA:	JJP, 11/8/2010	Eastings		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	9:45:00 AM	1.25	1	6.54	11.6	205	6.01	156.3	50.34

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly turbid.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	9:45:00 AM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP52		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/3/2010		
Sampling Event	March 2010	Sample Name	GP52-W-12.5		
Sub Area		Sample Depth	12.5		
FSDS QA:	JJP, 11/8/2010	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	9:10:00 AM	1.5	1	7.03	11.01	146	11.68	192.3	40.32

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly turbid.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	9:10:00 AM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP53		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/2/2010		
Sampling Event	March 2010	Sample Name	GP53-W-12.5		
Sub Area		Sample Depth	12.5		
FSDS QA:	JJP, 11/8/2010	Eastings		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	11:30:00 AM	2	1	6.7	12.5	171	11.19	113.1	55.3

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly turbid.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	9:40:00 AM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP54		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/2/2010		
Sampling Event	March 2010	Sample Name	GP54-W-12.5		
Sub Area		Sample Depth	12.5		
FSDS QA:	JJP, 11/8/2010	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	10:40:00 AM	2	1	6.65	12.01	189	9.3	189	67.3

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly turbid.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	10:40:00 AM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP55		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/4/2010		
Sampling Event	March 2010	Sample Name	GP55-W-12.5		
Sub Area		Sample Depth	12.5		
FSDS QA:	JJP, 11/8/2010	Eastings		Northings	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	12:00:00 PM	3	1	6.5	12.04	137	9.77	103.8	20.34

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly turbid.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	12:00:00 PM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP56		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/4/2010		
Sampling Event	March 2010	Sample Name	GP56-W-13.5		
Sub Area		Sample Depth	13.5		
FSDS QA:	JJP, 11/8/2010	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	1:10:00 PM	4	1	6.73	12.63	124	10.8	114.5	42.3

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly turbid.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	1:10:00 PM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP57		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/3/2010		
Sampling Event	March 2010	Sample Name	GP57-W-14.0		
Sub Area		Sample Depth	14		
FSDS QA:	JJP, 11/8/2010	Eastings		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	3:40:00 PM	2	1	6.54	12.27	94	9.1	100.1	62.3

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly turbid.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	3:40:00 PM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP58		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/8/2010		
Sampling Event	March 2010	Sample Name	GP58-W-15.0		
Sub Area		Sample Depth	15		
FSDS QA:	JJP, 11/8/2010	Eastings		Northings	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	12:00:00 PM	2	1	6.64	13.07	146	5.87	40.6	149

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly turbid.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	12:00:00 PM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP59		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/8/2010		
Sampling Event	March 2010	Sample Name	GP59-W-15.0		
Sub Area		Sample Depth	15		
FSDS QA:	JJP, 11/8/2010	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	11:20:00 AM	2	1	6.58	12.85	184	9.43	111.6	15.34

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly turbid.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	11:20:00 AM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP60		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/8/2010		
Sampling Event	March 2010	Sample Name	GP-W-14.5		
Sub Area		Sample Depth	14.5		
FSDS QA:	JJP, 11/8/2010	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	10:40:00 AM	2	1	6.55	11.89	155	8.53	89.8	18.34

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly turbid.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	10:40:00 AM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP61		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/9/2010		
Sampling Event	March 2010	Sample Name	GP61-W-14.5		
Sub Area		Sample Depth	14.5		
FSDS QA:	JJP, 11/8/2010	Eastings		Northings	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	10:00:00 AM	2	1	7.28	8.55	65	11.5	165.3	18.38

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly turbid.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	10:00:00 AM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP62		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	10/19/2010		
Sampling Event	October 2010	Sample Name	GP62-W-15.0		
Sub Area		Sample Depth	15		
FSDS QA:	JJP, 11/8/2010	Eastings		Northings	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
10/19/2010				12.15			

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	1:00:00 PM	4.5	0.3	6.86	13.44	211			23.6

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	1:00:00 PM	VOA-Glass	4	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	4	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP63		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	10/19/2010		
Sampling Event	October 2010	Sample Name	GP63-W-21.0		
Sub Area		Sample Depth	21		
FSDS QA:	JJP, 11/8/2010	Eastings		Northings	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
10/19/2010				11.71			

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	10:00:00 AM	5	0.5	6.9	12.81	193			9.26

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	10:00:00 AM	VOA-Glass	4	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	4	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP64		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	10/18/2010		
Sampling Event	October 2010	Sample Name	GP64-W-15.0		
Sub Area		Sample Depth	15		
FSDS QA:	JJP, 11/8/2010	Eastings		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
10/18/2010				8.94			

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	11:30:00 AM	5	0.5	6.8	16.7	354			22.1

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	11:30:00 AM	VOA-Glass	4	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	4	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP65		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	10/18/2010		
Sampling Event	October 2010	Sample Name	GP65-W-21.0		
Sub Area		Sample Depth	21		
FSDS QA:	JJP, 11/8/2010	Eastings		Northings	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
10/18/2010				12.5			

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	12:45:00 PM	5	0.5	6.96	15.9	183			9.83

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	12:45:00 PM	VOA-Glass	4	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	4	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP66		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	10/18/2010		
Sampling Event	October 2010	Sample Name	GP66-W-15.0		
Sub Area		Sample Depth	15		
FSDS QA:	JJP, 11/8/2010	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
10/18/2010				8.26			

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	9:45:00 AM	4	0.5	6.5	14.1	254			17.53

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	9:45:00 AM	VOA-Glass	4	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	4	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP67		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	10/18/2010		
Sampling Event	October 2010	Sample Name	GP-67-17.0		
Sub Area		Sample Depth	17		
FSDS QA:	JJP, 11/8/2010	Eastings		Northings	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
10/18/2010				12.51			

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	2:40:00 PM	5	0.5	6.8	16.34	182			21.34

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	2:40:00 PM	VOA-Glass	4	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	4	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP68		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/21/2011		
Sampling Event	June 2011	Sample Name	GP68-W-15.5		
Sub Area		Sample Depth	15.5		
FSDS QA:	MRM, 7/1/2011	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/21/2011				9.1			

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	9:00:00 AM	3	0.5	6.9	12.4	205			60.34

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	9:00:00 AM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP69		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/21/2011		
Sampling Event	June 2011	Sample Name	GP69-W-17.0		
Sub Area		Sample Depth	17		
FSDS QA:	MRM, 7/1/2011	Eastings		Northings	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/21/2011				9.3			

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	9:50:00 AM	2.5	0.5	6.68	12.8	228			42.3

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	9:50:00 AM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP70		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/21/2011		
Sampling Event	June 2011	Sample Name	GP70-W-17.0		
Sub Area		Sample Depth	17		
FSDS QA:	MRM, 7/1/2011	Eastings		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/21/2011				9.5			

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	11:00:00 AM	3	0.5	6.81	12.3	225			65

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	11:00:00 AM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP71		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/21/2011		
Sampling Event	June 2011	Sample Name	GP71-W-22.1		
Sub Area		Sample Depth	22.1		
FSDS QA:	MRM, 7/1/2011	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/21/2011				9.1			

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	9:00:00 AM	3.5	0.5	6.87	12.5	221			80.21

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	2:20:00 PM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP72		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/20/2011		
Sampling Event	June 2011	Sample Name	GP72-W-20.0		
Sub Area		Sample Depth	20		
FSDS QA:	MRM, 7/1/2011	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/20/2011				9.5			

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	4:10:00 PM	3	0.5	6.91	13.9	201			45.34

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	4:10:00 PM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP73		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/17/2011		
Sampling Event	June 2011	Sample Name	GP73-W-19.0		
Sub Area		Sample Depth	19		
FSDS QA:	MRM, 7/1/2011	Eastings		Northings	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/17/2011				8.9			

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	1:00:00 PM	2	0.5	7.14	16.3	210			80.3

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	1:00:00 PM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP74		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/17/2011		
Sampling Event	June 2011	Sample Name	GP74-W-17.0		
Sub Area		Sample Depth	17		
FSDS QA:	MRM, 7/1/2011	Eastings		Northings	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/17/2011				9.9			

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	11:30:00 AM	2.25	0.5	6.84	14.3	204			70.34

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	11:30:00 AM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP75		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/16/2011		
Sampling Event	June 2011	Sample Name	GP75-W-18.5		
Sub Area		Sample Depth	18.5		
FSDS QA:	MRM, 7/1/2011	Eastings		Northings	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/16/2011				12.5			

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	11:00:00 AM	2.25	0.5	6.88	13.4	331			42.3

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	11:00:00 AM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP76		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/16/2011		
Sampling Event	June 2011	Sample Name	GP76-W-18.8		
Sub Area		Sample Depth	18.8		
FSDS QA:	MRM, 7/1/2011	Eastings		Northings	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/16/2011				11.4			

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	12:20:00 PM	2	0.5	7.09	12.8	205			103.4

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	12:20:00 PM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP77		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/16/2011		
Sampling Event	June 2011	Sample Name	GP77-W-19.0		
Sub Area		Sample Depth	19		
FSDS QA:	MRM, 7/1/2011	Eastings		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/16/2011				12.8			

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	2:00:00 PM	2.5	0.5	7.11	14.3	280			100.4

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	2:00:00 PM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP78		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/20/2011		
Sampling Event	June 2011	Sample Name	GP78-W-31.0		
Sub Area		Sample Depth	31		
FSDS QA:	MRM, 7/1/2011	Eastings		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/20/2011				12.8			

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	2:00:00 PM	2.5	0.5	6.91	14.4	256			84.3

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	2:00:00 PM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP79		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/17/2011		
Sampling Event	June 2011	Sample Name	GP79-W-21.0		
Sub Area		Sample Depth	21		
FSDS QA:	MRM, 7/1/2011	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/17/2011				8.8			

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	2:20:00 PM	2.5	0.5	6.81	16.4	228			41.3

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	2:20:00 PM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP80		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/17/2011		
Sampling Event	June 2011	Sample Name	GP80-W-30.0		
Sub Area		Sample Depth	30		
FSDS QA:	MRM, 7/1/2011	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/17/2011				8.9			

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	4:00:00 PM	3	0.5	7.2	16.9	250			134.4

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	4:00:00 PM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	GP81		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/21/2011		
Sampling Event	June 2011	Sample Name	GP81-W-19.0		
Sub Area		Sample Depth	19		
FSDS QA:	MRM, 7/1/2011	Eastings		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/21/2011				9.1			

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	12:00:00 PM	2.5	0.5	6.71	13.2	180			81.34

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	12:00:00 PM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW01
Project #	8006.31.01	Sampler	JJP
Project Name	Park Laundry - Ridgefield	Sampling Date	6/24/2011
Sampling Event	June 2011	Sample Name	MW1-12.5
Sub Area		Sample Depth	12.5
FSDS QA:	MRM, 7/1/2011	Eastings	<input type="text"/>
		Northing	<input type="text"/>
		TOC	<input type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/24/2011	6:30	13		5.89		7.11	1.16

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	2:01:00 PM	1.25	0.5	6.6	11.9	220			14.5
	2:21:00 PM	2.5	0.5	6.3	12.3	210			83.63
Final Field Parameters									
	2:45:00 PM	3.75	0.5	6.28	12.5	208			11.23

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	2:45:00 PM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW02
Project #	8006.31.01	Sampler	JJP
Project Name	Park Laundry - Ridgefield	Sampling Date	6/24/2011
Sampling Event	June 2011	Sample Name	MW2-14.0
Sub Area	MW	Sample Depth	14
FSDS QA:	MRM, 7/1/2011	Eastings	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/24/2011	6:32	14.63		5.75		8.88	1.44

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	2:45:00 PM	1.5	0.5	6.75	11	136.1			99.5
	3:08:00 PM	3	0.5	6.67	11.8	144			20.1
Final Field Parameters									
	3:30:00 PM	4.5	0.5	6.68	12.1	155			8.25

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	3:30:00 PM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW03
Project #	8006.31.01	Sampler	JJP
Project Name	Park Laundry - Ridgefield	Sampling Date	6/24/2011
Sampling Event	June 2011	Sample Name	MW3-15.0
Sub Area		Sample Depth	15
FSDS QA:	MRM, 7/1/2011	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/24/2011	6:48	14.85		6.25		8.6	1.4

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	12:11:00 PM	1.5	0.5	6.58	10.8	217			29.58
	12:40:00 PM	3	0.5	6.39	10.6	216			9.78
Final Field Parameters	1:05:00 PM	4.5	0.5	6.31	10.5	216			7.22

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	1:05:00 PM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW04		
Project #	8006.31.01	Sampler	JJP		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/24/2011		
Sampling Event	June 2011	Sample Name	MW4-16.0		
Sub Area		Sample Depth	16		
FSDS QA:	MRM, 7/1/2011	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/24/2011	6:51	16.12		5.98		10.14	1.65

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	7:46:00 AM	1.75	0.5	6.48	11.1	213			19.31
	8:11:00 AM	3.5	0.5	6.75	11.2	202			12.34
Final Field Parameters	8:30:00 AM	5.5	0.5	6.8	11.1	198			9.5

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	8:30:00 AM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

Collected duplicate sample (MW4-16-DUP) at this location.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW05
Project #	8006.31.01	Sampler	JJP
Project Name	Park Laundry - Ridgefield	Sampling Date	6/24/2011
Sampling Event	June 2011	Sample Name	MW5-16.5
Sub Area		Sample Depth	16.5
FSDS QA:	MRM, 7/1/2011	Eastings	Northings
			TOC

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/24/2011	6:55	17.15		7.46		9.69	1.57

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	11:11:00 AM	1.75	0.5	6.65	12.6	226			14.83
	11:35:00 AM	3.5	0.5	6.59	12.7	216			11.83
Final Field Parameters	11:56:00 AM	5.5	0.5	6.54	12.8	214			10.03

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	11:56:00 AM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW06
Project #	8006.31.01	Sampler	JJP
Project Name	Park Laundry - Ridgefield	Sampling Date	6/24/2011
Sampling Event	June 2011	Sample Name	MW6-16.0
Sub Area		Sample Depth	16
FSDS QA:	MRM, 7/1/2011	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/24/2011	7:03	16.61		7.96		8.65	1.41

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	8:56:00 AM	1.5	0.5	6.39	12.4	233			13.46
	9:12:00 AM	3	0.5	6.4	12.4	225			12.93
Final Field Parameters									
	9:30:00 AM	4.5	0.5	6.45	12.3	225			9.4

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	9:30:00 AM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW07
Project #	8006.31.01	Sampler	JJP
Project Name	Park Laundry - Ridgefield	Sampling Date	6/24/2011
Sampling Event	June 2011	Sample Name	MW7-15.0
Sub Area		Sample Depth	15
FSDS QA:	MRM, 7/1/2011	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/24/2011	7:23	15.7		9.01		6.69	1.1

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	10:10:00 AM	1.25	0.5	6.3	12.1	201			21.29
	10:35:00 AM	2.5	0.5	6.18	12.1	186			10.92
Final Field Parameters	10:55:00 AM	3.75	0.5	6.16	12.1	185			8.12

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	10:55:00 AM	VOA-Glass	3	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	3	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW01
Project #	8006.31.01	Sampler	MKG
Project Name	Park Laundry - Ridgefield	Sampling Date	3/17/2012
Sampling Event	March 2012	Sample Name	MW01-031712
Sub Area		Sample Depth	12.95
FSDS QA:	JJP, 3/28/12	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/17/2012	10:47	12.95		3.11		9.84	1.6

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	11:33:00 AM	1.7	0.2	6.27	10.34	204	2.05	153.9	57.6
	11:55:00 AM	3.5	0.2	6.09	10.34	204	1.43	157.8	51.4
Final Field Parameters									
	12:22:00 PM	5	0.15	6.12	10.51	205	1.48	157	9.49

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	12:36:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		5

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW02		
Project #	8006.31.01	Sampler	MD		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/17/2012		
Sampling Event	March 2012	Sample Name	MW02-031712		
Sub Area		Sample Depth	14.5		
FSDS QA:	JJP, 3/28/12	Eastings		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/17/2012	11:09	14.57		1.6		12.97	2.11

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	11:29:00 AM	2.5	0.6	7.39	10.37	3015	10.33	139.7	7.87
	11:46:00 AM	5	0.6	7.45	10.29	185	10.9	89.2	2.51
Final Field Parameters									
	12:03:00 PM	7.5	0.6	6.7	9.95	92	9.9	102.7	1.42

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	12:07:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		5

General Sampling Comments

Conductivity probe is reading inconsistent.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW03		
Project #	8006.31.01	Sampler	MD		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/17/2012		
Sampling Event	March 2012	Sample Name	MW03-031712		
Sub Area		Sample Depth	15		
FSDS QA:	JJP, 3/28/12	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/17/2012	12:48	15.26		1.4		13.86	2.26

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	1:05:00 PM	2.5	0.8	7.2	10.53	2147	4.97	168.2	2.06
	1:16:00 PM	5	0.8	6.92	10.68	254	4.42	86.7	1.27
Final Field Parameters									
	1:27:00 PM	7.5	0.8	6.74	10.68	215	4.66	109.6	0.72

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	1:32:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW04
Project #	8006.31.01	Sampler	MKG
Project Name	Park Laundry - Ridgefield	Sampling Date	3/17/2012
Sampling Event	March 2012	Sample Name	MW04-031712
Sub Area		Sample Depth	16.11
FSDS QA:	JJP, 3/28/12	Eastings	<input type="text"/>
		Northing	<input type="text"/>
		TOC	<input type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/17/2012	14:00	16.11		3.18		12.93	2.11

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	2:14:00 PM	2.2	0.6	6.59	11.21	265	2.91	151.4	0.74
	2:28:00 PM	4.3	0.6	6.55	11.62	261	2.87	137.2	-0.81
Final Field Parameters	2:35:00 PM	6.4	0.6	6.55	11.63	258	2.77	133.7	-1.12

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	2:45:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Turbidity meter reading inconsistent.

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW05
Project #	8006.31.01	Sampler	MD
Project Name	Park Laundry - Ridgefield	Sampling Date	3/17/2012
Sampling Event	March 2012	Sample Name	MW05-031712
Sub Area		Sample Depth	17.13
FSDS QA:	JJP, 3/28/12	Eastings	Northings
			TOC

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/17/2012	14:05	17.13		6.19		10.94	1.78

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	2:20:00 PM	2	0.6	7.28	12.98	2045	5.13	166.3	1.44
	2:35:00 PM	4	0.6	7.34	12.88	380	4.4	83.7	1.1
Final Field Parameters	2:48:00 PM	6	0.6	6.72	12.8	214	4.45	84	0.95

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	2:56:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		5

General Sampling Comments

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW06		
Project #	8006.31.01	Sampler	MKG		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/17/2012		
Sampling Event	March 2012	Sample Name	MW06-031712		
Sub Area		Sample Depth	16.32		
FSDS QA:	JJP, 3/28/12	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/16/2012	17:23	16.32		7.45		8.87	1.44

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	5:52:00 PM	1.4	0.25	6.48	11.89	267	4.49	84.4	1.39
Final Field Parameters	6:00:00 PM	3	0.25	6.41	11.45	270	6.67	101	12.6

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	9:51:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Purged 3 gallons, well dry. Sample 3/17/2012.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW07		
Project #	8006.31.01	Sampler	MKG		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/16/2012		
Sampling Event	March 2012	Sample Name	MW07-031612		
Sub Area		Sample Depth	15.62		
FSDS QA:	JJP, 3/28/12	Eastings		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/16/2012	15:26	15.62		8.85		6.77	1.1

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	3:50:00 PM	1.1	0.3	6.05	12.19	197	5.16	97.5	47
	4:12:00 PM	2.2	1.8	6.08	12.32	184	6.16	97.7	4.39
Final Field Parameters									
	4:39:00 PM	3.3	1.8	6.09	12.09	182	6.15	108.2	0.87

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	4:50:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Clear and colorless.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW08
Project #	8006.31.01	Sampler	MKG
Project Name	Park Laundry - Ridgefield	Sampling Date	3/16/2012
Sampling Event	March 2012	Sample Name	MW08-031612
Sub Area		Sample Depth	54.98
FSDS QA:	JJP, 3/28/12	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/16/2012	9:47	54.98		7.21		47.77	7.7

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	11:24:00 AM	7.7	0.35	6.59	11.6	577	1.63	96.3	4.17
	12:30:00 PM	15.5	0.42	6.56	10.36	545	1.16	23.8	3.53
Final Field Parameters									
	2:00:00 PM	23.3	0.4	6.55	12.53	569	1.48	19.1	2.73

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	2:19:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Clear and colorless.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW09		
Project #	8006.31.01	Sampler	MKG		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/14/2012		
Sampling Event	March 2012	Sample Name	MW09-031412		
Sub Area		Sample Depth	14.61		
FSDS QA:	JJP, 3/28/12	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/14/2012	14:50	14.61		2.87		11.74	1.91

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	3:25:00 PM	2	0.27	6.4	9.73	287	1.43	105.2	201
	4:05:00 PM	3.9	0.25	6.37	9.5	273	1.43	69	82.7
	4:42:00 PM	6	0.2	6.33	9.68	264	1.63	55.1	63.6
Final Field Parameters	5:55:00 PM	11	0.15	6.34	10.1	258	1.9	43.2	51.3

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Samples appear slightly cloudy with pale yellow tint.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	6:06:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Meri approved sampling with higher turbidity.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW10		
Project #	8006.31.01	Sampler	MKG		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/13/2012		
Sampling Event	March 2012	Sample Name	MW10-031312		
Sub Area		Sample Depth	29.53		
FSDS QA:	JJP, 3/28/12	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/13/2012	12:55	29.53		10.71		18.82	3.06

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	1:52:00 PM	3	0.2	6.75	10.37	201	1.67	83.3	17.2
	2:44:00 PM	6	0.22	6.56	10.98	197	2.13	-11.5	6.79
Final Field Parameters	3:32:00 PM	9	0.2	6.53	11.28	194	1.99	-11.4	3.78

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	3:45:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW11
Project #	8006.31.01	Sampler	MKG
Project Name	Park Laundry - Ridgefield	Sampling Date	3/13/2012
Sampling Event	March 2012	Sample Name	MW11-031312
Sub Area		Sample Depth	19.54
FSDS QA:	JJP, 3/28/12	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/13/2012	17:00	19.54		9.75		9.79	1.59

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	5:35:00 PM	1.6	0.25	6.24	10.54	259	4.55	71.7	1.75
	5:59:00 PM	3.2	0.25	6.05	11.03	260	3.9	89	0.49
Final Field Parameters									
	6:22:00 PM	4.8	0.22	6.01	11.06	261	3.99	101.1	0.18

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	6:45:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Pressure built up inside well, popped cap off when loosened.
First two attempts had noticeable sediments in bailer. Three attempts at sampling with clean bailer and string each time.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW13		
Project #	8006.31.01	Sampler	MKG		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/14/2012		
Sampling Event	March 2012	Sample Name	MW13-031412		
Sub Area		Sample Depth	19.45		
FSDS QA:	JJP, 3/28/12	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/14/2012	11:00	19.45		6		13.45	2.19

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	11:34:00 AM	2.2	0.32	6.69	10.9	270	2.4	152.5	86.8
	12:12:00 PM	4.4	0.25	6.49	11.4	253	2.6	149.6	25.7
	12:40:00 PM	6.6	0.27	6.47	11.98	250	3.05	149	15.1
Final Field Parameters	1:25:00 PM	10	0.25	6.44	12.5	249	2.96	149.6	10.37

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	1:40:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		5

General Sampling Comments

Samples appeared slightly cloudy and tinted pale yellow.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW14		
Project #	8006.31.01	Sampler	MKG		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/12/2012		
Sampling Event	March 2012	Sample Name	MW14-031212		
Sub Area		Sample Depth	21.81		
FSDS QA:	JJP, 3/28/12	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/12/2012	12:30	21.81		10.74		11.07	1.8

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	1:30:00 PM	1.8	0.25	6.44	12.19	153	1.73	113.9	2.08
	2:00:00 PM	3.6	0.25	6.43	11.86	160	2.07	109.7	1.22
Final Field Parameters	2:30:00 PM	5.4	0.25	6.34	11.86	160	1.71	114.5	0.28

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	2:40:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Some sediment in bailer. Samples appear clear and colorless.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW15
Project #	8006.31.01	Sampler	MKG
Project Name	Park Laundry - Ridgefield	Sampling Date	3/15/2012
Sampling Event	March 2012	Sample Name	MW15-031512
Sub Area		Sample Depth	64.95
FSDS QA:	JJP, 3/28/12	Eastings	<input type="text"/>
		Northing	<input type="text"/>
		TOC	<input type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/15/2012	10:45	64.95		38.95		26	4.2

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(1) Submersible Pump	12:25:00 PM	4.2	0.25	6.58	14.01	213	2.31	157.2	10.4
	1:27:00 PM	8.4	0.3	6.53	15.02	212	2.44	121.6	6.65
Final Field Parameters	2:24:00 PM	12.8	0.4	6.45	14.91	209	2.09	119.8	7.41

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	3:12:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Grundfos = 139.50 Hz.

Signature _____

Maul Foster & Alongi, Inc.

400 E. Mill Plain Blvd, Suite 400, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW16
Project #	8006.31.01	Sampler	MKG
Project Name	Park Laundry - Ridgefield	Sampling Date	3/15/2012
Sampling Event	March 2012	Sample Name	MW16-031512
Sub Area		Sample Depth	64.53
FSDS QA:	JJP, 3/28/12	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/15/2012	15:45	64.53		37.42		27.11	4.4

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(1) Submersible Pump	4:50:00 PM	4.5	0.5	6.53	13.97	221	3.17	132.4	12.6
	6:00:00 PM	9	0.3	6.45	14.27	221	3.32	126.4	11.5
Final Field Parameters	6:50:00 PM	13.5	0.4	6.42	13.07	212	3.84	128.2	5.87

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	7:13:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW01
Project #	8006.31.02	Sampler	AWV
Project Name	Park Laundry - Ridgefield	Sampling Date	6/18/2012
Sampling Event	June 2012	Sample Name	MW01-061812
Sub Area		Sample Depth	12
FSDS QA:	KRT, 6/27/2012	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/18/2012	10:24	12.95		5.88		7.07	1.15

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	11:20:00 AM	1.25	0.5	4.95	14	186	0.77	211	30.87
	11:31:00 AM	2.5	0.5	5.18	13.58	185	1.14	209.2	56.14
	11:45:00 AM	3.75	0.4	5.84	13.92	185	2.43	169.5	9.99
	11:50:00 AM	4.5	0.4	5.96	14.27	186	1.99	157.5	3.67
Final Field Parameters	11:55:00 AM	5.5	0.4	6.03	14.25	187	1.73	149.3	1.57

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	12:03:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		5

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW02		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/18/2012		
Sampling Event	June 2012	Sample Name	MW02-061812		
Sub Area		Sample Depth	14		
FSDS QA:	KRT, 6/27/2012	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/18/2012	15:22	14.57		5.28		9.29	1.51

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	3:58:00 PM	1.5	0.6	6.13	13.16	70	6.63	111.5	44.42
	4:13:00 PM	3	0.44	6.24	12.72	79	6.07	116.6	16.61
	4:20:00 PM	4.5	0.44	6.27	12.71	81	5.94	117.9	10.7
Final Field Parameters	4:24:00 PM	4.8	0.44	6.27	12.67	82	5.79	119.6	5.67

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	4:30:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW03		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/19/2012		
Sampling Event	June 2012	Sample Name	MW03-061912		
Sub Area		Sample Depth	15		
FSDS QA:	KRT, 6/27/2012	Eastings		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/19/2012	8:45	15.26		5.89		9.37	1.52

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	9:18:00 AM	1.5	0.56	6.17	11.79	206	0.46	140.2	1.12
	9:35:00 AM	3	0.56	6.17	11.76	206	0.56	140.8	0.61
Final Field Parameters	9:46:00 AM	4.5	0.56	6.18	11.85	206	0.64	141	0.66

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	9:50:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW04
Project #	8006.31.02	Sampler	AWV
Project Name	Park Laundry - Ridgefield	Sampling Date	6/21/2012
Sampling Event	June 2012	Sample Name	MW04-062112
Sub Area		Sample Depth	16
FSDS QA:	KRT, 6/27/2012	Eastings	Northings
			TOC

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/21/2012	9:57	16.11		5.62		10.49	1.7

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	10:14:00 AM	1.7	0.6	6.31	12.94	212	1.66	108.1	4.01
	10:21:00 AM	3.4	0.6	6.34	12.89	208	1.58	106.4	1.8
	10:31:00 AM	5.1	0.6	6.38	12.88	206	1.4	102.7	1.02
Final Field Parameters	10:35:00 AM	5.3	0.6	6.39	12.88	204	1.38	101.6	0.8

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	10:45:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW05
Project #	8006.31.02	Sampler	AWV
Project Name	Park Laundry - Ridgefield	Sampling Date	6/21/2012
Sampling Event	June 2012	Sample Name	MW05-062112
Sub Area		Sample Depth	17
FSDS QA:	KRT, 6/27/2012	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/21/2012	8:27	17.13		7.2		9.93	1.6

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	8:42:00 AM	1.6	0.5	5.79	14.41	205	1.05	124.2	1.13
	8:53:00 AM	3.2	0.5	5.97	14.34	205	1.09	122.2	0.47
Final Field Parameters									
	9:07:00 AM	4.8	0.5	6.05	14.35	205	1.06	121.9	0.24

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	9:15:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Some sediment in bailer.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW06
Project #	8006.31.02	Sampler	AWV
Project Name	Park Laundry - Ridgefield	Sampling Date	6/20/2012
Sampling Event	June 2012	Sample Name	MW06-062012
Sub Area		Sample Depth	16
FSDS QA:	KRT, 6/27/2012	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/20/2012	8:15	16.32		7.61		8.71	1.42

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	8:21:00 AM	1.42	0.65	6.32	13.9	235	1.98	99.1	5.8

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	2:15:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

08:32 - Well pumped dry. Slowed pump rate down to lowest level, well not recharging fast enough to sustain any pumping. 2.0 total gallons purged. Collected sample at 1415, 6/20/2012.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW07		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/20/2012		
Sampling Event	June 2012	Sample Name	MW07-062012		
Sub Area		Sample Depth	15		
FSDS QA:	KRT, 6/27/2012	Eastings		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/20/2012	12:50	15.62		8.89		6.73	1.1

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	1:00:00 PM	1.1	0.38	4.76	13.87	126	4.99	196	7.69
	1:11:00 PM	2.2	0.3	5.75	13.83	130	4.86	147.2	5.93
Final Field Parameters									
	1:23:00 PM	3.3	0.5	5.85	13.71	131	5.07	143	4.12

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	1:30:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW08		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/18/2012		
Sampling Event	June 2012	Sample Name	MW08-061812		
Sub Area		Sample Depth	54		
FSDS QA:	KRT, 6/27/2012	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/18/2012	9:42	54.98		6.58		48.4	7.88

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(1) Submersible Pump	1:58:00 PM	8	2.4	6.2	13.15	466	0.14	-8.7	3.35
	2:10:00 PM	16	2.4	6.29	13.17	458	0.09	-8.3	2.1
Final Field Parameters	2:20:00 PM	24	2.4	6.3	13.18	454	0.09	-4.1	0.97

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slight grayish haze.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	2:30:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW09		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/20/2012		
Sampling Event	June 2012	Sample Name	MW09-062012		
Sub Area		Sample Depth	14		
FSDS QA:	KRT, 6/27/2012	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/20/2012	10:47	14.61		5.43		9.18	1.5

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	11:10:00 AM	1.5	0.4	6.36	13.39	312	0.19	24	163
	11:20:00 AM	3	0.4	6.36	13.49	306	0.11	24	96.39
	11:30:00 AM	4.5	0.4	6.34	13.63	296	0.1	16.2	59.48
	11:33:00 AM	4.8	0.4	6.35	13.83	296	0.1	14.6	46.78
	11:36:00 AM	5	0.4	6.34	13.61	296	0.11	16.8	37.63
	11:39:00 AM	5.2	0.4	6.34	13.69	296	0.11	17.7	29.41
Final Field Parameters	11:42:00 AM	5.3	0.4	6.34	13.75	292	0.11	18.1	30.61

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Very turbid.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	12:00:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		5

General Sampling Comments

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW10
Project #	8006.31.02	Sampler	AWV
Project Name	Park Laundry - Ridgefield	Sampling Date	6/21/2012
Sampling Event	June 2012	Sample Name	MW10-062112
Sub Area		Sample Depth	29
FSDS QA:	KRT, 6/27/2012	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/21/2012	11:25	29.53		9.93		19.6	3.19

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	11:47:00 AM	3.2	0.6	6.56	13.4	171	0.57	-5.9	8.13
	12:17:00 PM	6.4	0.6	6.58	13.45	162	0.35	-13.9	4.11
Final Field Parameters									
	12:37:00 PM	9.6	0.6	6.58	13.48	159	0.32	-15.6	3

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	12:45:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW11		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/20/2012		
Sampling Event	June 2012	Sample Name	MW11-062012		
Sub Area		Sample Depth	19		
FSDS QA:	KRT, 6/27/2012	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/20/2012	14:45	19.54		9.78		9.76	1.59

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	2:58:00 PM	1.6	0.64	5.76	13.12	206	3.48	140.3	1.94
	3:07:00 PM	3.2	0.64	6.07	13.42	206	3.5	122.2	12.98
	3:19:00 PM	4.8	0.4	6.21	13.45	208	3.21	109.3	4.62
Final Field Parameters	3:22:00 PM	5	0.4	6.21	13.48	207	3.19	108.7	1.63

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	3:30:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW13		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/21/2012		
Sampling Event	June 2012	Sample Name	MW13-062112		
Sub Area		Sample Depth	19		
FSDS QA:	KRT, 6/27/2012	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/21/2012	13:20	19.45		6.93		12.52	2.04

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	1:35:00 PM	2	0.6	6.44	14.38	242	1.46	97.3	16.83
	1:46:00 PM	4	0.6	6.43	14.38	243	1.62	93.7	8.81
Final Field Parameters	2:00:00 PM	6	0.6	6.43	14.45	242	1.67	90.2	7.28

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	2:00:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW14		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/20/2012		
Sampling Event	June 2012	Sample Name	MW14-062012		
Sub Area		Sample Depth	21		
FSDS QA:	KRT, 6/27/2012	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/20/2012	9:00	21.81		8.5		13.31	2.17

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	9:15:00 AM	2.1	0.55	6.09	13.32	197	0.69	121.3	3.65
	9:33:00 AM	4.2	0.32	6.14	13.75	201	1.83	113.4	12.05
	9:55:00 AM	6.3	0.32	6.15	14.03	204	1.1	116.7	9.02
Final Field Parameters	9:58:00 AM	6.4	0.32	6.15	14.05	204	0.99	116.3	6.12

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	10:00:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		5

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW15		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/19/2012		
Sampling Event	June 2012	Sample Name	MW15-061912		
Sub Area		Sample Depth	64		
FSDS QA:	KRT, 6/27/2012	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/19/2012	11:00	64.95		37.7		27.25	4.44

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(1) Submersible Pump	11:16:00 AM	4.5	1.6	6.15	13.71	201	5.5	136.7	50.95
	11:28:00 AM	9	1.6	6.16	13.8	201	5.56	135.9	13.79
Final Field Parameters	11:40:00 AM	13.5	1.6	6.16	13.81	200	5.53	136.4	2.38

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	11:45:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW16		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/19/2012		
Sampling Event	June 2012	Sample Name	MW16-061912		
Sub Area		Sample Depth	64		
FSDS QA:	KRT, 6/27/2012	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/19/2012	13:45	64.53		36.14		28.39	4.62

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(1) Submersible Pump	2:00:00 PM	4.6	2.6	5.92	13.16	214	3.43	138.9	19.9
	2:10:00 PM	9.2	2.6	5.85	13.25	211	4.11	144.4	7.06
Final Field Parameters									
	2:19:00 PM	13.8	2.6	6.01	13.3	210	4.22	138.9	5.37

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	2:30:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW01
Project #	8006.31.02	Sampler	AWV
Project Name	Park Laundry - Ridgefield	Sampling Date	10/3/2012
Sampling Event	October 2012	Sample Name	MW01-100312
Sub Area		Sample Depth	12
FSDS QA:	LSC, 10/25/2012	Eastings	Northings
			TOC

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
10/3/2012	11:30	12.95		7.18		5.77	0.94

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	4:30:00 PM	1	0.18	6	18.35	184	0.73	121.7	14.8
	4:52:00 PM	2	0.15	5.98	18.35	181	0.62	134.7	8.04
	5:11:00 PM	3	0.15	6	18.1	180	0.71	141.2	5.72
Final Field Parameters	5:16:00 PM	3.2	0.15	5.99	18.04	179	0.76	140.5	3.76

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	5:16:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW02		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	10/5/2012		
Sampling Event	October 2012	Sample Name	MW02-100512		
Sub Area		Sample Depth	14		
FSDS QA:	LSC, 10/25/2012	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
10/3/2012	11:34	14.57		7.93		6.64	1

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	9:05:00 AM	1	0.25	6.44	15.19	136	2.87	116.5	55.52
	9:22:00 AM	2	0.25	6.32	15.25	140	2.53	127.3	32.3
	9:36:00 AM	3	0.25	6.27	15.34	142	2.42	132.9	19.49
Final Field Parameters	9:41:00 AM	3.1	0.25	6.26	15.35	140	2.4	133.6	19.03

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly turbid, slightly cloudy.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	9:41:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW03		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	10/5/2012		
Sampling Event	October 2012	Sample Name	MW03-100512		
Sub Area		Sample Depth	15		
FSDS QA:	LSC, 10/25/2012	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
10/3/2012	11:37	15.26		8.45		6.81	1.1

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	10:15:00 AM	1.1	0.28	6.14	13.3	202	0.33	135.2	5.05
	10:30:00 AM	2.2	0.28	6.13	13.34	203	0.44	138.9	2.88
Final Field Parameters									
	10:45:00 AM	3.3	0.28	6.11	13.33	203	0.51	143	1.26

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	10:45:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW04
Project #	8006.31.02	Sampler	AWV
Project Name	Park Laundry - Ridgefield	Sampling Date	10/5/2012
Sampling Event	October 2012	Sample Name	MW04-100512
Sub Area		Sample Depth	16
FSDS QA:	LSC, 10/25/2012	Eastings	Northings
			TOC

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
10/3/2012	11:25	16.11		7.96		8.15	1.3

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	2:20:00 PM	1.3	0.24	6.29	16.63	221	1.99	92.6	34.4
	2:34:00 PM	2.6	0.24	6.25	16.22	220	1.55	98.4	2.62
Final Field Parameters									
	2:46:00 PM	3.9	0.28	6.31	16.29	218	1.51	96.9	1.32

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	2:46:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW05		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	10/4/2012		
Sampling Event	October 2012	Sample Name	MW05-100412		
Sub Area		Sample Depth	17		
FSDS QA:	LSC, 10/25/2012	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
10/3/2012	11:22	17.13		9.56		7.57	1.2

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	8:45:00 AM	1.2	0.28	6.51	15.93	211	0.88	115.4	64.44
	9:00:00 AM	2.4	0.28	6.44	15.96	213	0.93	120.8	15.91
Final Field Parameters	9:15:00 AM	3.6	0.28	6.4	15.94	212	0.92	125.4	6.5

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	9:15:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

MWDUP-100412 taken from this location. Labeled on chain of custody as 0800, 10/4/2012, MWDUP-10/4/12.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW06
Project #	8006.31.02	Sampler	AWV
Project Name	Park Laundry - Ridgefield	Sampling Date	10/4/2012
Sampling Event	October 2012	Sample Name	MW06-100412
Sub Area		Sample Depth	16
FSDS QA:	LSC, 10/25/2012	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
10/3/2012	11:18	16.32		9.78		6.54	1

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	10:59:00 AM	1	0.12	6.31	16.61	228	1	143	5.25
	11:41:00 AM	2	0.085	6.32	16.9	241	0.74	146.4	3.07
	12:17:00 PM	3	0.085	6.32	17.37	240	0.9	145.5	2.87
Final Field Parameters	12:22:00 PM	3.1	0.085	6.33	17.44	240	0.91	145.2	1.49

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	12:22:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Very slow recharge.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW07
Project #	8006.31.02	Sampler	AWV
Project Name	Park Laundry - Ridgefield	Sampling Date	10/4/2012
Sampling Event	October 2012	Sample Name	MW07-100412
Sub Area		Sample Depth	15
FSDS QA:	LSC, 10/25/2012	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
10/3/2012	10:58	15.62		11.11		4.51	0.75

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	1:33:00 PM	0.75	0.2	5.48	16.84	147	4.61	185.7	47.45
	1:51:00 PM	1.5	0.2	5.82	16.89	145	4.63	171.8	10.23
Final Field Parameters									
	2:10:00 PM	2.25	0.2	5.85	17.05	145	4.49	173.1	4.34

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	2:10:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW08		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	10/5/2012		
Sampling Event	October 2012	Sample Name	MW08-100512		
Sub Area		Sample Depth	54		
FSDS QA:	LSC, 10/25/2012	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
10/3/2012	10:14	54.98		10.15		44.83	7.3

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(1) Submersible Pump	12:12:00 PM	7.3	0.88	6.19	13.32	483	0.07	17.4	1.94
	12:43:00 PM	14.6	0.95	6.21	13.29	465	0.09	22.4	1.01
Final Field Parameters	1:10:00 PM	21.9	0.96	6.24	13.35	465	0.12	23.2	0.8

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	1:10:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW09		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	10/3/2012		
Sampling Event	October 2012	Sample Name	MW09-100312		
Sub Area		Sample Depth	14		
FSDS QA:	LSC, 10/25/2012	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
10/3/2012	11:00	14.61		7.54		7.07	1.15

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	2:58:00 PM	1.15	0.34	5.82	15.28	255	0.17	22.1	51.98
	3:11:00 PM	2.3	0.35	6.15	15.16	257	0.13	-7	17.64
	3:22:00 PM	3.45	0.35	6.18	15.13	259	0.1	-9.5	6.84
Final Field Parameters	3:27:00 PM	4	0.35	6.19	15.12	259	0.11	-11.8	5.9

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	3:27:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW10		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	10/4/2012		
Sampling Event	October 2012	Sample Name	MW10-100412		
Sub Area		Sample Depth	29		
FSDS QA:	LSC, 10/25/2012	Eastings		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
10/3/2012	10:44	29.53		11.86		17.67	2.9

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	3:45:00 PM	2.9	0.2	6.42	14.82	179	0.13	-31.5	1.47
	4:41:00 PM	5.8	0.22	6.46	14.57	172	0.16	-16.5	1.55
Final Field Parameters	5:15:00 PM	8.7	0.28	6.39	14.35	167	0.19	-13.4	1.08

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	5:15:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW11
Project #	8006.31.02	Sampler	AWV
Project Name	Park Laundry - Ridgefield	Sampling Date	10/5/2012
Sampling Event	October 2012	Sample Name	MW11-100512
Sub Area		Sample Depth	19
FSDS QA:	LSC, 10/25/2012	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
10/3/2012	10:34	19.54		10.91		8.63	1.4

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	3:40:00 PM	1.4	0.25	6.04	15.39	210	3.23	127.1	1.31
	3:58:00 PM	2.8	0.25	5.95	15.32	210	2.73	138.8	2.34
Final Field Parameters									
	4:15:00 PM	4.2	0.25	6.02	15.41	210	2.68	138.7	1.94

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	4:15:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW13
Project #	8006.31.02	Sampler	AWV
Project Name	Park Laundry - Ridgefield	Sampling Date	10/7/2012
Sampling Event	October 2012	Sample Name	MW13-100712
Sub Area		Sample Depth	19
FSDS QA:	LSC, 10/25/2012	Eastings	Northings
			TOC

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
10/3/2012	10:40	19.45		8.91		10.54	1.7

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	12:50:00 PM	1.7	0.32	6.39	15.97	243	2.14	138.7	33.81
	1:12:00 PM	3.4	0.32	6.34	15.92	248	2.12	138.3	20.76
Final Field Parameters									
	1:35:00 PM	5.1	0.32	6.28	15.92	250	1.94	142.9	2.35

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	1:35:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW14		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	10/3/2012		
Sampling Event	October 2012	Sample Name	MW14-100312		
Sub Area		Sample Depth	21		
FSDS QA:	LSC, 10/25/2012	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
10/3/2012	11:04	21.81		13.21		8.6	1.4

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	1:06:00 PM	1.4	0.2	6.17	16.35	178	0.4	137.5	0.62
	1:23:00 PM	2.8	0.2	6.15	16.6	181	0.41	128.6	0.5
	1:49:00 PM	4.2	0.2	6.13	15.87	180	0.44	122.2	0.82
Final Field Parameters	1:54:00 PM	4.4	0.2	6.14	16.18	180	0.44	116.6	0.73

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	1:54:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW15		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	10/7/2012		
Sampling Event	October 2012	Sample Name	MW15-100712		
Sub Area		Sample Depth	64		
FSDS QA:	LSC, 10/25/2012	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
10/3/2012	10:27	64.95		40.8			4

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(1) Submersible Pump	9:09:00 AM	4	2.4	6.37	13.41	204	4.81	125.1	32.9
	9:16:00 AM	8	2.4	6.21	13.4	205	4.54	138	8.22
Final Field Parameters	9:20:00 AM	12	2.4	6.22	13.41	205	4.52	138.3	4.85

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	9:20:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW16		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	10/7/2012		
Sampling Event	October 2012	Sample Name	MW16-100712		
Sub Area		Sample Depth	64		
FSDS QA:	LSC, 10/25/2012	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
10/3/2012	10:21	64.53		39.39		25.14	4

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(1) Submersible Pump	10:47:00 AM	4	2.4	6.47	13.3	227	3.67	139.8	228.5
	10:53:00 AM	8	2.4	6.31	13.34	219	4.07	141.9	413.4
	11:06:00 AM	12	2.4	6.35	14.5	217	3.88	134.6	306.9
	11:12:00 AM	12.2	0.6	6.32	14.85	216	4	134.7	98.41
	11:17:00 AM	12.4	0.6	6.31	15.02	215	3.97	135.7	51.4
Final Field Parameters	11:22:00 AM	12.6	0.6	6.31	15.06	216	3.93	135.8	50.58

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly cloudy, turbid.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	11:22:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW01		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	12/18/2012		
Sampling Event	December 2012	Sample Name	MW01-121812		
Sub Area		Sample Depth	12.95		
FSDS QA:	LSC, 1/18/2013	Eastings		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/18/2012	9:48	12.95		2.79		10.16	1.65

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	3:22:00 PM	1.65	0.16	6.63	12.23	172	1.79	47.5	5.35
	4:02:00 PM	3.3	0.16	6.52	11.88	171	0.86	69.4	3.33
	4:42:00 PM	4.95	0.16	6.49	12.12	170	0.74	83.5	2.8
Final Field Parameters	4:46:00 PM	5.1	0.16	6.48	12.1	170	0.7	86	1.62

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	4:46:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW02		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	12/20/2012		
Sampling Event	December 2012	Sample Name	MW02-122012		
Sub Area		Sample Depth	14.57		
FSDS QA:	LSC, 1/18/2013	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/18/2012	9:43	14.57		1.55		13.02	2.12

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	12:20:00 PM	2.1	0.25	6.68	11.55	68	5.73	119.4	16.8
	12:50:00 PM	4.2	0.25	6.67	11.54	68	6.1	120.4	6.63
Final Field Parameters									
	1:20:00 PM	6.3	0.25	6.68	11.82	68	5.66	122.3	3.43

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	1:20:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW03		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	12/20/2012		
Sampling Event	December 2012	Sample Name	MW03-122012		
Sub Area		Sample Depth	15.26		
FSDS QA:	LSC, 1/18/2013	Eastings		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/18/2012	9:38	15.26		2.45		12.81	2.1

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	10:45:00 AM	2.1	0.25	6.78	11.56	213	1.16	111.3	0.54
	11:15:00 AM	4.2	0.25	6.74	11.77	213	0.85	112.5	0.33
Final Field Parameters									
	11:45:00 AM	6.3	0.25	6.74	11.83	212	0.86	112.7	0.37

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	11:45:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW04
Project #	8006.31.02	Sampler	AWV
Project Name	Park Laundry - Ridgefield	Sampling Date	12/21/2012
Sampling Event	December 2012	Sample Name	MW04-122112
Sub Area		Sample Depth	16.11
FSDS QA:	LSC, 1/18/2013	Eastings	Northings
			TOC

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/18/2012	9:30	16.11		2.93		13.18	2.15

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	8:18:00 AM	2.15	0.26	7.16	12.34	230	2.5	80.6	0.77
	8:40:00 AM	4.3	0.26	7.11	12.82	225	2.28	86.4	0.61
Final Field Parameters									
	9:22:00 AM	6.45	0.26	7.08	13.07	224	2.14	87.9	0.29

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	9:22:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW05		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	12/21/2012		
Sampling Event	December 2012	Sample Name	MW05-122112		
Sub Area		Sample Depth	17.13		
FSDS QA:	LSC, 1/18/2013	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/18/2012	9:35	17.13		5.92		11.21	1.8

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	10:00:00 AM	1.8	0.3	6.92	14.54	210	1.46	91.2	4.19
	10:30:00 AM	3.6	0.3	6.89	14.61	210	1.27	90	2.63
Final Field Parameters	11:00:00 AM	5.4	0.3	6.89	14.7	210	1.22	89.4	1.68

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	11:00:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW06		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	12/20/2012		
Sampling Event	December 2012	Sample Name	MW06-122012		
Sub Area		Sample Depth	16.32		
FSDS QA:	LSC, 1/18/2013	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/18/2012	9:53	16.32		7.29		9.03	1.5

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	8:25:00 AM	1.5	0.2	7	13.58	240	2.56	69.1	0.4
	8:53:00 AM	3	0.2	6.87	13.29	239	2.1	99.7	0.54
	9:45:00 AM	4.5	0.1	6.83	11.86	248	1.28	106.5	0.32
Final Field Parameters	9:50:00 AM	4.6	0.1	6.82	11.75	248	1.18	106.5	0.29

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	9:50:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW07
Project #	8006.31.02	Sampler	AWV
Project Name	Park Laundry - Ridgefield	Sampling Date	12/19/2012
Sampling Event	December 2012	Sample Name	MW07-121912
Sub Area		Sample Depth	15.62
FSDS QA:	LSC, 1/18/2013	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/18/2012	9:56	15.62		9.88		5.74	0.9

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	1:35:00 PM	1	0.25	6.44	14.1	160	4.89	101.4	1.27
	1:50:00 PM	2	0.25	6.42	14.22	158	4.8	104.4	1.17
Final Field Parameters									
	2:05:00 PM	3	0.25	6.41	14.12	157	4.87	107.8	0.64

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	2:05:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW08		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	12/18/2012		
Sampling Event	December 2012	Sample Name	MW08-121812		
Sub Area		Sample Depth	54.98		
FSDS QA:	LSC, 1/18/2013	Eastings		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/18/2012	10:52	54.98		7.39		47.59	7.75

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	12:43:00 PM	7.75	0.55	6.86	12.02	515	0.14	-24.7	1.42
	1:30:00 PM	15.5	0.65	6.89	12.29	503	0.07	-25	3.51
Final Field Parameters									
	2:14:00 PM	23.25	0.65	6.88	12.39	495	0.07	-23.6	0.97

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	2:14:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Trace orangish-brown sediment in VOAs.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW09		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	12/21/2012		
Sampling Event	December 2012	Sample Name	MW09-122112		
Sub Area		Sample Depth	14.61		
FSDS QA:	LSC, 1/18/2013	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/18/2012	9:26	14.61		2.56		12.05	2

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	11:30:00 AM	2	0.3	6.84	13.35	284	0.42	-2.1	9.04
	12:00:00 PM	4	0.3	6.86	13.78	280	0.23	-10.5	5.64
Final Field Parameters									
	12:30:00 PM	6	0.3	6.84	13.8	278	0.19	-18	4.79

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	12:30:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW10		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	12/19/2012		
Sampling Event	December 2012	Sample Name	MW10-121912		
Sub Area		Sample Depth	29.53		
FSDS QA:	LSC, 1/18/2013	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/18/2012	10:01	29.53		11.06		18.47	3.01

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	9:20:00 AM	3.01	0.25	7.22	12.61	163	0.39	-61.8	0.69
	10:10:00 AM	6.02	0.25	7.15	12.46	158	0.21	-56.5	0.3
Final Field Parameters									
	10:45:00 AM	9.03	0.25	7.14	12.41	158	0.21	-59.6	0.34

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	10:45:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW11		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	12/20/2012		
Sampling Event	December 2012	Sample Name	MW11-122012		
Sub Area		Sample Depth	19.54		
FSDS QA:	LSC, 1/18/2013	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/18/2012	10:06	19.54		9.5		10.04	1.6

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	3:20:00 PM	1.6	0.3	6.77	12.87	207	4.39	119.6	0.47
	3:40:00 PM	3.2	0.3	6.74	12.86	209	3.5	120	0.36
Final Field Parameters									
	4:00:00 PM	4.8	0.3	6.75	12.8	210	3.4	118.7	0.4

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	4:00:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW13		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	12/20/2012		
Sampling Event	December 2012	Sample Name	MW13-122012		
Sub Area		Sample Depth	19.45		
FSDS QA:	LSC, 1/18/2013	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/18/2012	10:24	19.45		5.42		14.03	2.3

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	2:00:00 PM	2.3	0.32	7	14.34	250	2.85	113.6	5.91
	2:20:00 PM	4.6	0.32	6.95	14.21	253	2.08	114.1	0.94
Final Field Parameters									
	2:40:00 PM	6.9	0.32	6.93	14.22	255	2.11	113.1	0.94

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	2:40:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW14		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	12/19/2012		
Sampling Event	December 2012	Sample Name	MW14-121912		
Sub Area		Sample Depth	21.81		
FSDS QA:	LSC, 1/18/2013	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/18/2012	9:20	21.81		11.08		10.73	1.75

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	11:55:00 AM	1.75	0.25	6.72	13.59	155	1.54	45	0.76
	12:20:00 PM	3.5	0.25	6.66	13.42	165	1.44	59.4	0.43
Final Field Parameters									
	12:50:00 PM	5.25	0.25	6.64	13.37	165	1.32	71.1	0.21

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	12:50:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW15		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	12/21/2012		
Sampling Event	December 2012	Sample Name	MW15-122112		
Sub Area		Sample Depth	64.95		
FSDS QA:	LSC, 1/18/2013	Eastings		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/18/2012	10:11	64.95		39.13		25.82	4.2

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(1) Submersible Pump	1:35:00 PM	4.2	1.6	6.62	13.49	192	5.32	67	7.22
	1:45:00 PM	8.4	1.6	6.62	13.55	192	5.38	71.4	4.13
Final Field Parameters									
	1:55:00 PM	12.6	1.6	6.57	13.53	192	5.3	74.5	2.32

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless, with trace suspended solids.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	1:55:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW16		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	12/21/2012		
Sampling Event	December 2012	Sample Name	MW16-122112		
Sub Area		Sample Depth	64.53		
FSDS QA:	LSC, 1/18/2013	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/18/2012	10:15	64.53		37.59		26.94	4.39

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(1) Submersible Pump	3:20:00 PM	4.4	2	6.66	15.13	195	5.86	90	106.8
	3:28:00 PM	8.8	2	6.59	13.11	195	5.88	94	26.14
Final Field Parameters	3:36:00 PM	13.2	2	6.57	13.14	195	5.87	98.6	4.14

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	3:36:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW01		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	4/4/2013		
Sampling Event	April 2013	Sample Name	MW01-040413		
Sub Area		Sample Depth	12.95		
FSDS QA:	LSC, 4/19/2013	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
4/4/2013	12:10	12.95		4.83		8.12	1.3

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	1:33:00 PM	1.3	0.16	5.15	12.28	179	0.58	193.7	8.61
	1:55:00 PM	2.6	0.16	6.03	12.24	178	0.33	153.3	3.22
Final Field Parameters									
	2:20:00 PM	3.9	0.16	6.23	12.28	175	0.6	148.8	2.81

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	2:20:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW02
Project #	8006.31.02	Sampler	AWV
Project Name	Park Laundry - Ridgefield	Sampling Date	4/4/2013
Sampling Event	April 2013	Sample Name	MW02-040413
Sub Area		Sample Depth	14.57
FSDS QA:	LSC, 4/19/2013	Eastings	Northings
			TOC

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
4/4/2013	12:15	14.57		5.1		9.47	1.5

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	2:10:00 PM	1.5	0.25	5.46	11.16	61	5.44	156.5	25
	3:00:00 PM	3.5	0.09	6.43	11.31	63	5.23	144.2	21.9
Final Field Parameters									
	3:20:00 PM	5	0.125	6.46	11.23	63	5.35	143.5	9.82

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	3:20:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW03		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	4/4/2013		
Sampling Event	April 2013	Sample Name	MW03-040413		
Sub Area		Sample Depth	15.26		
FSDS QA:	LSC, 4/19/2013	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
4/4/2013	12:05	15.26		9.2		6.06	0.98

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	4:20:00 PM	1	0.2	6.57	11.93	202	2.27	133.2	0.65
	4:45:00 PM	2	0.2	6.64	11.91	206	1.47	126.2	0.41
Final Field Parameters									
	5:15:00 PM	3	0.2	6.67	11.92	206	1.32	124.4	0.41

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	5:15:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW04
Project #	8006.31.02	Sampler	AWV
Project Name	Park Laundry - Ridgefield	Sampling Date	4/5/2013
Sampling Event	April 2013	Sample Name	MW04-040513
Sub Area		Sample Depth	16.11
FSDS QA:	LSC, 4/19/2013	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
4/4/2013	12:00	16.11		5.6		10.51	1.7

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	10:30:00 AM	1.7	0.28	7.05	12.25	222	2.52	103.1	7.14
	10:55:00 AM	3.4	0.28	7.05	12.25	216	2.48	103.8	2.96
Final Field Parameters	11:20:00 AM	5.1	0.28	7.07	12.27	214	2.56	102.3	1.78

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	11:20:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		5

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW05
Project #	8006.31.02	Sampler	AWV
Project Name	Park Laundry - Ridgefield	Sampling Date	4/5/2013
Sampling Event	April 2013	Sample Name	MW05-040513
Sub Area		Sample Depth	17.13
FSDS QA:	LSC, 4/19/2013	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
4/4/2013	11:49	17.13		7.46		9.67	1.6

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	9:00:00 AM	1.6	0.3	6.73	13.6	205	1.52	114.9	6.48
	9:23:00 AM	3.2	0.3	6.81	14.07	205	1.35	108.5	2.73
Final Field Parameters									
	9:45:00 AM	4.8	0.3	6.8	13.93	205	1.26	109.4	1.16

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	9:45:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Duplicate sample collected from this well. 5 additional bottles, making 10 total samples collected from this well. MW05-040513-DUP.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW06
Project #	8006.31.02	Sampler	AWV
Project Name	Park Laundry - Ridgefield	Sampling Date	4/5/2013
Sampling Event	April 2013	Sample Name	MW06-040513
Sub Area		Sample Depth	16.32
FSDS QA:	LSC, 4/19/2013	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
4/4/2013	11:20	16.32		8.58		7.74	1.3

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	12:00:00 PM	1.3	0.2	6.93	13.66	238	3.05	116	11.46
	12:25:00 PM	2.6	0.15	6.96	13.66	235	2.3	113.7	1.78
Final Field Parameters									
	12:50:00 PM	3.9	0.15	6.96	13.55	235	2.1	113.7	1.78

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	12:50:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW07		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	4/9/2013		
Sampling Event	April 2013	Sample Name	MW07-040913		
Sub Area		Sample Depth	15.62		
FSDS QA:	LSC, 4/19/2013	Eastings		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
4/4/2013	10:58	15.62		9.75		5.87	0.95

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	8:50:00 AM	1	0.25	6.38	12.3	163	4.76	157.6	7.61
	9:10:00 AM	2	0.25	6.52	12.35	159	4.73	148.8	3.04
Final Field Parameters									
	9:30:00 AM	3	0.25	6.51	12.46	158	4.74	149.1	1.84

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	9:30:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW08
Project #	8006.31.02	Sampler	AWV
Project Name	Park Laundry - Ridgefield	Sampling Date	4/8/2013
Sampling Event	April 2013	Sample Name	MW08-040813
Sub Area		Sample Depth	54.98
FSDS QA:	LSC, 4/19/2013	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
4/4/2013	10:05	54.98		9		45.98	7.5

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	1:00:00 PM	7.5	1	6.29	12.95	479	1	72.2	0.54
	1:35:00 PM	15	1	6.75	12.82	469	0.22	48.9	0.67
Final Field Parameters									
	2:10:00 PM	22.5	1	6.78	12.9	460	0.24	48.1	0.55

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	2:10:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Trace red sediment in VOAs.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW09		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	4/8/2013		
Sampling Event	April 2013	Sample Name	MW09-040813		
Sub Area		Sample Depth	14.61		
FSDS QA:	LSC, 4/19/2013	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
4/4/2013	11:58	14.61		5.1		9.51	1.5

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	4:45:00 PM	1.5	0.3	6.76	12.34	270	0.29	38.9	22.1
	5:05:00 PM	3	0.3	6.79	12.27	271	0.19	27	5.57
Final Field Parameters	5:25:00 PM	4.5	0.3	6.8	12.14	272	0.13	19.2	5.88

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	5:25:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW10
Project #	8006.31.02	Sampler	AWV
Project Name	Park Laundry - Ridgefield	Sampling Date	4/9/2013
Sampling Event	April 2013	Sample Name	MW10-040913
Sub Area		Sample Depth	29.53
FSDS QA:	LSC, 4/19/2013	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
4/4/2013	11:03	29.53		10.52		19.01	3

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	9:55:00 AM	3	0.3	7.1	12.85	167	1.53	5.6	1.57
	10:35:00 AM	6	0.3	7.17	13	164	1.07	-7.4	0.97
Final Field Parameters	11:15:00 AM	9	0.3	7.19	12.93	162	1.01	-10.4	0.7

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	11:15:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW11		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	4/9/2013		
Sampling Event	April 2013	Sample Name	MW11-040913		
Sub Area		Sample Depth	19.54		
FSDS QA:	LSC, 4/19/2013	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
4/4/2013	10:27	19.54		10.68		8.86	1.4

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	2:40:00 PM	1.4	0.34	6.92	12.32	203	5.65	112.3	1.97
	3:00:00 PM	2.8	0.34	7.04	12.41	206	3.61	100.9	0.71
Final Field Parameters									
	3:20:00 PM	4.2	0.34	7.06	12.52	207	3.25	98.9	0.63

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	3:20:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW13
Project #	8006.31.02	Sampler	AWV
Project Name	Park Laundry - Ridgefield	Sampling Date	4/9/2013
Sampling Event	April 2013	Sample Name	MW13-040913
Sub Area		Sample Depth	19.45
FSDS QA:	LSC, 4/19/2013	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
4/4/2013	10:15	19.45		7.07		12.38	2

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	4:00:00 PM	2	0.35	7.18	13.65	251	3.04	93.8	3
	4:20:00 PM	4	0.35	7.16	13.78	254	2.55	95.6	1.34
Final Field Parameters									
	4:40:00 PM	6	0.35	7.16	13.8	255	2.41	94.3	1

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	4:40:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW14
Project #	8006.31.02	Sampler	AWV
Project Name	Park Laundry - Ridgefield	Sampling Date	4/9/2013
Sampling Event	April 2013	Sample Name	MW14-040913
Sub Area		Sample Depth	21.81
FSDS QA:	LSC, 4/19/2013	Eastings	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
4/4/2013	11:53	21.81		11.65		10.16	1.65

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	12:15:00 PM	1.65	0.25	6.89	13.21	164	2.39	76.4	0.38
	12:50:00 PM	3.3	0.25	6.89	13.5	164	2.2	84.2	0.39
Final Field Parameters									
	1:25:00 PM	5	0.25	6.89	13.45	165	2.12	90.7	0.74

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	1:25:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW15		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	4/10/2013		
Sampling Event	April 2013	Sample Name	MW15-041013		
Sub Area		Sample Depth	64.95		
FSDS QA:	LSC, 4/19/2013	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
4/4/2013	10:43	64.95		39.95		25	4

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(1) Submersible Pump	1:30:00 PM	5	1.5	7.7	13.81	201	5.05	57.4	1.97
	1:44:00 PM	10	1	7.35	14.45	199	4.24	64.3	1.11
Final Field Parameters									
	2:00:00 PM	13	0.8	7.24	14.55	199	4.17	70.5	0.95

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	2:00:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW16		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	4/10/2013		
Sampling Event	April 2013	Sample Name	MW16-041013		
Sub Area		Sample Depth	64.53		
FSDS QA:	LSC, 4/19/2013	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
4/4/2013	10:52	64.53		38.53		26	4.2

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(1) Submersible Pump	3:20:00 PM	4.2	1	7.16	14.37	188	4.7	79	5.7
	3:35:00 PM	8.4	1	7.17	14.49	189	4.66	77.9	4.69
Final Field Parameters	3:50:00 PM	12.6	1	7.13	14.7	188	4.83	79	3.72

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	3:50:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW17		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	4/9/2013		
Sampling Event	April 2013	Sample Name	MW17-040913		
Sub Area		Sample Depth	33.25		
FSDS QA:	LSC, 4/19/2013	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
4/4/2013	11:15	33.25		11.08		22.17	3.6

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	5:25:00 PM	3.6	0.8	7.37	13.43	250	0.08	-63.3	2.55
	5:45:00 PM	7.2	0.8	7.45	13.46	252	0.04	-76	0.99
Final Field Parameters									
	6:05:00 PM	10.8	0.8	7.46	13.48	252	0.03	-78.3	0.79

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	6:05:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW18		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	4/10/2013		
Sampling Event	April 2013	Sample Name	MW18-041013		
Sub Area		Sample Depth	43.16		
FSDS QA:	LSC, 4/19/2013	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
4/4/2013	11:10	43.16		36.35		6.81	1.1

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(3) Disposable Bailer	9:22:00 AM	1.1		7.52	12.3	205	5.62	86.8	27.2
	9:38:00 AM	2.2		7.24	12.15	208	6.69	106.3	19.7
Final Field Parameters	9:50:00 AM	3.3		7.1	12.36	206	6.46	105.9	5.3

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	9:50:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW19		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	4/10/2013		
Sampling Event	April 2013	Sample Name	MW19-041013		
Sub Area		Sample Depth	63		
FSDS QA:	LSC, 4/19/2013	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
4/4/2013	10:35	63		36.35		26.65	4.3

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(1) Submersible Pump	11:00:00 AM	4.8	1	7.83	17.31	299	0.58	-138.2	93
	11:15:00 AM	8.8	1	7.74	17.95	269	0.48	-175.4	66.5
	11:30:00 AM	12.9	1	7.6	18.37	249	0.44	-186.2	30.1
Final Field Parameters	11:45:00 AM	17	1	7.54	18.15	242	0.53	-230.1	25.6

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly grayish and cloudy.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	11:45:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW20		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	4/9/2013		
Sampling Event	April 2013	Sample Name	MW20-040913		
Sub Area		Sample Depth	9.67		
FSDS QA:	LSC, 4/19/2013	Eastings		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
4/4/2013	9:54	9.67		5.32		4.35	0.7

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	11:46:00 AM	0.7	0.08	6.03	12.68	320	1	94.9	54.4
Final Field Parameters	12:00:00 PM	1.4	0.08	6.07	12.84	333	0.75	49.6	34.5

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Yellowish tint.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	2:00:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Well pumped dry after approximately 2.0 gallons, at 12:10 on 4/8/2013. Came back to well after 24 hours to sample.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW21		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	4/8/2013		
Sampling Event	April 2013	Sample Name	MW21-040813		
Sub Area		Sample Depth	13.1		
FSDS QA:	LSC, 4/19/2013	Eastings		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
4/4/2013	12:07	13.1		4.44		8.66	1.4

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	3:06:00 PM	1.4	0.25	6.66	11.82	195	1.43	80.9	7.33
	3:26:00 PM	2.8	0.25	6.76	11.97	195	1.31	78.1	2.44
Final Field Parameters									
	3:46:00 PM	4.2	0.25	6.79	12.2	195	1.24	80.7	1.55

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	3:46:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW01		
Project #	8006.31.02	Sampler	AWV/SVH		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/3/2013		
Sampling Event	June 2013	Sample Name	MW01-060313		
Sub Area		Sample Depth	12.95		
FSDS QA:	AWV, 6/10/2013	Eastings		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/2/2013	15:30	12.95		4.93		8.02	1.3

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	9:00:00 AM	1.3	0.2	5.87	13.75	184	0.49	131.9	2.74
	9:25:00 AM	2	0.2	5.9	14	165	0.51	127.3	1.58
	10:00:00 AM	4	0.2	5.92	14.06	165	0.57	114.8	1.22
Final Field Parameters	10:05:00 AM	4.1	0.2	5.92	14.08	165	0.58	113.3	0.96

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	10:05:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW02		
Project #	8006.31.02	Sampler	AWV/SVH		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/3/2013		
Sampling Event	June 2013	Sample Name	MW02-060313		
Sub Area		Sample Depth	14.57		
FSDS QA:	AWV, 6/10/2013	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/2/2013	15:45	14.57		4.78		9.79	1.6

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	10:05:00 AM	1.8	0.2	6.48	13.63	67	2.1	6.8	13.2
	10:27:00 AM	3.2	0.2	6.48	13.68	68	2.02	6.2	15.2
	11:00:00 AM	4.8	0.225	6.44	13.56	66	1.75	8.8	7.06
Final Field Parameters	11:08:00 AM	5	0.225	6.46	13.66	67	1.73	7.4	3.77

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	11:08:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW03		
Project #	8006.31.02	Sampler	AWV/SVH		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/3/2013		
Sampling Event	June 2013	Sample Name	MW03-060313		
Sub Area		Sample Depth	15.26		
FSDS QA:	AWV, 6/10/2013	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/2/2013	16:40	15.26		5.69		9.57	1.56

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	12:00:00 PM	1.56	0.3	6.35	13.34	193	1.19	-0.8	1.08
	12:15:00 PM	3.1	0.3	6.33	13.17	193	0.67	0.8	0.88
Final Field Parameters									
	12:30:00 PM	4.8	0.3	6.32	12.79	192	0.66	1.6	0.74

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	12:30:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW04
Project #	8006.31.02	Sampler	AWV/SVH
Project Name	Park Laundry - Ridgefield	Sampling Date	6/4/2013
Sampling Event	June 2013	Sample Name	MW04-060413
Sub Area		Sample Depth	16.11
FSDS QA:	AWV, 6/10/2013	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/2/2013	17:00	16.11		5.91		10.2	1.7

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	8:15:00 AM	1.7	0.28	6.29	12.91	194	2.47	180.7	2.86
	9:10:00 AM	3.5	0.28	6.34	13.05	188	2.37	181.7	0.88
Final Field Parameters	9:38:00 AM	5.1	0.28	6.39	13.39	187	2.22	183.6	0.96

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	9:38:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW05		
Project #	8006.31.02	Sampler	AWV/SVH		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/3/2013		
Sampling Event	June 2013	Sample Name	MW05-060313-DUP		
Sub Area		Sample Depth	17.13		
FSDS QA:	AWV, 6/10/2013	Eastings		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/2/2013	17:10	17.13		7.65		9.48	1.6

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	1:39:00 PM	1.7	0.3	6.44	15.71	190	0.87	0.6	3
	2:10:00 PM	3.8	0.3	6.43	15.52	189	0.8	0.2	1.76
Final Field Parameters									
	2:35:00 PM	5.1	0.3	6.43	15.77	190	0.8	-0.1	1.6

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	2:35:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW05		
Project #	8006.31.02	Sampler	AWV/SVH		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/3/2013		
Sampling Event	June 2013	Sample Name	MW05-060313		
Sub Area		Sample Depth	17.13		
FSDS QA:	AWV, 6/10/2013	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/2/2013	17:10	17.13		7.65		9.48	1.6

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	1:39:00 PM	1.7	0.3	6.44	15.71	190	0.87	0.6	3
	2:10:00 PM	3.8	0.3	6.43	15.52	189	0.8	0.2	1.76
Final Field Parameters	2:35:00 PM	5.1	0.3	6.43	15.77	190	0.8	-0.1	1.6

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	2:35:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

MW05-060313-DUP taken from this location.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW06
Project #	8006.31.02	Sampler	AWV/SVH
Project Name	Park Laundry - Ridgefield	Sampling Date	6/3/2013
Sampling Event	June 2013	Sample Name	MW06-060313
Sub Area		Sample Depth	16.32
FSDS QA:	AWV, 6/10/2013	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/2/2013	17:25	16.32		9.5		6.82	1.1

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	1:40:00 PM	1.1	0.1	6.38	17.62	209	2.52	108.9	1.1
	2:10:00 PM	2.2	0.16	6.33	16.8	208	2.43	105.3	1.31
	2:55:00 PM	3.3	0.16	6.3	18.12	212	1.61	117.7	1.02
Final Field Parameters	3:00:00 PM	3.4	0.16	6.31	17.97	214	1.47	115.8	1.76

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	4:00:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Sediment in 1st bailer, dumped bailer, re-draw water. Sample taken from second bailer.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW07		
Project #	8006.31.02	Sampler	AWV/SVH		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/4/2013		
Sampling Event	June 2013	Sample Name	MW07-060413		
Sub Area		Sample Depth	15.62		
FSDS QA:	AWV, 6/10/2013	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/2/2013	17:30	15.62		9.88		5.74	0.9

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	10:42:00 AM	0.9	0.26	5.84	13.98	136	4.02	191.6	3.41
	10:56:00 AM	1.8	0.26	5.84	14.03	132	3.83	194.9	1.2
Final Field Parameters	11:17:00 AM	2.7	0.26	5.84	14.05	129	3.74	199.6	0.98

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	11:17:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW08
Project #	8006.31.02	Sampler	AWV/SVH
Project Name	Park Laundry - Ridgefield	Sampling Date	6/2/2013
Sampling Event	June 2013	Sample Name	MW08-060213
Sub Area		Sample Depth	54.98
FSDS QA:	AWV, 6/10/2013	Eastings	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/2/2013	16:10	54.98		8.33		46.65	7.6

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	4:42:00 PM	7.6	0.95	5.95	12.93	441	0.33	35.2	2.73
	4:58:00 PM	15.2	0.9	6.29	12.94	429	0.26	22.6	1.2
Final Field Parameters	5:18:00 PM	24	0.9	6.37	12.96	423	0.27	19	0.83

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	5:18:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Began purge at 16:25.

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW09		
Project #	8006.31.02	Sampler	AWV/SVH		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/3/2013		
Sampling Event	June 2013	Sample Name	MW09-060313		
Sub Area		Sample Depth	14.61		
FSDS QA:	AWV, 6/10/2013	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/2/2013	17:15	14.61		5		9.61	1.6

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	3:42:00 PM	1.6	0.3	6.48	15.06	264	0.14	-5.8	6.77
	3:53:00 PM	3.2	0.3	6.42	13.77	260	0.03	-3.9	4.88
Final Field Parameters	4:13:00 PM	4.8	0.3	6.43	13.49	261	0.03	-2.6	3.62

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	4:13:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW10
Project #	8006.31.02	Sampler	AWV/SVH
Project Name	Park Laundry - Ridgefield	Sampling Date	6/4/2013
Sampling Event	June 2013	Sample Name	MW10-060413
Sub Area		Sample Depth	29.53
FSDS QA:	AWV, 6/10/2013	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/2/2013	18:05	29.53		10.95		18.58	3

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	11:05:00 AM	3	0.3	6.74	13.63	156	0.66	-8.9	2.82
	11:40:00 AM	6	0.3	6.74	13.77	152	0.48	-8.7	2.13
Final Field Parameters									
	12:20:00 PM	9	0.3	6.75	14.01	149	0.38	-9.7	1.5

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	12:20:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW11		
Project #	8006.31.02	Sampler	AWV/SVH		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/4/2013		
Sampling Event	June 2013	Sample Name	MW11-060413		
Sub Area		Sample Depth	19.54		
FSDS QA:	AWV, 6/10/2013	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/2/2013	18:35	19.54		11.9		7.64	1.2

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	12:40:00 PM	1.5	0.2	6.24	14.37	178	4.18	87.6	1.1
	12:55:00 PM	2.4	0.2	6.29	14.13	181	3.43	85.8	1.02
Final Field Parameters									
	1:25:00 PM	3.7	0.2	6.28	14.56	183	3.04	77	2.33

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	1:25:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		5

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW13		
Project #	8006.31.02	Sampler	AWV/SVH		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/4/2013		
Sampling Event	June 2013	Sample Name	MW13-060413		
Sub Area		Sample Depth	19.45		
FSDS QA:	AWV, 6/10/2013	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/2/2013	18:30	19.45		8.47		10.98	1.8

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	1:30:00 PM	1.8	0.4	6.51	15.14	237	2.07	13.1	2.67
	2:00:00 PM	3.6	0.3	6.49	15.26	241	1.88	13.8	0.83
Final Field Parameters									
	2:27:00 PM	5.4	0.3	6.49	15.57	241	1.95	13.3	0.64

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	2:27:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW14
Project #	8006.31.02	Sampler	AWV/SVH
Project Name	Park Laundry - Ridgefield	Sampling Date	6/4/2013
Sampling Event	June 2013	Sample Name	MW14-060413
Sub Area		Sample Depth	21.81
FSDS QA:	AWV, 6/10/2013	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/4/2013	7:55	21.81		12.11		9.7	1.6

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	8:30:00 AM	1.6	0.25	6.23	14.35	177	1.17	18.3	0.8
	8:55:00 AM	3.2	0.2	6.22	14.46	175	1.14	18.1	0.74
Final Field Parameters									
	9:35:00 AM	4.8	0.2	6.21	14.72	176	1.13	17.8	1.5

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	9:35:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW15
Project #	8006.31.02	Sampler	AWV/SVH
Project Name	Park Laundry - Ridgefield	Sampling Date	6/4/2013
Sampling Event	June 2013	Sample Name	MW15-060413
Sub Area		Sample Depth	64.95
FSDS QA:	AWV, 6/10/2013	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/2/2013	18:20	64.95		39.52		25.43	4.1

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(1) Submersible Pump	5:00:00 PM	4.1	1.6	6.26	13.93	180	4.12	63.2	4.43
	5:08:00 PM	8.2	1.6	6.31	13.96	179	3.75	64.7	2.7
Final Field Parameters	5:17:00 PM	12.3	1.6	6.34	13.75	177	3.88	69.7	3.16

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly turbid in VOAs.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	5:17:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW16		
Project #	8006.31.02	Sampler	AWV/SVH		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/4/2013		
Sampling Event	June 2013	Sample Name	MW16-060413		
Sub Area		Sample Depth	64.53		
FSDS QA:	AWV, 6/10/2013	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/2/2013	18:40	64.53		38.02		26.51	4.3

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(1) Submersible Pump	3:40:00 PM	4.3	1.6	6.17	13.61	166	5.43	67.7	12.86
	3:50:00 PM	8.6	1.6	6.18	13.74	167	5.15	68.1	3.96
Final Field Parameters	4:00:00 PM	12.9	1.6	6.17	13.73	167	5.24	70.9	2.87

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly cloudy in VOAs.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	4:00:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW17		
Project #	8006.31.02	Sampler	AWV/SVH		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/4/2013		
Sampling Event	June 2013	Sample Name	MW17-060413		
Sub Area		Sample Depth	33.25		
FSDS QA:	AWV, 6/10/2013	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/2/2013	18:45	33.25		11.69		21.56	3.5

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	7:15:00 PM	3.5	0.8	6.6	13.8	220	0.92	-49.1	31.32
	7:30:00 PM	7	0.8	6.57	13.74	220	0.17	-57.9	7.44
Final Field Parameters									
	7:48:00 PM	10.5	0.8	6.57	13.69	220	0.13	-61.5	7.55

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	7:48:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW18		
Project #	8006.31.02	Sampler	AWV/SVH		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/3/2013		
Sampling Event	June 2013	Sample Name	MW18-060313		
Sub Area		Sample Depth	43.16		
FSDS QA:	AWV, 6/10/2013	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/2/2013	18:10	43.16		36.54		6.62	1.1

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(3) Disposable Bailer	5:32:00 PM	1.1		6.31	14.04	183	6.65	161.6	49.83
Final Field Parameters	5:55:00 PM	2.2		6.01	12.99	182	5.88	149.9	334.9

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	2:20:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

2.5 gallons bailed from well; well bailed dry. Sampled next day, 6/3/2013 at 14:20.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW19
Project #	8006.31.02	Sampler	AWV/SVH
Project Name	Park Laundry - Ridgefield	Sampling Date	6/4/2013
Sampling Event	June 2013	Sample Name	MW19-060413
Sub Area		Sample Depth	63
FSDS QA:	AWV, 6/10/2013	Eastings	Northings
			TOC

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/2/2013	18:15	63		36.05		26.95	4.4

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(1) Submersible Pump	6:10:00 PM	4.4	2.1	7.35	17.59	245	0.45	-113	10.9
	6:15:00 PM	8.8	2.1	7.15	17.68	234	0.18	-101.7	7.05
Final Field Parameters									
	6:20:00 PM	13.2	2.1	6.97	17.79	226	0.13	-88.8	4.43

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly turbid.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	6:20:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW20
Project #	8006.31.02	Sampler	AWV/SVH
Project Name	Park Laundry - Ridgefield	Sampling Date	6/3/2013
Sampling Event	June 2013	Sample Name	MW20-060313
Sub Area		Sample Depth	9.67
FSDS QA:	AWV, 6/10/2013	Eastings	Northings
			TOC

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/2/2013	16:50	9.67		5.36		4.31	0.7

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	4:20:00 PM	0.7	0.1	5.77	17.28	288	0.66	40.5	78.04

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Light yellowish tint.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	2:00:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

16:42 well pumped dry. Sampled next day, 6/3/2013 at 14:00.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW21
Project #	8006.31.02	Sampler	AWV/SVH
Project Name	Park Laundry - Ridgefield	Sampling Date	6/3/2013
Sampling Event	June 2013	Sample Name	MW21-060313
Sub Area		Sample Depth	13.1
FSDS QA:	AWV, 6/10/2013	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/2/2013	16:30	13.1		4.89		8.21	1.3

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	10:50:00 AM	1.4	0.25	6.24	13.41	167	1.14	82.7	9.54
	11:10:00 AM	2.7	0.25	6.29	13.99	167	0.62	78.9	3.43
Final Field Parameters									
	11:40:00 AM	3.9	0.25	6.26	13.98	168	0.59	70.7	1.95

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	11:40:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW01		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/27/2013		
Sampling Event	September 2013	Sample Name	MW01-092713		
Sub Area		Sample Depth	12.95		
FSDS QA:	SVH, 10/1/2013	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/24/2013	9:57	12.95		5.85		7.1	1.16

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	11:48:00 AM	1.2	0.2	6.03	17	119	1.22	286.2	1.35
	12:10:00 PM	2.4	0.2	5.97	16.69	119	1.37	286.3	1.08
Final Field Parameters									
	12:32:00 PM	3.6	0.2	5.93	16.39	119	1.39	288	1.82

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	12:32:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		5

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW02		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/27/2013		
Sampling Event	September 2013	Sample Name	MW02-092713		
Sub Area		Sample Depth	14.57		
FSDS QA:	SVH, 10/1/2013	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/24/2013	10:04	14.57		5.85		8.72	1.42

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	12:55:00 PM	1.45	0.225	6.31	15.57	83	1.59	0.4	43.17
	1:20:00 PM	2.9	0.225	6.26	15.5	85	1.77	0.2	7.71
Final Field Parameters									
	1:45:00 PM	4.3	0.225	6.24	15.51	85	1.83	0.7	7.69

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	1:45:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		5

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW03		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/27/2013		
Sampling Event	September 2013	Sample Name	MW03-092713		
Sub Area		Sample Depth	15.26		
FSDS QA:	SVH, 10/1/2013	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/24/2013	10:11	15.26		7.39		7.87	1.28

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	1:20:00 PM	1.3	0.3	5.95	13.13	155	1.22	332.7	0.78
	1:40:00 PM	1.6	0.3	5.96	13.14	155	1.23	324.5	0.9
Final Field Parameters									
	2:00:00 PM	3.9	0.3	5.98	13.16	155	1.32	310.07	0.83

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	2:00:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		5

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW04		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/27/2013		
Sampling Event	September 2013	Sample Name	MW04-092713		
Sub Area		Sample Depth	16.11		
FSDS QA:	SVH, 10/1/2013	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/24/2013	10:31	16.11		6.67		9.44	1.54

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	3:15:00 PM	1.5	0.28	6.42	15.22	168	4.04	342.8	2.03
	3:45:00 PM	3	0.28	6.39	15.13	168	3.96	344.6	0.53
Final Field Parameters									
	4:15:00 PM	4.7	0.28	6.39	15.16	168	3.87	345.2	0.75

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	4:15:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		5

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW05
Project #	8006.31.02	Sampler	AWV
Project Name	Park Laundry - Ridgefield	Sampling Date	9/27/2013
Sampling Event	September 2013	Sample Name	MW05-092713-DUP
Sub Area		Sample Depth	17.13
FSDS QA:	SVH, 10/1/2013	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/24/2013	10:27	17.13		8.57		8.56	1.4

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters									

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer			VOA-Glass		
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		0

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW05		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/27/2013		
Sampling Event	September 2013	Sample Name	MW05-092713		
Sub Area		Sample Depth	17.13		
FSDS QA:	SVH, 10/1/2013	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/24/2013	10:27	17.13		8.57		8.56	1.4

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	3:05:00 PM	1.4	0.3	6.28	16.27	187	0.9	1.2	1.69
	3:30:00 PM	2.8	0.3	6.27	16.22	187	0.9	1.7	0.85
Final Field Parameters									
	3:55:00 PM	4.2	0.3	6.27	16.22	187	0.9	1.8	0.8

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	3:55:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		5

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW05
Project #	8006.31.02	Sampler	AWV
Project Name	Park Laundry - Ridgefield	Sampling Date	9/27/2013
Sampling Event	September 2013	Sample Name	MW05-092713-DUP
Sub Area		Sample Depth	17.13
FSDS QA:	SVH, 10/1/2013	Eastings	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/24/2013	10:27	17.13		8.57		8.56	1.4

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	3:05:00 PM	1.4	0.3	6.28	16.27	187	0.9	1.2	1.69
	3:30:00 PM	2.8	0.3	6.27	16.22	187	0.9	1.7	0.85
Final Field Parameters									
	3:55:00 PM	4.2	0.3	6.27	16.22	187	0.9	1.8	0.8

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	3:55:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW06		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/26/2013		
Sampling Event	September 2013	Sample Name	MW06-092613		
Sub Area		Sample Depth	16.32		
FSDS QA:	SVH, 10/1/2013	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/24/2013	10:14	16.32		9.21		7.11	1.16

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	12:35:00 PM	1.2	0.16	6.27	17.12	212	0.88	-5	2.95
	1:00:00 PM	2.4	0.16	6.29	17.85	215	2.29	-1.8	2.45
Final Field Parameters									
	1:27:00 PM	3.5	0.16	6.34	17.65	213	2.5	0.9	2.62

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	1:27:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		5

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW07		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/25/2013		
Sampling Event	September 2013	Sample Name	MW07-092513		
Sub Area		Sample Depth	15.62		
FSDS QA:	SVH, 10/1/2013	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/24/2013	10:57	15.62		11.66		3.96	0.65

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	1:21:00 PM	0.7	0.2	6.07	16.3	106	5.04	300.1	44
	1:30:00 PM	1.4	0.2	6.01	16.19	95	4.94	308.9	70.8
	1:39:00 PM	2.1	0.2	6	16.15	95	4.72	309.6	70.4
	1:47:00 PM	2.8	0.2	5.99	16.13	93	4.71	309.4	43.6
Final Field Parameters	1:57:00 PM	3.5	0.2	5.99	16.21	92	4.71	308.4	43.7

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly turbid, gray in color.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	1:57:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW08		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/24/2013		
Sampling Event	September 2013	Sample Name	MW08-092413		
Sub Area		Sample Depth	54.98		
FSDS QA:	SVH, 10/1/2013	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/24/2013	11:31	54.98		10.67		44.31	7.2

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	3:06:00 PM	7.2	1.5	6.24	12.99	452	0.47	-12.2	1.78
	3:26:00 PM	14.4	1.5	6.27	12.9	430	0.43	-16.6	1.24
Final Field Parameters	3:46:00 PM	21.6	1.5	6.27	12.88	422	0.47	-16.8	0.64

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	3:46:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW09		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/27/2013		
Sampling Event	September 2013	Sample Name	MW09-092713		
Sub Area		Sample Depth	14.61		
FSDS QA:	SVH, 10/1/2013	Eastings		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/24/2013	10:41	14.61		6.75		7.86	1.28

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	9:00:00 AM	1.3	0.3	6.4	14.8	228	0.31	-10.1	10.54
	9:20:00 AM	2.6	0.3	6.37	14.7	229	0.33	-5.6	
Final Field Parameters	9:40:00 AM	3.9	0.3	6.36	14.85	230	0.31	-4	3.29

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	9:40:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		5

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW10
Project #	8006.31.02	Sampler	AWV
Project Name	Park Laundry - Ridgefield	Sampling Date	9/25/2013
Sampling Event	September 2013	Sample Name	MW10-092513
Sub Area		Sample Depth	29.53
FSDS QA:	SVH, 10/1/2013	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/24/2013	11:01	29.53		12.41		17.12	2.79

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	1:10:00 PM	2.8	0.3	6.64	13.97	154	0.24	-30.1	0.9
	1:45:00 PM	5.6	0.3	6.62	14.02	149	0.23	-28.5	1.09
Final Field Parameters	2:20:00 PM	8.4	0.3	6.63	14.19	149	0.26	-28.9	1.29

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	2:20:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW11		
Project #	8006.31.02	Sampler	AWV/SVH		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/24/2013		
Sampling Event	September 2013	Sample Name	MW11-092413		
Sub Area		Sample Depth	19.54		
FSDS QA:	SVH, 10/1/2013	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/24/2013	11:12	19.54		11.12		8.42	1.37

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	2:20:00 PM	1.4	0.2	5.92	14.08	151	4.46	267.2	1.19
	2:40:00 PM	2.8	0.2	6.06	14.11	154	3.87	273	0.88
	3:00:00 PM	4.2	0.2	6.1	14.07	156	3.79	275.9	0.48
Final Field Parameters	3:05:00 PM	4.3	0.2	6.08	14.08	156	3.67	276.7	0.53

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	3:05:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		5

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW13
Project #	8006.31.02	Sampler	AWV
Project Name	Park Laundry - Ridgefield	Sampling Date	9/25/2013
Sampling Event	September 2013	Sample Name	MW13-092513
Sub Area		Sample Depth	19.45
FSDS QA:	SVH, 10/1/2013	Eastings	Northings
			TOC

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/24/2013	11:18	19.45		8.82		10.63	1.73

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	3:28:00 PM	1.75	0.3	6.4	15.84	229	2.2	-12.7	3.69
	3:44:00 PM	3.5	0.3	6.38	15.53	236	2.26	-13.5	1.44
Final Field Parameters									
	4:00:00 PM	5.25	0.3	6.35	15.5	238	2.3	-12.5	1.22

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	4:00:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW14		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/27/2013		
Sampling Event	September 2013	Sample Name	MW14-092713		
Sub Area		Sample Depth	21.81		
FSDS QA:	SVH, 10/1/2013	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/24/2013	10:37	21.81		11.17		10.64	1.73

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	10:00:00 AM	1.75	0.25	6.07	14.71	131	1.23	289.5	1.41
	10:25:00 AM	3.5	0.25	6.07	14.65	132	1.47	288.3	0.73
Final Field Parameters	10:50:00 AM	5.25	0.25	6.08	14.73	133	1.4	287.7	0.85

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	10:50:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW15
Project #	8006.31.02	Sampler	AWV
Project Name	Park Laundry - Ridgefield	Sampling Date	9/24/2013
Sampling Event	September 2013	Sample Name	MW15-092413
Sub Area		Sample Depth	64.95
FSDS QA:	SVH, 10/1/2013	Eastings	Northings
			TOC

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/24/2013	9:26	64.95		41.74		23.21	3.78

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(1) Submersible Pump	11:19:00 AM	3.8	1.2	5.82	14.4	182	4.87	-5.4	8.25
	11:29:00 AM	7.6	1.2	5.98	14.52	183	4.87	-12.4	3.47
Final Field Parameters	11:39:00 AM	11.4	1.2	6.02	14.53	181	4.86	-14.2	2.87

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	11:39:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		5

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW16		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/24/2013		
Sampling Event	September 2013	Sample Name	MW16-092413		
Sub Area		Sample Depth	64.53		
FSDS QA:	SVH, 10/1/2013	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/24/2013	9:08	64.53		40.32		24.21	3.94

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(1) Submersible Pump	9:33:00 AM	4	1.3	4.88	13.83	197	4.8	27.3	109.4
	9:43:00 AM	8	1.3	5.29	13.92	191	5.12	12.6	31.67
	9:54:00 AM	12	1.3	5.61	13.97	186	5.2	-0.2	7.02
Final Field Parameters	10:05:00 AM	16	1.3	5.7	13.99	187	5.19	-4	4.16

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	10:05:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		5

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW17		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/26/2013		
Sampling Event	September 2013	Sample Name	MW17-092613		
Sub Area		Sample Depth	33.25		
FSDS QA:	SVH, 10/1/2013	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/24/2013	12:26	33.25		12.84		20.41	3.33

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	10:36:00 AM	3.5	0.6	6.59	13.45	228	0.48	-31.3	1.27
	11:08:00 AM	7	0.6	6.62	13.54	228	0.31	-29.4	1.16
Final Field Parameters	11:40:00 AM	10	0.6	6.61	13.67	230	0.21	-28.2	2.1

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	11:40:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		5

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW18		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/27/2013		
Sampling Event	September 2013	Sample Name	MW18-092713		
Sub Area		Sample Depth	43.16		
FSDS QA:	SVH, 10/1/2013	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/24/2013	11:06	43.16		37.1		6.06	0.99

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(3) Disposable Bailer									
Final Field Parameters	2:10:00 PM	1		6.36	12.8	188	3.58	-0.5	

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	8:15:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Bailed well dry; 1.5 gallons. Sampled next day, 9/27/2013 at 08:15.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW19		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/24/2013		
Sampling Event	September 2013	Sample Name	MW19-092413		
Sub Area		Sample Depth	63		
FSDS QA:	SVH, 10/1/2013	Eastings		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/24/2013	9:35	63		38.08		24.92	4

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(1) Submersible Pump	1:05:00 PM	4	1.4	7	18.49	296	0.13	-58.5	1.91
	1:15:00 PM	8	1.4	6.98	18.57	278	0.11	-53	1.64
Final Field Parameters									
	1:25:00 PM	12	1.4	6.97	18.61	276	0.1	-52.4	1.55

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	1:25:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW20
Project #	8006.31.02	Sampler	AWV
Project Name	Park Laundry - Ridgefield	Sampling Date	9/27/2013
Sampling Event	September 2013	Sample Name	MW20-092713
Sub Area		Sample Depth	9.67
FSDS QA:	SVH, 10/1/2013	Eastings	Northings
			TOC

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/24/2013	10:46	9.67		5.45		4.22	0.69

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	2:50:00 PM	0.7	0.12	5.79	19.78	311	0.45	5.1	271.6

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Light yellowish tint.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	7:45:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Well purged dry. Sampled next day, 9/27/13 at 07:45.

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW21
Project #	8006.31.02	Sampler	AWV
Project Name	Park Laundry - Ridgefield	Sampling Date	9/27/2013
Sampling Event	September 2013	Sample Name	MW21-092713
Sub Area		Sample Depth	13.1
FSDS QA:	SVH, 10/1/2013	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/24/2013	10:08	13.1		5.34		7.76	1.26

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	11:34:00 AM	1.3	0.25	6.28	15.47	184	0.76	4.18	15.78
	11:50:00 AM	2.6	0.25	6.17	15.41	186	0.45	4.7	1.83
Final Field Parameters	12:06:00 PM	3.9	0.25	6.16	15.4	186	0.45	4.9	1.38

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	12:06:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW01
Project #	8006.31.02	Sampler	LC
Project Name	Park Laundry - Ridgefield	Sampling Date	12/23/2013
Sampling Event	December 2013	Sample Name	MW01-122313
Sub Area		Sample Depth	12.95
FSDS QA:	AWV, 12/28/2013	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/20/2013	9:05	12.95		5.19		7.76	1.26

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	8:40:00 AM	1.3	0.2	6.21	12.89	150	1.37	200.4	67.77
	9:00:00 AM	2.6	0.2	6.08	13.11	147	1.37	206.5	2.67
Final Field Parameters									
	9:25:00 AM	3.9	0.2	6.02	13.13	146	1.44	207.1	1.47

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	9:25:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		5

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW02
Project #	8006.31.02	Sampler	LC
Project Name	Park Laundry - Ridgefield	Sampling Date	12/23/2013
Sampling Event	December 2013	Sample Name	MW02-122313
Sub Area		Sample Depth	14.57
FSDS QA:	AWV, 12/28/2013	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/20/2013	9:00	14.57		5.96		8.61	1.4

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	10:00:00 AM	1.5	0.225	6.19	13.11	98	2.39	259.7	8.68
	10:25:00 AM	3	0.225	6.16	13.2	98	2.33	259.9	8.3
Final Field Parameters	10:42:00 PM	4.5	0.225	6.14	13.24	99	2.3	260.5	7.03

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	10:42:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW03		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	12/23/2013		
Sampling Event	December 2013	Sample Name	MW03-122313		
Sub Area		Sample Depth	15.26		
FSDS QA:	AWV, 12/28/2013	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/20/2013	9:15	15.26		6.82		8.44	1.38

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	9:55:00 AM	1.4	0.3	5.99	12.75	232	1.41	144.6	0.78
	10:15:00 AM	2.8	0.3	5.94	12.76	232	1.32	134.2	0.82
	10:35:00 AM	4.2	0.3	5.9	12.68	231	1.18	111.9	0.5
Final Field Parameters									
	10:50:00 AM	5.6	0.3	5.91	12.73	231	1.1	103.4	0.56

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	10:50:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		5

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW04
Project #	8006.31.02	Sampler	SVH
Project Name	Park Laundry - Ridgefield	Sampling Date	12/24/2013
Sampling Event	December 2013	Sample Name	MW04-122413
Sub Area		Sample Depth	16.11
FSDS QA:	AWV, 12/28/2013	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/20/2013	9:40	16.11		6.69		9.42	1.54

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	8:50:00 AM	1.6	0.25	6.47	12.57	190	2.84	172.7	1.71
	9:05:00 AM	3.2	0.3	6.45	13.03	189	2.57	183.7	0.85
Final Field Parameters									
	9:20:00 AM	4.8	0.3	6.41	12.9	188	2.55	189.5	0.88

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	9:20:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		5

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW05
Project #	8006.31.02	Sampler	AWV
Project Name	Park Laundry - Ridgefield	Sampling Date	12/24/2013
Sampling Event	December 2013	Sample Name	MW05-122413-DUP
Sub Area		Sample Depth	17.13
FSDS QA:	AWV, 12/28/2013	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/20/2013	9:25	17.13		8.68		8.45	1.38

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	8:50:00 AM	1.4	0.3	6.21	14.71	207	1.63	143.7	7.72
	9:10:00 AM	2.8	0.3	6.1	14.77	208	1.27	80.9	1.26
Final Field Parameters									
	9:30:00 AM	4.5	0.3	6.11	14.78	209	1.25	76.7	0.95

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	9:30:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		5

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW05
Project #	8006.31.02	Sampler	AWV
Project Name	Park Laundry - Ridgefield	Sampling Date	12/24/2013
Sampling Event	December 2013	Sample Name	MW05-122413
Sub Area		Sample Depth	17.13
FSDS QA:	AWV, 12/28/2013	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/20/2013	9:25	17.13		8.68		8.45	1.38

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	8:50:00 AM	1.4	0.3	6.21	14.71	207	1.63	143.7	7.72
	9:10:00 AM	2.8	0.3	6.1	14.77	208	1.27	80.9	1.26
Final Field Parameters									
	9:30:00 AM	4.5	0.3	6.11	14.78	209	1.25	76.7	0.95

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	9:30:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW06
Project #	8006.31.02	Sampler	SVH
Project Name	Park Laundry - Ridgefield	Sampling Date	12/24/2013
Sampling Event	December 2013	Sample Name	MW06-122413
Sub Area		Sample Depth	16.32
FSDS QA:	AWV, 12/28/2013	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/20/2013	9:20	16.32		9.49		6.83	1.11

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	10:35:00 AM	1.1	0.1	6.4	13.98	213	2.52	183.9	1.06
	11:05:00 AM	2.2	0.1	6.28	13.97	215	1.89	181.9	1.5
	11:55:00 AM	3.3	0.08	6.21	13.28	215	2.07	211.3	1.01
Final Field Parameters	12:00:00 PM	3.5	0.08	6.2	13.14	215	2.12	210.7	0.72

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	12:00:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		5

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW07		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	12/24/2013		
Sampling Event	December 2013	Sample Name	MW07-122413		
Sub Area		Sample Depth	15.62		
FSDS QA:	AWV, 12/28/2013	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/20/2013	10:15	15.62		11.75		3.87	0.63

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	11:35:00 AM	0.75	0.2	5.77	13.05	121	4.76	179.8	14.3
	11:50:00 AM	1.5	0.2	5.78	13.2	119	4.74	176.7	7.94
Final Field Parameters									
	12:05:00 PM	2.25	0.2	5.76	13.19	117	4.7	176.2	4.57

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	12:05:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		5

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW08		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	12/20/2013		
Sampling Event	December 2013	Sample Name	MW08-122013		
Sub Area		Sample Depth	54.98		
FSDS QA:	AWV, 12/28/2013	Eastings		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/20/2013	8:05	54.98		10.35		44.63	7.27

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	2:30:00 PM	7.3	1.5	6.45	12.42	445	1.04	38	3.83
	2:50:00 PM	14.6	1.5	6.37	12.38	431	0.75	21.3	0.52
Final Field Parameters	3:10:00 PM	22.2	1.5	6.34	12.43	425	0.65	15.1	0.18

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	3:10:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW09		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	12/23/2013		
Sampling Event	December 2013	Sample Name	MW09-122313		
Sub Area		Sample Depth	14.61		
FSDS QA:	AWV, 12/28/2013	Eastings		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/20/2013	9:30	14.61		6.51		8.1	1.32

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	11:28:00 AM	1.35	0.26	6.13	13.55	269	1.3	173.8	19.7
	11:44:00 AM	2.7	0.26	6.1	13.56	270	0.49	134	5.08
Final Field Parameters									
	12:00:00 PM	4	0.26	6.1	13.65	270	0.4	126.8	3.66

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	12:00:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		5

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW10
Project #	8006.31.02	Sampler	AWV
Project Name	Park Laundry - Ridgefield	Sampling Date	12/24/2013
Sampling Event	December 2013	Sample Name	MW10-122413
Sub Area		Sample Depth	29.53
FSDS QA:	AWV, 12/28/2013	Eastings	Northings
			TOC

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/20/2013	10:10	29.53		12.73		16.8	2.74

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	1:10:00 PM	2.8	0.3	6.45	12.91	149	0.76	92.2	1.78
	1:45:00 PM	5.6	0.3	6.43	12.92	148	0.97	102.3	1.87
	2:15:00 PM	8.4	0.3	6.42	12.89	147	1.01	119.5	0.47
Final Field Parameters	2:20:00 PM	8.5	0.3	6.42	12.87	146	1.01	121.5	0.58

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	2:20:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW11
Project #	8006.31.02	Sampler	AWV
Project Name	Park Laundry - Ridgefield	Sampling Date	12/24/2013
Sampling Event	December 2013	Sample Name	MW11-122413
Sub Area		Sample Depth	19.54
FSDS QA:	AWV, 12/28/2013	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/20/2013	10:45	19.54		11.4		8.14	1.33

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	1:20:00 PM	1.35	0.2	6.04	12.47	207	4.2	195	16.1
	1:40:00 PM	2.7	0.2	6.03	13.02	208	4.31	185.3	15.5
Final Field Parameters	2:00:00 PM	4	0.2	6.04	13.03	209	4.14	184	14.8

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	2:00:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW13		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	12/24/2013		
Sampling Event	December 2013	Sample Name	MW13-122413		
Sub Area		Sample Depth	19.45		
FSDS QA:	AWV, 12/28/2013	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/20/2013	10:50	19.45		8.18		11.27	1.84

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	2:45:00 PM	1.85	0.3	6.18	14.23	265	3.29	161.8	3.07
	3:05:00 PM	3.7	0.3	6.16	14.16	269	2.96	141.9	1.14
Final Field Parameters	3:25:00 PM	5.55	0.3	6.16	13.99	269	2.84	133.9	1.64

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	3:25:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW14
Project #	8006.31.02	Sampler	LC
Project Name	Park Laundry - Ridgefield	Sampling Date	12/23/2013
Sampling Event	December 2013	Sample Name	MW14-122313
Sub Area		Sample Depth	21.81
FSDS QA:	AWV, 12/28/2013	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/20/2013	9:35	21.81		11.84		9.97	1.63

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	11:35:00 AM	1.7	0.25	6.06	14.61	151	1.06	142.5	0.68
	12:05:00 PM	3.4	0.25	6.01	14.53	163	1.18	153.6	0.82
Final Field Parameters									
	12:30:00 PM	5.1	0.25	6.1	14.59	162	1.21	157.3	1.74

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	12:30:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		5

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW15		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	12/20/2013		
Sampling Event	December 2013	Sample Name	MW15-122013		
Sub Area		Sample Depth	64.95		
FSDS QA:	AWV, 12/28/2013	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/20/2013	8:24	64.95		41.52		23.43	3.82

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(1) Submersible Pump	9:00:00 AM	4	1.2	6.68	13.54	174	2.85	111	4.65
	9:12:00 AM	8	1.2	6.44	13.53	179	2.77	130.8	1.73
Final Field Parameters									
	9:25:00 AM	12	1.2	6.37	13.6	176	2.85	129.1	0.9

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	9:25:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		5

General Sampling Comments

Slightly turbid in sample.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW16		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	12/20/2013		
Sampling Event	December 2013	Sample Name	MW16-122013		
Sub Area		Sample Depth	64.53		
FSDS QA:	AWV, 12/28/2013	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/20/2013	10:50	64.53		40.05		24.48	3.99

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(1) Submersible Pump	11:12:00 AM	4	1.25	6.4	12.94	170	4.36	132	17.9
	11:25:00 AM	8	1.25	6.23	13.16	175	4.29	170.7	1.73
Final Field Parameters	11:40:00 AM	12	1.25	6.2	13.2	177	4.26	175.2	1.27

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	11:40:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		5

General Sampling Comments

Some sediment in bailer.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW17
Project #	8006.31.02	Sampler	LC
Project Name	Park Laundry - Ridgefield	Sampling Date	12/23/2013
Sampling Event	December 2013	Sample Name	MW17-122313
Sub Area		Sample Depth	33.25
FSDS QA:	AWV, 12/28/2013	Eastings	Northings
			TOC

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/20/2013	10:25	33.25		13.1		20.15	3.28

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	2:30:00 PM	3.3	0.6	6.29	13.31	228	0.41	103.6	0.75
	2:50:00 PM	6.6	0.6	6.35	13.3	229	0.19	117.4	0.91
Final Field Parameters									
	3:12:00 PM	9.9	0.6	6.39	13.21	231	0.12	114	0.67

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	3:12:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW18
Project #	8006.31.02	Sampler	AWV
Project Name	Park Laundry - Ridgefield	Sampling Date	12/23/2013
Sampling Event	December 2013	Sample Name	MW18-122313
Sub Area		Sample Depth	43.16
FSDS QA:	AWV, 12/28/2013	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/20/2013	10:35	43.16		37.65		5.51	0.9

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(3) Disposable Bailer									
Final Field Parameters	4:15:00 PM	1.5		6.6	11.44	193	4.18	147.6	33.7

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	3:00:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		5

General Sampling Comments

Well bailed dry at 16:20, 12/20/13. Sampled at 15:00, 12/23/13.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW19
Project #	8006.31.02	Sampler	AWV
Project Name	Park Laundry - Ridgefield	Sampling Date	12/20/2013
Sampling Event	December 2013	Sample Name	MW19-122013
Sub Area		Sample Depth	63
FSDS QA:	AWV, 12/28/2013	Eastings	Northings
			TOC

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/20/2013	10:40	63		37.94		25.06	4.08

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(1) Submersible Pump	1:00:00 PM	4.1	1.2	6.87	17.38	307	0.17	7.5	3.41
	1:15:00 PM	8.2	1.2	6.91	17.7	288	0.13	17	2.72
Final Field Parameters	1:30:00 PM	12.3	1.2	6.89	17.75	284	0.11	18.6	1.34

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	1:30:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW20
Project #	8006.31.02	Sampler	AWV
Project Name	Park Laundry - Ridgefield	Sampling Date	12/24/2013
Sampling Event	December 2013	Sample Name	MW20-122413
Sub Area		Sample Depth	9.67
FSDS QA:	AWV, 12/28/2013	Eastings	Northings
			TOC

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/20/2013	8:20	9.67		6.22		3.45	0.56

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	1:56:00 PM	0.6	0.08	5.38	12.46	281	0.48	156.2	58.8
Final Field Parameters	2:20:00 PM	1	0.08	5.36	12.05	284	3.3	133	45.8

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	10:30:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Well purged dry at 14:30, 12/23/2013. Sampled at 10:30, 12/24/2013.

Signature _____

Maul Foster & Alongi, Inc.

400 E. Mill Plain Blvd, Suite 400, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW21
Project #	8006.31.02	Sampler	AWV
Project Name	Park Laundry - Ridgefield	Sampling Date	12/23/2013
Sampling Event	December 2013	Sample Name	MW21-122313
Sub Area		Sample Depth	13.1
FSDS QA:	AWV, 12/28/2013	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/20/2013	9:10	13.1		5.15		7.95	1.3

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	8:50:00 AM	1.3	0.2	5.97	13.08	225	1.52	155.4	4.01
	9:10:00 AM	2.6	0.2	5.94	13.07	223	1.33	130.3	1.74
Final Field Parameters									
	9:30:00 AM	3.9	0.2	5.93	13.15	223	1.27	125.2	1.29

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	9:30:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

Maul Foster & Alongi, Inc.

400 E. Mill Plain Blvd, Suite 400, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW01
Project #	8006.31.02	Sampler	AWV
Project Name	Park Laundry - Ridgefield	Sampling Date	3/24/2014
Sampling Event	March 2014	Sample Name	MW01-032414
Sub Area		Sample Depth	12.95
FSDS QA:	ENH, 4/1/2014	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/24/2014	11:06	12.95		4.24		8.71	1.42

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	1:40:00 PM	1.5	0.4	5.96	11.97	166	19	-198.4	6.12
	1:51:00 PM	3	0.4	5.77	11.97	161	1.52	-198.2	2.7
Final Field Parameters	2:15:00 PM	4.5	0.4	5.8	12.12	158	1.45	201.6	1.72

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	2:15:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		

General Sampling Comments

EH readings on YSI may not have been working properly.

Signature _____

Maul Foster & Alongi, Inc.

400 E. Mill Plain Blvd, Suite 400, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW02		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/24/2014		
Sampling Event	March 2014	Sample Name	MW02-032414		
Sub Area		Sample Depth	14.57		
FSDS QA:	ENH, 4/1/2014	Eastings		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/24/2014	11:08	14.57		4.18		10.39	1.7

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	2:53:00 PM	1.7	0.28	6.17	12.29	122	4.09	-149.1	8.16
	3:25:00 PM	3.4	0.28	6.16	12.07	123	3.99	-151.6	4.05
Final Field Parameters	4:00:00 PM	5.1	0.28	6.14	12.19	122	3.79	-149.4	2.39

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	4:00:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

EH readings on YSI may not have been working properly.

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW03		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/24/2014		
Sampling Event	March 2014	Sample Name	MW03-032414		
Sub Area		Sample Depth	15.26		
FSDS QA:	ENH, 4/1/2014	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/24/2014	11:15	15.26		4.89		10.37	1.7

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	3:28:00 PM	1.7	0.32	5.97	12.16	224	2.57	124.7	1.67
	3:50:00 PM	3.4	0.32	5.98	12.25	229	1.39	113.6	0.95
Final Field Parameters									
	4:16:00 PM	5.1	0.32	5.87	12.1	230	1.27	103.9	0.67

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	4:16:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		5

General Sampling Comments

EH readings on YSI may not have been working properly.

Signature _____

Maul Foster & Alongi, Inc.

400 E. Mill Plain Blvd, Suite 400, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW04
Project #	8006.31.02	Sampler	AWV
Project Name	Park Laundry - Ridgefield	Sampling Date	3/24/2014
Sampling Event	March 2014	Sample Name	MW04-032414
Sub Area		Sample Depth	16.11
FSDS QA:	ENH, 4/1/2014	Eastings	Northings
			TOC

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/24/2014	11:18	16.11		4.89		11.22	1.83

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	4:35:00 PM	1.85	0.32	6.35	12.84	216	4.03	-163.8	2.5
	4:50:00 PM	3.7	0.32	6.39	13.05	216	3.56	-204.5	1.58
Final Field Parameters	5:20:00 PM	5.6	0.32	6.39	13.05	214	3.41	-201.7	2.19

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	5:20:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

EH readings on YSI may not have been working properly.

Signature _____

Maul Foster & Alongi, Inc.

400 E. Mill Plain Blvd, Suite 400, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW05
Project #	8006.31.02	Sampler	AWV
Project Name	Park Laundry - Ridgefield	Sampling Date	3/24/2014
Sampling Event	March 2014	Sample Name	MW05-032414-DUP
Sub Area		Sample Depth	17.13
FSDS QA:	ENH, 4/1/2014	Eastings	Northings
			TOC

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/24/2014	11:40	17.13		6.85		10.28	1.7

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	4:35:00 PM	1.7	0.3	6.35	12.84	216	4.03	-163.8	5.8
	5:20:00 PM	3.4	0.3	6.11	14.5	210	1.43	67.1	1.75
Final Field Parameters									
	5:45:00 PM	5.1	0.3	6.07	14.64	210	1.42	62	1.36

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	5:45:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

EH readings on YSI may not have been working properly.

Signature _____

Maul Foster & Alongi, Inc.

400 E. Mill Plain Blvd, Suite 400, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW05		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/24/2014		
Sampling Event	March 2014	Sample Name	MW05-032414		
Sub Area		Sample Depth	17.13		
FSDS QA:	ENH, 4/1/2014	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/24/2014	11:40	17.13		6.85		10.28	1.7

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	4:35:00 PM	1.7	0.3	6.35	12.84	216	4.03	-163.8	5.8
	5:20:00 PM	3.4	0.3	6.11	14.5	210	1.43	67.1	1.75
Final Field Parameters									
	5:45:00 PM	5.1	0.3	6.07	14.64	210	1.42	62	1.36

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	5:45:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

EH readings on YSI may not have been working properly.

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW06		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/25/2014		
Sampling Event	March 2014	Sample Name	MW06-032514		
Sub Area		Sample Depth	16.32		
FSDS QA:	ENH, 4/1/2014	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/24/2014	11:43	16.32		7.6		8.72	1.42

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	12:40:00 PM	1.5	0.1	6.2	13.43	245	3.44	100.7	0.81
	1:15:00 PM	3	0.1	6.04	12.57	244	2.59	92.4	0.87
Final Field Parameters									
	1:50:00 PM	3.76	0.1	6.07	12.67	244	2.55	88	0.65

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	1:50:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

EH readings on YSI may not have been working properly.

Signature _____

Maul Foster & Alongi, Inc.

400 E. Mill Plain Blvd, Suite 400, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW07		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/25/2014		
Sampling Event	March 2014	Sample Name	MW07-032514		
Sub Area		Sample Depth	15.62		
FSDS QA:	ENH, 4/1/2014	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/24/2014	13:30	15.62		9.91		5.71	0.93

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	12:30:00 PM	0.9	0.2	5.85	13.24	170	4.77	-184.2	7.27
	12:50:00 PM	2	0.2	5.88	13.45	166	4.64	-171.3	3.25
Final Field Parameters	1:15:00 PM	2.7	0.2	5.82	13.06	165	4.65	-165.4	1.58

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	1:15:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

EH readings on YSI may not have been working properly.

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW08		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/27/2014		
Sampling Event	March 2014	Sample Name	MW08-032714		
Sub Area		Sample Depth	54.98		
FSDS QA:	ENH, 4/1/2014	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/24/2014	14:05	54.98		7.95		47.03	7.66

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	11:00:00 AM	7.7	1.5	6.79	12.65	523	2.01	-366.3	0.5
	11:15:00 AM	15.4	1.5	6.67	12.64	520	1.33	-377.8	0.46
Final Field Parameters									
	11:30:00 AM	23.1	1.5	6.57	12.73	517	1.27	-380.1	1.1

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	11:30:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

EH readings on YSI may not have been working properly.

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW09
Project #	8006.31.02	Sampler	AWV
Project Name	Park Laundry - Ridgefield	Sampling Date	3/27/2014
Sampling Event	March 2014	Sample Name	MW09-032714
Sub Area		Sample Depth	14.61
FSDS QA:	ENH, 4/1/2014	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/24/2014	11:27	14.61		4.53		10.08	1.64

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	2:40:00 PM	2	0.21	6.04	12.6	274	0.33	75.8	12.43
	3:00:00 PM	3.2	0.26	6.02	12.45	272	0.49	46.6	8.88
	3:20:00 PM	4.8	0.26	6.03	12.29	276	0.35	34.2	5.91
Final Field Parameters	3:25:00 PM	5	0.26	6.01	12.32	275	0.35	33.8	

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	3:25:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

EH readings on YSI may not have been working properly.

Signature _____

Maul Foster & Alongi, Inc.

400 E. Mill Plain Blvd, Suite 400, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW10		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/25/2014		
Sampling Event	March 2014	Sample Name	MW10-032514		
Sub Area		Sample Depth	29.53		
FSDS QA:	ENH, 4/1/2014	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/24/2014	13:35	29.53		10.91		18.62	3.04

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	2:00:00 PM	3	0.35	6.51	13.41	167	1.67	-289.7	2.5
	2:25:00 PM	6	0.35	6.51	13.4	165	1.65	-290.3	1.21
Final Field Parameters									
	2:50:00 PM	9	0.35	6.48	13.25	159	1.59	-299.8	0.95

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	2:50:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		

General Sampling Comments

EH readings on YSI may not have been working properly.

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW11		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/27/2014		
Sampling Event	March 2014	Sample Name	MW11-032714		
Sub Area		Sample Depth	19.54		
FSDS QA:	ENH, 4/1/2014	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/24/2014	13:52	19.54		9.68		9.86	1.6

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	5:00:00 PM	1.6	0.2	6.06	13.15	217	4.88	104.8	3.79
	5:20:00 PM	3.2	0.2	6	12.97	221	3.93	107.6	1.54
Final Field Parameters	5:40:00 PM	4.8	0.2	5.88	12.64	221	4.04	112.8	1.32

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	5:40:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

EH readings on YSI may not have been working properly.

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW13
Project #	8006.31.02	Sampler	AWV
Project Name	Park Laundry - Ridgefield	Sampling Date	3/27/2014
Sampling Event	March 2014	Sample Name	MW13-032714
Sub Area		Sample Depth	19.45
FSDS QA:	ENH, 4/1/2014	Eastings	Northings
			TOC

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/24/2014	13:57	19.45		6.58		12.87	2.1

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	4:40:00 PM	2.1	0.3	6.33	14.38	276	3.07	-231.3	1.62
	5:10:00 PM	4.2	0.3	6.16	14.17	277	2.9	-230.9	1.49
Final Field Parameters									
	5:48:00 PM	6.3	0.3	6.2	14.03	276	2.91	-230.6	1.28

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	5:48:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

EH readings on YSI may not have been working properly.

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW14		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/27/2014		
Sampling Event	March 2014	Sample Name	MW14-032714		
Sub Area		Sample Depth	21.81		
FSDS QA:	ENH, 4/1/2014	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/24/2014	11:35	21.81		10.89		10.92	1.8

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	2:30:00 PM	1.8	0.3	6.09	14.16	170	1.33	-286.1	0.64
	2:50:00 PM	3.6	0.3	6.01	14.05	171	1.35	-285	0.58
Final Field Parameters									
	3:10:00 PM	5.4	0.3	6.1	13.97	175	1.32	-279.4	0.71

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	3:10:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

EH readings on YSI may not have been working properly.

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW16		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/25/2014		
Sampling Event	March 2014	Sample Name	MW16-032514		
Sub Area		Sample Depth	64.53		
FSDS QA:	ENH, 4/1/2014	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/24/2014	14:10	64.53		37.72		26.8	4.37

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(1) Submersible Pump	9:02:00 AM	4.4	1.3	6.71	13.36	193	4.58	-194.4	8.56
	9:15:00 AM	8.8	1.3	6.24	13.44	192	4.82	-184.8	2.88
Final Field Parameters	9:25:00 AM	13.2	1.3	6.16	13.44	197	4.84	-193.2	1.71

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly turbid.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	9:25:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

EH readings on YSI may not have been working properly.

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW17		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/27/2014		
Sampling Event	March 2014	Sample Name	MW17-032714		
Sub Area		Sample Depth	33.25		
FSDS QA:	ENH, 4/1/2014	Eastings		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/24/2014	11:00	33.25		11.76		21.49	3.5

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	12:20:00 PM	3.5	0.75	6.8	13.71	267	0.64	-343.1	0.82
	12:45:00 PM	7	0.75	6.63	13.76	270	0.18	-366.2	0.55
Final Field Parameters									
	1:15:00 PM	10.5	0.75	6.6	13.74	270	0.17	-367.1	0.7

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	1:15:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

EH readings on YSI may not have been working properly.

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW18
Project #	8006.31.02	Sampler	AWV
Project Name	Park Laundry - Ridgefield	Sampling Date	3/27/2014
Sampling Event	March 2014	Sample Name	MW18-032714
Sub Area		Sample Depth	43.16
FSDS QA:	ENH, 4/1/2014	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/24/2014	13:40	43.16		37.82		5.34	0.87

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters									

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	12:40:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Well purged dry with bailer and then sampled.

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW19		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/26/2014		
Sampling Event	March 2014	Sample Name	MW19-032614		
Sub Area		Sample Depth	63		
FSDS QA:	ENH, 4/1/2014	Eastings		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/24/2014	13:47	63		35.57		27.43	4.47

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(1) Submersible Pump	9:00:00 AM	4.5	1.3	7.1	17.77	329	0.52	-24.5	4.21
	9:15:00 AM	9	1.3	7.04	17.97	323	0.25	-79.5	2.24
Final Field Parameters	9:25:00 AM	13.5	1.3	6.94	18.06	312	0.21	-83.7	2.78

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	9:25:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

EH readings on YSI may not have been working properly.

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW20
Project #	8006.31.02	Sampler	AWV
Project Name	Park Laundry - Ridgefield	Sampling Date	3/27/2014
Sampling Event	March 2014	Sample Name	MW20-032714
Sub Area		Sample Depth	9.67
FSDS QA:	ENH, 4/1/2014	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/24/2014	11:23	9.67		5.16		4.51	0.74

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	11:25:00 AM	0.7	1.4	5.4	12.59	277	1.15	119.7	62.33

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	1:15:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

One parameter was taken and then well purged dry. Sample was taken later in the day. EH readings on YSI may not have been working properly.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW21		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/24/2014		
Sampling Event	March 2014	Sample Name	MW21-032414		
Sub Area		Sample Depth	13.1		
FSDS QA:	ENH, 4/1/2014	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/24/2014	11:11	13.1		3.55		9.55	1.56

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	2:10:00 PM	1.6	0.32	5.96	12.53	223	2.94	94.3	6.54
	2:25:00 PM	3.2	0.32	5.95	12.4	222	2.8	91.5	3.77
Final Field Parameters									
	2:40:00 PM	4.8	0.32	5.94	12.5	222	2.7	91.7	2.58

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	2:40:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

EH readings on YSI may not have been working properly.

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW15		
Project #	8006.31.02	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/25/2014		
Sampling Event	March 2014	Sample Name	MW15-032514		
Sub Area		Sample Depth	64.95		
FSDS QA:	ENH, 4/1/2014	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/24/2014	14:17	64.95		39.17		25.78	4.2

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(1) Submersible Pump	10:45:00 AM	4.2	1.2	6.32	13.67	182	4.58	-188.7	2.15
	11:00:00 AM	8.4	1.2	6.21	13.81	181	4.64	-190.6	0.78
Final Field Parameters	11:15:00 AM	12.6	1.2	6.2	13.86	181	4.64	-185.6	0.66

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly turbid.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	11:15:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

EH readings on YSI may not have been working properly.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW03		
Project #	8006.31.05	Sampler	SVH/ENH		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/23/2014		
Sampling Event	June 2014	Sample Name	MW03-062314		
Sub Area		Sample Depth	15.26		
FSDS QA:	SVH, 6/27/2014	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/23/2014	11:20	15.26		6.69		8.57	1.4

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	12:30:00 PM	1.4	0.32	5.86	12.88	224	1.32	56.5	0.17
	12:42:00 PM	2.8	0.32	6.07	12.83	223	1.24	49.5	0.02
	12:53:00 PM	4.2	0.29	6.12	12.83	223	1.31	59.2	0.32
Final Field Parameters	1:01:00 PM	5	0.3	6.11	12.75	223	1.28	60.9	0.3

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	1:01:00 PM	VOA-Glass	5	
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		5

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW05		
Project #	8006.31.05	Sampler	SVH/ENH		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/23/2014		
Sampling Event	June 2014	Sample Name	MW05-062314-DUP		
Sub Area		Sample Depth	17.13		
FSDS QA:	SVH, 6/27/2014	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/23/2014	14:47	17.13		8.09		9.04	1.47

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	5:01:00 PM	1.5	0.25	6.32	15.66	208	1.59	114.8	12.58
	5:21:00 PM	3	0.29	6.3	15.47	209	1.57	102.1	5.4
Final Field Parameters	5:38:00 PM	4.5	0.28	6.3	15.46	209	1.52	100.2	0.46

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	5:38:00 PM	VOA-Glass	5	
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW05		
Project #	8006.31.05	Sampler	SVH/ENH		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/23/2014		
Sampling Event	June 2014	Sample Name	MW05-062314		
Sub Area		Sample Depth	17.13		
FSDS QA:	SVH, 6/27/2014	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/23/2014	14:47	17.13		8.09		9.04	1.47

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	5:01:00 PM	1.5	0.25	6.32	15.66	208	1.59	114.8	12.58
	5:21:00 PM	3	0.29	6.3	15.47	209	1.57	102.1	5.4
Final Field Parameters									
	5:38:00 PM	4.5	0.28	6.3	15.46	209	1.52	100.2	0.46

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	5:38:00 PM	VOA-Glass	5	
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW06		
Project #	8006.31.05	Sampler	SVH/ENH		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/23/2014		
Sampling Event	June 2014	Sample Name	MW06-062314		
Sub Area		Sample Depth	16.32		
FSDS QA:	SVH, 6/27/2014	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/23/2014	14:06	16.32		8.64		7.68	1.3

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	3:10:00 PM	1.3	0.1	6.34	16.56	244	2.05	108.3	1.11
	3:40:00 PM	2.6	0.1	6.33	16.3	245	2.29	114.3	0.88
	4:10:00 PM	3.9	0.1	6.37	15.98	246	2.69	119.1	0.84
	4:15:00 PM	4	0.1	6.36	16.15	246	2.97	120.5	0.62
Final Field Parameters	4:20:00 PM	4.1	0.1	6.36	16.22	246	2.98	120.9	0.46

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	4:20:00 PM	VOA-Glass	5	
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		5

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW07		
Project #	8006.31.05	Sampler	SVH/ENH		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/24/2014		
Sampling Event	June 2014	Sample Name	MW07-062414		
Sub Area		Sample Depth	15.62		
FSDS QA:	SVH, 6/27/2014	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/23/2014	14:54	15.62		10		5.62	0.92

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	10:39:00 AM	1	0.22	5.42	14.7	183	5.52	21.1	3.25
	10:56:00 AM	2	0.23	5.42	14.8	181	5.41	18.3	0.37
Final Field Parameters	11:16:00 AM	3	0.22	5.45	14.78	181	5.45	17	0.33

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	11:16:00 AM	VOA-Glass	5	
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW09		
Project #	8006.31.05	Sampler	SVH/ENH		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/25/2014		
Sampling Event	June 2014	Sample Name	MW09-062514		
Sub Area		Sample Depth	15.62		
FSDS QA:	SVH, 6/27/2014	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/23/2014	14:35	14.61		6.07		8.54	1.39

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	9:00:00 AM	1.4	0.3	5.64	13.47	275	0.59	-114.2	10.81
	9:20:00 AM	2.8	0.3	5.72	13.47	285	0.18	-92.4	1.26
	9:38:00 AM	4.2	0.3	5.75	13.35	286	0.14	-131.8	0.19
Final Field Parameters	9:43:00 AM	4.5	0.3	5.86	13.33	287	0.11	-126	0.26

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly turbid.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	9:43:00 AM	VOA-Glass	5	
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW10		
Project #	8006.31.05	Sampler	SVH/ENH		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/24/2014		
Sampling Event	June 2014	Sample Name	MW10-062414		
Sub Area		Sample Depth	29.53		
FSDS QA:	SVH, 6/27/2014	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/23/2014	15:00	29.53		10.96		18.57	3

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	10:53:00 AM	3	0.37	6.59	13.75	174	0.84	-17.7	5.69
	11:27:00 AM	6	0.36	6.51	13.8	172	0.69	-23.5	2.07
	11:53:00 AM	9	0.39	6.56	13.78	170	0.8	-20	1.76
Final Field Parameters	11:58:00 AM	9.5	0.39	6.57	13.81	170	0.79	-20.7	1.8

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	11:58:00 AM	VOA-Glass	5	
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		5

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW11		
Project #	8006.31.05	Sampler	SVH/ENH		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/24/2014		
Sampling Event	June 2014	Sample Name	MW11-062414		
Sub Area		Sample Depth	19.54		
FSDS QA:	SVH, 6/27/2014	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/23/2014	16:05	19.54		10.13		9.41	1.53

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	8:20:00 AM	1.6	0.18	5.4	13.16	219	4.06	20.6	16.35
	8:51:00 AM	3.1	0.18	5.58	13.12	221	3.41	7.4	2.12
Final Field Parameters	9:20:00 AM	4.6	0.17	5.75	13.27	222	3.37	0.6	0.17

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	9:20:00 AM	VOA-Glass	5	
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW13		
Project #	8006.31.05	Sampler	SVH/ENH		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/24/2014		
Sampling Event	June 2014	Sample Name	MW13-062414		
Sub Area		Sample Depth	19.45		
FSDS QA:	SVH, 6/27/2014	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/23/2014	15:58	19.45		7.53		11.92	1.9

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	8:35:00 AM	1.9	0.3	6.28	14.45	274	2.89	166.4	2.09
	8:58:00 AM	3.8	0.29	6.33	14.43	276	2.61	150.5	1.13
	9:18:00 AM	5.7	0.29	6.36	14.51	277	2.35	163.3	1.22
	9:23:00 AM	6.1	0.3	6.35	14.45	277	2.55	141.5	1
Final Field Parameters	9:28:00 AM	6.7	0.3	6.36	14.45	277	2.58	132.7	0.93

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	9:28:00 AM	VOA-Glass	5	
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		5

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW14		
Project #	8006.31.05	Sampler	SVH/ENH		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/25/2014		
Sampling Event	June 2014	Sample Name	MW14-062514		
Sub Area		Sample Depth	21.81		
FSDS QA:	SVH, 6/27/2014	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/23/2014	14:26	21.81		11.87		9.94	1.62

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	10:11:00 AM	1.6	0.28	5.68	14.31	194	0.38	-82.6	28.5
	10:30:00 AM	3.2	0.28	5.7	14.35	206	0.38	-91.4	3.05
	10:51:00 AM	4.8	0.24	5.74	14.34	210	0.36	-119.6	3.83
Final Field Parameters	10:56:00 AM	5.1	0.24	5.75	14.39	211	0.33	-122.7	3.15

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly cloudy.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	10:56:00 AM	VOA-Glass	5	
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		5

General Sampling Comments

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW15		
Project #	8006.31.05	Sampler	SVH/ENH		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/24/2014		
Sampling Event	June 2014	Sample Name	MW15-062414		
Sub Area		Sample Depth	64.95		
FSDS QA:	SVH, 6/27/2014	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/24/2014	15:45	64.95		39.48		25.47	4.15

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(1) Submersible Pump	4:33:00 PM	4.2	1.4	5.86	13.98	180	5.85	-49.1	1.14
	4:43:00 PM	8.4	1.4	5.8	14.05	178	5.81	-27.3	0.66
Final Field Parameters	4:55:00 PM	12.6	1.3	5.94	14	178	5.95	-22.4	0.18

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear. Slight yellowish tint.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	4:55:00 PM	VOA-Glass	5	
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW16		
Project #	8006.31.05	Sampler	SVH/ENH		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/24/2014		
Sampling Event	June 2014	Sample Name	MW16-062414		
Sub Area		Sample Depth	64.53		
FSDS QA:	SVH, 6/27/2014	Eastings		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/23/2014	15:36	64.53		38.05		26.48	4.32

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(1) Submersible Pump	2:35:00 PM	4.4	1.2	5.63	13.56	192	5.48	-21.8	7.54
	2:50:00 PM	8.8	1.2	5.55	13.74	192	5.56	-1.8	0.57
Final Field Parameters	3:00:00 PM	13.2	1.2	5.56	13.72	192	5.93	6.7	0.4

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	3:00:00 PM	VOA-Glass	5	
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW18
Project #	8006.31.05	Sampler	SVH/ENH
Project Name	Park Laundry - Ridgefield	Sampling Date	6/24/2014
Sampling Event	June 2014	Sample Name	MW18-062414
Sub Area		Sample Depth	43.16
FSDS QA:	SVH, 6/27/2014	Eastings	Northings
			TOC

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/23/2014	15:17	43.16		35.74		7.42	1.21

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(3) Disposable Bailer									
Final Field Parameters	11:00:00 AM	1.5							

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	6:00:00 PM	VOA-Glass	5	
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Purged dry at 11:00. Sampled at 18:00.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW21		
Project #	8006.31.05	Sampler	SVH/ENH		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/23/2014		
Sampling Event	June 2014	Sample Name	MW21-062314		
Sub Area		Sample Depth	13.1		
FSDS QA:	SVH, 6/27/2014	Eastings		Northings	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/23/2014	11:00	13.1		4.94		8.16	1.33

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	11:25:00 AM	1.3	0.32	4.86	14.73	206	1.19	134.4	13.53
	11:35:00 AM	2.6	0.32	5.49	14.63	208	1.06	72.3	7.28
	11:45:00 AM	3.9	0.32	5.75	14.71	210	0.91	34.4	6.43
	11:50:00 AM	4.2	0.32	5.84	14.59	210	0.9	25	4.69
Final Field Parameters	11:55:00 AM	4.5	0.32	5.86	14.57	211	0.9	18.1	3.16

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	11:55:00 AM	VOA-Glass	5	
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW01		
Project #	8006.31.05	Sampler	KRT / SVH		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/9/2014		
Sampling Event	September 2014	Sample Name	MW01-090914		
Sub Area		Sample Depth	12.95		
FSDS QA:	AWV, 10/8/2015	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/9/2014	9:27	12.95		6.57		6.38	1.04

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	10:04:00 AM	1.1	0.375	6.02	18.93	299	1.88	167.4	33.3
	10:17:00 AM	2.2	0.375	5.92	18.34	212	1.96	141.7	10.63
	10:29:00 AM	3.3	0.375	5.93	18.35	181	2.13	123.5	4.47
	10:42:00 AM	4.4	0.2	5.92	18.65	172.4	1.76	111.3	3.47
Final Field Parameters	10:55:00 AM	5	0.175	5.92	18.96	167.3	1.92	102.7	7.57

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.
Trace suspended material.
Mild odor.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	10:55:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Used Oakton for E Cond.
YSI used for remaining parameters.

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW02		
Project #	8006.31.05	Sampler	SVH / KRT		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/9/2014		
Sampling Event	September 2014	Sample Name	MW02-090914		
Sub Area		Sample Depth	14.57		
FSDS QA:	AWV, 10/8/2015	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/9/2014	9:30	14.57		7.42		7.15	1.17

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	10:18:00 AM	1.2	0.4	6.19	16.53	160	3.48	120.1	15.6
	10:34:00 AM	2.4	0.4	6.1	16.46	169	2.62	52.8	11.6
	10:51:00 AM	5	0.39	6.02	16.14	165	2.92	57.3	7.16
	11:11:00 AM	6	0.2	6.18	17.09	164	2.7	48.1	8.61
Final Field Parameters	11:16:00 AM	6.2	0.21	6.17	17.19	165	2.67	48.5	6.51

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	11:16:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		5

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW03		
Project #	8006.31.05	Sampler	SVH		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/9/2014		
Sampling Event	September 2014	Sample Name	MW03-090914		
Sub Area		Sample Depth	15.26		
FSDS QA:	AWV, 10/8/2015	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/9/2014	9:33	15.26		8.26		7	1.1

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	11:58:00 AM	1.1	0.35	6.28	13.63	274	2.26	63.6	1.99
	12:07:00 PM	2.2	0.32	6.17	13.56	254	1.93	66	0.77
	12:23:00 PM	3.3	0.32	6.14	13.62	240	1.68	68.3	0.31
Final Field Parameters	12:28:00 PM	3.9		6.13	13.67	237	1.64	68.8	0.26

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	12:28:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW04
Project #	8006.31.05	Sampler	SVH / KRT
Project Name	Park Laundry - Ridgefield	Sampling Date	9/11/2014
Sampling Event	September 2014	Sample Name	MW04-091114
Sub Area		Sample Depth	16.11
FSDS QA:	AWV, 10/8/2015	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/9/2014	12:14	16.11		7.65		8.46	1.4

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	12:50:00 PM	1.4	0.4	6.27	16.23	222	4.11	73.5	0.8
	1:04:00 PM	2.8	0.35	6.27	16.13	224	3.82	73.3	0.36
Final Field Parameters									
	1:21:00 PM	4.2	0.4	6.26	16.09	223	3.66	72.2	0.34

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	1:21:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Used Oakton for E Cond.
YSI used for remaining parameters.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW05		
Project #	8006.31.05	Sampler	SVH / KRT		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/9/2014		
Sampling Event	September 2014	Sample Name	MW05-090914-DUP		
Sub Area		Sample Depth	17.13		
FSDS QA:	AWV, 10/8/2015	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/9/2014	12:11	17.13		9.51		7.62	1.2

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	3:17:00 PM	1.2	0.3	5.69	17.69	288	1.59	50	4.66
	4:12:00 PM	2.4	0.25	5.7	17.6	215	1.55	53.8	1.56
Final Field Parameters									
	4:21:00 PM	3.6	0.28	5.75	17.83	212	1.54	49	0.92

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	4:21:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Used Oakton for E Cond.
YSI used for remaining parameters.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW05		
Project #	8006.31.05	Sampler	SVH / KRT		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/9/2014		
Sampling Event	September 2014	Sample Name	MW05-090914		
Sub Area		Sample Depth	17.13		
FSDS QA:	AWV, 10/8/2015	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/9/2014	12:11	17.13		9.51		7.62	1.2

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	3:47:00 PM	1.2	0.3	5.69	17.69	288	1.59	50	4.66
	4:12:00 PM	2.4	0.25	5.7	17.6	215	1.55	53.8	1.56
Final Field Parameters									
	4:21:00 PM	3.6	0.28	5.75	17.83	212	1.54	49	0.92

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	4:21:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		5

General Sampling Comments

Used Oakton for E Cond.
YSI used for remaining parameters.

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW06
Project #	8006.31.05	Sampler	SVH
Project Name	Park Laundry - Ridgefield	Sampling Date	9/11/2014
Sampling Event	September 2014	Sample Name	MW06-091114
Sub Area		Sample Depth	16.32
FSDS QA:	AWV, 10/8/2015	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/9/2014	12:06	16.32		9.98		6.34	1

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	4:27:00 PM	1	0.1	6.21	18.85	251	1.79	71	2.34
	4:55:00 PM	2	0.1	6.23	18.72	253	1.93	62.1	2.43
	5:23:00 PM	3	0.1	6.24	19.24	252	6.48	64.8	3.12
	5:28:00 PM	3.1	0.05	6.3	19.7	252	6.15	66.6	2.48
Final Field Parameters	5:33:00 PM	3.2	0.05	6.31	19.43	253	6.56	65.6	1.72

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	8:30:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

9/10/2014: Well purged dry at 17:25. Slowed flow rate to 0.05 L/min. Purged totally dry at 17:35.
9/11/2014: Sampled well at 08:30.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW07
Project #	8006.31.05	Sampler	SVH / KRT
Project Name	Park Laundry - Ridgefield	Sampling Date	9/9/2014
Sampling Event	September 2014	Sample Name	MW07-090914
Sub Area		Sample Depth	15.62
FSDS QA:	AWV, 10/8/2015	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/9/2014	12:40	15.62		11.43		4.19	0.68

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	2:01:00 PM	0.7	0.2	4.95	16.82	212	5.02	104.3	6.72
	2:10:00 PM	1.4	0.2	4.86	16.84	199.7	4.92	111.3	3.16
Final Field Parameters									
	2:23:00 PM	2.1	0.2	4.92	16.99	198.3	5.08	109.4	1.22

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	2:23:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Used Oakton for E Cond.
YSI used for remaining parameters.

E Cond reading for 2nd pore volume fluctuating. Recalibrate Oakton. Readings stabilized.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW08		
Project #	8006.31.05	Sampler	SVH / KRT		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/10/2014		
Sampling Event	September 2014	Sample Name	MW08-091014		
Sub Area		Sample Depth	54.98		
FSDS QA:	AWV, 10/8/2015	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/9/2014	14:50	54.98		10.68		44.3	7.2

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	8:25:00 AM	7.2	1.5	5.67	12.82	506	0.72	33.5	0.47
	8:42:00 AM	14.4	1.5	5.75	12.82	499	0.57	40.3	0.39
	9:05:00 AM	21.6	1.5	5.81	12.84	490	0.52	41.3	1.36
	9:10:00 AM	23	1.4	5.82	12.84	487	0.51	42.2	0.94
Final Field Parameters	9:15:00 AM	25	1.4	5.83	12.84	485	0.52	42.5	0.51

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	9:15:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		5

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW09		
Project #	8006.31.05	Sampler	SVH / KRT		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/11/2014		
Sampling Event	September 2014	Sample Name	MW09-091114		
Sub Area		Sample Depth	14.61		
FSDS QA:	AWV, 10/8/2015	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/9/2014	12:28	14.61		7.4		7.21	1.2

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	4:15:00 PM	2	0.3	6.21	15.8	262	0.57	-19.3	4.35
	4:20:00 PM	2.4	0.35	6.17	15.84	251	0.25	-24.4	2.88
	4:29:00 PM	3.6	0.3	6.15	15.82	270	0.15	-30.8	1.23
	4:34:00 PM	4	0.3	6.15	15.73	270	0.16	-36.4	1.35
	4:39:00 PM	4.5	0.3	6.15	15.75	267	0.1	-39	0.98
Final Field Parameters	4:44:00 PM	4.9	0.3	6.15	15.8	267	0.1	-42.6	1.12

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Cloudy and tan initially.
Sample is clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	4:44:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		5

General Sampling Comments

Used Oakton for E Cond.
YSI used for remaining parameters.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW10		
Project #	8006.31.05	Sampler	SVH / KRT		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/9/2014		
Sampling Event	September 2014	Sample Name	MW10-090914		
Sub Area		Sample Depth	29.53		
FSDS QA:	AWV, 10/8/2015	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/9/2014	13:10	29.53		12.2		17.33	2.8

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	2:46:00 PM	2.9	0.25	6.52	14.88	184	0.37	-29.6	0.18
	3:24:00 PM	5.8	0.25	6.54	15.5	182	0.5	-36.6	8.19
	4:19:00 PM	8.7	0.4	6.45	14.08	173	0.72	-29.6	
	4:24:00 PM	9.2	0.3	6.37	14.5	173	0.77	-22.9	7.82
	4:29:00 PM	9.8	0.33	6.43	14.45	177	0.67	-25.7	9.14
Final Field Parameters	4:34:00 PM	10.3	0.37	6.4	14.21	175	0.71	-23.2	9.74

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	4:34:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Internal battery on peristaltic pump failing between 2nd and 3rd pore volumes.
Switch to generator for power source.

Turbidity readings questionable.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW11		
Project #	8006.31.05	Sampler	SVH		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/10/2014		
Sampling Event	September 2014	Sample Name	MW11-091014		
Sub Area		Sample Depth	19.54		
FSDS QA:	AWV, 10/8/2015	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/9/2014	13:02	19.54		10.84		8.7	1.42

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	9:12:00 AM	1.4	0.22	5.96	14.06	227	4.4	92.6	17.05
	9:40:00 AM	2.8	0.2	6.03	14.11	228	3.75	85.3	5.51
	10:07:00 AM	4.2	0.2	6.05	14.15	232	3.52	83.6	2.65
Final Field Parameters	10:12:00 AM	4.8	0.2	6.04	14.16	232	3.41	83.6	5.56

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	10:12:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW13		
Project #	8006.31.05	Sampler	SVH		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/10/2014		
Sampling Event	September 2014	Sample Name	MW13-091014		
Sub Area		Sample Depth	19.45		
FSDS QA:	AWV, 10/8/2015	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/9/2014	12:45	19.45		8.89		10.56	1.7

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	1:30:00 PM	1.7	0.25	6.16	16.63	286	3.34	70.7	3.9
	1:55:00 PM	3.4	0.17	6.23	17.21	289	2.85	59.8	5.58
	2:24:00 PM	5.1	0.35	6.15	16	289	3.33	63.7	2.66
Final Field Parameters	2:29:00 PM	5.6	0.35	6.14	15.98	288	3.38	64	2.24

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	2:29:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Peristaltic pump unable to hold flow rate for long periods of time; thus fluctuation in recorded flow rates.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW14
Project #	8006.31.05	Sampler	SVH / KRT
Project Name	Park Laundry - Ridgefield	Sampling Date	9/11/2014
Sampling Event	September 2014	Sample Name	MW14-091114
Sub Area		Sample Depth	21.81
FSDS QA:	AWV, 10/8/2015	Eastings	<input type="text"/>
		Northing	<input type="text"/>
		TOC	<input type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/9/2014	12:19	21.81		12.94		8.87	1.4

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	2:10:00 PM	1.4	0.19	5.95	16.4	178.2	0.18	63	42
	2:25:00 PM	2.8	0.3	5.91	15.76	179.1	0.26	68.7	78.6
	2:40:00 PM	4.2	0.3	5.91	15.75	181.7	0.1	68	692
	2:45:00 PM	4.5	0.3	5.89	15.76	180.9	0.09	68.2	105
	3:25:00 PM	7	0.28	5.83	15.56	182.7	0.26	78.3	94
	3:30:00 PM	7.3	0.35	5.82	15.52	181.1	0.23	76.3	86.4
Final Field Parameters	3:35:00 PM	7.6	0.3	5.82	15.59	181.5	0.22	74.8	72.4

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Cloudy and tan during purging.
Sample is slightly cloudy with a yellow/tan tint.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	3:35:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Used Oakton for E Cond. YSI used for remaining parameters.
At 14:40: Turbidity units are in AU instead of NTU.
At 14:52: Discovered tubing is not at bottom of well. Replace tubing; inlet at bottom of well.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW15		
Project #	8006.31.05	Sampler	SVH / KRT		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/10/2014		
Sampling Event	September 2014	Sample Name	MW15-091014		
Sub Area		Sample Depth	64.95		
FSDS QA:	AWV, 10/8/2015	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/9/2014	12:56	64.95		41.39		23.56	3.8

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(1) Submersible Pump	3:50:00 PM	3.8	1.4	5.15	14.45	192	7.28	82.1	5.58
	4:08:00 PM	7.6	1.4	5.13	14.42	194	7.15	95.4	3.16
Final Field Parameters	4:20:00 PM	11.4	1.3	5.13	14.37	193	7.11	97.4	1.27

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	4:20:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Generator ran out of gas between 1st and 2nd pore volumes.
Pause purging to refuel.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW16		
Project #	8006.31.05	Sampler	SVH / KRT		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/10/2014		
Sampling Event	September 2014	Sample Name	MW16-091014		
Sub Area		Sample Depth	64.53		
FSDS QA:	AWV, 10/8/2015	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/9/2014	12:51	64.53		39.98		24.55	4

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(1) Submersible Pump	12:49:00 PM	4	1.3	5.97	13.91	201	6.37	43.9	5.01
	1:02:00 PM	8	1.3	5.72	14.08	202	6.56	59.6	2
Final Field Parameters									
	1:16:00 PM	12	1.3	5.68	14.15	204	6.57	64.2	1.08

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	1:16:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Grundfos controller set at 148.70 Hz.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW17		
Project #	8006.31.05	Sampler	SVH / KRT		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/11/2014		
Sampling Event	September 2014	Sample Name	MW17-091114		
Sub Area		Sample Depth	33.25		
FSDS QA:	AWV, 10/8/2015	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/9/2014	13:51	33.25		12.68		20.57	3.4

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	10:20:00 AM	3.4	0.45	6.08	14.37	303	0.18	-45.1	2.63
	10:57:00 AM	6.8	0.35	6.19	14.11	272	0.02	-70.1	0.63
	11:41:00 AM	10.2	0.2	6.33	15.69	275	0.05	-64.1	0.81
	11:46:00 AM	10.5	0.15	6.29	16.36	274	0.04	-72.5	0.74
	11:51:00 AM	10.6	0.15	6.29	16.54	274	0.05	-80.9	0.97
Final Field Parameters	11:56:00 AM	10.7	0.1	6.31	16.59	273	0.05	-86	0.98

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	11:56:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		

General Sampling Comments

Used Oakton for E Cond.
YSI used for remaining parameters.

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW18		
Project #	8006.31.05	Sampler	SVH / KRT		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/10/2014		
Sampling Event	September 2014	Sample Name	MW18-091014		
Sub Area		Sample Depth	43.16		
FSDS QA:	AWV, 10/8/2015	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/9/2014	13:17	43.16		36.47		6.69	1.1

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(3) Disposable Bailer									
Final Field Parameters	5:20:00 PM	1.1		6.38	14.06	235	6.56	47.6	

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	10:50:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

9/9/2014: Purged dry at 17:30 at 1.5 gallons. Purge water is very turbid.
9/10/2014: Sampled at 10:50.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW19		
Project #	8006.31.05	Sampler	SVH / KRT		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/11/2014		
Sampling Event	September 2014	Sample Name	MW19-091114		
Sub Area		Sample Depth	63		
FSDS QA:	AWV, 10/8/2015	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/9/2014	13:24	63		37.82		25.18	4.1

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(1) Submersible Pump	8:24:00 AM	4.1	1.2	6.76	17.54	317	0.43	-115.5	1.12
	8:40:00 AM	8.2	1.2	6.73	18.02	300	0.19	-118	0.65
	8:54:00 AM	12.3	1.2	6.63	18.12	295	0.15	-108.9	0.44
Final Field Parameters	8:59:00 AM	15	1.2	6.61	18.14	292	0.14	-109.7	0.31

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	8:59:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Grundfos controller set at 148.70 Hz.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW20		
Project #	8006.31.05	Sampler	SVH		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/10/2014		
Sampling Event	September 2014	Sample Name	MW20-091014		
Sub Area		Sample Depth	9.67		
FSDS QA:	AWV, 10/8/2015	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/9/2014	12:33	9.67		5.93		3.74	0.6

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	8:30:00 AM	0.6	0.2	5.57	20.37	297	1.01	129	617.1

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly cloudy, yellow tint.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	7:25:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

9/10/2014: Purged dry at 08:30. Unable to get actual flow rate; went dry before parameters were taken. Turbidity measurement from recharge.
9/11/2014: Sampled at 07:25.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW21		
Project #	8006.31.05	Sampler	SVH		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/9/2014		
Sampling Event	September 2014	Sample Name	MW21-090914		
Sub Area		Sample Depth	13.1		
FSDS QA:	AWV, 10/8/2015	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/9/2014	9:36	13.1		6.65		6.45	1.05

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	11:36:00 AM	1.1	0.35	5.15	15.86	350	1.51	104.2	7.27
	11:50:00 AM	2.3	0.35	4.92	16.21	223	1.1	114	3.11
	12:00:00 PM	3.4	0.35	5.08	16.36	221	0.71	101.6	9.12
Final Field Parameters	12:05:00 PM	4.1	0.35	5.13	16.36	216	0.71	97.6	9.28

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	12:05:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Used Oakton for E Cond.
YSI used for remaining parameters.

Turbidity readings questionable.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW01
Project #	8006.31.05	Sampler	KRT
Project Name	Park Laundry - Ridgefield	Sampling Date	12/4/2014
Sampling Event	December 2014	Sample Name	MW01-120414
Sub Area		Sample Depth	11
FSDS QA:	EMC, 1/16/2015	Eastings	Northings
			TOC

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/3/2014	14:34	12.95		4.49		8.46	1.38

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	12:16:00 PM	1.4	0.52	6.63	15.01	148	1.62	123.5	41.88
	12:27:00 PM	2.8	0.45	6.49	15.23	148	1.79	124.3	15.03
Final Field Parameters									
	12:41:00 PM	4.2	0.45	6.54	15.25	148	1.93	126	5.36

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	12:41:00 PM	VOA-Glass	7	No
			Amber Glass		
			White Poly	1	No
			Yellow Poly		
			Green Poly	1	No
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	9	

General Sampling Comments

Green poly is preserved with NaOH and Zinc Acetate.
Oakton using for pH readings.
Ferrous Iron = 0 mg/L.

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW02
Project #	8006.31.05	Sampler	MD
Project Name	Park Laundry - Ridgefield	Sampling Date	12/5/2014
Sampling Event	December 2014	Sample Name	MW02-120514
Sub Area		Sample Depth	12
FSDS QA:	EMC, 1/16/2015	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/3/2014	14:40	14.57		4.86		9.71	1.58

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	10:13:00 AM	1.6	0.6	6.97	14.33	116.4	6.52	71.6	11.9
	10:25:00 AM	3.2	0.6	6.88	14.65	115.2	6.87	95.7	10.64
Final Field Parameters	10:37:00 AM	4.8	0.6	6.75	14.74	113.7	6.73	104.6	6.02

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	11:00:00 AM	VOA-Glass	7	No
			Amber Glass		
			White Poly	1	No
			Yellow Poly		
			Green Poly	1	No
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	9	

General Sampling Comments

Green poly is preserved with NaOH and Zinc Acetate.

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW03		
Project #	8006.31.05	Sampler	KRT		
Project Name	Park Laundry - Ridgefield	Sampling Date	12/4/2014		
Sampling Event	December 2014	Sample Name	MW03-120414		
Sub Area		Sample Depth	13		
FSDS QA:	EMC, 1/16/2015	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/3/2014	14:42	15.26		5.95		9.31	1.52

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	12:12:00 PM	1.6	0.4	5.96	12.84	222	2.36	103.6	2.54
	12:30:00 PM	3.2	0.4	5.85	12.89	223	1.66	113	1.08
Final Field Parameters									
	12:43:00 PM	4.8	0.4	5.81	12.93	223	1.51	115.7	0.59

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	12:43:00 PM	VOA-Glass	7	No
			Amber Glass		
			White Poly	1	No
			Yellow Poly		
			Green Poly	1	No
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	9	

General Sampling Comments

Green poly is preserved with NaOH and Zinc Acetate.
Ferrous Iron = 0 mg/L.

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW04
Project #	8006.31.05	Sampler	KRT
Project Name	Park Laundry - Ridgefield	Sampling Date	12/8/2014
Sampling Event	December 2014	Sample Name	MW04-120814
Sub Area		Sample Depth	14
FSDS QA:	EMC, 1/16/2015	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/3/2014	14:45	16.11		5.74		10.37	1.69

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	8:07:00 AM	1.7	0.45	6.67	14.19	243	5.02	234.7	3.86
	8:23:00 AM	3.4	0.4	6.21	14.27	143.1	4.63	224.6	1.52
	8:39:00 AM	5.1	0.45	6.84	14.47	155.3	4.52	217.7	1.25
Final Field Parameters	8:44:00 AM	6	0.45	6.85	14.52	156.7	4.38	215.6	0.88

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	8:44:00 AM	VOA-Glass	7	No
			Amber Glass		
			White Poly	1	No
			Yellow Poly		
			Green Poly	1	No
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	9	

General Sampling Comments

Green poly is preserved with NaOH and Zinc Acetate.
Oakton used for pH and conductivity readings.
Ferrous Iron = 0 mg/L.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW05
Project #	8006.31.05	Sampler	KRT / MD
Project Name	Park Laundry - Ridgefield	Sampling Date	12/5/2014
Sampling Event	December 2014	Sample Name	MW05-120514-DUP
Sub Area		Sample Depth	15
FSDS QA:	EMC, 1/16/2015	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/3/2014	15:21	17.13		8.19		8.94	1.46

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	11:27:00 AM	1.5	0.6	6.83	16.37	205	2.65	109.1	3.31
	11:40:00 AM	3	0.6	6.78	16.37	208	2.17	108.2	1.62
Final Field Parameters	11:52:00 AM	4.5	0.6	6.81	16.35	207	2	109.7	1.42

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	11:52:00 AM	VOA-Glass	7	No
			Amber Glass		
			White Poly	1	No
			Yellow Poly		
			Green Poly	1	No
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	9	

General Sampling Comments

Green poly is preserved with NaOH and Zinc Acetate.
 Ferrous Iron = 0 mg/L.
 Duplicate sample of MW05-120514.

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW05
Project #	8006.31.05	Sampler	KRT / MD
Project Name	Park Laundry - Ridgefield	Sampling Date	12/5/2014
Sampling Event	December 2014	Sample Name	MW05-120514
Sub Area		Sample Depth	15
FSDS QA:	EMC, 1/16/2015	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/3/2014	15:21	17.13		8.19		8.94	1.46

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	11:27:00 AM	1.5	0.6	6.83	16.37	205	2.65	109.1	3.31
	11:40:00 AM	3	0.6	6.78	16.37	208	2.17	108.2	1.62
Final Field Parameters									
	11:52:00 AM	4.5	0.6	6.81	16.35	207	2	109.7	1.42

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	11:52:00 AM	VOA-Glass	7	No
			Amber Glass		
			White Poly	1	No
			Yellow Poly		
			Green Poly	1	No
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	9	

General Sampling Comments

Green poly is preserved with NaOH and Zinc Acetate.
 Ferrous Iron = 0 mg/L.
 Duplicate sample (MW05-120514-DUP) collected at this location.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW06
Project #	8006.31.05	Sampler	KRT
Project Name	Park Laundry - Ridgefield	Sampling Date	12/5/2014
Sampling Event	December 2014	Sample Name	MW06-120514
Sub Area		Sample Depth	14
FSDS QA:	EMC, 1/16/2015	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/3/2014	14:30	16.32		9.07		7.25	1.18

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	2:52:00 PM	1.2	0.5	6.12	15.75	235	2.21	105.1	5.59
Final Field Parameters	8:34:00 AM			6.15	13.82	236	4.17	110.8	2.58

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	8:25:00 AM	VOA-Glass	7	No
			Amber Glass		
			White Poly	1	No
			Yellow Poly		
			Green Poly	1	No
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	9	

General Sampling Comments

Green poly is preserved with NaOH and Zinc Acetate.
12/4/2014 at 14:59: Purged dry at 1.8 gallons. Let recharge overnight.
Final field parameters collected at the time of sampling.
Ferrous Iron = 0 mg/L.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW07		
Project #	8006.31.05	Sampler	KRT		
Project Name	Park Laundry - Ridgefield	Sampling Date	12/8/2014		
Sampling Event	December 2014	Sample Name	MW07-120814		
Sub Area		Sample Depth	13.5		
FSDS QA:	EMC, 1/16/2015	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/3/2014	14:15	15.62		11.94		3.68	0.6

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	3:37:00 PM	1.2	0.25	6.61	15.64	152.4	5.13	63.3	
	3:53:00 PM	1.8	0.15	6.77	15.45	151.4	7.97	83.8	15.4
Final Field Parameters									
	3:58:00 PM	2.2	0.06	6.86	15.31	150.9	8.37	83.5	5.06

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	3:58:00 PM	VOA-Glass	7	No
			Amber Glass		
			White Poly	1	No
			Yellow Poly		
			Green Poly	1	No
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	9	

General Sampling Comments

Green poly is preserved with NaOH and Zinc Acetate.
Oakton used for pH and conductivity readings.
Ferrous Iron = 0 mg/L.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW08		
Project #	8006.31.05	Sampler	KRT		
Project Name	Park Laundry - Ridgefield	Sampling Date	12/4/2014		
Sampling Event	December 2014	Sample Name	MW08-120414		
Sub Area		Sample Depth	60		
FSDS QA:	EMC, 1/16/2015	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/3/2014	12:35	62.31		17.09		45.22	7.37

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	9:30:00 AM	7.4	1.3	6.73	11.8	524	0.39	96	0.24
	9:50:00 AM	14.8	1.2	6.79	11.91	505	0.39	95.5	0.12
Final Field Parameters	10:20:00 AM	22.2	1.1	6.79	11.79	493	0.4	95.8	0.33

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.
Mild sulfur-like odor.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	10:20:00 AM	VOA-Glass	7	No
			Amber Glass		
			White Poly	1	No
			Yellow Poly		
			Green Poly	1	No
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	9	

General Sampling Comments

Green poly is preserved with NaOH and Zinc Acetate.
Purged using large peristaltic pump.
Oakton used for pH readings.
Ferrous Iron = 0 mg/L.
Monument was raised between the September 2014 and December 2014 events.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW09
Project #	8006.31.05	Sampler	KRT
Project Name	Park Laundry - Ridgefield	Sampling Date	12/8/2014
Sampling Event	December 2014	Sample Name	MW09-120814
Sub Area		Sample Depth	12.5
FSDS QA:	EMC, 1/16/2015	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/3/2014	15:09	14.61		4.71		9.9	1.61

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	9:20:00 AM	4	0.65	6.73	14.69	264	0.68	57.3	3.34
	9:26:00 AM	5.1	0.65	6.74	14.69	257	0.41	54.3	2.78
Final Field Parameters	9:31:00 AM	6.5	0.65	6.73	14.72	259	0.33	48.3	2.38

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	9:31:00 AM	VOA-Glass	7	No
			Amber Glass		
			White Poly	1	No
			Yellow Poly		
			Green Poly	1	No
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	9	

General Sampling Comments

Green poly is preserved with NaOH and Zinc Acetate.
Oakton used for pH and conductivity readings.
Ferrous Iron = 2.5 mg/L.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW10
Project #	8006.31.05	Sampler	KRT
Project Name	Park Laundry - Ridgefield	Sampling Date	12/8/2014
Sampling Event	December 2014	Sample Name	MW10-120814
Sub Area		Sample Depth	27.5
FSDS QA:	EMC, 1/16/2015	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/3/2014	14:20	29.53		12.83		16.7	2.72

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	2:05:00 PM	2.8	0.4	7.47	14.59	211	11.08	-27.1	7.71
	2:37:00 PM	5.6	0.45	7.26	13.54	183.7	0.84	-4.8	4.36
Final Field Parameters									
	3:08:00 PM	8.4	0.33	7.18	13.48	181.2	0.65	2	2.43

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	3:08:00 PM	VOA-Glass	7	No
			Amber Glass		
			White Poly	1	No
			Yellow Poly		
			Green Poly	1	No
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	9	

General Sampling Comments

Green poly is preserved with NaOH and Zinc Acetate.
Air bubbles observed in purge line and flow through cell at the time of the first field parameter.
Oakton used for pH and conductivity readings.
Ferrous Iron = 0.25 mg/L.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW11
Project #	8006.31.05	Sampler	KRT
Project Name	Park Laundry - Ridgefield	Sampling Date	12/9/2014
Sampling Event	December 2014	Sample Name	MW11-120914
Sub Area		Sample Depth	17.5
FSDS QA:	EMC, 1/16/2015	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/3/2014	13:04	19.54		10.91		8.63	1.41

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	12:38:00 PM	1.5	0.55	6.76	14.22	217	5.78	92.3	5.03
	12:52:00 PM	3	0.5	6.74	14.05	226	5.43	92.1	5.26
Final Field Parameters									
	1:06:00 PM	4.5	0.45	6.72	14.05	225	5.43	94	2.73

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	1:06:00 PM	VOA-Glass	7	No
			Amber Glass		
			White Poly	1	No
			Yellow Poly		
			Green Poly	1	No
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	9	

General Sampling Comments

Green poly is preserved with NaOH and Zinc Acetate.
Ferrous Iron = 0 mg/L.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW13
Project #	8006.31.05	Sampler	KRT
Project Name	Park Laundry - Ridgefield	Sampling Date	12/9/2014
Sampling Event	December 2014	Sample Name	MW13-120914
Sub Area		Sample Depth	17.5
FSDS QA:	EMC, 1/16/2015	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/3/2014	13:09	19.45		7.97		11.48	1.87

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	11:15:00 AM	1.9	0.6	6.83	15.38	271	4.27	43.3	1.36
	11:28:00 AM	3.8	0.5	6.82	15.18	275	3.55	51.2	1.41
Final Field Parameters									
	11:44:00 AM	5.7	0.5	6.82	15.13	276	3.39	57.4	1.05

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	11:44:00 AM	VOA-Glass	7	No
			Amber Glass		
			White Poly	1	No
			Yellow Poly		
			Green Poly	1	No
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	9	

General Sampling Comments

Green poly is preserved with NaOH and Zinc Acetate.
Ferrous Iron = 0 mg/L.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW14
Project #	8006.31.05	Sampler	KRT
Project Name	Park Laundry - Ridgefield	Sampling Date	12/8/2014
Sampling Event	December 2014	Sample Name	MW14-120814
Sub Area		Sample Depth	20
FSDS QA:	EMC, 1/16/2015	Easting	<input type="text"/>
		Northing	<input type="text"/>
		TOC	<input type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/3/2014	15:15	21.81		10.81		11	1.79

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	10:54:00 AM	1.8	0.5	6.59	15.83	195	0.57	91.4	736
	11:07:00 AM	3.6	0.5	6.57	15.49	179.7	0.54	98.1	21.8
Final Field Parameters	11:22:00 AM	5.4	0.45	6.58	15.43	183.4	0.34	102.9	5.76

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Cloudy and brown at first.
Clear and colorless at the time of sampling.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	11:22:00 AM	VOA-Glass	7	No
			Amber Glass		
			White Poly	1	No
			Yellow Poly		
			Green Poly	1	No
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	9	

General Sampling Comments

Green poly is preserved with NaOH and Zinc Acetate.
Oakton used for pH and conductivity readings.
For the first parameter, turbidity units are AU; for subsequent parameters, turbidity units are NTU.
Ferrous Iron = 0 mg/L.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW15
Project #	8006.31.05	Sampler	KRT / MD
Project Name	Park Laundry - Ridgefield	Sampling Date	12/3/2014
Sampling Event	December 2014	Sample Name	MW15-120314
Sub Area		Sample Depth	63
FSDS QA:	EMC, 1/16/2015	Eastings	Northings
			TOC

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/3/2014	12:47	64.95		41.19		23.76	3.87

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(1) Submersible Pump	4:11:00 PM	4	1.3	6.11	13.93	177	6.95	123.3	5.8
	4:23:00 PM	8	1.3	6.05	14.08	180	6.9	131.4	2.66
Final Field Parameters	4:36:00 PM	12	1.3	6.02	14.17	180	6.93	136.6	2.1

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and odorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	4:50:00 PM	VOA-Glass	7	No
			Amber Glass		
			White Poly	1	No
			Yellow Poly		
			Green Poly	1	No
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	9	

General Sampling Comments

Green poly is preserved with NaOH and Zinc Acetate.
Grundfos set at 150.4 Hz.
Ferrous Iron = 0 mg/L.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW16		
Project #	8006.31.05	Sampler	KRT / MD		
Project Name	Park Laundry - Ridgefield	Sampling Date	12/3/2014		
Sampling Event	December 2014	Sample Name	MW16-120314		
Sub Area		Sample Depth	63		
FSDS QA:	EMC, 1/16/2015	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/3/2014	12:42	64.53		39.74		24.79	4

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(1) Submersible Pump	2:17:00 PM	4	1.2	5.41	13.93	198	7.32	167.7	37.3
	2:29:00 PM	8	1.2	5.67	14.01	197	7.04	153.6	12.1
Final Field Parameters									
	2:43:00 PM	12	1.2	5.73	14.05	193	6.93	149.7	3.46

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and odorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	3:00:00 PM	VOA-Glass	7	No
			Amber Glass		
			White Poly	1	No
			Yellow Poly		
			Green Poly	1	No
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	9	

General Sampling Comments

Green poly is preserved with NaOH and Zinc Acetate.
Grundfos controller set at 148.8 Hz.
Ferrous Iron = 0 mg/L.

Signature _____

Maul Foster & Alongi, Inc.

400 E. Mill Plain Blvd, Suite 400, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW17		
Project #	8006.31.05	Sampler	KRT		
Project Name	Park Laundry - Ridgefield	Sampling Date	12/9/2014		
Sampling Event	December 2014	Sample Name	MW17-120914		
Sub Area		Sample Depth	31		
FSDS QA:	EMC, 1/16/2015	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/3/2014	14:24	33.25		13.35		19.9	3.24

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	8:50:00 AM	3.3	0.45	7.06	13.37	270	0.16	89.4	3.17
	9:20:00 AM	6.6	0.4	7.07	13.27	271	0.1	24.6	1.33
	10:05:00 AM	9.9	0.25	7.09	13.09	273	0.11	-5.4	1.37
Final Field Parameters	10:10:00 AM	10	0.25	7.11	13.14	271	0.09	-6.3	1.36

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	10:10:00 AM	VOA-Glass	7	No
			Amber Glass		
			White Poly	1	No
			Yellow Poly		
			Green Poly	1	No
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	9	

General Sampling Comments

Green poly is preserved with NaOH and Zinc Acetate.
Ferrous Iron = 0.25 mg/L.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW18
Project #	8006.31.05	Sampler	KRT
Project Name	Park Laundry - Ridgefield	Sampling Date	12/4/2014
Sampling Event	December 2014	Sample Name	MW18-120414
Sub Area		Sample Depth	41
FSDS QA:	EMC, 1/16/2015	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/3/2014	12:58	43.16		37.43		5.73	0.93

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(3) Disposable Bailer									
Final Field Parameters	3:48:00 PM			5.64	10.42	214	6.08	161	2.87

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	3:35:00 PM	VOA-Glass	7	No
			Amber Glass		
			White Poly	1	No
			Yellow Poly		
			Green Poly	1	No
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	9	

General Sampling Comments

Green poly is preserved with NaOH and Zinc Acetate.
 12/3/2014 at 16:20: Bailed dry at approximately 1.5 gallons. Let recharge overnight.
 Water quality data was collected at the time of sampling.
 Ferrous Iron = 0 mg/L.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW19
Project #	8006.31.05	Sampler	KRT / MD
Project Name	Park Laundry - Ridgefield	Sampling Date	12/5/2014
Sampling Event	December 2014	Sample Name	MW19-120514
Sub Area		Sample Depth	61
FSDS QA:	EMC, 1/16/2015	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/3/2014	12:51	63		37.56		25.44	4.15

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(1) Submersible Pump	8:17:00 AM	4.2	1.7	7.06	17.5	262	0.87	29.6	1.99
	8:29:00 AM	8.4	1.7	7.3	17.57	268	0.25	-20.3	1.34
Final Field Parameters	8:41:00 AM	12.6	1.7	7.27	17.59	268	0.22	-27.8	0.97

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and odorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	9:00:00 AM	VOA-Glass	7	No
			Amber Glass		
			White Poly	1	No
			Yellow Poly		
			Green Poly	1	No
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	9	

General Sampling Comments

Green poly is preserved with NaOH and Zinc Acetate.
Grundfos controller set at 152 Hz.
Oakton used for pH and conductivity readings.
Ferrous Iron = 1.0 mg/L.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW20		
Project #	8006.31.05	Sampler	KRT		
Project Name	Park Laundry - Ridgefield	Sampling Date	12/5/2014		
Sampling Event	December 2014	Sample Name	MW20-120514		
Sub Area		Sample Depth	9.67		
FSDS QA:	EMC, 1/16/2015	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/3/2014	15:27	9.67		5.3		4.37	0.71

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(3) Disposable Bailer									
Final Field Parameters	12:58:00 PM			5.45	14.85	255	3.77	122.3	348.9

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly cloudy, yellowish-tan tint.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	12:45:00 PM	VOA-Glass	7	No
			Amber Glass		
			White Poly	1	No
			Yellow Poly		
			Green Poly	1	No
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	9	

General Sampling Comments

Green poly is preserved with NaOH and Zinc Acetate.
12/4/2014 at 16:10: Bailed dry.
Final parameters collected at the time of sampling.
Ferrous Iron = 0.5 mg/L.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW21
Project #	8006.31.05	Sampler	KRT
Project Name	Park Laundry - Ridgefield	Sampling Date	12/5/2014
Sampling Event	December 2014	Sample Name	MW21-120514
Sub Area		Sample Depth	11
FSDS QA:	EMC, 1/16/2015	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/3/2014	14:38	13.1		4.18		8.92	1.45

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	10:08:00 AM	1.5	0.68	6	14.4	195	2.86	107.6	27.05
	10:16:00 AM	3	0.7	5.93	14.58	196	2.46	104.3	7.3
Final Field Parameters									
	10:24:00 AM	4.5	0.7	5.88	14.63	196	2.31	103.6	6.82

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	10:24:00 AM	VOA-Glass	7	No
			Amber Glass		
			White Poly	1	No
			Yellow Poly		
			Green Poly	1	No
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	9	

General Sampling Comments

Green poly is preserved with NaOH and Zinc Acetate.
Ferrous Iron = 0 mg/L.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW01		
Project #	8006.31.05	Sampler	SVH / JCE		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/4/2015		
Sampling Event	March 2015	Sample Name	MW01-030415		
Sub Area		Sample Depth	12.95		
FSDS QA:	CRW, 3/12/2015	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/3/2015	16:30	12.95		4.42		8.53	1.39

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	8:06:00 AM	1.4	0.55	6.57	11.67	154	1.64	47.3	13.4
	8:20:00 AM	2.8	0.4	6.26	11.82	153	1.41	52.3	6.02
Final Field Parameters									
	8:34:00 AM	4.2	0.35	6.18	11.85	152	1.45	57.8	3.7

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	8:34:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

VANC YSI #1.
PDX turbidity meter #1.

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW02		
Project #	8006.31.05	Sampler	SVH / JCE		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/4/2015		
Sampling Event	March 2015	Sample Name	MW02-030415		
Sub Area		Sample Depth	14.57		
FSDS QA:	CRW, 3/12/2015	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/3/2015	16:38	14.57		4.71		9.86	1.61

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	8:55:00 AM	2	0.6	6.28	11.63	71	6.28	73.2	35.14
	9:01:00 AM	3.2	0.6	6.29	11.7	71	6.36	70.6	35.23
	9:12:00 AM	4.8	0.5	6.26	11.8	76	6.21	70.6	17.73
Final Field Parameters	9:17:00 AM	5.4	0.55	6.25	11.83	78	6.12	72.1	13.44

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	9:17:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

VANC YSI #1.
PDX turbidity meter #3.

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW03		
Project #	8006.31.05	Sampler	SVH / JCE		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/4/2015		
Sampling Event	March 2015	Sample Name	MW03-030415		
Sub Area		Sample Depth	15.26		
FSDS QA:	CRW, 3/12/2015	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/3/2015	16:45	15.26		3.96		11.3	1.84

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	10:21:00 AM	1.8	0.4	6.51	11.69	210	3.87	65.6	18.43
	10:36:00 AM	3.6	0.4	6.14	11.73	210	2.9	84.3	5.95
	10:55:00 AM	5.4	0.4	5.98	11.91	210	2.36	96.6	2.56
Final Field Parameters	11:00:00 AM	5.8	0.4	6	11.9	210	2.34	98.3	1.98

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless. pH was also measured with Oakton; values for each parameter reading were: 6.39, 6.37, 6.35, 6.35.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	11:00:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

PDX YSI #1.
PDX turbidity meter #3.
PDX Oakton #1.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW04
Project #	8006.31.05	Sampler	SVH / JCE
Project Name	Park Laundry - Ridgefield	Sampling Date	3/5/2015
Sampling Event	March 2015	Sample Name	MW04-030515
Sub Area		Sample Depth	16.11
FSDS QA:	CRW, 3/12/2015	Eastings	Northings
			TOC

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/3/2015	17:15	16.11		5.4		10.71	1.75

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	8:11:00 AM	1.75	0.4	6.98	12.12	218	3.28	69.5	2.87
	8:25:00 AM	3.5	0.4	6.73	12.44	210	2.96	65.8	0.94
Final Field Parameters									
	8:42:00 AM	5.25	0.4	6.64	12.53	208	2.87	65.6	0.99

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	8:42:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

VANC YSI #1.
PDX turbidity meter #3.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW05
Project #	8006.31.05	Sampler	SVH / JCE
Project Name	Park Laundry - Ridgefield	Sampling Date	3/5/2015
Sampling Event	March 2015	Sample Name	MW05-030515-DUP
Sub Area		Sample Depth	17.13
FSDS QA:	CRW, 3/12/2015	Eastings	Northings
			TOC

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/3/2015	17:10	17.13		7.27		9.86	1.6

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	8:25:00 AM	1.6	0.4	6.17	13.94	197	1.83	57.5	10.82
	8:35:00 AM	3.2	0.45	6.21	14.02	199	1.84	63.9	3.58
	8:52:00 AM	4.8	0.45	6.24	14.2	200	1.75	71.4	1.63
Final Field Parameters	8:57:00 AM	5.2	0.45	6.24	14.18	201	1.7	74.6	0.96

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless. pH listed in parameters was measured with PDX YSI. pH was also measured with VANC YSI for last two readings; values for these parameter readings were: 6.61 and 6.49.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	8:57:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

PDX YSI #1 used throughout for all parameters.
 PDX turbidity meter #3.
 VANC YSI used in addition for pH on last 2 readings.

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW05
Project #	8006.31.05	Sampler	SVH / JCE
Project Name	Park Laundry - Ridgefield	Sampling Date	3/5/2015
Sampling Event	March 2015	Sample Name	MW05-030515
Sub Area		Sample Depth	17.13
FSDS QA:	CRW, 3/12/2015	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/3/2015	17:10	17.13		7.27		9.86	1.6

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	8:25:00 AM	1.6	0.4	6.17	13.94	197	1.83	57.5	10.82
	8:35:00 AM	3.2	0.45	6.21	14.02	199	1.84	63.9	3.58
	8:52:00 AM	4.8	0.45	6.24	14.2	200	1.75	71.4	1.63
Final Field Parameters	8:57:00 AM	5.2	0.45	6.24	14.18	201	1.7	74.6	0.96

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless. pH listed in parameters was measured with PDX YSI. pH was also measured with VANC YSI for last two readings; values for these parameter readings were: 6.61 and 6.49.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	8:57:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

PDX YSI #1 used throughout for all parameters.
 PDX turbidity meter #3.
 VANC YSI used in addition for pH on last 2 readings.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW06		
Project #	8006.31.05	Sampler	SVH / JCE		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/5/2015		
Sampling Event	March 2015	Sample Name	MW06-030515		
Sub Area		Sample Depth	15.26		
FSDS QA:	CRW, 3/12/2015	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/3/2015	17:21	16.32		8.15		8.17	1.33

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	11:39:00 AM	1.3	0.4	6.48	13.57	237	4.08	100	1.72
Final Field Parameters	11:47:00 AM	2.5	0.4	6.38	14.09	238	3.45	87.3	2.82

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless with very small (<1 mm length) black grains.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	10:20:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Purged dry at 11:47 on 3/4/2015. Sampled at 10:20 on 3/5/2015.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW07		
Project #	8006.31.05	Sampler	SVH / ENH		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/6/2015		
Sampling Event	March 2015	Sample Name	MW07-030615		
Sub Area		Sample Depth	15.62		
FSDS QA:	CRW, 3/12/2015	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/3/2015	17:29	15.62		9.75		5.87	0.96

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	10:33:00 AM	1	0.2	6.1	14	198	3.38	35.3	6.39
	10:53:00 AM	2	0.2	6	14.09	190	3.59	40.5	2.86
Final Field Parameters	11:11:00 AM	3	0.2	5.97	14.05	189	3.69	41.5	1.21

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	11:11:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		5

General Sampling Comments

VANC YSI #1.
PDX turbidity meter #3.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW08
Project #	8006.31.05	Sampler	SVH / JCE
Project Name	Park Laundry - Ridgefield	Sampling Date	3/4/2015
Sampling Event	March 2015	Sample Name	MW08-030415
Sub Area		Sample Depth	62.52
FSDS QA:	CRW, 3/12/2015	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/4/2015	13:32	62.52		16.01		46.51	7.58

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	2:42:00 PM	7.6	1.4	6.41	13.17	491	0.39	47.4	0.59
	3:06:00 PM	15.2	1.4	6.35	13.13	484	0.41	35.4	0.61
	3:28:00 PM	22.5	1.3	6.36	13.15	474	0.41	31.4	0.5
Final Field Parameters	3:33:00 PM	24	1.3	6.34	13.15	473	0.41	32.1	0.52

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless. Sulfur-like odor.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	3:33:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		5

General Sampling Comments

VANC YSI #1.
PDX turbidity meter #3.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW09		
Project #	8006.31.05	Sampler	SVH / JCE		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/5/2015		
Sampling Event	March 2015	Sample Name	MW09-030515		
Sub Area		Sample Depth	14.16		
FSDS QA:	CRW, 3/12/2015	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/3/2015	16:57	14.61		4.94		9.67	1.58

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	11:30:00 AM	1.6	0.65	6.24	12.86	254	0.9	83.4	19.66
	11:40:00 AM	3.2	0.65	6.23	13.1	259	0.34	68.4	3.61
	11:49:00 AM	4.8	0.65	6.22	13.1	260	0.24	61.9	1.4
	11:54:00 AM	5.7	0.65	6.21	13.06	261	0.21	59.1	1.3
	11:59:00 AM	6.6	0.65	6.18	12.99	263	0.13	57.7	1.33
Final Field Parameters	12:04:00 PM	7.5	0.62	6.19	13	263	0.13	54.9	0.9

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Initially very turbid and became clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	12:04:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		

General Sampling Comments

VANC YSI #1.
PDX turbidity meter #3.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW10		
Project #	8006.31.05	Sampler	SVH / ENH		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/6/2015		
Sampling Event	March 2015	Sample Name	MW10-030615		
Sub Area		Sample Depth	29.53		
FSDS QA:	CRW, 3/12/2015	Eastings		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/3/2015	17:33	29.53		10.8		18.73	3.05

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	11:03:00 AM	3.1	0.33	6.34	13.81	173	1.13	-6.3	1.13
	11:37:00 AM	6.2	0.33	6.31	13.84	170	0.74	-3.7	0.63
Final Field Parameters	12:20:00 PM	9.3	0.33	6.33	13.82	169	0.75	0.9	0.68

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless. pH was also measured with Oakton; values for each parameter reading were: 6.61, 6.61, 6.60.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	12:20:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

PDX YSI #1.
PDX turbidity meter #3.
VANC Oakton #1.

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW11		
Project #	8006.31.05	Sampler	SVH / ENH		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/6/2015		
Sampling Event	March 2015	Sample Name	MW11-030615		
Sub Area		Sample Depth	19.54		
FSDS QA:	CRW, 3/12/2015	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/3/2015	18:20	19.54		9.83		9.71	1.58

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	1:24:00 PM	1.6	0.5	6.02	13.13	220	5.75	85.7	20.87
	1:39:00 PM	3.2	0.45	5.95	13.41	221	4.48	93	10.39
Final Field Parameters									
	1:54:00 PM	4.8	0.4	5.95	13.56	222	4.2	96.4	6.31

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless. pH was also measured with Oakton; values for each parameter reading were: 6.22, 6.23, 6.25.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	1:54:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

PDX YSI #1.
PDX turbidity meter #3.
VANC Oakton #1.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW13		
Project #	8006.31.05	Sampler	SVH / ENH		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/6/2015		
Sampling Event	March 2015	Sample Name	MW13-030615		
Sub Area		Sample Depth	19.45		
FSDS QA:	CRW, 3/12/2015	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/3/2015	18:15	19.45		6.94		12.51	2.04

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	1:29:00 PM	2.1	0.5	6.29	14.83	279	2.52	56	3.44
	1:45:00 PM	4.2	0.5	6.3	15.01	279	2.18	51.3	2.99
Final Field Parameters									
	2:03:00 PM	6.8	0.5	6.31	15.14	278	2.05	46.8	0.47

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	2:03:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

VANC YSI #1.
PDX turbidity meter #3.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW14		
Project #	8006.31.05	Sampler	SVH / JCE		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/5/2015		
Sampling Event	March 2015	Sample Name	MW14-030515		
Sub Area		Sample Depth	21.81		
FSDS QA:	CRW, 3/12/2015	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/5/2015	9:52	21.81		11.4		10.41	1.7

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	10:21:00 AM	1.7	0.5	6.21	14.35	194	0.47	91	215.2
	10:34:00 AM	3.4	0.5	6.14	14.5	198	0.32	78	25.76
	10:45:00 AM	5.1	0.5	6.12	14.58	200	0.53	73.8	36.27
	10:50:00 AM	5.8	0.5	6.12	14.63	202	0.53	72	27.71
Final Field Parameters	10:55:00 AM	6.4	0.5	6.12	14.63	202	0.51	70.3	12.06

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Initially very turbid and became clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	10:55:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

VANC YSI #1.
PDX turbidity meter #3.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW15
Project #	8006.31.05	Sampler	SVH / JCE
Project Name	Park Laundry - Ridgefield	Sampling Date	3/5/2015
Sampling Event	March 2015	Sample Name	MW15-030515
Sub Area		Sample Depth	64.95
FSDS QA:	CRW, 3/12/2015	Eastings	Northings
			TOC

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/3/2015	18:05	64.95		39.38		25.57	4.17

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(1) Submersible Pump	4:02:00 PM	4.2	1.1	6.22	14.52	172	4.24	104.3	4.12
	4:15:00 PM	8.4	1.2	6.13	14.46	178	4.26	100.5	1.52
Final Field Parameters	4:17:00 PM	12.6	1.2	6.14	14.48	177	4.32	97.4	1.08

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	4:17:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

VANC YSI #1.
PDX turbidity meter #3.

Signature _____

Maul Foster & Alongi, Inc.

400 E. Mill Plain Blvd, Suite 400, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW16		
Project #	8006.31.05	Sampler	SVH / JCE		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/5/2015		
Sampling Event	March 2015	Sample Name	MW16-030515		
Sub Area		Sample Depth	63.5		
FSDS QA:	CRW, 3/12/2015	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/3/2015	18:09	64.53		37.93		26.6	4.34

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(1) Submersible Pump	2:19:00 PM	4.4	1.3	6.23	14	193	3.8	103.8	31.01
	2:30:00 PM	8.8	1.3	6.05	14.02	188	3.92	97.4	9.36
Final Field Parameters	2:42:00 PM	13.2	1.3	6.01	14.07	193	4.02	95.2	2.09

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Initially slightly turbid.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	2:42:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Purged with Grundfos at 64.0 feet bgs. Sampled at 63.5 feet bgs.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW17		
Project #	8006.31.05	Sampler	SVH / ENH		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/6/2015		
Sampling Event	March 2015	Sample Name	MW17-030615		
Sub Area		Sample Depth	32		
FSDS QA:	CRW, 3/12/2015	Eastings		Northings	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/3/2015	17:42	33.25		11.49		21.76	3.55

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	8:21:00 AM	3.6	0.35	6.54	13.26	264	0.13	39.1	0.77
	8:57:00 AM	6.5	0.35	6.57	13.37	265	0.05	6.1	0.55
	9:07:00 AM	7.2	0.35	6.58	13.4	265	0.03	-2.5	0.45
	9:43:00 AM	10.7	0.35	6.58	13.44	265	0.02	-23.1	0.45
Final Field Parameters	9:48:00 AM	11	0.35	6.58	13.46	265	0	-25.4	0.45

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	9:48:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

VANC YSI #1.
PDX turbidity meter #3.

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW18
Project #	8006.31.05	Sampler	SVH
Project Name	Park Laundry - Ridgefield	Sampling Date	3/5/2015
Sampling Event	March 2015	Sample Name	MW18-030515
Sub Area		Sample Depth	43.16
FSDS QA:	CRW, 3/12/2015	Eastings	Northings
			TOC

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/3/2015	17:49	43.16		37.21		5.95	0.97

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(3) Disposable Bailer									
Final Field Parameters	3:28:00 PM	1							

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	11:30:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Purged dry with bailer on 3/4/2015 at 15:28. Sampled with bailer on 3/5/2015 at 11:30.

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW19		
Project #	8006.31.05	Sampler	SVH / ENH		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/6/2015		
Sampling Event	March 2015	Sample Name	MW19-030615		
Sub Area		Sample Depth	63		
FSDS QA:	CRW, 3/12/2015	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/3/2015	17:56	63		35.76		27.24	4.44

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(1) Submersible Pump	3:27:00 PM	4.5	1.7	6.87	17.82	267	0.39	65.7	3.39
	3:38:00 PM	9	1.7	6.87	17.9	277	0.07	41.8	2.28
	3:48:00 PM	13.5	1.7	6.81	17.93	272	0.05	18	1.68
Final Field Parameters	3:53:00 PM	15.5	1.7	6.78	17.91	269	0.05	10.4	0.82

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Colorless. Slight turbidity.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	3:53:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

VANC YSI #1.
PDX turbidity meter #3.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW20
Project #	8006.31.05	Sampler	SVH
Project Name	Park Laundry - Ridgefield	Sampling Date	3/6/2015
Sampling Event	March 2015	Sample Name	MW20-030615
Sub Area		Sample Depth	9.67
FSDS QA:	CRW, 3/12/2015	Easting	
		Northing	
		TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/3/2015	17:05	9.67		5.23		4.44	0.72

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	2:53:00 PM	0.7	0.5	5.62	12.99	272	1.85	112.4	

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Turbid. Slight yellow-brown tint. pH was also measured with Oakton; value was 5.73.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	8:15:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Well dry at 14:54 on 3/4/2015. No turbidity measurement taken. Let well recharge overnight. Purged dry at 11:00 on 3/5/2015. Sampled at 08:15 on 3/6/2015 with bailer.
PDX YSI #1.
PDX Oakton #1.

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW21		
Project #	8006.31.05	Sampler	SVH / JCE		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/4/2015		
Sampling Event	March 2015	Sample Name	MW21-030415		
Sub Area		Sample Depth	13.1		
FSDS QA:	CRW, 3/12/2015	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/3/2015	16:49	13.1		5.54		7.56	1.23

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	10:09:00 AM	1.2	0.6	6.28	12.24	186	1.2	102	0.42
	10:16:00 AM	2.4	0.65	6.13	12.19	186	0.77	91.5	1.13
	10:24:00 AM	3.6	0.65	6.11	12.3	187	0.66	84.3	1.23
Final Field Parameters	10:29:00 AM	4.3	0.65	6.11	12.34	187	0.61	83.8	1.08

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	10:29:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW03		
Project #	8006.31.05	Sampler	SVH		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/9/2015		
Sampling Event	June 2015	Sample Name	MW03-060915		
Sub Area		Sample Depth	15.26		
FSDS QA:	ENH, 6/18/15	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/9/2015	8:03	15.26		6.9		8.36	1.36

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	8:32:00 AM	1.4	0.4	5.21	13.07	340	0.67	58.6	4.4
	8:45:00 AM	2.8	0.45	5.13	13.11	289	0.97	72.3	2.31
	9:01:00 AM	4.2	0.4	5.23	13.15	260	1.27	76.3	1.19
Final Field Parameters	9:06:00 AM	5	0.4	5.26	13.19	258	1.34	76.5	1.12

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	9:06:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW05
Project #	8006.31.05	Sampler	SVH
Project Name	Park Laundry - Ridgefield	Sampling Date	6/11/2015
Sampling Event	June 2015	Sample Name	MW05-061115-DUP
Sub Area		Sample Depth	17.13
FSDS QA:	ENH, 6/18/15	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/9/2015	9:45	17.13		8.45		8.68	1.41

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	8:10:00 AM	1.5	0.5	5.65	15.09	211	1.97	137.3	3.09
	8:20:00 AM	2.9	0.48	5.61	15.06	214	1.92	127.3	1.28
	8:33:00 AM	4.4	0.5	5.66	15.05	215	1.87	122.9	0.62
Final Field Parameters	8:38:00 AM	5	0.5	5.65	15.05	215	1.86	122.9	0.62

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	8:38:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

VANC small peristaltic pump #1, VANC YSI #1, VANC turbidity meter #2. Last reading taken as verification of stability, ORP appeared to be continuing to drop.
Duplicate sample of MW05-061115.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW05
Project #	8006.31.05	Sampler	SVH
Project Name	Park Laundry - Ridgefield	Sampling Date	6/11/2015
Sampling Event	June 2015	Sample Name	MW05-061115
Sub Area		Sample Depth	17.13
FSDS QA:	ENH, 6/18/15	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/9/2015	9:45	17.13		8.45		8.68	1.41

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	8:10:00 AM	1.5	0.5	5.65	15.09	211	1.97	137.3	3.09
	8:20:00 AM	2.9	0.48	5.61	15.06	214	1.92	127.3	1.28
	8:33:00 AM	4.4	0.5	5.66	15.05	215	1.87	122.9	0.62
Final Field Parameters	8:38:00 AM	5	0.5	5.65	15.05	215	1.86	122.9	0.62

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	8:38:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		5

General Sampling Comments

VANC small peristaltic pump #1, VANC YSI #1, VANC turbidity meter #2. Last reading taken as verification of stability, ORP appeared to be continuing to drop.

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW06
Project #	8006.31.05	Sampler	SVH
Project Name	Park Laundry - Ridgefield	Sampling Date	6/10/2015
Sampling Event	June 2015	Sample Name	MW06-061015
Sub Area		Sample Depth	16.32
FSDS QA:	ENH, 6/18/15	Eastings	Northings
			TOC

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/9/2015	8:41	16.32		9.15		7.17	1.17

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	7:50:00 AM	1.2	0.3	5.52	14.9	248	3.38	194.8	3.07
Final Field Parameters	8:00:00 AM	2	0.1	5.64	14.95	249	5.8	192.4	3.11

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	3:10:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Began purging at 07:33 on 6/10/2015. Purged dry at 08:00. Sampled at 15:10 on 6/10/2015.
PDX YSI #1, PDX sm peristaltic pump #1, PDX turbidity meter #1.

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW07
Project #	8006.31.05	Sampler	SVH
Project Name	Park Laundry - Ridgefield	Sampling Date	6/10/2015
Sampling Event	June 2015	Sample Name	MW07-061015
Sub Area		Sample Depth	15.62
FSDS QA:	ENH, 6/18/15	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/9/2015	8:44	15.62		10.59		5.03	0.82

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	8:40:00 AM	0.8	0.2	5.99	15.81	226	4.88	171.1	2.23
	8:55:00 AM	1.6	0.2	5.96	15.87	226	4.8	184.1	0.51
	9:10:00 AM	2.4	0.2	5.95	15.83	225	4.8	195.9	0.24
	9:15:00 AM	2.8	0.2	5.92	15.77	224	4.74	200.9	0.42
Final Field Parameters	9:20:00 AM	3.2	0.2	5.93	15.91	224	4.75	202.9	0.15

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	9:20:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Start purging at approximately 08:25.
PDX YSI #1, PDX sm peristaltic pump #1, PDX turbidity meter #1.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW09
Project #	8006.31.05	Sampler	SVH
Project Name	Park Laundry - Ridgefield	Sampling Date	6/11/2015
Sampling Event	June 2015	Sample Name	MW09-061115
Sub Area		Sample Depth	15.62
FSDS QA:	SVH, 07/02/15	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/9/2015	9:54	14.61		6.2		8.41	1.37

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	9:45:00 AM	1.4	0.5	5.82	13.53	263	1.11	87.2	5.41
	9:55:00 AM	2.8	0.5	5.96	13.49	272	0.69	70.4	1.16
	10:05:00 AM	4.2	0.5	6.05	13.48	276	0.44	65.3	0.47
	10:10:00 AM	4.8	0.45	6.12	13.5	276	0.35	59.1	0.46
	10:15:00 AM	5.3	0.45	6.12	13.78	280	0.27	55	0.47
	10:20:00 AM	5.5	0.45	6.25	13.82	278	0.22	42.3	0.22
Final Field Parameters	10:25:00 AM	6	0.44	6.21	13.75	284	0.18	44.5	0.23

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	10:25:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Began purging at 09:32.
PDX YSI #1, PDX sm peristaltic pump #1, PDX turbidity meter #1.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW10		
Project #	8006.31.05	Sampler	SVH		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/10/2015		
Sampling Event	June 2015	Sample Name	MW10-061015		
Sub Area		Sample Depth	29.53		
FSDS QA:	SVH, 07/02/15	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/9/2015	8:47	29.53		11.49		18.04	2.94

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	9:22:00 AM	3	0.32	5.27	14.01	182	1.24	85.5	0.48
	9:55:00 AM	6	0.3	5.68	14.15	180	0.91	58.6	0.36
	10:36:00 AM	9	0.3	5.98	14.05	179	0.95	40.5	0.36
Final Field Parameters	10:41:00 AM	9.4	0.38	6.02	14.03	179	1.01	39.5	0.36

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Colorless with very slight turbidity; generally clear.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	10:41:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Began purging at 08:40.
VANC small peristaltic pump #1, VANC YSI #1, VANC turbidity meter #2.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW11		
Project #	8006.31.05	Sampler	SVH		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/10/2015		
Sampling Event	June 2015	Sample Name	MW11-061015		
Sub Area		Sample Depth	19.54		
FSDS QA:	SVH, 07/02/15	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/9/2015	9:40	19.54		10.32		9.22	1.5

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	12:06:00 PM	1.5	0.36	6.78	13.8	229	4.44	185.5	7.32
	12:24:00 PM	3	0.38	6.75	13.95	231	3.84	178.9	2.04
	12:42:00 PM	4.5	0.38	6.52	13.95	231	3.75	179.4	1.96
	12:47:00 PM	4.8	0.38	6.41	13.91	231	3.79	179.5	1.47
Final Field Parameters	12:52:00 PM	5.1	0.38	6.32	13.87	231	3.8	181.9	1.51

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	12:52:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		5

General Sampling Comments

PDX YSI #1, PDX sm peristaltic pump #1, PDX turbidity meter #1.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW13		
Project #	8006.31.05	Sampler	SVH		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/10/2015		
Sampling Event	June 2015	Sample Name	MW13-061015		
Sub Area		Sample Depth	19.45		
FSDS QA:	SVH, 07/02/15	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/9/2015	9:36	19.45		7.75		11.7	1.91

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	12:18:00 PM	2	0.4	5.93	15.24	295	3.33	85.6	1.1
	12:38:00 PM	4	0.46	6.04	15.11	293	3.14	84	0.7
	12:58:00 PM	6	0.4	6.05	15.18	291	2.83	74.7	0.53
	1:03:00 PM	6.25	0.4	6.06	15.18	291	2.76	70.6	1.46
Final Field Parameters	1:08:00 PM	6.5	0.4	6.08	15.2	291	2.8	72.7	1.86

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	1:08:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

VANC YSI #1, VANC sm peristaltic pump #1, VANC turbidity meter #2.

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW14		
Project #	8006.31.05	Sampler	SVH		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/11/2015		
Sampling Event	June 2015	Sample Name	MW14-061115		
Sub Area		Sample Depth	21.81		
FSDS QA:	SVH, 07/02/15	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/9/2015	9:50	21.81		11.89		9.92	1.62

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	9:34:00 AM	1.8	0.45	5.31	14.31	194	0.62	148.1	65.4
	9:48:00 AM	3.2	0.4	5.47	14.31	202	0.49	131.7	19.9
	10:04:00 AM	4.8	0.4	5.55	14.31	206	0.36	125.7	10.5
Final Field Parameters	10:09:00 AM	5.4	0.4	5.56	14.32	208	0.36	124	6.93

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	10:09:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Began purging at 09:21.
VANC YSI #1, VANC sm peristaltic pump #1, VANC turbidity meter #2.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW15		
Project #	8006.31.05	Sampler	SVH		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/9/2015		
Sampling Event	June 2015	Sample Name	MW15-060915		
Sub Area		Sample Depth	64.95		
FSDS QA:	SVH, 07/02/15	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/9/2015	9:15	64.95		40.53		24.42	3.98

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(1) Submersible Pump	1:59:00 PM	4	1.1	5.36	15.07	190	6.54	112.1	2.21
	2:13:00 PM	8	1.1	5.48	14.99	189	6.34	102.9	3.29
Final Field Parameters	2:25:00 PM	12	1.2	5.5	14.91	189	6.33	101.2	4.54

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	2:25:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Began purging at 13:48. Purge depth is 60 feet.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW16
Project #	8006.31.05	Sampler	SVH
Project Name	Park Laundry - Ridgefield	Sampling Date	6/9/2015
Sampling Event	June 2015	Sample Name	MW16-060915
Sub Area		Sample Depth	64.53
FSDS QA:	SVH, 07/02/15	Easting	
		Northing	
		TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/9/2015	9:19	64.53		39.11		25.42	4.14

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(1) Submersible Pump	11:25:00 AM	4.2	1.1	5.77	14.88	213	4.59	94.5	14.9
	11:40:00 AM	8.4	1.1	5.76	15.01	207	4.96	94.7	3.89
Final Field Parameters	11:56:00 AM	12.6	1.1	5.73	15	208	5.15	96	1.95

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear, slight yellow tint. Slightly turbid.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	11:56:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Began purging at 11:10.
VANC YSI #1, VANC turbidity meter #2.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW18		
Project #	8006.31.05	Sampler	SVH		
Project Name	Park Laundry - Ridgefield	Sampling Date	6/10/2015		
Sampling Event	June 2015	Sample Name	MW18-061015		
Sub Area		Sample Depth	43.16		
FSDS QA:	SVH, 07/02/15	Eastings		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/9/2015	8:58	43.16		35.78		7.38	1.2

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(3) Disposable Bailer									
Final Field Parameters	3:35:00 PM	1.5							

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	2:12:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Purged dry at 15:30 on 6/9/2015. Sampled on 6/10/2015 at 14:12.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW21
Project #	8006.31.05	Sampler	SVH
Project Name	Park Laundry - Ridgefield	Sampling Date	6/9/2015
Sampling Event	June 2015	Sample Name	MW21-060915
Sub Area		Sample Depth	13.1
FSDS QA:	SVH, 07/02/15	Eastings	Northings
			TOC

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
6/9/2015	7:30	13.1		4.95		8.15	1.33

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	7:57:00 AM	1.3	0.58	5.02	14.09	181	0.97	183.6	4.48
	8:06:00 AM	2.7	0.58	5.77	14.16	182	0.6	150	3.23
	8:17:00 AM	4	0.58	5.98	14.04	183	0.38	136.7	2.54
Final Field Parameters	8:22:00 AM	4.7	0.58	6.05	14.12	183	0.33	134.1	2.03

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	8:22:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW01		
Project #	8006.31.05	Sampler	KRT		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/16/2015		
Sampling Event	September 2015	Sample Name	MW01-091615		
Sub Area	MW	Sample Depth	12		
FSDS QA:	BTF 10/20/2015	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/14/2015	8:57	12.95		7.65		5.3	0.86

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	11:00:00 AM	1	0.6	6.38	19.36	151	1.64	115.3	68.98
	11:10:00 AM	2	0.25	6.46	18.53	152	4.7	107.1	16.15
	11:35:00 AM	4	0.25	6.43	18.73	154	4.36	101.3	3.2
Final Field Parameters	11:40:00 AM	4.3	0.25	6.45	18.84	154	4.41	100.1	2.71

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	11:40:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

PDX P-PUMP SM #1 powered by V2 van inverter.
 PDX Oakton #4 for pH.
 PDX Turb #3 for turbidity.
 PDX YSI #1 for all other parameters.
 Air bubbles observed in flow-thru cell during the final three parameters may have influenced DO readings.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW02		
Project #	8006.31.05	Sampler	KRT		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/16/2015		
Sampling Event	September 2015	Sample Name	MW02-091615		
Sub Area	MW	Sample Depth	13.5		
FSDS QA:	BTF 10/20/2015	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/14/2015	8:51	14.57		7.99		6.58	1.07

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	12:03:00 PM	1.1	0.6	6.62	17.13	144	3.27	90.9	57.88
	12:13:00 PM	2.2	0.55	6.37	16.6	174	2.31	90.5	71.47
	12:23:00 PM	3.3	0.5	6.39	16.98	160	2.46	90.4	6.87
Final Field Parameters	12:28:00 PM	4	0.5	6.38	16.9	160	2.45	90.1	3.97

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	12:28:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

PDX P-PUMP SM #2 powered by its own internal battery.
 PDX Oakton #4 for pH.
 PDX Turb #3 for turbidity.
 PDX YSI #1 for all other parameters.
 Air bubbles observed in flow-thru cell during the final three parameters may have influenced DO readings.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW03		
Project #	8006.31.05	Sampler	KRT		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/16/2015		
Sampling Event	September 2015	Sample Name	MW03-091615		
Sub Area	MW	Sample Depth	14		
FSDS QA:	BTF 10/20/2015	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/14/2015	8:46	15.26		8.79		6.47	1.05

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	1:45:00 PM	1.5	0.65	6.55	14.23	215	0.97	63.7	7
	1:58:00 PM	2.2	0.65	6.48	14.13	213	1.1	56.1	2.99
	2:05:00 PM	3.3	0.65	6.47	14.17	212	1.23	55.3	3.26
Final Field Parameters	2:10:00 PM	4	0.65	6.46	14.14	212	1.33	57	1.21

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	2:10:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

PDX P-PUMP SM #1 powered by its own internal battery.
PDX Oakton #4 for pH.
PDX Turb #3 for turbidity.
PDX YSI #1 for all other parameters.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW04		
Project #	8006.31.05	Sampler	KRT		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/14/2015		
Sampling Event	September 2015	Sample Name	MW04-091415		
Sub Area	MW	Sample Depth	15		
FSDS QA:	BTF 10/20/2015	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/14/2015	9:07	16.11		8.24		7.87	1.28

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	6:35:00 PM	1.3	0.6	6.86	16.17	202	4.64	33.6	36.4
	6:45:00 PM	2.6	0.52	6.78	15.93	199	3.76	41.2	8.84
Final Field Parameters									
	6:55:00 PM	3.9	0.48	6.78	15.88	199	3.61	47.3	1.08

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	6:55:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

PDX P-PUMP SM #1 powered by its own internal battery.
PDX Turb #3 for turbidity.
PDX YSI #1 for all other parameters.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW05		
Project #	8006.31.05	Sampler	KRT		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/16/2015		
Sampling Event	September 2015	Sample Name	MW05-091615		
Sub Area	MW	Sample Depth	16		
FSDS QA:	BTF 10/20/2015	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/14/2015	9:11	17.13		10.13		7	1.14

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	3:53:00 PM	1.2	0.3	6.49	17.92	207	1.95	104.4	3.36
	4:07:00 PM	2.4	0.3	6.48	17.91	207	1.55	102.2	1.1
	4:22:00 PM	3.6	0.3	6.48	17.73	208	1.43	103.3	1.03
Final Field Parameters	4:27:00 PM	4	0.3	6.49	17.73	208	1.39	105	0.59

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	4:27:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Duplicate sample (MW05-091615-DUP) collected at this location.
 PDX P-PUMP SM #2 powered by its own internal battery.
 PDX Oakton #4 for pH.
 PDX Turb #3 for turbidity.
 PDX YSI #1 for all other parameters.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW05		
Project #	8006.31.05	Sampler	KRT		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/16/2015		
Sampling Event	September 2015	Sample Name	MW05-091615-DUP		
Sub Area	MW	Sample Depth	16		
FSDS QA:	BTF 10/20/2015	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/14/2015	9:11	17.13		10.13		7	1.14

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	3:53:00 PM	1.2	0.3	6.49	17.92	207	1.95	104.4	3.36
	4:07:00 PM	2.4	0.3	6.48	17.91	207	1.55	102.2	1.1
	4:22:00 PM	3.6	0.3	6.48	17.73	208	1.43	103.3	1.03
Final Field Parameters	4:27:00 PM	4	0.3	6.49	17.73	208	1.39	105	0.59

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	4:27:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		

General Sampling Comments

Duplicate sample of MW05-091615.
 PDX P-PUMP SM #2 powered by its own internal battery.
 PDX Oakton #4 for pH.
 PDX Turb #3 for turbidity.
 PDX YSI #1 for all other parameters.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW06		
Project #	8006.31.05	Sampler	KRT		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/16/2015		
Sampling Event	September 2015	Sample Name	MW06-091615		
Sub Area	MW	Sample Depth	15		
FSDS QA:	BTF 10/20/2015	Easting	<input style="width: 50px;" type="text"/>	Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>		

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/14/2015	9:26	16.32		10.42		5.9	0.96

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(3) Disposable Bailer									
Final Field Parameters	9:10:00 AM			6.49	16.08	231	4.73	104.4	3.58

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	8:50:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

9/15/15 at 16:41: Bailed dry at 1.5 gallons. 9/16/15 at 08:03: DTW = 11.56.
 Water quality parameters collected following sampling using YSI calibration cup.
 PDX Oakton #4 for pH.
 PDX Turb #3 for turbidity.
 PDX YSI #1 for all other parameters.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW07		
Project #	8006.31.05	Sampler	KRT		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/16/2015		
Sampling Event	September 2015	Sample Name	MW07-091615		
Sub Area	MW	Sample Depth	15		
FSDS QA:	BTF 10/20/2015	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/14/2015	9:30	15.62		12.26		3.36	0.55

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	5:25:00 PM	0.6	0.15	6.21	17.13	186	3.54	143.1	71.22
	5:45:00 PM	1.2	0.1	6.11	17.58	177	3.56	154.1	9.16
	6:05:00 PM	1.8	0.11	6.19	17.44	172	4.34	158.2	4.89
	6:10:00 PM	2	0.11	6.24	17.41	170	5.22	159.8	0.93
Final Field Parameters	6:15:00 PM	2.2	0.1	6.27	17.44	170	5.71	165.5	1.49

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	6:15:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

PDX P-PUMP SM #2 powered by V2 van inverter.
 PDX Oakton #4 for pH.
 PDX Turb #3 for turbidity.
 PDX YSI #1 for all other parameters.
 Air bubbles observed in flow-thru cell during the final three parameters may have influenced DO readings.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW08		
Project #	8006.31.05	Sampler	KRT		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/14/2015		
Sampling Event	September 2015	Sample Name	MW08-091415		
Sub Area	MW	Sample Depth	61		
FSDS QA:	BTF 10/20/2015	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/14/2015	10:32	54.98		18.75		43.4	7.07

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	1:10:00 PM	7.1	0.96	6.95	13.4	478	0.56	100.8	10.87
	1:25:00 PM	14.2	2	6.86	13.12	451	0.92	81.6	1.06
Final Field Parameters									
	1:41:00 PM	21.3	2.2	6.86	13.1	447	0.78	74.1	0

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.
Mild, unidentifiable odor.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	1:41:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

PDX P-PUMP LG #1 powered by generator.
PDX Oakton #4 for pH.
PDX Turb #3 for turbidity.
PDX YSI #1 for all other parameters.
With tubing at bottom of well, flow-thru cell ports become clogged with sand and fine gravel. Raise tubing.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW09		
Project #	8006.31.05	Sampler	KRT		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/14/2015		
Sampling Event	September 2015	Sample Name	MW09-091415		
Sub Area	MW	Sample Depth	13.5		
FSDS QA:	BTF 10/20/2015	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/14/2015	9:21	14.61		7.85		6.76	1.1

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	4:33:00 PM	1.1	0.46	6.87	16.1	225	0.44	-2.5	12.24
	4:43:00 PM	2.2	0.45	6.75	15.9	227	0.56	-11.3	50.74
	4:52:00 PM	3.3	0.36	6.7	15.85	228	0.53	-10.9	51.41
	5:00:00 PM	4.4	0.38	6.67	15.9	230	0.5	-12.2	64.79
	5:52:00 PM	5.5	0.35	6.57	15.8	236	0.2	-9.6	14.93
	6:04:00 PM	6.6	0.32	6.71	16.04	237	0.14	-15.9	4.11
	Final Field Parameters	6:09:00 PM	7	0.3	6.7	15.99	238	0.13	-14.9

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.
Mild sulfur-like odor?

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	6:09:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		5

General Sampling Comments

PDX P-PUMP SM #2 powered by its own internal battery.
PDX Turb #3 for turbidity.
PDX YSI #1 for all other parameters.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW10		
Project #	8006.31.05	Sampler	KRT		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/17/2015		
Sampling Event	September 2015	Sample Name	MW10-091715		
Sub Area	MW	Sample Depth	29		
FSDS QA:	BTF 10/20/2015	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/14/2015	9:34	29.53		12.98		16.55	2.7

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	11:29:00 AM	2.7	0.6	6.72	14.33	168	1.63	29.2	3.68
	11:42:00 AM	5.4	0.6	6.72	14.15	169	1.1	22.5	1.17
Final Field Parameters	12:02:00 PM	8.1	0.6	6.71	14.13	168	0.91	15.9	1.17

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	12:02:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

PDX P-PUMP LG #1 powered by V2 van inverter.
 PDX Oakton #4 for pH.
 PDX Turb #3 for turbidity.
 PDX YSI #1 for all other parameters.
 Rainstorm begins during final parameter. Shut well to protect it. Did not get final flowrate or turbidity.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW11		
Project #	8006.31.05	Sampler	KRT		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/15/2015		
Sampling Event	September 2015	Sample Name	MW11-091515		
Sub Area	MW	Sample Depth	19		
FSDS QA:	BTF 10/20/2015	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/14/2015	10:18	19.54		11.28		8.26	1.35

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	10:38:00 AM	1.5	0.4		14.62	213	5.42	127.2	5.6
	10:57:00 AM	3	0.35		14.47	217	4.59	122.8	10.11
	11:10:00 AM	4.5	0.32	6.35	14.42	218	4.49	121	4
Final Field Parameters	11:15:00 AM	5	0.3	6.33	14.43	218	4.41	119.2	2.92

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	11:15:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

PDX P-PUMP SM #2.
 PDX Turb #3 for turbidity.
 VANC YSI #1 for all other parameters.
 No pH readings for first two parameters due to malfunctioning pH probe on YSI.
 VANC Oakton #1 for final two pH readings.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW13
Project #	8006.31.05	Sampler	KRT
Project Name	Park Laundry - Ridgefield	Sampling Date	9/15/2015
Sampling Event	September 2015	Sample Name	MW13-091515
Sub Area	MW	Sample Depth	18.5
FSDS QA:	BTF 10/20/2015	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/14/2015	10:24	19.45		9.71		9.74	1.59

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	1:57:00 PM	1.6		6.48	16.58	274	4.07	96.7	0.28
	2:16:00 PM	3.2	0.31	6.41	16.37	277	3.24	98.3	0
	2:35:00 PM	4.8	0.3	6.42	16.19	277	3.07	97.6	0
Final Field Parameters	2:40:00 PM	5.5	0.3	6.42	16.16	278	3.1	97.1	0

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	2:40:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

PDX P-PUMP SM #1.
 VANC Oakton #1 for pH.
 PDX Turb #3 for turbidity.
 VANC YSI #1 for all other parameters.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW14		
Project #	8006.31.05	Sampler	KRT		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/17/2015		
Sampling Event	September 2015	Sample Name	MW14-091715		
Sub Area	MW	Sample Depth	21		
FSDS QA:	BTF 10/20/2015	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/14/2015	9:15	21.81		13.79		8.02	1.31

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	8:45:00 AM	1.4	0.35	6.22	15.99	131	0.33	67.2	45.49
	9:00:00 AM	2.8	0.32	6.24	15.85	138	0.37	49.3	80.36
	9:15:00 AM	4.2	0.35	6.24	45.78	142	0.35	42.6	36.97
	9:20:00 AM	4.6	0.18	6.23	16.01	144	0.36	41.6	30.4
	9:25:00 AM	4.8	0.16	6.24	16.13	143	0.37	45.1	26.18
	9:30:00 AM	5	0.13	6.24	16.16	144	0.37	42.2	23.82
Final Field Parameters	10:05:00 AM	5.8	0.07	6.25	17.21	138	0.21	34.1	11.76

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly cloudy to clear; colorless. Additional parameters:
 09:45 5.4 0.11 6.24 16.42 144 0.28 35.6 23.07
 09:55 5.6 0.07 6.25 16.74 141 0.22 35.4 18.82

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	10:05:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

PDX P-PUMP SM #2.
 PDX Oakton #4 for pH.
 PDX Turb #3 for turbidity.
 PDX YSI #1 for all other parameters.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW15		
Project #	8006.31.05	Sampler	KRT/ENH		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/15/2015		
Sampling Event	September 2015	Sample Name	MW15-091515		
Sub Area	MW	Sample Depth	64		
FSDS QA:	BTF 10/20/2015	Eastings		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/14/2015	10:05	64.95		42.35		22.6	3.68

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(1) Submersible Pump	10:19:00 AM	3.7	1.4	6.78	14.53	175	6.75	24.2	0.08
	10:30:00 AM	7.4	1.4	6.58	14.53	182	6.65	41.1	0.04
	10:38:00 AM	11.1	1.4	6.53	14.58	174	6.65	51	0.02
Final Field Parameters	10:43:00 AM	13.5	1.4	6.52	14.63	178	6.62	53.5	0.01

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	10:43:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

PDX Grundfos set at 150 Hz.
PDX Turb #3 for turbidity.
PDX YSI #1 for all other parameters.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW16		
Project #	8006.31.05	Sampler	KRT/ENH		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/15/2015		
Sampling Event	September 2015	Sample Name	MW16-091515		
Sub Area	MW	Sample Depth	63.5		
FSDS QA:	BTF 10/20/2015	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/14/2015	10:12	64.53		40.95		23.58	3.84

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(1) Submersible Pump	1:48:00 PM	3.9	1	6.64	14.69	190	5.41	141.6	1.57
	1:59:00 PM	7.8	0.9	6.51	14.76	193	5.62	153.9	1.21
Final Field Parameters	2:16:00 PM	12.6	1	6.46	14.77	189	5.69	158.7	0.12

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	2:16:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

PDX Grundfos set at 148 Hz.
PDX Turb #3 for turbidity.
PDX YSI #1 for all other parameters.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW17		
Project #	8006.31.05	Sampler	KRT		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/17/2015		
Sampling Event	September 2015	Sample Name	MW17-091715		
Sub Area	MW	Sample Depth	32.5		
FSDS QA:	BTF 10/20/2015	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/14/2015	9:40	33.25		13.46		19.79	3.23

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	2:31:00 PM	3.3	0.65	6.67	14.1	265	0.38	5.3	18.62
	2:47:00 PM	6.6	0.65	6.69	14.09	266	0.15	-11.3	0.84
	3:06:00 PM	9.9	0.65	6.69	14.09	267	0.08	-20.7	1.1
	3:11:00 PM	10.7	0.65	6.71	14.08	267	0.07	-22.9	0.49
Final Field Parameters	3:21:00 PM	12.4	0.65	6.71	14.09	267	0.06	-24.4	0.23

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	3:21:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

PDX P-PUMP LG #1 powered by V2 van inverter.
 PDX Oakton #4 for pH.
 PDX Turb #3 for first turbidity reading, then meter gives error message. PDX Turb #2 for subsequent turbidity readings.
 PDX YSI #1 for all other parameters.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW18		
Project #	8006.31.05	Sampler	KRT		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/16/2015		
Sampling Event	September 2015	Sample Name	MW18-091615		
Sub Area	MW	Sample Depth	42		
FSDS QA:	BTF 10/20/2015	Eastings		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/14/2015	9:52	43.16		37.08		6.08	0.99

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(3) Disposable Bailer									
Final Field Parameters	9:46:00 AM			6.41	15.2	238	5.44	109.7	0.45

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	9:30:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

9/15/15 at 16:16: Bailed dry at 2 gallons. 9/16/15 at 09:24: DTW = 37.37.
 Water quality parameters collected following sampling using YSI calibration cup.
 PDX Oakton #4 for pH.
 PDX Turb #3 for turbidity.
 PDX YSI #1 for all other parameters.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW19		
Project #	8006.31.05	Sampler	KRT/EHN		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/15/2015		
Sampling Event	September 2015	Sample Name	MW19-091515		
Sub Area	MW	Sample Depth	62		
FSDS QA:	BTF 10/20/2015	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/14/2015	9:58	63		38.71		24.29	3.96

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(1) Submersible Pump	8:31:00 AM	4	1.4	7.22	17.96	291	0.18	-8.7	1.16
	8:41:00 AM	8	1.4	7.29	18.05	285	0.15	-44.1	0.76
Final Field Parameters	8:50:00 AM	12	1.4	7.26	18.09	274	0.1	-44	3.39

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless during purging.
Water in VOA vials appears to have a very slight yellow tint and trace suspended reddish-brown to brown material, up to 1 mm in diameter

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	8:50:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

PDX Grundfos set at 153 Hz.
PDX Turb #3 for turbidity.
PDX YSI #1 for all other parameters.

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW20		
Project #	8006.31.05	Sampler	KRT		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/16/2015		
Sampling Event	September 2015	Sample Name	MW20-091615		
Sub Area	MW	Sample Depth	8.5		
FSDS QA:	BTF 10/20/2015	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/14/2015	9:01	9.67		5.54		4.13	0.67

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(3) Disposable Bailer									
Final Field Parameters	10:30:00 AM			6.03	19.75	260	2.79	105.1	32.2

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly cloudy; yellow tint.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	10:10:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

9/15/15 at 16:25: Bailed dry at 1 gallon. 9/16/15 at 10:04: DTW = 7.39.
 Water quality parameters collected following sampling using YSI calibration cup.
 PDX Oakton #4 for pH.
 PDX Turb #3 for turbidity.
 PDX YSI #1 for all other parameters.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW21		
Project #	8006.31.05	Sampler	KRT		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/16/2015		
Sampling Event	September 2015	Sample Name	MW21-091615		
Sub Area	MW	Sample Depth	12		
FSDS QA:	BTF 10/20/2015	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/14/2015	8:54	13.1		7.4		5.7	0.93

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	2:33:00 PM	1	0.55	6.5	17.07	174	2.51	77.6	80.48
	2:49:00 PM	2	0.17	6.49	17.6	168	2.93	90.9	49.56
	3:10:00 PM	3	0.17	6.43	17.81	172	2.09	93.9	3.72
Final Field Parameters	3:15:00 PM	3.2	0.17	6.44	17.93	172	2.18	95.4	2.48

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	3:15:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

PDX P-PUMP SM #1.
 PDX Oakton #4 for pH.
 PDX Turb #3 for turbidity.
 PDX YSI #1 for all other parameters.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW03		
Project #	8006.31.05	Sampler	KRT		
Project Name	Park Laundry - Ridgefield	Sampling Date	12/21/2015		
Sampling Event	December 2015	Sample Name	MW03-122115		
Sub Area		Sample Depth	14		
FSDS QA:	AWV, 1/15/2016	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/21/2015	8:41	15.26		2.23		13.03	2.12

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	3:02:00 PM	2.2	0.48	6.59	12.8	214.9	2.39	-100.3	0.8
	3:15:00 PM	4.4	0.48	6.6	12.9	210.4	1.88	-108.2	0.4
	3:36:00 PM	6.6	0.48	6.57	12.9	208.4	2.03	-115.6	0.11
Final Field Parameters	3:41:00 PM	7.5	0.47	6.57	12.9	208.2	1.98	-116.8	0.23

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	3:41:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		5

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW05		
Project #	8006.31.05	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	12/22/2015		
Sampling Event	December 2015	Sample Name	MW05-122215		
Sub Area		Sample Depth	16		
FSDS QA:	AWV, 1/15/2016	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/21/2015	9:05	17.13		5.55		11.58	1.89

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	11:45:00 AM	1.9	0.36	6.63	15.7	218.9	1.55	-114.5	3.37
	12:11:00 PM	3.8	0.36	6.58	15.7	216.1	1.46	-125.9	1.91
Final Field Parameters	12:44:00 PM	5.7	0.36	6.58	15.8	218.3	1.47	-124.8	1.87

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	12:44:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW05		
Project #	8006.31.05	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	12/22/2015		
Sampling Event	December 2015	Sample Name	MW05-122215-DUP		
Sub Area		Sample Depth	16		
FSDS QA:	AWV, 1/15/2016	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/21/2015	9:05	17.13		5.55		11.58	1.89

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	11:45:00 AM	1.9	0.36	6.63	15.7	218.9	1.55	-114.5	3.37
	12:11:00 PM	3.8	0.36	6.58	15.7	216.1	1.46	-125.9	1.91
Final Field Parameters	12:44:00 PM	5.7	0.36	6.58	15.8	218.3	1.47	-124.8	1.87

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	12:44:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW06		
Project #	8006.31.05	Sampler	KRT		
Project Name	Park Laundry - Ridgefield	Sampling Date	12/22/2015		
Sampling Event	December 2015	Sample Name	MW06-122215		
Sub Area		Sample Depth	15		
FSDS QA:	AWV, 1/15/2016	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/21/2015	9:10	16.32		7.88		8.44	1.38

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump									
Final Field Parameters	8:33:00 AM			6.56	12.4	237.9	5.06	135.3	7.74

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	8:15:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		5

General Sampling Comments

12/21/2015 at 1420: Bailed dry at 2 gallons.
 12/22/2015 at 08:15: Sample collected. Water quality parameters collected following sampling using YSI calibration cup.

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW07
Project #	8006.31.05	Sampler	AWV
Project Name	Park Laundry - Ridgefield	Sampling Date	12/22/2015
Sampling Event	December 2015	Sample Name	MW07-122215
Sub Area		Sample Depth	14.5
FSDS QA:	AWV, 1/15/2016	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/21/2015	9:19	15.62		10.28		5.34	0.87

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	2:09:00 PM	1	0.2	6.17	13.1	213.9	3.67	-89.9	5.89
	2:40:00 PM	2	0.15	6.16	14.7	216.6	3.41	-93.4	1.62
Final Field Parameters									
	3:10:00 PM	3	0.15	6.16	14.9	214.9	3.44	-92.5	1.48

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	3:10:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW09		
Project #	8006.31.05	Sampler	KRT		
Project Name	Park Laundry - Ridgefield	Sampling Date	12/22/2015		
Sampling Event	December 2015	Sample Name	MW09-122215		
Sub Area		Sample Depth	13.5		
FSDS QA:	AWV, 1/15/2016	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/21/2015	9:01	14.61		2.41		12.2	2

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	12:29:00 PM	2	0.45	6.44	14.4	253.3	0.26	-81	12
	12:44:00 PM	4	0.43	6.44	14.5	252.5	0.21	-85.8	7.04
	1:06:00 PM	6	0.42	6.45	14.5	249.5	0.18	-29.4	3.48
Final Field Parameters	1:11:00 PM	7.2	0.42	6.44	14.4	249.3	0.18	-31.4	4

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless during purging.
Water in sample containers is slightly cloudy to clear; colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	1:11:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW10
Project #	8006.31.05	Sampler	KRT
Project Name	Park Laundry - Ridgefield	Sampling Date	12/22/2015
Sampling Event	December 2015	Sample Name	MW10-122215
Sub Area		Sample Depth	28.5
FSDS QA:	AWV, 1/15/2016	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/21/2015	9:22	29.53		11.95		17.58	2.87

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	2:21:00 PM	3	0.56	6.77	13.8	172.4	0.5	-81	1.48
	2:46:00 PM	6	0.52	6.74	13.6	171.4	0.97	-62.3	0.37
	3:10:00 PM	9	0.51	6.71	13.6	170.8	1.09	-77.1	0.2
Final Field Parameters	3:15:00 PM	10.5	0.51	6.73	13.6	170.9	1.04	-75	0.3

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	3:15:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW11		
Project #	8006.31.05	Sampler	KRT		
Project Name	Park Laundry - Ridgefield	Sampling Date	12/23/2015		
Sampling Event	December 2015	Sample Name	MW11-122315		
Sub Area		Sample Depth	18.5		
FSDS QA:	AWV, 1/15/2016	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/21/2015	10:20	19.54		9.06		10.48	1.71

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	9:10:00 AM	2	0.32	6.37	13.6	222.9	5.94	142.5	4.5
	9:34:00 AM	4	0.31	6.37	13.6	224.2	5.5	139.8	1.9
Final Field Parameters									
	9:55:00 AM	6	0.31	6.37	13.8	224.1	5.5	131.9	1.7

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	9:55:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW13		
Project #	8006.31.05	Sampler	KRT		
Project Name	Park Laundry - Ridgefield	Sampling Date	12/23/2015		
Sampling Event	December 2015	Sample Name	MW13-122315		
Sub Area		Sample Depth	18.5		
FSDS QA:	AWV, 1/15/2016	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/21/2015	10:24	19.45		5.15		14.3	2.33

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	8:50:00 AM	2.4	0.46	6.58	15.2	295.1	3.75	-58.8	0.39
	9:06:00 AM	4.8	0.43	6.56	15.1	300.9	3.95	-74.3	0.6
	9:40:00 AM	7.2	0.32	6.56	14.9	297	3.54	-97.6	0.69
	9:45:00 AM	8.5	0.34	6.55	14.9	297.4	3.41	-87.4	0.08
Final Field Parameters	9:50:00 AM	9	0.33	6.55	15.1	297.7	3.64	-85.2	0.01

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	9:50:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW14		
Project #	8006.31.05	Sampler	KRT		
Project Name	Park Laundry - Ridgefield	Sampling Date	12/22/2015		
Sampling Event	December 2015	Sample Name	MW14-122215		
Sub Area		Sample Depth	20		
FSDS QA:	AWV, 1/15/2016	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/21/2015	8:55	21.81		8.84		12.97	2.11

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	10:05:00 AM	2.2	0.39	6.25	15.6	158.1	0.62	-40.7	62.1
	10:22:00 AM	4.4	0.39	6.23	15.5	165.6	0.28	-48	61.9
	10:53:00 AM	6.6	0.36	6.21	15.5	169.3	0.18	-54	17.4
	10:58:00 AM	8.8	0.25	6.19	14.9	178.4	0.19	131.1	21.9
	11:20:00 AM	10	0.22	6.21	15.1	172.3	0.16	162.5	28.8
	11:36:00 AM	11	0.17	6.22	14.7	173	0.15	101.1	17.6
Final Field Parameters	11:41:00 AM	11.1	0.13	6.22	14	171.6	0.17	93.6	13.5

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly cloudy to clear; colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	11:41:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW15		
Project #	8006.31.05	Sampler	KRT/AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	12/21/2015		
Sampling Event	December 2015	Sample Name	MW15-122115		
Sub Area		Sample Depth	64		
FSDS QA:	AWV, 1/15/2016	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/21/2015	10:59	64.95		39.11		25.84	4.21

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(1) Submersible Pump	11:15:00 AM	4.3	1.7	6.32	14	178.1	9.24	-59	3.16
	11:28:00 AM	8.6	1.8	6.32	14.1	178	8.95	74.8	1.18
Final Field Parameters	11:37:00 AM	12.9	1.8	6.32	14.1	177.5	8.9	71.7	0.51

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	11:37:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW16		
Project #	8006.31.05	Sampler	KRT/AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	12/21/2015		
Sampling Event	December 2015	Sample Name	MW16-122115		
Sub Area		Sample Depth	63		
FSDS QA:	AWV, 1/15/2016	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/21/2015	10:35	64.53		37.52		27.01	4.4

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(1) Submersible Pump	12:44:00 PM	4.4	2.1	6.13	13.7	203.9	8.1	117.7	2.18
	12:55:00 PM	8.8	2	6.18	13.7	204.2	7.97	89.8	1.26
	1:02:00 PM	13.2	2	6.17	13.7	203.7	7.94	79	0.49
Final Field Parameters	1:07:00 PM	17	2	6.13	13.7	204.1	7.89	75.3	0.3

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless during purging.
Water in sample containers is slightly cloudy; slight gray tint.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	1:07:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		5

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW18
Project #	8006.31.05	Sampler	KRT
Project Name	Park Laundry - Ridgefield	Sampling Date	12/22/2015
Sampling Event	December 2015	Sample Name	MW18-122215
Sub Area		Sample Depth	42
FSDS QA:	AWV, 1/15/2016	Eastings	Northings
			TOC

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/21/2015	9:36	43.16		38.05		5.11	0.83

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(3) Disposable Bailer									
Final Field Parameters	9:11:00 AM			6.25	11.4	228.4	6.36	160.5	0.92

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	8:50:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

12/21/2015 at 1625: Bailed dry at 1.5 gallons.
 12/22/2015 at 08:50: Sample collected. Water quality parameters collected following sampling using YSI calibration cup.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW21
Project #	8006.31.05	Sampler	AWV
Project Name	Park Laundry - Ridgefield	Sampling Date	12/21/2015
Sampling Event	December 2015	Sample Name	MW21-122115
Sub Area		Sample Depth	12
FSDS QA:	AWV, 1/15/2016	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
12/21/2015	8:38	13.1		1.13		11.97	1.95

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	3:05:00 PM	2	0.4	5.6	13.8	177.2	3.2	130	6.47
	3:34:00 PM	4	0.4	6.32	13.8	177	2.84	44	2.88
Final Field Parameters									
	3:54:00 PM	6	0.36	6.32	13.7	176.9	2.74	38.1	2.3

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	3:54:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	Trip Blank		
Project #	8006.31.05	Sampler	KRT/AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	12/23/2015		
Sampling Event	December 2015	Sample Name	Trip Blank		
Sub Area		Sample Depth			
FSDS QA:	AWV, 1/15/2016	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
Final Field Parameters									

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
	Trip Blank		VOA-Glass	2	
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	2	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW01		
Project #	8006.31.05	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/21/2016		
Sampling Event	March 2016	Sample Name	MW01-032116		
Sub Area		Sample Depth	12		
FSDS QA:	AWV, 4/1/2016	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/21/2016	9:55	12.95		3.72		9.23	1.5

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	11:00:00 AM	1.5	0.3	7.72	12.46	165	1.18	131.4	2.81
	11:15:00 AM	3	0.3	6.74	12.5	158	0.81	130.5	1.42
Final Field Parameters									
	11:28:00 AM	4.5	0.3	6.43	12.51	156	0.79	130.9	1.36

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	11:28:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW02		
Project #	8006.31.05	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/21/2016		
Sampling Event	March 2016	Sample Name	MW02-032116		
Sub Area		Sample Depth	13.5		
FSDS QA:	AWV, 4/1/2016	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/21/2016	10:11	14.57		3.82		10.75	1.8

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	11:43:00 AM	1.8	0.3	5.68	11.03	55	8.27	143.8	6.87
	12:07:00 PM	3.6	0.3	5.89	11.02	55	8.06	132.8	5.92
Final Field Parameters	12:58:00 PM	6.2	0.3	6.1	11.09	55	7.82	128.5	3.55

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly turbid.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	12:58:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW03
Project #	8006.31.05	Sampler	AWV
Project Name	Park Laundry - Ridgefield	Sampling Date	3/21/2016
Sampling Event	March 2016	Sample Name	MW03-032116
Sub Area		Sample Depth	14
FSDS QA:	AWV, 4/1/2016	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/21/2016	10:34	15.26		3.71		11.55	1.9

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	1:20:00 PM	2	0.3	6.32	11.52	201	8.2	120.9	1.94
	1:50:00 PM	4	0.3	6.2	11.65	200	3.28	124.6	1.07
Final Field Parameters									
	2:30:00 PM	6.5	0.3	6.23	11.56	198	2.99	124.8	0.89

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	2:30:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW04		
Project #	8006.31.05	Sampler	KRT		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/23/2016		
Sampling Event	March 2016	Sample Name	MW04-032316		
Sub Area		Sample Depth	15		
FSDS QA:	AWV, 4/1/2016	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/21/2016	11:03	16.11		3.85		12.26	2

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	12:07:00 PM	2	0.35	6.26	12.58	167	4.1	116.4	0
	12:31:00 PM	4	0.45	6.17	12.79	163	3.83	113.6	0.32
Final Field Parameters									
	12:53:00 PM	6	0.45	6.16	12.82	161	3.65	111.3	0

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	12:53:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW05
Project #	8006.31.05	Sampler	AWV
Project Name	Park Laundry - Ridgefield	Sampling Date	3/21/2016
Sampling Event	March 2016	Sample Name	MW05-032116
Sub Area		Sample Depth	16
FSDS QA:	AWV, 4/1/2016	Eastings	Northings
			TOC

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/21/2016	11:17	17.13		5.16		11.97	2

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	3:38:00 PM	2	0.35	6.23	13.68	204	1.39	123.7	1.5
	4:00:00 PM	4	0.35	6.23	13.76	205	1.33	125.1	0.38
Final Field Parameters									
	4:31:00 PM	6	0.35	6.22	13.78	206	1.29	126.7	0.45

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	4:31:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW05
Project #	8006.31.05	Sampler	AWV
Project Name	Park Laundry - Ridgefield	Sampling Date	3/21/2016
Sampling Event	March 2016	Sample Name	MW05-032116-DUP
Sub Area		Sample Depth	16
FSDS QA:	AWV, 4/1/2016	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/21/2016	11:17	17.13		5.16		11.97	2

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	3:38:00 PM	2	0.35	6.23	13.68	204	1.39	123.7	1.5
	4:00:00 PM	4	0.35	6.23	13.76	205	1.33	125.1	0.38
Final Field Parameters									
	4:31:00 PM	6	0.35	6.22	13.78	206	1.29	126.7	0.45

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	4:31:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW06
Project #	8006.31.05	Sampler	KRT
Project Name	Park Laundry - Ridgefield	Sampling Date	3/22/2016
Sampling Event	March 2016	Sample Name	MW06-032216
Sub Area		Sample Depth	15.5
FSDS QA:	AWV, 4/1/2016	Eastings	Northings
			TOC

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/21/2016	11:00	16.32		6.12		10.2	1.7

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(3) Disposable Bailer									
Final Field Parameters	7:52:00 AM			7.1	11.29	215	5.16	105	9.53

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	7:40:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

3/21/2016 at 14:25: Bailed dry at approximately 2 gallons.
 3/22/2016 at 07:40: Sample collected. Water quality data collected following sample collection using YSI parameter cup.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW07
Project #	8006.31.05	Sampler	AWV
Project Name	Park Laundry - Ridgefield	Sampling Date	3/22/2016
Sampling Event	March 2016	Sample Name	MW07-032216
Sub Area		Sample Depth	14.5
FSDS QA:	AWV, 4/1/2016	Eastings	Northings
			TOC

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/21/2016	11:22	15.62		6.88		8.74	1.5

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	3:16:00 PM	1.5	0.225	5.75	13.55	174	4.37	173.2	5.71
	3:45:00 PM	3	0.225	5.75	13.19	175	4.17	173	1.57
Final Field Parameters	4:15:00 PM	4.5	0.225	5.74	13.1	175	4.13	175	0.77

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	4:15:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW08		
Project #	8006.31.05	Sampler	KRT		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/23/2016		
Sampling Event	March 2016	Sample Name	MW08-032316		
Sub Area		Sample Depth	16		
FSDS QA:	AWV, 4/1/2016	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/21/2016	11:55	62.52		13.72		41.26	6.8

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	9:30:00 AM	6.8	1.5	6.08	12.94	443	0.6	135.1	0.01
	9:47:00 AM	13.6	1.5	6.06	12.93	437	0.58	134.1	0
Final Field Parameters	10:06:00 AM	20.4	1.5	6.04	12.91	428	0.57	130.5	0

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	10:06:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW09
Project #	8006.31.05	Sampler	KRT
Project Name	Park Laundry - Ridgefield	Sampling Date	3/21/2016
Sampling Event	March 2016	Sample Name	MW09-032116
Sub Area		Sample Depth	13.5
FSDS QA:	AWV, 4/1/2016	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/21/2016	11:12	14.61		3.94		10.67	1.8

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	4:48:00 PM	1.8	0.37	5.71	12.35	231	0.67	117.8	5.73
	5:09:00 PM	3.6	0.36	5.8	12.48	232	0.35	84.6	2.08
	5:30:00 PM	5.4	0.35	5.85	12.48	233	0.22	65	1.42
Final Field Parameters	5:35:00 PM	6	0.35	5.85	12.52	233	0.21	61.4	1.3

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	5:35:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW10		
Project #	8006.31.05	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/22/2016		
Sampling Event	March 2016	Sample Name	MW10-032216		
Sub Area		Sample Depth	28.5		
FSDS QA:	AWV, 4/1/2016	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/21/2016	11:25	29.53		8.07		21.46	3.5

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	3:30:00 PM	3.5	0.42	6.26	13.48	166	1.02	96.5	0.58
	4:15:00 PM	7	0.5	6.4	13.65	164	1.14	75	0.42
Final Field Parameters									
	5:00:00 PM	10.5	0.5	6.38	13.67	165	1.17	73.4	0.49

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	5:00:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW11		
Project #	8006.31.05	Sampler	AWV		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/22/2016		
Sampling Event	March 2016	Sample Name	MW11-032216		
Sub Area		Sample Depth	18.5		
FSDS QA:	AWV, 4/1/2016	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/21/2016	11:42	19.54		8.44		11.1	1.8

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	10:20:00 AM	1.8	0.3	6.19	12.67	216	4.45	161.5	2.54
	10:42:00 AM	3.6	0.3	6.18	12.65	217	4.16	165.4	1.94
Final Field Parameters	11:07:00 AM	6	0.3	6.13	12.79	217	4.25	172	1.95

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	11:07:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW13
Project #	8006.31.05	Sampler	AWV
Project Name	Park Laundry - Ridgefield	Sampling Date	3/22/2016
Sampling Event	March 2016	Sample Name	MW13-032216
Sub Area		Sample Depth	18.5
FSDS QA:	AWV, 4/1/2016	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/21/2016	11:47	19.45		5.68		13.77	2.3

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	12:35:00 PM	2.3	0.375	6.3	14.27	300	2.88	166.3	0.23
	12:58:00 PM	4.6	0.375	6.3	14.39	299	2.63	167.2	0.06
Final Field Parameters									
	1:26:00 PM	6.9	0.375	6.31	14.42	300	2.66	166.9	0

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	1:26:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW14
Project #	8006.31.05	Sampler	KRT
Project Name	Park Laundry - Ridgefield	Sampling Date	3/21/2016
Sampling Event	March 2016	Sample Name	MW14-032116
Sub Area		Sample Depth	20
FSDS QA:	AWV, 4/1/2016	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/21/2016	11:08	21.81		9.49		12.32	2

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	1:39:00 PM	2	0.22	6.32	13.76	141	0.52	124	30.1
	2:10:00 PM	4	0.19	6	13.78	146	0.47	119.9	11.4
	2:40:00 PM	6	0.17	5.77	13.43	148	0.4	121.3	7.55
Final Field Parameters									
	2:45:00 PM	6.2	0.18	5.75	13.47	148	0.41	121.7	6.35

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	2:45:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW15
Project #	8006.31.05	Sampler	AWV/KRT
Project Name	Park Laundry - Ridgefield	Sampling Date	3/22/2016
Sampling Event	March 2016	Sample Name	MW15-032216
Sub Area		Sample Depth	63.5
FSDS QA:	AWV, 4/1/2016	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/22/2016	9:26	64.95		37.6		27.35	4.5

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(1) Submersible Pump	9:55:00 AM	4.5	1.2	6.07	14.31	174	6.48	123.1	1.81
	10:08:00 AM	9	1.2	5.99	14.31	174	6.59	124.3	0.45
Final Field Parameters	10:21:00 AM	13.5	1.2	5.94	14.35	174	6.6	125.3	0.05

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	10:21:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW16		
Project #	8006.31.05	Sampler	KRT		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/22/2016		
Sampling Event	March 2016	Sample Name	MW16-032216		
Sub Area		Sample Depth	63.5		
FSDS QA:	AWV, 4/1/2016	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/21/2016	12:03	64.53		36.02		28.51	4.7

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(1) Submersible Pump	11:59:00 AM	4.7	1.2	5.68	14.34	196	6.12	123.7	8.84
	12:13:00 PM	9.4	1.3	5.62	14.19	195	6.06	125.2	0.58
Final Field Parameters	12:27:00 PM	14.1	1.3	5.6	14.14	192	6.11	126.6	0.43

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.
Sample is slightly cloudy. Trace suspended material.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	12:27:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW17		
Project #	8006.31.05	Sampler	KRT		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/22/2016		
Sampling Event	March 2016	Sample Name	MW17-032216		
Sub Area		Sample Depth	32		
FSDS QA:	AWV, 4/1/2016	Eastings		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/21/2016	11:31	33.25		8.78		24.47	4

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	4:44:00 PM	4	0.9	5.89	13.76	248	0.43	18.1	0.1
	5:02:00 PM	8	0.9	6	13.86	249	0.14	-6.9	0.02
	5:20:00 PM	12	0.9	6.07	13.96	250	0.11	-20.9	0.01
Final Field Parameters	5:25:00 PM	13	0.9	6.08	13.94	250	0.11	-23.3	0.02

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	5:25:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW18		
Project #	8006.31.05	Sampler	KRT		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/22/2016		
Sampling Event	March 2016	Sample Name	MW18-032216		
Sub Area		Sample Depth	42		
FSDS QA:	AWV, 4/1/2016	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/21/2016	11:36	43.16		34.48		8.68	1.5

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(3) Disposable Bailer									
Final Field Parameters	8:16:00 AM			7.23	11.81	190	7.05	126	2.23

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	8:05:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

3/21/2016 at 16:30: Bailed three pore volumes.
 3/22/2016 at 08:05: Collected sample. Water quality data collected following sampling using YSI parameter cup.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW19
Project #	8006.31.05	Sampler	KRT
Project Name	Park Laundry - Ridgefield	Sampling Date	3/22/2016
Sampling Event	March 2016	Sample Name	MW19-032216
Sub Area		Sample Depth	62
FSDS QA:	AWV, 4/1/2016	Eastings	<input type="text"/>
		Northing	<input type="text"/>
		TOC	<input type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/21/2016	12:11	63		33.87		29.13	4.8

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(1) Submersible Pump	2:23:00 PM	4.8	1.2	6.54	17.73	258	0.87	93	0.51
	2:38:00 PM	9.6	1.2	6.62	17.59	258	0.25	92.8	0.43
Final Field Parameters	2:54:00 PM	14.4	1.2	6.69	17.73	258	0.17	89.3	0.1

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless during purging.
Sample is slightly cloudy with some suspended material.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	2:54:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW20		
Project #	8006.31.05	Sampler	KRT		
Project Name	Park Laundry - Ridgefield	Sampling Date	3/22/2016		
Sampling Event	March 2016	Sample Name	MW20-032216		
Sub Area		Sample Depth	8.5		
FSDS QA:	AWV, 4/1/2016	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/21/2016	15:43	9.67		3.73		5.94	1

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(3) Disposable Bailer									
Final Field Parameters	8:58:00 AM			6.03	11.47	179	4.65	132.5	25.2

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly cloudy. Slight yellow tint.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	8:45:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

3/21/2016 at 15:50: Bailed dry at 1.5 gallons.
3/22/2016 at 08:45: Collected groundwater sample. Water quality data collected following sampling using YSI parameter cup.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW21
Project #	8006.31.05	Sampler	AWV
Project Name	Park Laundry - Ridgefield	Sampling Date	3/21/2016
Sampling Event	March 2016	Sample Name	MW21-032116
Sub Area		Sample Depth	12
FSDS QA:	AWV, 4/1/2016	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
3/21/2016	9:45	13.1		2.75		10.35	1.7

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	10:27:00 AM	1.7	0.3	5.4	11.8	155	5.8	137.1	2.88
	10:48:00 AM	3.8	0.3	5.82	11.93	154	5.57	119.1	1.15
Final Field Parameters	11:05:00 AM	5.1	0.3	5.86	11.94	153	5.33	119.3	1.25

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	11:05:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW01		
Project #	8006.31.05	Sampler	ENH		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/8/2016		
Sampling Event	September 2016	Sample Name	MW01-090816		
Sub Area		Sample Depth	11		
FSDS QA:	ENH 9/19/16	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/6/2016	16:58	12.95		7.01		5.94	0.97

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	8:18:00 AM	1	0.3	6.23	17.4	170.6	1.6	195.7	45.6
	8:33:00 AM	2	0.16	6.26	16.7	176.9	1.04	202.3	8.07
	8:49:00 AM	3	0.16	6.26	17.3	174.5	1.67	205.8	7.25
Final Field Parameters	8:55:00 AM	3.5	0.16	6.27	17.3	174.8	1.55	207.8	5.49

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless. At higher flow rate, there was some suspended sediment, so lowered flow rate.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	8:55:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Began purging at 0802.
Geotech rental YSI Professional Plus (unit #4144).
PDX Turb #1.
PDX PUMP SM #1.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW02		
Project #	8006.31.05	Sampler	ENH		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/8/2016		
Sampling Event	September 2016	Sample Name	MW02-090816		
Sub Area		Sample Depth	13		
FSDS QA:	ENH 9/19/16	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/6/2016	17:05	14.57		7.33		7.24	1.18

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	9:53:00 AM	1.2	0.21	6.31	16.2	140.7	3.91	231.1	9.84
	10:10:00 AM	2.4	0.25	6.31	16.3	157.3	3.37	235.6	6.21
Final Field Parameters									
	10:32:00 AM	3.6	0.25	6.31	16.4	151.4	3.54	237.4	5.95

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	10:32:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Began purging at 0936.

Geotech rental YSI Professional Plus (unit #4144).
PDX Turb #1.
PDX PUMP SM #1.

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW03		
Project #	8006.31.05	Sampler	ENH		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/8/2016		
Sampling Event	September 2016	Sample Name	MW03-090816		
Sub Area		Sample Depth	14		
FSDS QA:	ENH 9/19/16	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/8/2016	8:45	15.26		8.2		7.06	1.15

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	11:15:00 AM	1.2	0.17	6.4	15.8	203.3	2.92	161.7	31.5
	11:43:00 AM	2.4	0.17	6.37	15.8	206.9	2.17	169.8	6.64
	12:01:00 PM	3.6	0.2	6.36	15.6	208.1	1.97	176.2	3.62
Final Field Parameters	12:06:00 PM	3.8	0.2	6.36	15.7	207.6	2.09	177	2.67

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	12:06:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Began purging at 1059.

Geotech rental YSI Professional Plus (unit #4144).
PDX Turb #1.
PDX PUMP SM #1.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW04		
Project #	8006.31.05	Sampler	KRT		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/8/2016		
Sampling Event	September 2016	Sample Name	MW04-090816		
Sub Area		Sample Depth	15		
FSDS QA:	ENH 9/19/16	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/6/2016	16:48	16.11		7.68		8.43	1.37

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	8:22:00 AM	1.4	0.42	6.49	16	185.8	4.07	83.7	2.83
	8:33:00 AM	2.8	0.42	6.51	15.8	184.6	3.75	78	1.51
Final Field Parameters	8:45:00 AM	4.2	0.4	6.52	15.8	186.3	3.62	73.4	1.13

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	8:45:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Geotech rental YSI Professional Plus (unit #4133).
VANC Turb #2.
PDX PUMP SM #2.

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW05
Project #	8006.31.05	Sampler	ENH
Project Name	Park Laundry - Ridgefield	Sampling Date	9/8/2016
Sampling Event	September 2016	Sample Name	MW05-090816-DUP
Sub Area		Sample Depth	16
FSDS QA:	ENH 9/19/16	Easting	
		Northing	
		TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/6/2016	16:52	17.13		9.42		7.71	1.26

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	2:18:00 PM	1.3	0.25	6.32	17.5	219.4	1.01	233.4	1.41
	2:31:00 PM	2.6	0.35	6.33	17.3	219.3	0.97	231.7	1.06
	2:44:00 PM	3.9	0.35	6.34	17.2	218.2	0.9	230.1	0.67
Final Field Parameters	2:49:00 PM	4.2	0.35	6.35	17.2	219.7	0.87	229.3	1.33

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	2:49:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Duplicate sample of MW05-090816.
Began purging at 1356.

Geotech rental YSI Professional Plus (unit #4144).
PDX Turb #1.
PDX PUMP SM #1.

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW05		
Project #	8006.31.05	Sampler	ENH		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/8/2016		
Sampling Event	September 2016	Sample Name	MW05-090816		
Sub Area		Sample Depth	16		
FSDS QA:	ENH 9/19/16	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/6/2016	16:52	17.13		9.42		7.71	1.26

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	2:18:00 PM	1.3	0.25	6.32	17.5	219.4	1.01	233.4	1.41
	2:31:00 PM	2.6	0.35	6.33	17.3	219.3	0.97	231.7	1.06
	2:44:00 PM	3.9	0.35	6.34	17.2	218.2	0.9	230.1	0.67
Final Field Parameters	2:49:00 PM	4.2	0.35	6.35	17.2	219.7	0.87	229.3	1.33

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	2:49:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Duplicate sample (MW05-090816-DUP) collected at this location.
Began purging at 1356.

Geotech rental YSI Professional Plus (unit #4144).
PDX Turb #1.
PDX PUMP SM #1.

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW06
Project #	8006.31.05	Sampler	KRT
Project Name	Park Laundry - Ridgefield	Sampling Date	9/7/2016
Sampling Event	September 2016	Sample Name	MW06-090716
Sub Area		Sample Depth	15.5
FSDS QA:	ENH 9/19/16	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/6/2016	16:55	16.32		9.78		6.54	1.07

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(3) Disposable Bailer									
Final Field Parameters	12:06:00 PM			6.53	18.7	236.9	3.78	199	3.93

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	11:50:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

9/6/2016 at 18:03: Bailed dry at approximately 1.5 gallons.
 9/7/2016 at 11:45 DTW = 11.20 and rising.
 Water quality data collected following sample collection using YSI parameter cup.
 Geotech rental YSI Professional Plus (unit #4144).
 PDX Turb #1.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW07
Project #	8006.31.05	Sampler	KRT
Project Name	Park Laundry - Ridgefield	Sampling Date	9/8/2016
Sampling Event	September 2016	Sample Name	MW07-090816
Sub Area		Sample Depth	14
FSDS QA:	ENH 9/19/16	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/6/2016	16:14	15.62		11.19		4.43	0.72

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	2:24:00 PM	0.8	0.2	5.98	17.5	182.7	3.86	74.2	3.03
	2:44:00 PM	1.6	0.19	6.03	17.5	180.4	3.92	48.7	1.65
	2:59:00 PM	2.4	0.19	6.05	17.7	180.2	3.99	38.4	1.02
Final Field Parameters	3:04:00 PM	2.6	0.19	6.05	18	180.1	3.9	36.6	0.74

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	3:04:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Geotech rental YSI Professional Plus (unit #4133).
VANC Turb #2.
PDX PUMP SM #2.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW08
Project #	8006.31.05	Sampler	KRT / ENH
Project Name	Park Laundry - Ridgefield	Sampling Date	9/9/2016
Sampling Event	September 2016	Sample Name	MW08-090916
Sub Area		Sample Depth	61
FSDS QA:	ENH 9/19/16	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/6/2016	15:38	62.1		18.12		43.98	7.17

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	8:44:00 AM	7.2	1.2	6.42	13.2	466	0.44	157.4	1.07
	9:03:00 AM	14.4	1.4	6.41	13.1	447.1	0.69	156.2	0.82
Final Field Parameters	9:26:00 AM	21.6	1.2	6.42	13.2	433.9	0.77	148.3	0.67

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(2) Peristaltic Pump	Groundwater	9:26:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Measured DTB on 9/6/2016.
 Began purging at 0810.
 Geotech rental YSI Professional Plus (unit #4144). PDX Turb #1. PDX P-PUMP LG #1.
 When deployed bailer for sampling, there was an obstruction at 13 ft bgs which prevented the bailer from going further.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW09		
Project #	8006.31.05	Sampler	KRT		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/8/2016		
Sampling Event	September 2016	Sample Name	MW09-090816		
Sub Area		Sample Depth	13		
FSDS QA:	ENH 9/19/16	Eastings		Northings	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/6/2016	14:42	14.61		7.27		7.34	1.2

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	9:58:00 AM	1.2	0.27	6.55	15.7	217.5	0.27	-20.5	3.93
	10:14:00 AM	2.4	0.35	6.54	15.6	221	0.24	-33.1	2.41
	10:33:00 AM	3.6	0.35	6.53	15.6	223	0.16	-63.9	3.3
	10:38:00 AM	4.9	0.35	6.54	15.6	223.3	0.15	-72.8	1.57
Final Field Parameters	10:43:00 AM	5.5	0.35	6.54	15.7	225.4	0.13	-77.8	1.49

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	10:43:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Geotech rental YSI Professional Plus (unit #4133).
VANC Turb #2.
PDX PUMP SM #2.

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW10
Project #	8006.31.05	Sampler	KRT
Project Name	Park Laundry - Ridgefield	Sampling Date	9/8/2016
Sampling Event	September 2016	Sample Name	MW10-090816
Sub Area		Sample Depth	28
FSDS QA:	ENH 9/19/16	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/6/2016	16:09	29.53		11.96		17.57	2.86

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	4:24:00 PM	2.9	0.45	6.68	14.6	180.4	0.98	-43.4	1.1
	4:42:00 PM	5.8	0.55	6.68	14.5	180	1.37	-40.6	0.78
	5:03:00 PM	8.7	0.5	6.7	14.5	180.1	1.64	-51.9	0.67
	5:08:00 PM	10.2	0.5	6.69	14.5	180.2	1.18	-56.7	0.72
Final Field Parameters	5:13:00 PM	11	0.5	6.7	14.5	179.8	1.18	-60.9	0.72

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	5:13:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Geotech rental YSI Professional Plus (unit #4133).
VANC Turb #2.
PDX PUMP LG #1.

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW11		
Project #	8006.31.05	Sampler	ENH		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/8/2016		
Sampling Event	September 2016	Sample Name	MW11-090816		
Sub Area		Sample Depth	18		
FSDS QA:	ENH 9/19/16	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/6/2016	16:23	19.54		10.67		8.87	1.45

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	4:13:00 PM	1.5	0.26	6.33	14.9	224.7	4.22	273.8	12.8
	4:34:00 PM	3	0.25	6.34	14.8	226.3	3.87	273.8	6.27
Final Field Parameters									
	4:55:00 PM	4.5	0.25	6.35	14.8	227	3.71	275	4.29

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	4:55:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Began purging at 1551.

Geotech rental YSI Professional Plus (unit #4144).
PDX Turb #1.
PDX PUMP SM #2.

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW13		
Project #	8006.31.05	Sampler	KRT		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/7/2016		
Sampling Event	September 2016	Sample Name	MW13-090716		
Sub Area		Sample Depth	18.5		
FSDS QA:	ENH 9/19/16	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/6/2016	16:27	19.45		8.73		10.72	1.75

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	4:15:00 PM	1.8	0.17	6.45	17.2	305.2	2.48	164.5	1.51
	4:36:00 PM	3.6	0.29	6.44	16.4	308.2	3.14	170.3	2.5
	5:13:00 PM	5.4	0.21	6.44	16.5	303.1	2.65	185.2	0.8
Final Field Parameters	5:18:00 PM	5.7	0.21	6.45	16.9	300.1	2.66	185.9	0.73

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	5:18:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Geotech rental YSI Professional Plus (unit #4144).
PDX Turb #1.
PDX PUMP SM #2.

Signature _____

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW14		
Project #	8006.31.05	Sampler	KRT		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/7/2016		
Sampling Event	September 2016	Sample Name	MW14-090716		
Sub Area		Sample Depth	20		
FSDS QA:	ENH 9/19/16	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/6/2016	16:34	21.81		12.5		9.31	1.52

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	9:28:00 AM	1.6	0.25	6.17	16	122.6	0.44	182.3	6.48
	9:53:00 AM	3.2	0.22	6.19	15.9	128	0.13	184	4.43
Final Field Parameters	10:21:00 AM	4.8	0.2	6.21	16	130	0.08	182.8	2.76

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	10:21:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Geotech rental YSI Professional Plus (unit #4144).
PDX Turb #1.
PDX PUMP SM #2.

Signature _____

Maul Foster & Alongi, Inc.

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Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW15		
Project #	8006.31.05	Sampler	KRT / ENH		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/9/2016		
Sampling Event	September 2016	Sample Name	MW15-090916		
Sub Area		Sample Depth	63.5		
FSDS QA:	ENH 9/19/16	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/6/2016	15:32	64.95		41.45		23.5	3.83

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(1) Submersible Pump	4:10:00 PM	3.9	0.9	6.29	15.5	187.2	6.58	202.2	2.03
	4:28:00 PM	7.8	0.85	6.29	15.4	186.6	6.6	206.8	1.2
Final Field Parameters									
	4:43:00 PM	11.7	0.95	6.29	15.3	185.8	6.5	209.8	0.86

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	4:43:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Began purging at 1558.
 Geotech rental YSI Professional Plus (unit #4144).
 PDX Turb #1.
 PDX Grundfos -- controller set at 150 Hz.

Signature _____

Maul Foster & Alongi, Inc.

400 E. Mill Plain Blvd, Suite 400, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW16		
Project #	8006.31.05	Sampler	KRT / ENH		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/9/2016		
Sampling Event	September 2016	Sample Name	MW16-090916		
Sub Area		Sample Depth	63.5		
FSDS QA:	ENH 9/19/16	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/6/2016	15:23	64.53		40.07		24.46	3.99

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(1) Submersible Pump	10:48:00 AM	4	1	6.24	14.6	209.2	5.84	218.4	1.26
	11:00:00 AM	8	1.1	6.22	14.6	209.3	5.88	226.9	0.86
Final Field Parameters	11:18:00 AM	14	1.2	6.22	14.6	209.1	5.77	236.1	0.72

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	11:18:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Began purging at 1034.

Geotech rental YSI Professional Plus (unit #4144).
PDX Turb #1.
PDX Grundfos -- controller set at 148 Hz.

Signature _____

Maul Foster & Alongi, Inc.

400 E. Mill Plain Blvd, Suite 400, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW17		
Project #	8006.31.05	Sampler	KRT		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/7/2016		
Sampling Event	September 2016	Sample Name	MW17-090716		
Sub Area		Sample Depth	32		
FSDS QA:	ENH 9/19/16	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/6/2016	16:02	33.25		12.41		20.84	3.4

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	2:24:00 PM	3.4	0.9	6.65	14	272.9	0.11	-21.6	0.99
	2:41:00 PM	6.8	0.85	6.69	14	276.4	0.06	-36.6	0.51
	2:53:00 PM	10.2	0.8	6.7	14	277.1	0.09	-43	0.59
Final Field Parameters	2:58:00 PM	11.5	0.8	6.71	13.9	276.7	0.09	-45	0.8

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.
Yellow suspended material up to approximately 1 to 2 millimeters in diameter was observed in the VOA vials.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	2:58:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Geotech rental YSI Professional Plus (unit #4144).
PDX Turb #1.
PDX P-PUMP LG #1.

Signature _____

Maul Foster & Alongi, Inc.

400 E. Mill Plain Blvd, Suite 400, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW18		
Project #	8006.31.05	Sampler	KRT		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/7/2016		
Sampling Event	September 2016	Sample Name	MW18-090716		
Sub Area		Sample Depth	42		
FSDS QA:	ENH 9/19/16	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/6/2016	15:57	43.16		35.04		8.12	1.32

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(3) Disposable Bailer									
Final Field Parameters	12:46:00 PM			6.15	15.8	201.2	3.93	232.9	1.53

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	12:35:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

9/6/2016 at 1824: Bailed dry at approximately 2.5 gallons.
 9/7/2016 at 1230: DTW = 35.15.
 Water quality data collected following sample collection using YSI parameter cup.
 Geotech rental YSI Professional Plus (unit #4144).
 PDX Turb #1.

Signature _____

Maul Foster & Alongi, Inc.

400 E. Mill Plain Blvd, Suite 400, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW19		
Project #	8006.31.05	Sampler	KRT / ENH		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/9/2016		
Sampling Event	September 2016	Sample Name	MW19-090916		
Sub Area		Sample Depth	62		
FSDS QA:	ENH 9/19/16	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/6/2016	15:50	63		37.82		25.18	4.1

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(1) Submersible Pump	1:48:00 PM	4.1	1.1	7	18.2	321.5	0.12	112	0.92
	1:59:00 PM	8.2	1.1	7.01	18.3	306.2	0.03	39.2	0.66
	2:14:00 PM	12.3	1.1	6.97	18.2	291.9	0.02	24.2	0.56
Final Field Parameters	2:19:00 PM	14.5	1.2	6.96	18.3	289.2	0.03	23.3	0.53

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	2:19:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

Geotech rental YSI Professional Plus (unit #4144).
 PDX Turb #1.
 PDX Grundfos -- controller set at 149 Hz.

Signature _____

Maul Foster & Alongi, Inc.

400 E. Mill Plain Blvd, Suite 400, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW20		
Project #	8006.31.05	Sampler	KRT		
Project Name	Park Laundry - Ridgefield	Sampling Date	9/7/2016		
Sampling Event	September 2016	Sample Name	MW20-090716		
Sub Area		Sample Depth	9		
FSDS QA:	ENH 9/19/16	Easting		Northing	
		TOC			

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/6/2016	17:18	9.67		3.79		5.88	0.96

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(3) Disposable Bailer									
Final Field Parameters	11:23:00 AM			6.67	21.7	235.3	2.56	208.9	40

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Slightly cloudy; slight yellow tint.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	11:05:00 AM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	5	

General Sampling Comments

9/6/2016 at 1739: Bailed dry at approximately 1.5 gallons.
 9/7/2016 at 1100: DTW = 5.25 and rising.
 Water quality data collected following sample collection using YSI parameter cup.
 Geotech rental YSI Professional Plus (unit #4144).
 PDX Turb #1.

Signature _____

Maul Foster & Alongi, Inc.

400 E. Mill Plain Blvd, Suite 400, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	MW21
Project #	8006.31.05	Sampler	KRT
Project Name	Park Laundry - Ridgefield	Sampling Date	9/8/2016
Sampling Event	September 2016	Sample Name	MW21-090816
Sub Area		Sample Depth	12
FSDS QA:	ENH 9/19/16	Easting	<input style="width: 50px;" type="text"/>
		Northing	<input style="width: 50px;" type="text"/>
		TOC	<input style="width: 50px;" type="text"/>

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume
9/6/2016	17:02	13.1		6.81		6.29	1.03

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
(2) Peristaltic Pump	11:18:00 AM	1.1	0.27	6.31	17.8	166.7	1.99	37.6	7
	11:38:00 AM	2.2	0.2	6.31	17.8	166.9	1.52	-32.1	2.1
	11:54:00 AM	3.3	0.27	6.32	17.7	167.9	1.31	-51.1	2.28
	11:59:00 AM	4	0.27	6.33	17.8	168.1	1.54	-49.8	1.82
Final Field Parameters	12:04:00 PM	4.5	0.27	6.32	17.8	168.4	1.69	-48.8	2.1

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
(3) Disposable Bailer	Groundwater	12:04:00 PM	VOA-Glass	5	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles		5

General Sampling Comments

Geotech rental YSI Professional Plus (unit #4133).
VANC Turb #2.
VANC P-PUMP SM #2.

Signature _____

Maul Foster & Alongi, Inc.

400 E. Mill Plain Blvd, Suite 400, Vancouver, WA 98660 (360) 694-2691 Fax. (360) 906-1958

Water Field Sampling Data Sheet

Client Name	URIC	Sample Location	TRIP BLANK		
Project #	8006.31.05	Sampler	KRT / ENH		
Project Name	Park Laundry - Ridgefield	Sampling Date			
Sampling Event	September 2016	Sample Name	TRIP BLANK		
Sub Area		Sample Depth			
FSDS QA:	ENH 9/19/16	Easting		Northing	
				TOC	

Hydrology/Level Measurements

Date	Time	DT-Bottom	DT-Product	DT-Water	(Product Thickness)	(Water Column)	(Gallons/ft x Water Column)
					DTP-DTW	DTB-DTW	Pore Volume

(0.75" = 0.023 gal/ft) (1" = 0.041 gal/ft) (1.5" = 0.092 gal/ft) (2" = 0.163 gal/ft) (3" = 0.367 gal/ft) (4" = 0.653 gal/ft) (6" = 1.469 gal/ft) (8" = 2.611 gal/ft)

Water Quality Data

Purge Method	Time	Purge Vol (gal)	Flowrate l/min	pH	Temp (C)	E Cond (uS/cm)	DO (mg/L)	ORP	Turbidity
Final Field Parameters									

Methods: (1) Submersible Pump (2) Peristaltic Pump (3) Disposable Bailer (4) Vacuum Pump (5) Dedicated Bailer (6) Inertia Pump (7) Other (specify)

Water Quality Observations:

Clear and colorless.

Sample Information

Sampling Method	Sample Type	Sampling Time	Container Code/Preservative	#	Filtered
			VOA-Glass	2	No
			Amber Glass		
			White Poly		
			Yellow Poly		
			Green Poly		
			Red Total Poly		
			Red Dissolved Poly		
			Total Bottles	2	

General Sampling Comments

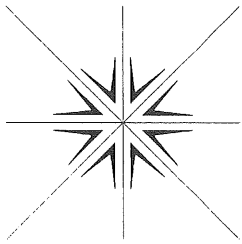
Trip blank was prepared by the laboratory and accompanied the groundwater samples during transportation.

Signature _____

APPENDIX D

LABORATORY REPORTS





Specialty Analytical

11711 SE Capps Road
Clackamas, OR 97015
(503) 607-1331
Fax (503) 607-1336

November 23, 2010

Alan Hughes
Maul, Foster & Alongi
7223 NE Hazel Dell Avenue
Suite B
Vancouver, WA 98665
TEL: (360) 694-2691
FAX: (360) 906-1958

RE: URIC / 8006.31.01
Dear Alan Hughes:

Order No.: 1003038

Specialty Analytical received 99 samples on 3/4/2010 for the analyses presented in the following report.

REVISED REPORT VERSION 2 . Please see case narrative for information on revision.

There were no problems with the analysis and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative, or as qualified with flags. Results apply only to the samples analyzed. Without approval of the laboratory, the reproduction of this report is only permitted in its entirety.


Cindy Hillyard
Project Manager


Technical Review

Specialty Analytical**Date:** 23-Nov-10

CLIENT: Maul, Foster & Alongi
Project: URIC / 8006.31.01
Lab Order: 1003038**CASE NARRATIVE**

Report Revision 2.

At the request of the client, the full list of compounds for EPA 8260B are reported.

Report Revision 1.

Per clients request, additional analysis was performed.

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-01

Client Sample ID: GP40-S-0.5
Collection Date: 3/1/2010 11:48:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
1,1,1-Trichloroethane	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
1,1,2,2-Tetrachloroethane	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
1,1,2-Trichloroethane	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
1,1-Dichloroethane	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
1,1-Dichloroethene	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
1,1-Dichloropropene	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
1,2,3-Trichlorobenzene	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
1,2,3-Trichloropropane	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
1,2,4-Trichlorobenzene	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
1,2,4-Trimethylbenzene	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
1,2-Dibromo-3-chloropropane	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
1,2-Dibromoethane	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
1,2-Dichlorobenzene	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
1,2-Dichloroethane	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
1,2-Dichloropropane	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
1,3,5-Trimethylbenzene	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
1,3-Dichlorobenzene	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
1,3-Dichloropropane	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
1,4-Dichlorobenzene	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
2,2-Dichloropropane	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
2-Butanone	ND	31.1		ug/Kg-dry	1	3/7/2010 5:05:00 PM
2-Chlorotoluene	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
2-Hexanone	ND	15.5		ug/Kg-dry	1	3/7/2010 5:05:00 PM
4-Chlorotoluene	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
4-Isopropyltoluene	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
4-Methyl-2-pentanone	ND	31.1		ug/Kg-dry	1	3/7/2010 5:05:00 PM
Acetone	130	77.7		ug/Kg-dry	1	3/7/2010 5:05:00 PM
Benzene	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
Bromobenzene	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
Bromochloromethane	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
Bromodichloromethane	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
Bromoform	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
Bromomethane	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
Carbon Disulfide	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
Carbon tetrachloride	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
Chlorobenzene	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
Chloroethane	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
Chloroform	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
Chloromethane	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
cis-1,2-Dichloroethene	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-01

Client Sample ID: GP40-S-0.5
Collection Date: 3/1/2010 11:48:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
Dibromochloromethane	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
Dibromomethane	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
Dichlorodifluoromethane	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
Ethylbenzene	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
Hexachlorobutadiene	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
Isopropylbenzene	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
m,p-Xylene	ND	15.5		ug/Kg-dry	1	3/7/2010 5:05:00 PM
Methyl tert-butyl ether	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
Methylene Chloride	ND	38.8		ug/Kg-dry	1	3/7/2010 5:05:00 PM
n-Butylbenzene	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
n-Propylbenzene	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
Naphthalene	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
o-Xylene	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
sec-Butylbenzene	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
Styrene	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
tert-Butylbenzene	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
Tetrachloroethene	13.3	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
Toluene	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
trans-1,2-Dichloroethene	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
trans-1,3-Dichloropropene	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
Trichloroethene	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
Trichlorofluoromethane	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
Vinyl Chloride	ND	7.77		ug/Kg-dry	1	3/7/2010 5:05:00 PM
Surr: 1,2-Dichloroethane-d4	112	71.5-112		%REC	1	3/7/2010 5:05:00 PM
Surr: 4-Bromofluorobenzene	91.8	75.7-122		%REC	1	3/7/2010 5:05:00 PM
Surr: Dibromofluoromethane	108	64.3-124		%REC	1	3/7/2010 5:05:00 PM
Surr: Toluene-d8	117	74.9-120		%REC	1	3/7/2010 5:05:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-02

Client Sample ID: GP40-S-2.5
Collection Date: 3/1/2010 11:54:00 AM
Matrix: SOIL

Analyses	Result	Limit Qual Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST		PER CLIENT		Analyst: knt
Hold	Hold		1	3/15/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-03

Client Sample ID: GP40-S-5.0
Collection Date: 3/1/2010 12:02:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
1,1,1-Trichloroethane	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
1,1,2,2-Tetrachloroethane	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
1,1,2-Trichloroethane	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
1,1-Dichloroethane	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
1,1-Dichloroethene	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
1,1-Dichloropropene	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
1,2,3-Trichlorobenzene	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
1,2,3-Trichloropropane	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
1,2,4-Trichlorobenzene	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
1,2,4-Trimethylbenzene	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
1,2-Dibromo-3-chloropropane	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
1,2-Dibromoethane	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
1,2-Dichlorobenzene	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
1,2-Dichloroethane	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
1,2-Dichloropropane	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
1,3,5-Trimethylbenzene	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
1,3-Dichlorobenzene	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
1,3-Dichloropropane	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
1,4-Dichlorobenzene	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
2,2-Dichloropropane	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
2-Butanone	ND	31.0		ug/Kg-dry	1	3/7/2010 5:40:00 PM
2-Chlorotoluene	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
2-Hexanone	ND	15.5		ug/Kg-dry	1	3/7/2010 5:40:00 PM
4-Chlorotoluene	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
4-Isopropyltoluene	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
4-Methyl-2-pentanone	ND	31.0		ug/Kg-dry	1	3/7/2010 5:40:00 PM
Acetone	ND	77.4		ug/Kg-dry	1	3/7/2010 5:40:00 PM
Benzene	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
Bromobenzene	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
Bromochloromethane	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
Bromodichloromethane	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
Bromoform	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
Bromomethane	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
Carbon Disulfide	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
Carbon tetrachloride	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
Chlorobenzene	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
Chloroethane	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
Chloroform	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
Chloromethane	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
cis-1,2-Dichloroethene	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-03

Client Sample ID: GP40-S-5.0
Collection Date: 3/1/2010 12:02:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
Dibromochloromethane	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
Dibromomethane	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
Dichlorodifluoromethane	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
Ethylbenzene	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
Hexachlorobutadiene	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
Isopropylbenzene	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
m,p-Xylene	ND	15.5		ug/Kg-dry	1	3/7/2010 5:40:00 PM
Methyl tert-butyl ether	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
Methylene Chloride	ND	38.7		ug/Kg-dry	1	3/7/2010 5:40:00 PM
n-Butylbenzene	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
n-Propylbenzene	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
Naphthalene	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
o-Xylene	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
sec-Butylbenzene	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
Styrene	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
tert-Butylbenzene	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
Tetrachloroethene	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
Toluene	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
trans-1,2-Dichloroethene	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
trans-1,3-Dichloropropene	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
Trichloroethene	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
Trichlorofluoromethane	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
Vinyl Chloride	ND	7.74		ug/Kg-dry	1	3/7/2010 5:40:00 PM
Surr: 1,2-Dichloroethane-d4	103	71.5-112		%REC	1	3/7/2010 5:40:00 PM
Surr: 4-Bromofluorobenzene	113	75.7-122		%REC	1	3/7/2010 5:40:00 PM
Surr: Dibromofluoromethane	101	64.3-124		%REC	1	3/7/2010 5:40:00 PM
Surr: Toluene-d8	107	74.9-120		%REC	1	3/7/2010 5:40:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: GP40-S-11.5

Lab Order: 1003038

Collection Date: 3/1/2010 12:08:00 PM

Project: URIC / 8006.31.01

Lab ID: 1003038-04

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
1,1,1-Trichloroethane	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
1,1,2,2-Tetrachloroethane	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
1,1,2-Trichloroethane	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
1,1-Dichloroethane	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
1,1-Dichloroethene	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
1,1-Dichloropropene	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
1,2,3-Trichlorobenzene	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
1,2,3-Trichloropropane	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
1,2,4-Trichlorobenzene	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
1,2,4-Trimethylbenzene	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
1,2-Dibromo-3-chloropropane	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
1,2-Dibromoethane	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
1,2-Dichlorobenzene	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
1,2-Dichloroethane	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
1,2-Dichloropropane	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
1,3,5-Trimethylbenzene	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
1,3-Dichlorobenzene	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
1,3-Dichloropropane	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
1,4-Dichlorobenzene	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
2,2-Dichloropropane	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
2-Butanone	ND	29.6		ug/Kg-dry	1	3/7/2010 6:14:00 PM
2-Chlorotoluene	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
2-Hexanone	ND	14.8		ug/Kg-dry	1	3/7/2010 6:14:00 PM
4-Chlorotoluene	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
4-Isopropyltoluene	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
4-Methyl-2-pentanone	ND	29.6		ug/Kg-dry	1	3/7/2010 6:14:00 PM
Acetone	ND	74.1		ug/Kg-dry	1	3/7/2010 6:14:00 PM
Benzene	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
Bromobenzene	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
Bromochloromethane	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
Bromodichloromethane	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
Bromoform	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
Bromomethane	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
Carbon Disulfide	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
Carbon tetrachloride	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
Chlorobenzene	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
Chloroethane	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
Chloroform	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
Chloromethane	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
cis-1,2-Dichloroethene	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-04

Client Sample ID: GP40-S-11.5
Collection Date: 3/1/2010 12:08:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
Dibromochloromethane	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
Dibromomethane	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
Dichlorodifluoromethane	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
Ethylbenzene	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
Hexachlorobutadiene	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
Isopropylbenzene	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
m,p-Xylene	ND	14.8		ug/Kg-dry	1	3/7/2010 6:14:00 PM
Methyl tert-butyl ether	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
Methylene Chloride	ND	37.0		ug/Kg-dry	1	3/7/2010 6:14:00 PM
n-Butylbenzene	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
n-Propylbenzene	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
Naphthalene	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
o-Xylene	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
sec-Butylbenzene	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
Styrene	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
tert-Butylbenzene	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
Tetrachloroethene	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
Toluene	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
trans-1,2-Dichloroethene	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
trans-1,3-Dichloropropene	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
Trichloroethene	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
Trichlorofluoromethane	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
Vinyl Chloride	ND	7.41		ug/Kg-dry	1	3/7/2010 6:14:00 PM
Surr: 1,2-Dichloroethane-d4	101	71.5-112		%REC	1	3/7/2010 6:14:00 PM
Surr: 4-Bromofluorobenzene	107	75.7-122		%REC	1	3/7/2010 6:14:00 PM
Surr: Dibromofluoromethane	101	64.3-124		%REC	1	3/7/2010 6:14:00 PM
Surr: Toluene-d8	108	74.9-120		%REC	1	3/7/2010 6:14:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-05

Client Sample ID: GP44-S-0.5
Collection Date: 3/1/2010 12:37:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
1,1,1-Trichloroethane	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
1,1,2,2-Tetrachloroethane	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
1,1,2-Trichloroethane	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
1,1-Dichloroethane	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
1,1-Dichloroethene	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
1,1-Dichloropropene	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
1,2,3-Trichlorobenzene	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
1,2,3-Trichloropropane	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
1,2,4-Trichlorobenzene	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
1,2,4-Trimethylbenzene	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
1,2-Dibromo-3-chloropropane	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
1,2-Dibromoethane	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
1,2-Dichlorobenzene	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
1,2-Dichloroethane	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
1,2-Dichloropropane	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
1,3,5-Trimethylbenzene	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
1,3-Dichlorobenzene	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
1,3-Dichloropropane	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
1,4-Dichlorobenzene	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
2,2-Dichloropropane	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
2-Butanone	ND	27.6		ug/Kg-dry	1	3/7/2010 6:48:00 PM
2-Chlorotoluene	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
2-Hexanone	ND	13.8		ug/Kg-dry	1	3/7/2010 6:48:00 PM
4-Chlorotoluene	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
4-Isopropyltoluene	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
4-Methyl-2-pentanone	ND	27.6		ug/Kg-dry	1	3/7/2010 6:48:00 PM
Acetone	ND	68.9		ug/Kg-dry	1	3/7/2010 6:48:00 PM
Benzene	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
Bromobenzene	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
Bromochloromethane	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
Bromodichloromethane	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
Bromoform	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
Bromomethane	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
Carbon Disulfide	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
Carbon tetrachloride	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
Chlorobenzene	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
Chloroethane	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
Chloroform	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
Chloromethane	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
cis-1,2-Dichloroethene	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-05

Client Sample ID: GP44-S-0.5
Collection Date: 3/1/2010 12:37:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
Dibromochloromethane	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
Dibromomethane	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
Dichlorodifluoromethane	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
Ethylbenzene	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
Hexachlorobutadiene	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
Isopropylbenzene	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
m,p-Xylene	ND	13.8		ug/Kg-dry	1	3/7/2010 6:48:00 PM
Methyl tert-butyl ether	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
Methylene Chloride	ND	34.4		ug/Kg-dry	1	3/7/2010 6:48:00 PM
n-Butylbenzene	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
n-Propylbenzene	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
Naphthalene	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
o-Xylene	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
sec-Butylbenzene	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
Styrene	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
tert-Butylbenzene	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
Tetrachloroethene	54.0	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
Toluene	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
trans-1,2-Dichloroethene	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
trans-1,3-Dichloropropene	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
Trichloroethene	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
Trichlorofluoromethane	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
Vinyl Chloride	ND	6.89		ug/Kg-dry	1	3/7/2010 6:48:00 PM
Surr: 1,2-Dichloroethane-d4	115	71.5-112	S	%REC	1	3/7/2010 6:48:00 PM
Surr: 4-Bromofluorobenzene	102	75.7-122		%REC	1	3/7/2010 6:48:00 PM
Surr: Dibromofluoromethane	106	64.3-124		%REC	1	3/7/2010 6:48:00 PM
Surr: Toluene-d8	116	74.9-120		%REC	1	3/7/2010 6:48:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-06

Client Sample ID: GP44-S-2.5
Collection Date: 3/1/2010 12:42:00 PM
Matrix: SOIL

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST		PER CLIENT			Analyst: knt
Hold	Hold			1	3/15/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-07

Client Sample ID: GP44-S-5.0
Collection Date: 3/1/2010 12:47:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
1,1,1-Trichloroethane	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
1,1,2,2-Tetrachloroethane	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
1,1,2-Trichloroethane	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
1,1-Dichloroethane	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
1,1-Dichloroethene	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
1,1-Dichloropropene	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
1,2,3-Trichlorobenzene	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
1,2,3-Trichloropropane	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
1,2,4-Trichlorobenzene	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
1,2,4-Trimethylbenzene	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
1,2-Dibromo-3-chloropropane	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
1,2-Dibromoethane	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
1,2-Dichlorobenzene	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
1,2-Dichloroethane	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
1,2-Dichloropropane	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
1,3,5-Trimethylbenzene	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
1,3-Dichlorobenzene	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
1,3-Dichloropropane	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
1,4-Dichlorobenzene	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
2,2-Dichloropropane	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
2-Butanone	ND	32.5		ug/Kg-dry	1	3/7/2010 7:23:00 PM
2-Chlorotoluene	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
2-Hexanone	ND	16.2		ug/Kg-dry	1	3/7/2010 7:23:00 PM
4-Chlorotoluene	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
4-Isopropyltoluene	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
4-Methyl-2-pentanone	ND	32.5		ug/Kg-dry	1	3/7/2010 7:23:00 PM
Acetone	ND	81.1		ug/Kg-dry	1	3/7/2010 7:23:00 PM
Benzene	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
Bromobenzene	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
Bromochloromethane	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
Bromodichloromethane	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
Bromoform	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
Bromomethane	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
Carbon Disulfide	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
Carbon tetrachloride	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
Chlorobenzene	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
Chloroethane	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
Chloroform	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
Chloromethane	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
cis-1,2-Dichloroethene	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-07

Client Sample ID: GP44-S-5.0
Collection Date: 3/1/2010 12:47:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
Dibromochloromethane	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
Dibromomethane	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
Dichlorodifluoromethane	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
Ethylbenzene	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
Hexachlorobutadiene	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
Isopropylbenzene	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
m,p-Xylene	ND	16.2		ug/Kg-dry	1	3/7/2010 7:23:00 PM
Methyl tert-butyl ether	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
Methylene Chloride	ND	40.6		ug/Kg-dry	1	3/7/2010 7:23:00 PM
n-Butylbenzene	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
n-Propylbenzene	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
Naphthalene	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
o-Xylene	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
sec-Butylbenzene	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
Styrene	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
tert-Butylbenzene	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
Tetrachloroethene	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
Toluene	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
trans-1,2-Dichloroethene	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
trans-1,3-Dichloropropene	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
Trichloroethene	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
Trichlorofluoromethane	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
Vinyl Chloride	ND	8.11		ug/Kg-dry	1	3/7/2010 7:23:00 PM
Surr: 1,2-Dichloroethane-d4	105	71.5-112		%REC	1	3/7/2010 7:23:00 PM
Surr: 4-Bromofluorobenzene	115	75.7-122		%REC	1	3/7/2010 7:23:00 PM
Surr: Dibromofluoromethane	101	64.3-124		%REC	1	3/7/2010 7:23:00 PM
Surr: Toluene-d8	107	74.9-120		%REC	1	3/7/2010 7:23:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-08

Client Sample ID: GP44-S-13.0
Collection Date: 3/1/2010 12:52:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
1,1,1-Trichloroethane	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
1,1,2,2-Tetrachloroethane	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
1,1,2-Trichloroethane	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
1,1-Dichloroethane	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
1,1-Dichloroethene	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
1,1-Dichloropropene	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
1,2,3-Trichlorobenzene	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
1,2,3-Trichloropropane	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
1,2,4-Trichlorobenzene	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
1,2,4-Trimethylbenzene	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
1,2-Dibromo-3-chloropropane	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
1,2-Dibromoethane	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
1,2-Dichlorobenzene	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
1,2-Dichloroethane	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
1,2-Dichloropropane	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
1,3,5-Trimethylbenzene	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
1,3-Dichlorobenzene	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
1,3-Dichloropropane	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
1,4-Dichlorobenzene	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
2,2-Dichloropropane	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
2-Butanone	ND	31.4		ug/Kg-dry	1	3/7/2010 7:58:00 PM
2-Chlorotoluene	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
2-Hexanone	ND	15.7		ug/Kg-dry	1	3/7/2010 7:58:00 PM
4-Chlorotoluene	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
4-Isopropyltoluene	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
4-Methyl-2-pentanone	ND	31.4		ug/Kg-dry	1	3/7/2010 7:58:00 PM
Acetone	ND	78.6		ug/Kg-dry	1	3/7/2010 7:58:00 PM
Benzene	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
Bromobenzene	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
Bromochloromethane	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
Bromodichloromethane	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
Bromoform	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
Bromomethane	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
Carbon Disulfide	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
Carbon tetrachloride	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
Chlorobenzene	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
Chloroethane	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
Chloroform	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
Chloromethane	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
cis-1,2-Dichloroethene	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-08

Client Sample ID: GP44-S-13.0
Collection Date: 3/1/2010 12:52:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
Dibromochloromethane	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
Dibromomethane	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
Dichlorodifluoromethane	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
Ethylbenzene	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
Hexachlorobutadiene	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
Isopropylbenzene	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
m,p-Xylene	ND	15.7		ug/Kg-dry	1	3/7/2010 7:58:00 PM
Methyl tert-butyl ether	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
Methylene Chloride	ND	39.3		ug/Kg-dry	1	3/7/2010 7:58:00 PM
n-Butylbenzene	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
n-Propylbenzene	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
Naphthalene	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
o-Xylene	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
sec-Butylbenzene	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
Styrene	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
tert-Butylbenzene	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
Tetrachloroethene	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
Toluene	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
trans-1,2-Dichloroethene	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
trans-1,3-Dichloropropene	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
Trichloroethene	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
Trichlorofluoromethane	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
Vinyl Chloride	ND	7.86		ug/Kg-dry	1	3/7/2010 7:58:00 PM
Surr: 1,2-Dichloroethane-d4	113	71.5-112	S	%REC	1	3/7/2010 7:58:00 PM
Surr: 4-Bromofluorobenzene	104	75.7-122		%REC	1	3/7/2010 7:58:00 PM
Surr: Dibromofluoromethane	102	64.3-124		%REC	1	3/7/2010 7:58:00 PM
Surr: Toluene-d8	118	74.9-120		%REC	1	3/7/2010 7:58:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-09

Client Sample ID: GP41-S-0.5
Collection Date: 3/1/2010 1:24:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
1,1,1-Trichloroethane	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
1,1,2,2-Tetrachloroethane	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
1,1,2-Trichloroethane	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
1,1-Dichloroethane	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
1,1-Dichloroethene	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
1,1-Dichloropropene	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
1,2,3-Trichlorobenzene	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
1,2,3-Trichloropropane	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
1,2,4-Trichlorobenzene	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
1,2,4-Trimethylbenzene	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
1,2-Dibromo-3-chloropropane	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
1,2-Dibromoethane	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
1,2-Dichlorobenzene	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
1,2-Dichloroethane	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
1,2-Dichloropropane	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
1,3,5-Trimethylbenzene	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
1,3-Dichlorobenzene	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
1,3-Dichloropropane	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
1,4-Dichlorobenzene	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
2,2-Dichloropropane	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
2-Butanone	ND	28.1		ug/Kg-dry	1	3/7/2010 8:33:00 PM
2-Chlorotoluene	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
2-Hexanone	ND	14.1		ug/Kg-dry	1	3/7/2010 8:33:00 PM
4-Chlorotoluene	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
4-Isopropyltoluene	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
4-Methyl-2-pentanone	ND	28.1		ug/Kg-dry	1	3/7/2010 8:33:00 PM
Acetone	76.4	70.3		ug/Kg-dry	1	3/7/2010 8:33:00 PM
Benzene	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
Bromobenzene	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
Bromochloromethane	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
Bromodichloromethane	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
Bromoform	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
Bromomethane	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
Carbon Disulfide	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
Carbon tetrachloride	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
Chlorobenzene	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
Chloroethane	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
Chloroform	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
Chloromethane	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
cis-1,2-Dichloroethene	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-09

Client Sample ID: GP41-S-0.5
Collection Date: 3/1/2010 1:24:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
Dibromochloromethane	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
Dibromomethane	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
Dichlorodifluoromethane	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
Ethylbenzene	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
Hexachlorobutadiene	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
Isopropylbenzene	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
m,p-Xylene	ND	14.1		ug/Kg-dry	1	3/7/2010 8:33:00 PM
Methyl tert-butyl ether	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
Methylene Chloride	ND	35.2		ug/Kg-dry	1	3/7/2010 8:33:00 PM
n-Butylbenzene	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
n-Propylbenzene	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
Naphthalene	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
o-Xylene	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
sec-Butylbenzene	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
Styrene	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
tert-Butylbenzene	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
Tetrachloroethene	7.94	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
Toluene	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
trans-1,2-Dichloroethene	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
trans-1,3-Dichloropropene	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
Trichloroethene	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
Trichlorofluoromethane	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
Vinyl Chloride	ND	7.03		ug/Kg-dry	1	3/7/2010 8:33:00 PM
Surr: 1,2-Dichloroethane-d4	116	71.5-112	S	%REC	1	3/7/2010 8:33:00 PM
Surr: 4-Bromofluorobenzene	103	75.7-122		%REC	1	3/7/2010 8:33:00 PM
Surr: Dibromofluoromethane	104	64.3-124		%REC	1	3/7/2010 8:33:00 PM
Surr: Toluene-d8	122	74.9-120	S	%REC	1	3/7/2010 8:33:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-10

Client Sample ID: GP41-S-2.5
Collection Date: 3/1/2010 1:28:00 PM
Matrix: SOIL

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST		PER CLIENT			Analyst: knt
Hold	Hold			1	3/15/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: GP41-S-5.0

Lab Order: 1003038

Collection Date: 3/1/2010 1:32:00 PM

Project: URIC / 8006.31.01

Lab ID: 1003038-11

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
1,1,1-Trichloroethane	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
1,1,2,2-Tetrachloroethane	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
1,1,2-Trichloroethane	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
1,1-Dichloroethane	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
1,1-Dichloroethene	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
1,1-Dichloropropene	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
1,2,3-Trichlorobenzene	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
1,2,3-Trichloropropane	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
1,2,4-Trichlorobenzene	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
1,2,4-Trimethylbenzene	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
1,2-Dibromo-3-chloropropane	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
1,2-Dibromoethane	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
1,2-Dichlorobenzene	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
1,2-Dichloroethane	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
1,2-Dichloropropane	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
1,3,5-Trimethylbenzene	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
1,3-Dichlorobenzene	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
1,3-Dichloropropane	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
1,4-Dichlorobenzene	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
2,2-Dichloropropane	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
2-Butanone	ND	33.0		ug/Kg-dry	1	3/7/2010 9:08:00 PM
2-Chlorotoluene	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
2-Hexanone	ND	16.5		ug/Kg-dry	1	3/7/2010 9:08:00 PM
4-Chlorotoluene	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
4-Isopropyltoluene	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
4-Methyl-2-pentanone	ND	33.0		ug/Kg-dry	1	3/7/2010 9:08:00 PM
Acetone	ND	82.5		ug/Kg-dry	1	3/7/2010 9:08:00 PM
Benzene	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
Bromobenzene	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
Bromochloromethane	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
Bromodichloromethane	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
Bromoform	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
Bromomethane	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
Carbon Disulfide	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
Carbon tetrachloride	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
Chlorobenzene	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
Chloroethane	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
Chloroform	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
Chloromethane	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
cis-1,2-Dichloroethene	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-11

Client Sample ID: GP41-S-5.0
Collection Date: 3/1/2010 1:32:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
Dibromochloromethane	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
Dibromomethane	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
Dichlorodifluoromethane	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
Ethylbenzene	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
Hexachlorobutadiene	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
Isopropylbenzene	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
m,p-Xylene	ND	16.5		ug/Kg-dry	1	3/7/2010 9:08:00 PM
Methyl tert-butyl ether	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
Methylene Chloride	ND	41.2		ug/Kg-dry	1	3/7/2010 9:08:00 PM
n-Butylbenzene	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
n-Propylbenzene	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
Naphthalene	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
o-Xylene	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
sec-Butylbenzene	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
Styrene	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
tert-Butylbenzene	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
Tetrachloroethene	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
Toluene	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
trans-1,2-Dichloroethene	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
trans-1,3-Dichloropropene	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
Trichloroethene	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
Trichlorofluoromethane	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
Vinyl Chloride	ND	8.25		ug/Kg-dry	1	3/7/2010 9:08:00 PM
Surr: 1,2-Dichloroethane-d4	115	71.5-112	S	%REC	1	3/7/2010 9:08:00 PM
Surr: 4-Bromofluorobenzene	106	75.7-122		%REC	1	3/7/2010 9:08:00 PM
Surr: Dibromofluoromethane	101	64.3-124		%REC	1	3/7/2010 9:08:00 PM
Surr: Toluene-d8	116	74.9-120		%REC	1	3/7/2010 9:08:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: GP41-S-12.5

Lab Order: 1003038

Collection Date: 3/1/2010 1:39:00 PM

Project: URIC / 8006.31.01

Lab ID: 1003038-12

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
1,1,1-Trichloroethane	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
1,1,2,2-Tetrachloroethane	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
1,1,2-Trichloroethane	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
1,1-Dichloroethane	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
1,1-Dichloroethene	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
1,1-Dichloropropene	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
1,2,3-Trichlorobenzene	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
1,2,3-Trichloropropane	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
1,2,4-Trichlorobenzene	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
1,2,4-Trimethylbenzene	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
1,2-Dibromo-3-chloropropane	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
1,2-Dibromoethane	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
1,2-Dichlorobenzene	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
1,2-Dichloroethane	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
1,2-Dichloropropane	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
1,3,5-Trimethylbenzene	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
1,3-Dichlorobenzene	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
1,3-Dichloropropane	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
1,4-Dichlorobenzene	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
2,2-Dichloropropane	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
2-Butanone	ND	27.9		ug/Kg-dry	1	3/7/2010 9:43:00 PM
2-Chlorotoluene	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
2-Hexanone	ND	13.9		ug/Kg-dry	1	3/7/2010 9:43:00 PM
4-Chlorotoluene	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
4-Isopropyltoluene	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
4-Methyl-2-pentanone	ND	27.9		ug/Kg-dry	1	3/7/2010 9:43:00 PM
Acetone	ND	69.7		ug/Kg-dry	1	3/7/2010 9:43:00 PM
Benzene	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
Bromobenzene	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
Bromochloromethane	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
Bromodichloromethane	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
Bromoform	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
Bromomethane	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
Carbon Disulfide	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
Carbon tetrachloride	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
Chlorobenzene	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
Chloroethane	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
Chloroform	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
Chloromethane	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
cis-1,2-Dichloroethene	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-12

Client Sample ID: GP41-S-12.5
Collection Date: 3/1/2010 1:39:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
Dibromochloromethane	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
Dibromomethane	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
Dichlorodifluoromethane	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
Ethylbenzene	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
Hexachlorobutadiene	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
Isopropylbenzene	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
m,p-Xylene	ND	13.9		ug/Kg-dry	1	3/7/2010 9:43:00 PM
Methyl tert-butyl ether	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
Methylene Chloride	ND	34.9		ug/Kg-dry	1	3/7/2010 9:43:00 PM
n-Butylbenzene	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
n-Propylbenzene	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
Naphthalene	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
o-Xylene	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
sec-Butylbenzene	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
Styrene	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
tert-Butylbenzene	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
Tetrachloroethene	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
Toluene	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
trans-1,2-Dichloroethene	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
trans-1,3-Dichloropropene	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
Trichloroethene	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
Trichlorofluoromethane	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
Vinyl Chloride	ND	6.97		ug/Kg-dry	1	3/7/2010 9:43:00 PM
Surr: 1,2-Dichloroethane-d4	115	71.5-112	S	%REC	1	3/7/2010 9:43:00 PM
Surr: 4-Bromofluorobenzene	104	75.7-122		%REC	1	3/7/2010 9:43:00 PM
Surr: Dibromofluoromethane	102	64.3-124		%REC	1	3/7/2010 9:43:00 PM
Surr: Toluene-d8	119	74.9-120		%REC	1	3/7/2010 9:43:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-13

Client Sample ID: GP45-S-0.5
Collection Date: 3/1/2010 2:00:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
1,1,1-Trichloroethane	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
1,1,2,2-Tetrachloroethane	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
1,1,2-Trichloroethane	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
1,1-Dichloroethane	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
1,1-Dichloroethene	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
1,1-Dichloropropene	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
1,2,3-Trichlorobenzene	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
1,2,3-Trichloropropane	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
1,2,4-Trichlorobenzene	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
1,2,4-Trimethylbenzene	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
1,2-Dibromo-3-chloropropane	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
1,2-Dibromoethane	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
1,2-Dichlorobenzene	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
1,2-Dichloroethane	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
1,2-Dichloropropane	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
1,3,5-Trimethylbenzene	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
1,3-Dichlorobenzene	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
1,3-Dichloropropane	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
1,4-Dichlorobenzene	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
2,2-Dichloropropane	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
2-Butanone	ND	32.9		ug/Kg-dry	1	3/7/2010 10:19:00 PM
2-Chlorotoluene	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
2-Hexanone	ND	16.4		ug/Kg-dry	1	3/7/2010 10:19:00 PM
4-Chlorotoluene	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
4-Isopropyltoluene	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
4-Methyl-2-pentanone	ND	32.9		ug/Kg-dry	1	3/7/2010 10:19:00 PM
Acetone	87.4	82.2		ug/Kg-dry	1	3/7/2010 10:19:00 PM
Benzene	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
Bromobenzene	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
Bromochloromethane	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
Bromodichloromethane	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
Bromoform	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
Bromomethane	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
Carbon Disulfide	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
Carbon tetrachloride	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
Chlorobenzene	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
Chloroethane	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
Chloroform	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
Chloromethane	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
cis-1,2-Dichloroethene	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-13

Client Sample ID: GP45-S-0.5
Collection Date: 3/1/2010 2:00:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
Dibromochloromethane	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
Dibromomethane	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
Dichlorodifluoromethane	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
Ethylbenzene	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
Hexachlorobutadiene	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
Isopropylbenzene	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
m,p-Xylene	ND	16.4		ug/Kg-dry	1	3/7/2010 10:19:00 PM
Methyl tert-butyl ether	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
Methylene Chloride	ND	41.1		ug/Kg-dry	1	3/7/2010 10:19:00 PM
n-Butylbenzene	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
n-Propylbenzene	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
Naphthalene	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
o-Xylene	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
sec-Butylbenzene	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
Styrene	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
tert-Butylbenzene	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
Tetrachloroethene	109	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
Toluene	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
trans-1,2-Dichloroethene	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
trans-1,3-Dichloropropene	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
Trichloroethene	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
Trichlorofluoromethane	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
Vinyl Chloride	ND	8.22		ug/Kg-dry	1	3/7/2010 10:19:00 PM
Surr: 1,2-Dichloroethane-d4	119	71.5-112	S	%REC	1	3/7/2010 10:19:00 PM
Surr: 4-Bromofluorobenzene	106	75.7-122		%REC	1	3/7/2010 10:19:00 PM
Surr: Dibromofluoromethane	106	64.3-124		%REC	1	3/7/2010 10:19:00 PM
Surr: Toluene-d8	119	74.9-120		%REC	1	3/7/2010 10:19:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: GP45-S-2.5

Lab Order: 1003038

Collection Date: 3/1/2010 2:06:00 PM

Project: URIC / 8006.31.01

Lab ID: 1003038-14

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/15/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-15

Client Sample ID: GP45-S-5.0
Collection Date: 3/1/2010 2:10:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
1,1,1-Trichloroethane	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
1,1,2,2-Tetrachloroethane	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
1,1,2-Trichloroethane	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
1,1-Dichloroethane	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
1,1-Dichloroethene	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
1,1-Dichloropropene	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
1,2,3-Trichlorobenzene	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
1,2,3-Trichloropropane	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
1,2,4-Trichlorobenzene	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
1,2,4-Trimethylbenzene	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
1,2-Dibromo-3-chloropropane	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
1,2-Dibromoethane	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
1,2-Dichlorobenzene	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
1,2-Dichloroethane	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
1,2-Dichloropropane	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
1,3,5-Trimethylbenzene	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
1,3-Dichlorobenzene	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
1,3-Dichloropropane	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
1,4-Dichlorobenzene	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
2,2-Dichloropropane	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
2-Butanone	ND	27.6		ug/Kg-dry	1	3/7/2010 10:52:00 PM
2-Chlorotoluene	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
2-Hexanone	ND	13.8		ug/Kg-dry	1	3/7/2010 10:52:00 PM
4-Chlorotoluene	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
4-Isopropyltoluene	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
4-Methyl-2-pentanone	ND	27.6		ug/Kg-dry	1	3/7/2010 10:52:00 PM
Acetone	ND	69.1		ug/Kg-dry	1	3/7/2010 10:52:00 PM
Benzene	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
Bromobenzene	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
Bromochloromethane	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
Bromodichloromethane	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
Bromoform	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
Bromomethane	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
Carbon Disulfide	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
Carbon tetrachloride	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
Chlorobenzene	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
Chloroethane	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
Chloroform	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
Chloromethane	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
cis-1,2-Dichloroethene	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-15

Client Sample ID: GP45-S-5.0
Collection Date: 3/1/2010 2:10:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
Dibromochloromethane	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
Dibromomethane	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
Dichlorodifluoromethane	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
Ethylbenzene	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
Hexachlorobutadiene	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
Isopropylbenzene	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
m,p-Xylene	ND	13.8		ug/Kg-dry	1	3/7/2010 10:52:00 PM
Methyl tert-butyl ether	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
Methylene Chloride	ND	34.5		ug/Kg-dry	1	3/7/2010 10:52:00 PM
n-Butylbenzene	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
n-Propylbenzene	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
Naphthalene	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
o-Xylene	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
sec-Butylbenzene	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
Styrene	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
tert-Butylbenzene	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
Tetrachloroethene	8.58	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
Toluene	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
trans-1,2-Dichloroethene	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
trans-1,3-Dichloropropene	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
Trichloroethene	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
Trichlorofluoromethane	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
Vinyl Chloride	ND	6.91		ug/Kg-dry	1	3/7/2010 10:52:00 PM
Surr: 1,2-Dichloroethane-d4	115	71.5-112	S	%REC	1	3/7/2010 10:52:00 PM
Surr: 4-Bromofluorobenzene	108	75.7-122		%REC	1	3/7/2010 10:52:00 PM
Surr: Dibromofluoromethane	102	64.3-124		%REC	1	3/7/2010 10:52:00 PM
Surr: Toluene-d8	118	74.9-120		%REC	1	3/7/2010 10:52:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-16

Client Sample ID: GP45-S-12.5
Collection Date: 3/1/2010 4:07:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
1,1,1-Trichloroethane	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
1,1,2,2-Tetrachloroethane	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
1,1,2-Trichloroethane	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
1,1-Dichloroethane	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
1,1-Dichloroethene	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
1,1-Dichloropropene	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
1,2,3-Trichlorobenzene	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
1,2,3-Trichloropropane	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
1,2,4-Trichlorobenzene	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
1,2,4-Trimethylbenzene	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
1,2-Dibromo-3-chloropropane	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
1,2-Dibromoethane	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
1,2-Dichlorobenzene	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
1,2-Dichloroethane	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
1,2-Dichloropropane	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
1,3,5-Trimethylbenzene	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
1,3-Dichlorobenzene	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
1,3-Dichloropropane	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
1,4-Dichlorobenzene	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
2,2-Dichloropropane	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
2-Butanone	ND	30.6		ug/Kg-dry	1	3/7/2010 11:28:00 PM
2-Chlorotoluene	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
2-Hexanone	ND	15.3		ug/Kg-dry	1	3/7/2010 11:28:00 PM
4-Chlorotoluene	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
4-Isopropyltoluene	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
4-Methyl-2-pentanone	ND	30.6		ug/Kg-dry	1	3/7/2010 11:28:00 PM
Acetone	ND	76.5		ug/Kg-dry	1	3/7/2010 11:28:00 PM
Benzene	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
Bromobenzene	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
Bromochloromethane	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
Bromodichloromethane	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
Bromoform	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
Bromomethane	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
Carbon Disulfide	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
Carbon tetrachloride	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
Chlorobenzene	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
Chloroethane	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
Chloroform	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
Chloromethane	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
cis-1,2-Dichloroethene	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-16

Client Sample ID: GP45-S-12.5
Collection Date: 3/1/2010 4:07:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
Dibromochloromethane	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
Dibromomethane	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
Dichlorodifluoromethane	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
Ethylbenzene	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
Hexachlorobutadiene	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
Isopropylbenzene	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
m,p-Xylene	ND	15.3		ug/Kg-dry	1	3/7/2010 11:28:00 PM
Methyl tert-butyl ether	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
Methylene Chloride	ND	38.2		ug/Kg-dry	1	3/7/2010 11:28:00 PM
n-Butylbenzene	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
n-Propylbenzene	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
Naphthalene	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
o-Xylene	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
sec-Butylbenzene	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
Styrene	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
tert-Butylbenzene	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
Tetrachloroethene	12.9	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
Toluene	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
trans-1,2-Dichloroethene	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
trans-1,3-Dichloropropene	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
Trichloroethene	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
Trichlorofluoromethane	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
Vinyl Chloride	ND	7.65		ug/Kg-dry	1	3/7/2010 11:28:00 PM
Surr: 1,2-Dichloroethane-d4	114	71.5-112	S	%REC	1	3/7/2010 11:28:00 PM
Surr: 4-Bromofluorobenzene	114	75.7-122		%REC	1	3/7/2010 11:28:00 PM
Surr: Dibromofluoromethane	101	64.3-124		%REC	1	3/7/2010 11:28:00 PM
Surr: Toluene-d8	118	74.9-120		%REC	1	3/7/2010 11:28:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-17

Client Sample ID: GP50-S-0.5
Collection Date: 3/1/2010 2:40:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
1,1,1-Trichloroethane	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
1,1,2,2-Tetrachloroethane	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
1,1,2-Trichloroethane	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
1,1-Dichloroethane	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
1,1-Dichloroethene	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
1,1-Dichloropropene	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
1,2,3-Trichlorobenzene	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
1,2,3-Trichloropropane	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
1,2,4-Trichlorobenzene	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
1,2,4-Trimethylbenzene	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
1,2-Dibromo-3-chloropropane	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
1,2-Dibromoethane	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
1,2-Dichlorobenzene	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
1,2-Dichloroethane	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
1,2-Dichloropropane	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
1,3,5-Trimethylbenzene	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
1,3-Dichlorobenzene	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
1,3-Dichloropropane	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
1,4-Dichlorobenzene	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
2,2-Dichloropropane	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
2-Butanone	ND	34.7		ug/Kg-dry	1	3/8/2010 12:03:00 AM
2-Chlorotoluene	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
2-Hexanone	ND	17.4		ug/Kg-dry	1	3/8/2010 12:03:00 AM
4-Chlorotoluene	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
4-Isopropyltoluene	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
4-Methyl-2-pentanone	ND	34.7		ug/Kg-dry	1	3/8/2010 12:03:00 AM
Acetone	88.9	86.9		ug/Kg-dry	1	3/8/2010 12:03:00 AM
Benzene	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
Bromobenzene	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
Bromochloromethane	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
Bromodichloromethane	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
Bromoform	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
Bromomethane	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
Carbon Disulfide	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
Carbon tetrachloride	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
Chlorobenzene	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
Chloroethane	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
Chloroform	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
Chloromethane	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
cis-1,2-Dichloroethene	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-17

Client Sample ID: GP50-S-0.5
Collection Date: 3/1/2010 2:40:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
Dibromochloromethane	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
Dibromomethane	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
Dichlorodifluoromethane	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
Ethylbenzene	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
Hexachlorobutadiene	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
Isopropylbenzene	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
m,p-Xylene	ND	17.4		ug/Kg-dry	1	3/8/2010 12:03:00 AM
Methyl tert-butyl ether	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
Methylene Chloride	ND	43.4		ug/Kg-dry	1	3/8/2010 12:03:00 AM
n-Butylbenzene	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
n-Propylbenzene	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
Naphthalene	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
o-Xylene	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
sec-Butylbenzene	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
Styrene	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
tert-Butylbenzene	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
Tetrachloroethene	49.3	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
Toluene	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
trans-1,2-Dichloroethene	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
trans-1,3-Dichloropropene	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
Trichloroethene	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
Trichlorofluoromethane	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
Vinyl Chloride	ND	8.69		ug/Kg-dry	1	3/8/2010 12:03:00 AM
Surr: 1,2-Dichloroethane-d4	112	71.5-112	S	%REC	1	3/8/2010 12:03:00 AM
Surr: 4-Bromofluorobenzene	100	75.7-122		%REC	1	3/8/2010 12:03:00 AM
Surr: Dibromofluoromethane	102	64.3-124		%REC	1	3/8/2010 12:03:00 AM
Surr: Toluene-d8	123	74.9-120	S	%REC	1	3/8/2010 12:03:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: GP50-S-2.5

Lab Order: 1003038

Collection Date: 3/1/2010 2:45:00 PM

Project: URIC / 8006.31.01

Lab ID: 1003038-18

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/15/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-19

Client Sample ID: GP50-S-5.0
Collection Date: 3/1/2010 2:49:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
1,1,1-Trichloroethane	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
1,1,2,2-Tetrachloroethane	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
1,1,2-Trichloroethane	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
1,1-Dichloroethane	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
1,1-Dichloroethene	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
1,1-Dichloropropene	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
1,2,3-Trichlorobenzene	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
1,2,3-Trichloropropane	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
1,2,4-Trichlorobenzene	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
1,2,4-Trimethylbenzene	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
1,2-Dibromo-3-chloropropane	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
1,2-Dibromoethane	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
1,2-Dichlorobenzene	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
1,2-Dichloroethane	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
1,2-Dichloropropane	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
1,3,5-Trimethylbenzene	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
1,3-Dichlorobenzene	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
1,3-Dichloropropane	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
1,4-Dichlorobenzene	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
2,2-Dichloropropane	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
2-Butanone	ND	26.5		ug/Kg-dry	1	3/8/2010 12:37:00 AM
2-Chlorotoluene	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
2-Hexanone	ND	13.2		ug/Kg-dry	1	3/8/2010 12:37:00 AM
4-Chlorotoluene	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
4-Isopropyltoluene	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
4-Methyl-2-pentanone	ND	26.5		ug/Kg-dry	1	3/8/2010 12:37:00 AM
Acetone	ND	66.2		ug/Kg-dry	1	3/8/2010 12:37:00 AM
Benzene	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
Bromobenzene	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
Bromochloromethane	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
Bromodichloromethane	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
Bromoform	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
Bromomethane	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
Carbon Disulfide	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
Carbon tetrachloride	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
Chlorobenzene	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
Chloroethane	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
Chloroform	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
Chloromethane	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
cis-1,2-Dichloroethene	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-19

Client Sample ID: GP50-S-5.0
Collection Date: 3/1/2010 2:49:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
Dibromochloromethane	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
Dibromomethane	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
Dichlorodifluoromethane	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
Ethylbenzene	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
Hexachlorobutadiene	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
Isopropylbenzene	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
m,p-Xylene	ND	13.2		ug/Kg-dry	1	3/8/2010 12:37:00 AM
Methyl tert-butyl ether	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
Methylene Chloride	ND	33.1		ug/Kg-dry	1	3/8/2010 12:37:00 AM
n-Butylbenzene	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
n-Propylbenzene	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
Naphthalene	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
o-Xylene	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
sec-Butylbenzene	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
Styrene	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
tert-Butylbenzene	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
Tetrachloroethene	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
Toluene	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
trans-1,2-Dichloroethene	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
trans-1,3-Dichloropropene	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
Trichloroethene	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
Trichlorofluoromethane	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
Vinyl Chloride	ND	6.62		ug/Kg-dry	1	3/8/2010 12:37:00 AM
Surr: 1,2-Dichloroethane-d4	115	71.5-112	S	%REC	1	3/8/2010 12:37:00 AM
Surr: 4-Bromofluorobenzene	111	75.7-122		%REC	1	3/8/2010 12:37:00 AM
Surr: Dibromofluoromethane	103	64.3-124		%REC	1	3/8/2010 12:37:00 AM
Surr: Toluene-d8	120	74.9-120		%REC	1	3/8/2010 12:37:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-20

Client Sample ID: GP50-S-12.5
Collection Date: 3/1/2010 2:55:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
1,1,1-Trichloroethane	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
1,1,2,2-Tetrachloroethane	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
1,1,2-Trichloroethane	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
1,1-Dichloroethane	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
1,1-Dichloroethene	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
1,1-Dichloropropene	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
1,2,3-Trichlorobenzene	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
1,2,3-Trichloropropane	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
1,2,4-Trichlorobenzene	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
1,2,4-Trimethylbenzene	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
1,2-Dibromo-3-chloropropane	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
1,2-Dibromoethane	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
1,2-Dichlorobenzene	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
1,2-Dichloroethane	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
1,2-Dichloropropane	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
1,3,5-Trimethylbenzene	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
1,3-Dichlorobenzene	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
1,3-Dichloropropane	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
1,4-Dichlorobenzene	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
2,2-Dichloropropane	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
2-Butanone	ND	30.7		ug/Kg-dry	1	3/8/2010 1:12:00 AM
2-Chlorotoluene	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
2-Hexanone	ND	15.4		ug/Kg-dry	1	3/8/2010 1:12:00 AM
4-Chlorotoluene	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
4-Isopropyltoluene	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
4-Methyl-2-pentanone	ND	30.7		ug/Kg-dry	1	3/8/2010 1:12:00 AM
Acetone	ND	76.9		ug/Kg-dry	1	3/8/2010 1:12:00 AM
Benzene	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
Bromobenzene	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
Bromochloromethane	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
Bromodichloromethane	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
Bromoform	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
Bromomethane	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
Carbon Disulfide	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
Carbon tetrachloride	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
Chlorobenzene	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
Chloroethane	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
Chloroform	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
Chloromethane	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
cis-1,2-Dichloroethene	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: GP50-S-12.5

Lab Order: 1003038

Collection Date: 3/1/2010 2:55:00 PM

Project: URIC / 8006.31.01

Lab ID: 1003038-20

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
Dibromochloromethane	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
Dibromomethane	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
Dichlorodifluoromethane	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
Ethylbenzene	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
Hexachlorobutadiene	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
Isopropylbenzene	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
m,p-Xylene	ND	15.4		ug/Kg-dry	1	3/8/2010 1:12:00 AM
Methyl tert-butyl ether	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
Methylene Chloride	ND	38.4		ug/Kg-dry	1	3/8/2010 1:12:00 AM
n-Butylbenzene	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
n-Propylbenzene	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
Naphthalene	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
o-Xylene	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
sec-Butylbenzene	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
Styrene	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
tert-Butylbenzene	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
Tetrachloroethene	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
Toluene	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
trans-1,2-Dichloroethene	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
trans-1,3-Dichloropropene	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
Trichloroethene	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
Trichlorofluoromethane	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
Vinyl Chloride	ND	7.69		ug/Kg-dry	1	3/8/2010 1:12:00 AM
Surr: 1,2-Dichloroethane-d4	162	71.5-112	S	%REC	1	3/8/2010 1:12:00 AM
Surr: 4-Bromofluorobenzene	101	75.7-122		%REC	1	3/8/2010 1:12:00 AM
Surr: Dibromofluoromethane	146	64.3-124	S	%REC	1	3/8/2010 1:12:00 AM
Surr: Toluene-d8	139	74.9-120	S	%REC	1	3/8/2010 1:12:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-21

Client Sample ID: GP42-S-0.5
Collection Date: 3/1/2010 3:19:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
1,1,1-Trichloroethane	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
1,1,2,2-Tetrachloroethane	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
1,1,2-Trichloroethane	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
1,1-Dichloroethane	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
1,1-Dichloroethene	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
1,1-Dichloropropene	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
1,2,3-Trichlorobenzene	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
1,2,3-Trichloropropane	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
1,2,4-Trichlorobenzene	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
1,2,4-Trimethylbenzene	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
1,2-Dibromo-3-chloropropane	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
1,2-Dibromoethane	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
1,2-Dichlorobenzene	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
1,2-Dichloroethane	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
1,2-Dichloropropane	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
1,3,5-Trimethylbenzene	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
1,3-Dichlorobenzene	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
1,3-Dichloropropane	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
1,4-Dichlorobenzene	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
2,2-Dichloropropane	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
2-Butanone	ND	26.7		ug/Kg-dry	1	3/8/2010 1:53:00 PM
2-Chlorotoluene	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
2-Hexanone	ND	13.3		ug/Kg-dry	1	3/8/2010 1:53:00 PM
4-Chlorotoluene	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
4-Isopropyltoluene	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
4-Methyl-2-pentanone	ND	26.7		ug/Kg-dry	1	3/8/2010 1:53:00 PM
Acetone	85.8	66.7		ug/Kg-dry	1	3/8/2010 1:53:00 PM
Benzene	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
Bromobenzene	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
Bromochloromethane	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
Bromodichloromethane	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
Bromoform	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
Bromomethane	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
Carbon Disulfide	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
Carbon tetrachloride	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
Chlorobenzene	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
Chloroethane	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
Chloroform	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
Chloromethane	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
cis-1,2-Dichloroethene	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-21

Client Sample ID: GP42-S-0.5
Collection Date: 3/1/2010 3:19:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
Dibromochloromethane	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
Dibromomethane	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
Dichlorodifluoromethane	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
Ethylbenzene	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
Hexachlorobutadiene	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
Isopropylbenzene	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
m,p-Xylene	ND	13.3		ug/Kg-dry	1	3/8/2010 1:53:00 PM
Methyl tert-butyl ether	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
Methylene Chloride	ND	33.4		ug/Kg-dry	1	3/8/2010 1:53:00 PM
n-Butylbenzene	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
n-Propylbenzene	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
Naphthalene	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
o-Xylene	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
sec-Butylbenzene	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
Styrene	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
tert-Butylbenzene	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
Tetrachloroethene	16.1	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
Toluene	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
trans-1,2-Dichloroethene	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
trans-1,3-Dichloropropene	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
Trichloroethene	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
Trichlorofluoromethane	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
Vinyl Chloride	ND	6.67		ug/Kg-dry	1	3/8/2010 1:53:00 PM
Surr: 1,2-Dichloroethane-d4	118	71.5-112	S	%REC	1	3/8/2010 1:53:00 PM
Surr: 4-Bromofluorobenzene	102	75.7-122		%REC	1	3/8/2010 1:53:00 PM
Surr: Dibromofluoromethane	107	64.3-124		%REC	1	3/8/2010 1:53:00 PM
Surr: Toluene-d8	126	74.9-120	S	%REC	1	3/8/2010 1:53:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: GP42-S-2.5

Lab Order: 1003038

Collection Date: 3/1/2010 3:23:00 PM

Project: URIC / 8006.31.01

Lab ID: 1003038-22

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/15/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-23

Client Sample ID: GP42-S-5.0
Collection Date: 3/1/2010 3:27:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
1,1,1-Trichloroethane	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
1,1,2,2-Tetrachloroethane	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
1,1,2-Trichloroethane	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
1,1-Dichloroethane	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
1,1-Dichloroethene	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
1,1-Dichloropropene	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
1,2,3-Trichlorobenzene	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
1,2,3-Trichloropropane	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
1,2,4-Trichlorobenzene	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
1,2,4-Trimethylbenzene	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
1,2-Dibromo-3-chloropropane	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
1,2-Dibromoethane	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
1,2-Dichlorobenzene	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
1,2-Dichloroethane	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
1,2-Dichloropropane	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
1,3,5-Trimethylbenzene	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
1,3-Dichlorobenzene	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
1,3-Dichloropropane	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
1,4-Dichlorobenzene	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
2,2-Dichloropropane	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
2-Butanone	ND	27.9		ug/Kg-dry	1	3/8/2010 2:27:00 PM
2-Chlorotoluene	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
2-Hexanone	ND	13.9		ug/Kg-dry	1	3/8/2010 2:27:00 PM
4-Chlorotoluene	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
4-Isopropyltoluene	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
4-Methyl-2-pentanone	ND	27.9		ug/Kg-dry	1	3/8/2010 2:27:00 PM
Acetone	ND	69.6		ug/Kg-dry	1	3/8/2010 2:27:00 PM
Benzene	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
Bromobenzene	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
Bromochloromethane	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
Bromodichloromethane	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
Bromoform	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
Bromomethane	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
Carbon Disulfide	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
Carbon tetrachloride	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
Chlorobenzene	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
Chloroethane	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
Chloroform	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
Chloromethane	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
cis-1,2-Dichloroethene	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-23

Client Sample ID: GP42-S-5.0
Collection Date: 3/1/2010 3:27:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
Dibromochloromethane	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
Dibromomethane	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
Dichlorodifluoromethane	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
Ethylbenzene	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
Hexachlorobutadiene	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
Isopropylbenzene	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
m,p-Xylene	ND	13.9		ug/Kg-dry	1	3/8/2010 2:27:00 PM
Methyl tert-butyl ether	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
Methylene Chloride	ND	34.8		ug/Kg-dry	1	3/8/2010 2:27:00 PM
n-Butylbenzene	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
n-Propylbenzene	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
Naphthalene	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
o-Xylene	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
sec-Butylbenzene	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
Styrene	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
tert-Butylbenzene	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
Tetrachloroethene	26.2	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
Toluene	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
trans-1,2-Dichloroethene	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
trans-1,3-Dichloropropene	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
Trichloroethene	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
Trichlorofluoromethane	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
Vinyl Chloride	ND	6.96		ug/Kg-dry	1	3/8/2010 2:27:00 PM
Surr: 1,2-Dichloroethane-d4	117	71.5-112	S	%REC	1	3/8/2010 2:27:00 PM
Surr: 4-Bromofluorobenzene	102	75.7-122		%REC	1	3/8/2010 2:27:00 PM
Surr: Dibromofluoromethane	102	64.3-124		%REC	1	3/8/2010 2:27:00 PM
Surr: Toluene-d8	123	74.9-120	S	%REC	1	3/8/2010 2:27:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: GP42-S-12.5

Lab Order: 1003038

Collection Date: 3/1/2010 2:14:00 PM

Project: URIC / 8006.31.01

Lab ID: 1003038-24

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
1,1,1-Trichloroethane	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
1,1,2,2-Tetrachloroethane	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
1,1,2-Trichloroethane	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
1,1-Dichloroethane	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
1,1-Dichloroethene	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
1,1-Dichloropropene	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
1,2,3-Trichlorobenzene	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
1,2,3-Trichloropropane	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
1,2,4-Trichlorobenzene	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
1,2,4-Trimethylbenzene	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
1,2-Dibromo-3-chloropropane	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
1,2-Dibromoethane	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
1,2-Dichlorobenzene	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
1,2-Dichloroethane	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
1,2-Dichloropropane	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
1,3,5-Trimethylbenzene	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
1,3-Dichlorobenzene	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
1,3-Dichloropropane	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
1,4-Dichlorobenzene	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
2,2-Dichloropropane	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
2-Butanone	ND	31.8		ug/Kg-dry	1	3/8/2010 3:02:00 PM
2-Chlorotoluene	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
2-Hexanone	ND	15.9		ug/Kg-dry	1	3/8/2010 3:02:00 PM
4-Chlorotoluene	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
4-Isopropyltoluene	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
4-Methyl-2-pentanone	ND	31.8		ug/Kg-dry	1	3/8/2010 3:02:00 PM
Acetone	ND	79.5		ug/Kg-dry	1	3/8/2010 3:02:00 PM
Benzene	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
Bromobenzene	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
Bromochloromethane	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
Bromodichloromethane	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
Bromoform	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
Bromomethane	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
Carbon Disulfide	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
Carbon tetrachloride	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
Chlorobenzene	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
Chloroethane	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
Chloroform	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
Chloromethane	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
cis-1,2-Dichloroethene	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-24

Client Sample ID: GP42-S-12.5
Collection Date: 3/1/2010 2:14:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
Dibromochloromethane	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
Dibromomethane	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
Dichlorodifluoromethane	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
Ethylbenzene	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
Hexachlorobutadiene	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
Isopropylbenzene	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
m,p-Xylene	ND	15.9		ug/Kg-dry	1	3/8/2010 3:02:00 PM
Methyl tert-butyl ether	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
Methylene Chloride	ND	39.8		ug/Kg-dry	1	3/8/2010 3:02:00 PM
n-Butylbenzene	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
n-Propylbenzene	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
Naphthalene	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
o-Xylene	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
sec-Butylbenzene	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
Styrene	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
tert-Butylbenzene	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
Tetrachloroethene	10.7	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
Toluene	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
trans-1,2-Dichloroethene	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
trans-1,3-Dichloropropene	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
Trichloroethene	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
Trichlorofluoromethane	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
Vinyl Chloride	ND	7.95		ug/Kg-dry	1	3/8/2010 3:02:00 PM
Surr: 1,2-Dichloroethane-d4	109	71.5-112		%REC	1	3/8/2010 3:02:00 PM
Surr: 4-Bromofluorobenzene	114	75.7-122		%REC	1	3/8/2010 3:02:00 PM
Surr: Dibromofluoromethane	101	64.3-124		%REC	1	3/8/2010 3:02:00 PM
Surr: Toluene-d8	120	74.9-120	S	%REC	1	3/8/2010 3:02:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-25

Client Sample ID: GP51-S-0.5
Collection Date: 3/2/2010 8:50:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
1,1,1-Trichloroethane	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
1,1,2,2-Tetrachloroethane	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
1,1,2-Trichloroethane	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
1,1-Dichloroethane	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
1,1-Dichloroethene	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
1,1-Dichloropropene	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
1,2,3-Trichlorobenzene	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
1,2,3-Trichloropropane	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
1,2,4-Trichlorobenzene	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
1,2,4-Trimethylbenzene	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
1,2-Dibromo-3-chloropropane	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
1,2-Dibromoethane	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
1,2-Dichlorobenzene	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
1,2-Dichloroethane	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
1,2-Dichloropropane	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
1,3,5-Trimethylbenzene	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
1,3-Dichlorobenzene	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
1,3-Dichloropropane	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
1,4-Dichlorobenzene	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
2,2-Dichloropropane	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
2-Butanone	ND	36.6		ug/Kg-dry	1	3/8/2010 3:36:00 PM
2-Chlorotoluene	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
2-Hexanone	ND	18.3		ug/Kg-dry	1	3/8/2010 3:36:00 PM
4-Chlorotoluene	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
4-Isopropyltoluene	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
4-Methyl-2-pentanone	ND	36.6		ug/Kg-dry	1	3/8/2010 3:36:00 PM
Acetone	ND	91.4		ug/Kg-dry	1	3/8/2010 3:36:00 PM
Benzene	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
Bromobenzene	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
Bromochloromethane	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
Bromodichloromethane	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
Bromoform	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
Bromomethane	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
Carbon Disulfide	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
Carbon tetrachloride	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
Chlorobenzene	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
Chloroethane	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
Chloroform	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
Chloromethane	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
cis-1,2-Dichloroethene	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-25

Client Sample ID: GP51-S-0.5
Collection Date: 3/2/2010 8:50:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
Dibromochloromethane	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
Dibromomethane	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
Dichlorodifluoromethane	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
Ethylbenzene	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
Hexachlorobutadiene	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
Isopropylbenzene	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
m,p-Xylene	ND	18.3		ug/Kg-dry	1	3/8/2010 3:36:00 PM
Methyl tert-butyl ether	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
Methylene Chloride	ND	45.7		ug/Kg-dry	1	3/8/2010 3:36:00 PM
n-Butylbenzene	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
n-Propylbenzene	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
Naphthalene	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
o-Xylene	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
sec-Butylbenzene	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
Styrene	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
tert-Butylbenzene	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
Tetrachloroethene	147	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
Toluene	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
trans-1,2-Dichloroethene	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
trans-1,3-Dichloropropene	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
Trichloroethene	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
Trichlorofluoromethane	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
Vinyl Chloride	ND	9.14		ug/Kg-dry	1	3/8/2010 3:36:00 PM
Surr: 1,2-Dichloroethane-d4	115	71.5-112	S	%REC	1	3/8/2010 3:36:00 PM
Surr: 4-Bromofluorobenzene	103	75.7-122		%REC	1	3/8/2010 3:36:00 PM
Surr: Dibromofluoromethane	103	64.3-124		%REC	1	3/8/2010 3:36:00 PM
Surr: Toluene-d8	122	74.9-120	S	%REC	1	3/8/2010 3:36:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-26

Client Sample ID: GP51-S-2.5
Collection Date: 3/2/2010 9:00:00 AM
Matrix: SOIL

Analyses	Result	Limit Qual Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST		PER CLIENT		Analyst: knt
Hold	Hold		1	3/15/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-27

Client Sample ID: GP51-S-5.0
Collection Date: 3/2/2010 9:10:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
1,1,1-Trichloroethane	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
1,1,2,2-Tetrachloroethane	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
1,1,2-Trichloroethane	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
1,1-Dichloroethane	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
1,1-Dichloroethene	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
1,1-Dichloropropene	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
1,2,3-Trichlorobenzene	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
1,2,3-Trichloropropane	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
1,2,4-Trichlorobenzene	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
1,2,4-Trimethylbenzene	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
1,2-Dibromo-3-chloropropane	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
1,2-Dibromoethane	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
1,2-Dichlorobenzene	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
1,2-Dichloroethane	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
1,2-Dichloropropane	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
1,3,5-Trimethylbenzene	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
1,3-Dichlorobenzene	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
1,3-Dichloropropane	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
1,4-Dichlorobenzene	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
2,2-Dichloropropane	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
2-Butanone	ND	25.0		ug/Kg-dry	1	3/8/2010 5:20:00 PM
2-Chlorotoluene	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
2-Hexanone	ND	12.5		ug/Kg-dry	1	3/8/2010 5:20:00 PM
4-Chlorotoluene	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
4-Isopropyltoluene	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
4-Methyl-2-pentanone	ND	25.0		ug/Kg-dry	1	3/8/2010 5:20:00 PM
Acetone	ND	62.6		ug/Kg-dry	1	3/8/2010 5:20:00 PM
Benzene	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
Bromobenzene	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
Bromochloromethane	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
Bromodichloromethane	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
Bromoform	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
Bromomethane	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
Carbon Disulfide	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
Carbon tetrachloride	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
Chlorobenzene	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
Chloroethane	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
Chloroform	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
Chloromethane	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
cis-1,2-Dichloroethene	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-27

Client Sample ID: GP51-S-5.0
Collection Date: 3/2/2010 9:10:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
Dibromochloromethane	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
Dibromomethane	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
Dichlorodifluoromethane	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
Ethylbenzene	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
Hexachlorobutadiene	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
Isopropylbenzene	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
m,p-Xylene	ND	12.5		ug/Kg-dry	1	3/8/2010 5:20:00 PM
Methyl tert-butyl ether	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
Methylene Chloride	ND	31.3		ug/Kg-dry	1	3/8/2010 5:20:00 PM
n-Butylbenzene	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
n-Propylbenzene	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
Naphthalene	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
o-Xylene	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
sec-Butylbenzene	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
Styrene	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
tert-Butylbenzene	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
Tetrachloroethene	23.4	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
Toluene	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
trans-1,2-Dichloroethene	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
trans-1,3-Dichloropropene	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
Trichloroethene	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
Trichlorofluoromethane	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
Vinyl Chloride	ND	6.26		ug/Kg-dry	1	3/8/2010 5:20:00 PM
Surr: 1,2-Dichloroethane-d4	114	71.5-112	S	%REC	1	3/8/2010 5:20:00 PM
Surr: 4-Bromofluorobenzene	105	75.7-122		%REC	1	3/8/2010 5:20:00 PM
Surr: Dibromofluoromethane	102	64.3-124		%REC	1	3/8/2010 5:20:00 PM
Surr: Toluene-d8	117	74.9-120		%REC	1	3/8/2010 5:20:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-28

Client Sample ID: GP51-S-12.5
Collection Date: 3/2/2010 9:15:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
1,1,1-Trichloroethane	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
1,1,2,2-Tetrachloroethane	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
1,1,2-Trichloroethane	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
1,1-Dichloroethane	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
1,1-Dichloroethene	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
1,1-Dichloropropene	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
1,2,3-Trichlorobenzene	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
1,2,3-Trichloropropane	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
1,2,4-Trichlorobenzene	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
1,2,4-Trimethylbenzene	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
1,2-Dibromo-3-chloropropane	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
1,2-Dibromoethane	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
1,2-Dichlorobenzene	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
1,2-Dichloroethane	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
1,2-Dichloropropane	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
1,3,5-Trimethylbenzene	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
1,3-Dichlorobenzene	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
1,3-Dichloropropane	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
1,4-Dichlorobenzene	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
2,2-Dichloropropane	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
2-Butanone	ND	32.7		ug/Kg-dry	1	3/8/2010 5:55:00 PM
2-Chlorotoluene	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
2-Hexanone	ND	16.4		ug/Kg-dry	1	3/8/2010 5:55:00 PM
4-Chlorotoluene	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
4-Isopropyltoluene	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
4-Methyl-2-pentanone	ND	32.7		ug/Kg-dry	1	3/8/2010 5:55:00 PM
Acetone	ND	81.8		ug/Kg-dry	1	3/8/2010 5:55:00 PM
Benzene	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
Bromobenzene	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
Bromochloromethane	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
Bromodichloromethane	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
Bromoform	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
Bromomethane	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
Carbon Disulfide	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
Carbon tetrachloride	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
Chlorobenzene	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
Chloroethane	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
Chloroform	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
Chloromethane	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
cis-1,2-Dichloroethene	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-28

Client Sample ID: GP51-S-12.5
Collection Date: 3/2/2010 9:15:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
Dibromochloromethane	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
Dibromomethane	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
Dichlorodifluoromethane	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
Ethylbenzene	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
Hexachlorobutadiene	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
Isopropylbenzene	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
m,p-Xylene	ND	16.4		ug/Kg-dry	1	3/8/2010 5:55:00 PM
Methyl tert-butyl ether	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
Methylene Chloride	ND	40.9		ug/Kg-dry	1	3/8/2010 5:55:00 PM
n-Butylbenzene	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
n-Propylbenzene	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
Naphthalene	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
o-Xylene	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
sec-Butylbenzene	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
Styrene	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
tert-Butylbenzene	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
Tetrachloroethene	117	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
Toluene	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
trans-1,2-Dichloroethene	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
trans-1,3-Dichloropropene	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
Trichloroethene	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
Trichlorofluoromethane	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
Vinyl Chloride	ND	8.18		ug/Kg-dry	1	3/8/2010 5:55:00 PM
Surr: 1,2-Dichloroethane-d4	110	71.5-112		%REC	1	3/8/2010 5:55:00 PM
Surr: 4-Bromofluorobenzene	105	75.7-122		%REC	1	3/8/2010 5:55:00 PM
Surr: Dibromofluoromethane	101	64.3-124		%REC	1	3/8/2010 5:55:00 PM
Surr: Toluene-d8	120	74.9-120	S	%REC	1	3/8/2010 5:55:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-29

Client Sample ID: GP54-S-0.5
Collection Date: 3/2/2010 9:50:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
1,1,1-Trichloroethane	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
1,1,2,2-Tetrachloroethane	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
1,1,2-Trichloroethane	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
1,1-Dichloroethane	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
1,1-Dichloroethene	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
1,1-Dichloropropene	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
1,2,3-Trichlorobenzene	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
1,2,3-Trichloropropane	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
1,2,4-Trichlorobenzene	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
1,2,4-Trimethylbenzene	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
1,2-Dibromo-3-chloropropane	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
1,2-Dibromoethane	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
1,2-Dichlorobenzene	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
1,2-Dichloroethane	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
1,2-Dichloropropane	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
1,3,5-Trimethylbenzene	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
1,3-Dichlorobenzene	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
1,3-Dichloropropane	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
1,4-Dichlorobenzene	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
2,2-Dichloropropane	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
2-Butanone	ND	49.7		ug/Kg-dry	1	3/22/2010 3:23:00 PM
2-Chlorotoluene	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
2-Hexanone	ND	24.8		ug/Kg-dry	1	3/22/2010 3:23:00 PM
4-Chlorotoluene	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
4-Isopropyltoluene	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
4-Methyl-2-pentanone	ND	49.7		ug/Kg-dry	1	3/22/2010 3:23:00 PM
Acetone	434	124		ug/Kg-dry	1	3/22/2010 3:23:00 PM
Benzene	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
Bromobenzene	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
Bromochloromethane	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
Bromodichloromethane	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
Bromoform	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
Bromomethane	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
Carbon Disulfide	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
Carbon tetrachloride	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
Chlorobenzene	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
Chloroethane	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
Chloroform	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
Chloromethane	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
cis-1,2-Dichloroethene	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-29

Client Sample ID: GP54-S-0.5
Collection Date: 3/2/2010 9:50:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
Dibromochloromethane	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
Dibromomethane	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
Dichlorodifluoromethane	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
Ethylbenzene	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
Hexachlorobutadiene	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
Isopropylbenzene	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
m,p-Xylene	ND	24.8		ug/Kg-dry	1	3/22/2010 3:23:00 PM
Methyl tert-butyl ether	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
Methylene Chloride	ND	62.1		ug/Kg-dry	1	3/22/2010 3:23:00 PM
n-Butylbenzene	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
n-Propylbenzene	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
Naphthalene	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
o-Xylene	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
sec-Butylbenzene	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
Styrene	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
tert-Butylbenzene	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
Tetrachloroethene	26.0	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
Toluene	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
trans-1,2-Dichloroethene	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
trans-1,3-Dichloropropene	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
Trichloroethene	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
Trichlorofluoromethane	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
Vinyl Chloride	ND	12.4		ug/Kg-dry	1	3/22/2010 3:23:00 PM
Surr: 1,2-Dichloroethane-d4	118	71.5-112	S	%REC	1	3/22/2010 3:23:00 PM
Surr: 4-Bromofluorobenzene	115	75.7-122		%REC	1	3/22/2010 3:23:00 PM
Surr: Dibromofluoromethane	115	64.3-124		%REC	1	3/22/2010 3:23:00 PM
Surr: Toluene-d8	108	74.9-120		%REC	1	3/22/2010 3:23:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-30

Client Sample ID: GP54-S-2.5
Collection Date: 3/2/2010 10:10:00 AM
Matrix: SOIL

Analyses	Result	Limit Qual Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST		PER CLIENT		Analyst: knt
Hold	Hold		1	3/15/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-31

Client Sample ID: GP54-S-5.0
Collection Date: 3/2/2010 10:15:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
1,1,1-Trichloroethane	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
1,1,2,2-Tetrachloroethane	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
1,1,2-Trichloroethane	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
1,1-Dichloroethane	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
1,1-Dichloroethene	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
1,1-Dichloropropene	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
1,2,3-Trichlorobenzene	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
1,2,3-Trichloropropane	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
1,2,4-Trichlorobenzene	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
1,2,4-Trimethylbenzene	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
1,2-Dibromo-3-chloropropane	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
1,2-Dibromoethane	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
1,2-Dichlorobenzene	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
1,2-Dichloroethane	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
1,2-Dichloropropane	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
1,3,5-Trimethylbenzene	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
1,3-Dichlorobenzene	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
1,3-Dichloropropane	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
1,4-Dichlorobenzene	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
2,2-Dichloropropane	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
2-Butanone	ND	51.9		ug/Kg-dry	1	3/22/2010 11:19:00 AM
2-Chlorotoluene	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
2-Hexanone	ND	26.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
4-Chlorotoluene	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
4-Isopropyltoluene	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
4-Methyl-2-pentanone	ND	51.9		ug/Kg-dry	1	3/22/2010 11:19:00 AM
Acetone	244	130		ug/Kg-dry	1	3/22/2010 11:19:00 AM
Benzene	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
Bromobenzene	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
Bromochloromethane	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
Bromodichloromethane	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
Bromoform	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
Bromomethane	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
Carbon Disulfide	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
Carbon tetrachloride	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
Chlorobenzene	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
Chloroethane	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
Chloroform	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
Chloromethane	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
cis-1,2-Dichloroethene	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-31

Client Sample ID: GP54-S-5.0
Collection Date: 3/2/2010 10:15:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
Dibromochloromethane	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
Dibromomethane	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
Dichlorodifluoromethane	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
Ethylbenzene	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
Hexachlorobutadiene	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
Isopropylbenzene	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
m,p-Xylene	ND	26.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
Methyl tert-butyl ether	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
Methylene Chloride	ND	64.9		ug/Kg-dry	1	3/22/2010 11:19:00 AM
n-Butylbenzene	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
n-Propylbenzene	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
Naphthalene	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
o-Xylene	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
sec-Butylbenzene	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
Styrene	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
tert-Butylbenzene	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
Tetrachloroethene	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
Toluene	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
trans-1,2-Dichloroethene	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
trans-1,3-Dichloropropene	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
Trichloroethene	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
Trichlorofluoromethane	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
Vinyl Chloride	ND	13.0		ug/Kg-dry	1	3/22/2010 11:19:00 AM
Surr: 1,2-Dichloroethane-d4	121	71.5-112	S	%REC	1	3/22/2010 11:19:00 AM
Surr: 4-Bromofluorobenzene	120	75.7-122		%REC	1	3/22/2010 11:19:00 AM
Surr: Dibromofluoromethane	114	64.3-124		%REC	1	3/22/2010 11:19:00 AM
Surr: Toluene-d8	106	74.9-120		%REC	1	3/22/2010 11:19:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-32

Client Sample ID: GP54-S-12.5
Collection Date: 3/2/2010 10:20:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
1,1,1-Trichloroethane	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
1,1,2,2-Tetrachloroethane	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
1,1,2-Trichloroethane	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
1,1-Dichloroethane	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
1,1-Dichloroethene	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
1,1-Dichloropropene	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
1,2,3-Trichlorobenzene	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
1,2,3-Trichloropropane	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
1,2,4-Trichlorobenzene	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
1,2,4-Trimethylbenzene	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
1,2-Dibromo-3-chloropropane	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
1,2-Dibromoethane	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
1,2-Dichlorobenzene	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
1,2-Dichloroethane	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
1,2-Dichloropropane	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
1,3,5-Trimethylbenzene	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
1,3-Dichlorobenzene	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
1,3-Dichloropropane	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
1,4-Dichlorobenzene	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
2,2-Dichloropropane	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
2-Butanone	ND	35.2		ug/Kg-dry	1	3/8/2010 6:29:00 PM
2-Chlorotoluene	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
2-Hexanone	ND	17.6		ug/Kg-dry	1	3/8/2010 6:29:00 PM
4-Chlorotoluene	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
4-Isopropyltoluene	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
4-Methyl-2-pentanone	ND	35.2		ug/Kg-dry	1	3/8/2010 6:29:00 PM
Acetone	ND	88.0		ug/Kg-dry	1	3/8/2010 6:29:00 PM
Benzene	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
Bromobenzene	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
Bromochloromethane	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
Bromodichloromethane	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
Bromoform	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
Bromomethane	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
Carbon Disulfide	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
Carbon tetrachloride	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
Chlorobenzene	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
Chloroethane	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
Chloroform	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
Chloromethane	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
cis-1,2-Dichloroethene	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-32

Client Sample ID: GP54-S-12.5
Collection Date: 3/2/2010 10:20:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
Dibromochloromethane	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
Dibromomethane	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
Dichlorodifluoromethane	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
Ethylbenzene	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
Hexachlorobutadiene	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
Isopropylbenzene	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
m,p-Xylene	ND	17.6		ug/Kg-dry	1	3/8/2010 6:29:00 PM
Methyl tert-butyl ether	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
Methylene Chloride	ND	44.0		ug/Kg-dry	1	3/8/2010 6:29:00 PM
n-Butylbenzene	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
n-Propylbenzene	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
Naphthalene	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
o-Xylene	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
sec-Butylbenzene	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
Styrene	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
tert-Butylbenzene	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
Tetrachloroethene	37.7	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
Toluene	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
trans-1,2-Dichloroethene	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
trans-1,3-Dichloropropene	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
Trichloroethene	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
Trichlorofluoromethane	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
Vinyl Chloride	ND	8.80		ug/Kg-dry	1	3/8/2010 6:29:00 PM
Surr: 1,2-Dichloroethane-d4	114	71.5-112	S	%REC	1	3/8/2010 6:29:00 PM
Surr: 4-Bromofluorobenzene	104	75.7-122		%REC	1	3/8/2010 6:29:00 PM
Surr: Dibromofluoromethane	105	64.3-124		%REC	1	3/8/2010 6:29:00 PM
Surr: Toluene-d8	123	74.9-120	S	%REC	1	3/8/2010 6:29:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-33

Client Sample ID: GP53-S-0.5
Collection Date: 3/2/2010 10:40:00 AM
Matrix: SOIL

Analyses	Result	Limit Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST		PER CLIENT			Analyst: knt
Hold	Hold			1	3/15/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: GP53-S-2.5

Lab Order: 1003038

Collection Date: 3/2/2010 10:50:00 AM

Project: URIC / 8006.31.01

Lab ID: 1003038-34

Matrix: SOIL

Analyses	Result	Limit Qual Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST		PER CLIENT		Analyst: knt
Hold	Hold		1	3/15/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-35

Client Sample ID: GP53-S-5.0
Collection Date: 3/2/2010 11:00:00 AM
Matrix: SOIL

Analyses	Result	Limit Qual Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST		PER CLIENT		Analyst: knt
Hold	Hold		1	3/15/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-36

Client Sample ID: GP53-S-12.5
Collection Date: 3/2/2010 11:10:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
1,1,1-Trichloroethane	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
1,1,2,2-Tetrachloroethane	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
1,1,2-Trichloroethane	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
1,1-Dichloroethane	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
1,1-Dichloroethene	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
1,1-Dichloropropene	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
1,2,3-Trichlorobenzene	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
1,2,3-Trichloropropane	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
1,2,4-Trichlorobenzene	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
1,2,4-Trimethylbenzene	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
1,2-Dibromo-3-chloropropane	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
1,2-Dibromoethane	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
1,2-Dichlorobenzene	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
1,2-Dichloroethane	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
1,2-Dichloropropane	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
1,3,5-Trimethylbenzene	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
1,3-Dichlorobenzene	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
1,3-Dichloropropane	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
1,4-Dichlorobenzene	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
2,2-Dichloropropane	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
2-Butanone	ND	31.5		ug/Kg-dry	1	3/8/2010 7:04:00 PM
2-Chlorotoluene	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
2-Hexanone	ND	15.8		ug/Kg-dry	1	3/8/2010 7:04:00 PM
4-Chlorotoluene	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
4-Isopropyltoluene	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
4-Methyl-2-pentanone	ND	31.5		ug/Kg-dry	1	3/8/2010 7:04:00 PM
Acetone	ND	78.8		ug/Kg-dry	1	3/8/2010 7:04:00 PM
Benzene	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
Bromobenzene	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
Bromochloromethane	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
Bromodichloromethane	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
Bromoform	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
Bromomethane	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
Carbon Disulfide	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
Carbon tetrachloride	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
Chlorobenzene	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
Chloroethane	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
Chloroform	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
Chloromethane	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
cis-1,2-Dichloroethene	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-36

Client Sample ID: GP53-S-12.5
Collection Date: 3/2/2010 11:10:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
Dibromochloromethane	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
Dibromomethane	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
Dichlorodifluoromethane	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
Ethylbenzene	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
Hexachlorobutadiene	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
Isopropylbenzene	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
m,p-Xylene	ND	15.8		ug/Kg-dry	1	3/8/2010 7:04:00 PM
Methyl tert-butyl ether	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
Methylene Chloride	ND	39.4		ug/Kg-dry	1	3/8/2010 7:04:00 PM
n-Butylbenzene	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
n-Propylbenzene	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
Naphthalene	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
o-Xylene	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
sec-Butylbenzene	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
Styrene	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
tert-Butylbenzene	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
Tetrachloroethene	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
Toluene	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
trans-1,2-Dichloroethene	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
trans-1,3-Dichloropropene	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
Trichloroethene	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
Trichlorofluoromethane	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
Vinyl Chloride	ND	7.88		ug/Kg-dry	1	3/8/2010 7:04:00 PM
Surr: 1,2-Dichloroethane-d4	112	71.5-112	S	%REC	1	3/8/2010 7:04:00 PM
Surr: 4-Bromofluorobenzene	115	75.7-122		%REC	1	3/8/2010 7:04:00 PM
Surr: Dibromofluoromethane	103	64.3-124		%REC	1	3/8/2010 7:04:00 PM
Surr: Toluene-d8	119	74.9-120		%REC	1	3/8/2010 7:04:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-37

Client Sample ID: GP40-W-11.5
Collection Date: 3/1/2010 12:22:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS						
		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
1,1-Dichloroethane	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
1,1-Dichloroethene	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
1,1-Dichloropropene	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
1,2-Dibromoethane	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
1,2-Dichloroethane	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
1,2-Dichloropropane	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
1,3-Dichloropropane	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
2,2-Dichloropropane	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
2-Butanone	ND	10.0		µg/L	1	3/10/2010 3:30:00 AM
2-Chlorotoluene	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
2-Hexanone	ND	10.0		µg/L	1	3/10/2010 3:30:00 AM
4-Chlorotoluene	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
4-Isopropyltoluene	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	3/10/2010 3:30:00 AM
Acetone	ND	50.0		µg/L	1	3/10/2010 3:30:00 AM
Acrylonitrile	ND	5.00		µg/L	1	3/10/2010 3:30:00 AM
Benzene	ND	0.300		µg/L	1	3/10/2010 3:30:00 AM
Bromobenzene	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
Bromochloromethane	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
Bromodichloromethane	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
Bromoform	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
Bromomethane	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
Carbon disulfide	ND	2.00		µg/L	1	3/10/2010 3:30:00 AM
Carbon tetrachloride	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
Chlorobenzene	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
Chloroethane	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
Chloroform	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
Chloromethane	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-37

Client Sample ID: GP40-W-11.5
Collection Date: 3/1/2010 12:22:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
Dibromochloromethane	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
Dibromomethane	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
Dichlorodifluoromethane	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
Ethylbenzene	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
Hexachlorobutadiene	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
Isopropylbenzene	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
m,p-Xylene	ND	2.00		µg/L	1	3/10/2010 3:30:00 AM
Methyl tert-butyl ether	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
Methylene chloride	ND	20.0		µg/L	1	3/10/2010 3:30:00 AM
n-Butylbenzene	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
n-Propylbenzene	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
Naphthalene	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
o-Xylene	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
sec-Butylbenzene	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
Styrene	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
tert-Butylbenzene	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
Tetrachloroethene	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
Toluene	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
Trichloroethene	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
Trichlorofluoromethane	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
Vinyl chloride	ND	1.00		µg/L	1	3/10/2010 3:30:00 AM
Surr: 1,2-Dichloroethane-d4	96.3	72.2-129		%REC	1	3/10/2010 3:30:00 AM
Surr: 4-Bromofluorobenzene	103	73.5-125		%REC	1	3/10/2010 3:30:00 AM
Surr: Dibromofluoromethane	94.3	58.8-148		%REC	1	3/10/2010 3:30:00 AM
Surr: Toluene-d8	107	79.8-137		%REC	1	3/10/2010 3:30:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: GP44-W-13.0

Lab Order: 1003038

Collection Date: 3/1/2010 1:02:00 PM

Project: URIC / 8006.31.01

Lab ID: 1003038-38

Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM
1,1-Dichloroethane	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM
1,1-Dichloroethene	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM
1,1-Dichloropropene	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM
1,2-Dibromoethane	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM
1,2-Dichloroethane	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM
1,2-Dichloropropane	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM
1,3-Dichloropropane	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM
2,2-Dichloropropane	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM
2-Butanone	ND	10.0		µg/L	1	3/10/2010 4:05:00 AM
2-Chlorotoluene	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM
2-Hexanone	ND	10.0		µg/L	1	3/10/2010 4:05:00 AM
4-Chlorotoluene	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM
4-Isopropyltoluene	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	3/10/2010 4:05:00 AM
Acetone	ND	50.0		µg/L	1	3/10/2010 4:05:00 AM
Acrylonitrile	ND	5.00		µg/L	1	3/10/2010 4:05:00 AM
Benzene	ND	0.300		µg/L	1	3/10/2010 4:05:00 AM
Bromobenzene	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM
Bromochloromethane	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM
Bromodichloromethane	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM
Bromoform	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM
Bromomethane	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM
Carbon disulfide	ND	2.00		µg/L	1	3/10/2010 4:05:00 AM
Carbon tetrachloride	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM
Chlorobenzene	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM
Chloroethane	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM
Chloroform	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM
Chloromethane	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-38

Client Sample ID: GP44-W-13.0
Collection Date: 3/1/2010 1:02:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM
Dibromochloromethane	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM
Dibromomethane	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM
Dichlorodifluoromethane	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM
Ethylbenzene	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM
Hexachlorobutadiene	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM
Isopropylbenzene	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM
m,p-Xylene	ND	2.00		µg/L	1	3/10/2010 4:05:00 AM
Methyl tert-butyl ether	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM
Methylene chloride	ND	20.0		µg/L	1	3/10/2010 4:05:00 AM
n-Butylbenzene	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM
n-Propylbenzene	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM
Naphthalene	1.62	1.00	B	µg/L	1	3/10/2010 4:05:00 AM
o-Xylene	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM
sec-Butylbenzene	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM
Styrene	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM
tert-Butylbenzene	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM
Tetrachloroethene	11.9	1.00		µg/L	1	3/10/2010 4:05:00 AM
Toluene	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM
Trichloroethene	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM
Trichlorofluoromethane	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM
Vinyl chloride	ND	1.00		µg/L	1	3/10/2010 4:05:00 AM
Surr: 1,2-Dichloroethane-d4	96.4	72.2-129		%REC	1	3/10/2010 4:05:00 AM
Surr: 4-Bromofluorobenzene	104	73.5-125		%REC	1	3/10/2010 4:05:00 AM
Surr: Dibromofluoromethane	94.9	58.8-148		%REC	1	3/10/2010 4:05:00 AM
Surr: Toluene-d8	107	79.8-137		%REC	1	3/10/2010 4:05:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-39

Client Sample ID: GP41-W-12.5
Collection Date: 3/1/2010 1:45:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM
1,1-Dichloroethane	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM
1,1-Dichloroethene	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM
1,1-Dichloropropene	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM
1,2-Dibromoethane	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM
1,2-Dichloroethane	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM
1,2-Dichloropropane	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM
1,3-Dichloropropane	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM
2,2-Dichloropropane	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM
2-Butanone	ND	10.0		µg/L	1	3/10/2010 4:39:00 AM
2-Chlorotoluene	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM
2-Hexanone	ND	10.0		µg/L	1	3/10/2010 4:39:00 AM
4-Chlorotoluene	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM
4-Isopropyltoluene	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	3/10/2010 4:39:00 AM
Acetone	ND	50.0		µg/L	1	3/10/2010 4:39:00 AM
Acrylonitrile	ND	5.00		µg/L	1	3/10/2010 4:39:00 AM
Benzene	ND	0.300		µg/L	1	3/10/2010 4:39:00 AM
Bromobenzene	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM
Bromochloromethane	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM
Bromodichloromethane	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM
Bromoform	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM
Bromomethane	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM
Carbon disulfide	ND	2.00		µg/L	1	3/10/2010 4:39:00 AM
Carbon tetrachloride	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM
Chlorobenzene	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM
Chloroethane	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM
Chloroform	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM
Chloromethane	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-39

Client Sample ID: GP41-W-12.5
Collection Date: 3/1/2010 1:45:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS						
		SW8260B				Analyst: kmn
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM
Dibromochloromethane	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM
Dibromomethane	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM
Dichlorodifluoromethane	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM
Ethylbenzene	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM
Hexachlorobutadiene	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM
Isopropylbenzene	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM
m,p-Xylene	ND	2.00		µg/L	1	3/10/2010 4:39:00 AM
Methyl tert-butyl ether	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM
Methylene chloride	ND	20.0		µg/L	1	3/10/2010 4:39:00 AM
n-Butylbenzene	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM
n-Propylbenzene	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM
Naphthalene	1.38	1.00	B	µg/L	1	3/10/2010 4:39:00 AM
o-Xylene	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM
sec-Butylbenzene	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM
Styrene	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM
tert-Butylbenzene	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM
Tetrachloroethene	7.49	1.00		µg/L	1	3/10/2010 4:39:00 AM
Toluene	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM
Trichloroethene	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM
Trichlorofluoromethane	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM
Vinyl chloride	ND	1.00		µg/L	1	3/10/2010 4:39:00 AM
Surr: 1,2-Dichloroethane-d4	96.8	72.2-129		%REC	1	3/10/2010 4:39:00 AM
Surr: 4-Bromofluorobenzene	104	73.5-125		%REC	1	3/10/2010 4:39:00 AM
Surr: Dibromofluoromethane	93.3	58.8-148		%REC	1	3/10/2010 4:39:00 AM
Surr: Toluene-d8	106	79.8-137		%REC	1	3/10/2010 4:39:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-40

Client Sample ID: GP45-W-12.5
Collection Date: 3/1/2010 2:20:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS						Analyst: kmn
		SW8260B				
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
1,1-Dichloroethane	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
1,1-Dichloroethene	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
1,1-Dichloropropene	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
1,2-Dibromoethane	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
1,2-Dichloroethane	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
1,2-Dichloropropane	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
1,3-Dichloropropane	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
2,2-Dichloropropane	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
2-Butanone	ND	10.0		µg/L	1	3/10/2010 5:14:00 AM
2-Chlorotoluene	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
2-Hexanone	ND	10.0		µg/L	1	3/10/2010 5:14:00 AM
4-Chlorotoluene	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
4-Isopropyltoluene	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	3/10/2010 5:14:00 AM
Acetone	ND	50.0		µg/L	1	3/10/2010 5:14:00 AM
Acrylonitrile	ND	5.00		µg/L	1	3/10/2010 5:14:00 AM
Benzene	ND	0.300		µg/L	1	3/10/2010 5:14:00 AM
Bromobenzene	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
Bromochloromethane	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
Bromodichloromethane	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
Bromoform	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
Bromomethane	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
Carbon disulfide	ND	2.00		µg/L	1	3/10/2010 5:14:00 AM
Carbon tetrachloride	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
Chlorobenzene	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
Chloroethane	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
Chloroform	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
Chloromethane	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-40

Client Sample ID: GP45-W-12.5
Collection Date: 3/1/2010 2:20:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
Dibromochloromethane	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
Dibromomethane	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
Dichlorodifluoromethane	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
Ethylbenzene	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
Hexachlorobutadiene	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
Isopropylbenzene	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
m,p-Xylene	ND	2.00		µg/L	1	3/10/2010 5:14:00 AM
Methyl tert-butyl ether	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
Methylene chloride	ND	20.0		µg/L	1	3/10/2010 5:14:00 AM
n-Butylbenzene	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
n-Propylbenzene	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
Naphthalene	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
o-Xylene	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
sec-Butylbenzene	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
Styrene	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
tert-Butylbenzene	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
Tetrachloroethene	21.8	1.00		µg/L	1	3/10/2010 5:14:00 AM
Toluene	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
Trichloroethene	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
Trichlorofluoromethane	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
Vinyl chloride	ND	1.00		µg/L	1	3/10/2010 5:14:00 AM
Surr: 1,2-Dichloroethane-d4	95.8	72.2-129		%REC	1	3/10/2010 5:14:00 AM
Surr: 4-Bromofluorobenzene	106	73.5-125		%REC	1	3/10/2010 5:14:00 AM
Surr: Dibromofluoromethane	90.6	58.8-148		%REC	1	3/10/2010 5:14:00 AM
Surr: Toluene-d8	106	79.8-137		%REC	1	3/10/2010 5:14:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-41

Client Sample ID: GP50-W-12.5
Collection Date: 3/1/2010 3:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
1,1-Dichloroethane	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
1,1-Dichloroethene	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
1,1-Dichloropropene	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
1,2-Dibromoethane	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
1,2-Dichloroethane	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
1,2-Dichloropropane	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
1,3-Dichloropropane	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
2,2-Dichloropropane	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
2-Butanone	ND	10.0		µg/L	1	3/10/2010 5:48:00 AM
2-Chlorotoluene	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
2-Hexanone	ND	10.0		µg/L	1	3/10/2010 5:48:00 AM
4-Chlorotoluene	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
4-Isopropyltoluene	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	3/10/2010 5:48:00 AM
Acetone	ND	50.0		µg/L	1	3/10/2010 5:48:00 AM
Acrylonitrile	ND	5.00		µg/L	1	3/10/2010 5:48:00 AM
Benzene	ND	0.300		µg/L	1	3/10/2010 5:48:00 AM
Bromobenzene	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
Bromochloromethane	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
Bromodichloromethane	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
Bromoform	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
Bromomethane	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
Carbon disulfide	ND	2.00		µg/L	1	3/10/2010 5:48:00 AM
Carbon tetrachloride	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
Chlorobenzene	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
Chloroethane	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
Chloroform	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
Chloromethane	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-41

Client Sample ID: GP50-W-12.5
Collection Date: 3/1/2010 3:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
Dibromochloromethane	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
Dibromomethane	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
Dichlorodifluoromethane	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
Ethylbenzene	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
Hexachlorobutadiene	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
Isopropylbenzene	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
m,p-Xylene	ND	2.00		µg/L	1	3/10/2010 5:48:00 AM
Methyl tert-butyl ether	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
Methylene chloride	ND	20.0		µg/L	1	3/10/2010 5:48:00 AM
n-Butylbenzene	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
n-Propylbenzene	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
Naphthalene	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
o-Xylene	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
sec-Butylbenzene	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
Styrene	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
tert-Butylbenzene	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
Tetrachloroethene	6.14	1.00		µg/L	1	3/10/2010 5:48:00 AM
Toluene	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
Trichloroethene	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
Trichlorofluoromethane	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
Vinyl chloride	ND	1.00		µg/L	1	3/10/2010 5:48:00 AM
Surr: 1,2-Dichloroethane-d4	94.2	72.2-129		%REC	1	3/10/2010 5:48:00 AM
Surr: 4-Bromofluorobenzene	107	73.5-125		%REC	1	3/10/2010 5:48:00 AM
Surr: Dibromofluoromethane	91.0	58.8-148		%REC	1	3/10/2010 5:48:00 AM
Surr: Toluene-d8	107	79.8-137		%REC	1	3/10/2010 5:48:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-42

Client Sample ID: GP42-W-12.5
Collection Date: 3/1/2010 4:16:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
1,1-Dichloroethane	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
1,1-Dichloroethene	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
1,1-Dichloropropene	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
1,2-Dibromoethane	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
1,2-Dichloroethane	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
1,2-Dichloropropane	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
1,3-Dichloropropane	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
2,2-Dichloropropane	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
2-Butanone	ND	10.0		µg/L	1	3/10/2010 6:22:00 AM
2-Chlorotoluene	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
2-Hexanone	ND	10.0		µg/L	1	3/10/2010 6:22:00 AM
4-Chlorotoluene	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
4-Isopropyltoluene	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	3/10/2010 6:22:00 AM
Acetone	ND	50.0		µg/L	1	3/10/2010 6:22:00 AM
Acrylonitrile	ND	5.00		µg/L	1	3/10/2010 6:22:00 AM
Benzene	ND	0.300		µg/L	1	3/10/2010 6:22:00 AM
Bromobenzene	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
Bromochloromethane	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
Bromodichloromethane	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
Bromoform	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
Bromomethane	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
Carbon disulfide	ND	2.00		µg/L	1	3/10/2010 6:22:00 AM
Carbon tetrachloride	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
Chlorobenzene	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
Chloroethane	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
Chloroform	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
Chloromethane	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-42

Client Sample ID: GP42-W-12.5
Collection Date: 3/1/2010 4:16:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
Dibromochloromethane	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
Dibromomethane	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
Dichlorodifluoromethane	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
Ethylbenzene	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
Hexachlorobutadiene	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
Isopropylbenzene	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
m,p-Xylene	ND	2.00		µg/L	1	3/10/2010 6:22:00 AM
Methyl tert-butyl ether	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
Methylene chloride	ND	20.0		µg/L	1	3/10/2010 6:22:00 AM
n-Butylbenzene	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
n-Propylbenzene	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
Naphthalene	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
o-Xylene	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
sec-Butylbenzene	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
Styrene	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
tert-Butylbenzene	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
Tetrachloroethene	111	1.00		µg/L	1	3/10/2010 6:22:00 AM
Toluene	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
Trichloroethene	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
Trichlorofluoromethane	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
Vinyl chloride	ND	1.00		µg/L	1	3/10/2010 6:22:00 AM
Surr: 1,2-Dichloroethane-d4	97.3	72.2-129		%REC	1	3/10/2010 6:22:00 AM
Surr: 4-Bromofluorobenzene	104	73.5-125		%REC	1	3/10/2010 6:22:00 AM
Surr: Dibromofluoromethane	95.6	58.8-148		%REC	1	3/10/2010 6:22:00 AM
Surr: Toluene-d8	106	79.8-137		%REC	1	3/10/2010 6:22:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-43

Client Sample ID: GP51-W-12.5
Collection Date: 3/2/2010 9:45:00 AM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
1,1-Dichloroethane	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
1,1-Dichloroethene	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
1,1-Dichloropropene	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
1,2-Dibromoethane	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
1,2-Dichloroethane	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
1,2-Dichloropropane	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
1,3-Dichloropropane	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
2,2-Dichloropropane	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
2-Butanone	ND	10.0		µg/L	1	3/10/2010 6:57:00 AM
2-Chlorotoluene	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
2-Hexanone	ND	10.0		µg/L	1	3/10/2010 6:57:00 AM
4-Chlorotoluene	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
4-Isopropyltoluene	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	3/10/2010 6:57:00 AM
Acetone	ND	50.0		µg/L	1	3/10/2010 6:57:00 AM
Acrylonitrile	ND	5.00		µg/L	1	3/10/2010 6:57:00 AM
Benzene	ND	0.300		µg/L	1	3/10/2010 6:57:00 AM
Bromobenzene	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
Bromochloromethane	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
Bromodichloromethane	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
Bromoform	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
Bromomethane	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
Carbon disulfide	ND	2.00		µg/L	1	3/10/2010 6:57:00 AM
Carbon tetrachloride	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
Chlorobenzene	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
Chloroethane	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
Chloroform	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
Chloromethane	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-43

Client Sample ID: GP51-W-12.5
Collection Date: 3/2/2010 9:45:00 AM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
Dibromochloromethane	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
Dibromomethane	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
Dichlorodifluoromethane	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
Ethylbenzene	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
Hexachlorobutadiene	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
Isopropylbenzene	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
m,p-Xylene	ND	2.00		µg/L	1	3/10/2010 6:57:00 AM
Methyl tert-butyl ether	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
Methylene chloride	ND	20.0		µg/L	1	3/10/2010 6:57:00 AM
n-Butylbenzene	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
n-Propylbenzene	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
Naphthalene	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
o-Xylene	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
sec-Butylbenzene	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
Styrene	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
tert-Butylbenzene	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
Tetrachloroethene	660	10.0		µg/L	10	3/11/2010 2:42:00 AM
Toluene	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
Trichloroethene	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
Trichlorofluoromethane	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
Vinyl chloride	ND	1.00		µg/L	1	3/10/2010 6:57:00 AM
Surr: 1,2-Dichloroethane-d4	98.2	72.2-129		%REC	1	3/10/2010 6:57:00 AM
Surr: 4-Bromofluorobenzene	108	73.5-125		%REC	1	3/10/2010 6:57:00 AM
Surr: Dibromofluoromethane	90.8	58.8-148		%REC	1	3/10/2010 6:57:00 AM
Surr: Toluene-d8	104	79.8-137		%REC	1	3/10/2010 6:57:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-44

Client Sample ID: GP54-W-12.5
Collection Date: 3/2/2010 10:40:00 AM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: kmn		
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
1,1-Dichloroethane	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
1,1-Dichloroethene	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
1,1-Dichloropropene	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
1,2-Dibromoethane	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
1,2-Dichloroethane	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
1,2-Dichloropropane	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
1,3-Dichloropropane	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
2,2-Dichloropropane	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
2-Butanone	ND	10.0		µg/L	1	3/10/2010 7:31:00 AM
2-Chlorotoluene	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
2-Hexanone	ND	10.0		µg/L	1	3/10/2010 7:31:00 AM
4-Chlorotoluene	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
4-Isopropyltoluene	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	3/10/2010 7:31:00 AM
Acetone	ND	50.0		µg/L	1	3/10/2010 7:31:00 AM
Acrylonitrile	ND	5.00		µg/L	1	3/10/2010 7:31:00 AM
Benzene	ND	0.300		µg/L	1	3/10/2010 7:31:00 AM
Bromobenzene	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
Bromochloromethane	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
Bromodichloromethane	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
Bromoform	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
Bromomethane	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
Carbon disulfide	ND	2.00		µg/L	1	3/10/2010 7:31:00 AM
Carbon tetrachloride	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
Chlorobenzene	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
Chloroethane	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
Chloroform	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
Chloromethane	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-44

Client Sample ID: GP54-W-12.5
Collection Date: 3/2/2010 10:40:00 AM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
Dibromochloromethane	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
Dibromomethane	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
Dichlorodifluoromethane	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
Ethylbenzene	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
Hexachlorobutadiene	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
Isopropylbenzene	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
m,p-Xylene	ND	2.00		µg/L	1	3/10/2010 7:31:00 AM
Methyl tert-butyl ether	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
Methylene chloride	ND	20.0		µg/L	1	3/10/2010 7:31:00 AM
n-Butylbenzene	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
n-Propylbenzene	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
Naphthalene	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
o-Xylene	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
sec-Butylbenzene	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
Styrene	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
tert-Butylbenzene	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
Tetrachloroethene	148	2.00		µg/L	2	3/11/2010 3:16:00 AM
Toluene	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
Trichloroethene	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
Trichlorofluoromethane	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
Vinyl chloride	ND	1.00		µg/L	1	3/10/2010 7:31:00 AM
Surr: 1,2-Dichloroethane-d4	96.8	72.2-129		%REC	1	3/10/2010 7:31:00 AM
Surr: 4-Bromofluorobenzene	103	73.5-125		%REC	1	3/10/2010 7:31:00 AM
Surr: Dibromofluoromethane	94.8	58.8-148		%REC	1	3/10/2010 7:31:00 AM
Surr: Toluene-d8	106	79.8-137		%REC	1	3/10/2010 7:31:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-45

Client Sample ID: GP53-W-12.5
Collection Date: 3/2/2010 11:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
1,1-Dichloroethane	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
1,1-Dichloroethene	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
1,1-Dichloropropene	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
1,2-Dibromoethane	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
1,2-Dichloroethane	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
1,2-Dichloropropane	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
1,3-Dichloropropane	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
2,2-Dichloropropane	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
2-Butanone	ND	10.0		µg/L	1	3/10/2010 8:06:00 AM
2-Chlorotoluene	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
2-Hexanone	ND	10.0		µg/L	1	3/10/2010 8:06:00 AM
4-Chlorotoluene	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
4-Isopropyltoluene	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	3/10/2010 8:06:00 AM
Acetone	ND	50.0		µg/L	1	3/10/2010 8:06:00 AM
Acrylonitrile	ND	5.00		µg/L	1	3/10/2010 8:06:00 AM
Benzene	ND	0.300		µg/L	1	3/10/2010 8:06:00 AM
Bromobenzene	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
Bromochloromethane	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
Bromodichloromethane	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
Bromoform	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
Bromomethane	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
Carbon disulfide	ND	2.00		µg/L	1	3/10/2010 8:06:00 AM
Carbon tetrachloride	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
Chlorobenzene	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
Chloroethane	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
Chloroform	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
Chloromethane	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-45

Client Sample ID: GP53-W-12.5
Collection Date: 3/2/2010 11:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
Dibromochloromethane	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
Dibromomethane	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
Dichlorodifluoromethane	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
Ethylbenzene	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
Hexachlorobutadiene	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
Isopropylbenzene	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
m,p-Xylene	ND	2.00		µg/L	1	3/10/2010 8:06:00 AM
Methyl tert-butyl ether	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
Methylene chloride	ND	20.0		µg/L	1	3/10/2010 8:06:00 AM
n-Butylbenzene	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
n-Propylbenzene	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
Naphthalene	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
o-Xylene	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
sec-Butylbenzene	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
Styrene	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
tert-Butylbenzene	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
Tetrachloroethene	3.38	1.00		µg/L	1	3/10/2010 8:06:00 AM
Toluene	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
Trichloroethene	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
Trichlorofluoromethane	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
Vinyl chloride	ND	1.00		µg/L	1	3/10/2010 8:06:00 AM
Surr: 1,2-Dichloroethane-d4	93.3	72.2-129		%REC	1	3/10/2010 8:06:00 AM
Surr: 4-Bromofluorobenzene	105	73.5-125		%REC	1	3/10/2010 8:06:00 AM
Surr: Dibromofluoromethane	90.3	58.8-148		%REC	1	3/10/2010 8:06:00 AM
Surr: Toluene-d8	106	79.8-137		%REC	1	3/10/2010 8:06:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-46

Client Sample ID: GP47-W-12.0
Collection Date: 3/2/2010 2:26:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS						Analyst: kmn
		SW8260B				
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM
1,1-Dichloroethane	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM
1,1-Dichloroethene	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM
1,1-Dichloropropene	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM
1,2-Dibromoethane	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM
1,2-Dichloroethane	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM
1,2-Dichloropropane	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM
1,3-Dichloropropane	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM
2,2-Dichloropropane	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM
2-Butanone	ND	10.0		µg/L	1	3/10/2010 8:40:00 AM
2-Chlorotoluene	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM
2-Hexanone	ND	10.0		µg/L	1	3/10/2010 8:40:00 AM
4-Chlorotoluene	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM
4-Isopropyltoluene	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	3/10/2010 8:40:00 AM
Acetone	ND	50.0		µg/L	1	3/10/2010 8:40:00 AM
Acrylonitrile	ND	5.00		µg/L	1	3/10/2010 8:40:00 AM
Benzene	ND	0.300		µg/L	1	3/10/2010 8:40:00 AM
Bromobenzene	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM
Bromochloromethane	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM
Bromodichloromethane	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM
Bromoform	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM
Bromomethane	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM
Carbon disulfide	ND	2.00		µg/L	1	3/10/2010 8:40:00 AM
Carbon tetrachloride	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM
Chlorobenzene	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM
Chloroethane	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM
Chloroform	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM
Chloromethane	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-46

Client Sample ID: GP47-W-12.0
Collection Date: 3/2/2010 2:26:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM
Dibromochloromethane	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM
Dibromomethane	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM
Dichlorodifluoromethane	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM
Ethylbenzene	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM
Hexachlorobutadiene	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM
Isopropylbenzene	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM
m,p-Xylene	ND	2.00		µg/L	1	3/10/2010 8:40:00 AM
Methyl tert-butyl ether	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM
Methylene chloride	ND	20.0		µg/L	1	3/10/2010 8:40:00 AM
n-Butylbenzene	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM
n-Propylbenzene	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM
Naphthalene	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM
o-Xylene	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM
sec-Butylbenzene	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM
Styrene	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM
tert-Butylbenzene	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM
Tetrachloroethene	5090	50.0		µg/L	50	3/11/2010 3:50:00 AM
Toluene	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM
Trichloroethene	12.1	1.00		µg/L	1	3/10/2010 8:40:00 AM
Trichlorofluoromethane	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM
Vinyl chloride	ND	1.00		µg/L	1	3/10/2010 8:40:00 AM
Surr: 1,2-Dichloroethane-d4	101	72.2-129		%REC	1	3/10/2010 8:40:00 AM
Surr: 4-Bromofluorobenzene	107	73.5-125		%REC	1	3/10/2010 8:40:00 AM
Surr: Dibromofluoromethane	98.8	58.8-148		%REC	1	3/10/2010 8:40:00 AM
Surr: Toluene-d8	101	79.8-137		%REC	1	3/10/2010 8:40:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-47

Client Sample ID: GP52-W-12.5
Collection Date: 3/3/2010 9:10:00 AM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS						Analyst: kmn
		SW8260B				
1,1,1,2-Tetrachloroethane	3.63	1.00		µg/L	1	3/10/2010 9:14:00 AM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	3/10/2010 9:14:00 AM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	3/10/2010 9:14:00 AM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	3/10/2010 9:14:00 AM
1,1-Dichloroethane	ND	1.00		µg/L	1	3/10/2010 9:14:00 AM
1,1-Dichloroethene	ND	1.00		µg/L	1	3/10/2010 9:14:00 AM
1,1-Dichloropropene	ND	1.00		µg/L	1	3/10/2010 9:14:00 AM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	3/10/2010 9:14:00 AM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	3/10/2010 9:14:00 AM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	3/10/2010 9:14:00 AM
1,2,4-Trimethylbenzene	1.57	1.00		µg/L	1	3/10/2010 9:14:00 AM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	3/10/2010 9:14:00 AM
1,2-Dibromoethane	ND	1.00		µg/L	1	3/10/2010 9:14:00 AM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	3/10/2010 9:14:00 AM
1,2-Dichloroethane	ND	1.00		µg/L	1	3/10/2010 9:14:00 AM
1,2-Dichloropropane	ND	1.00		µg/L	1	3/10/2010 9:14:00 AM
1,3,5-Trimethylbenzene	1.02	1.00		µg/L	1	3/10/2010 9:14:00 AM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	3/10/2010 9:14:00 AM
1,3-Dichloropropane	ND	1.00		µg/L	1	3/10/2010 9:14:00 AM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	3/10/2010 9:14:00 AM
2,2-Dichloropropane	ND	1.00		µg/L	1	3/10/2010 9:14:00 AM
2-Butanone	ND	10.0		µg/L	1	3/10/2010 9:14:00 AM
2-Chlorotoluene	ND	1.00		µg/L	1	3/10/2010 9:14:00 AM
2-Hexanone	ND	10.0		µg/L	1	3/10/2010 9:14:00 AM
4-Chlorotoluene	ND	1.00		µg/L	1	3/10/2010 9:14:00 AM
4-Isopropyltoluene	ND	1.00		µg/L	1	3/10/2010 9:14:00 AM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	3/10/2010 9:14:00 AM
Acetone	ND	50.0		µg/L	1	3/10/2010 9:14:00 AM
Acrylonitrile	ND	5.00		µg/L	1	3/10/2010 9:14:00 AM
Benzene	ND	0.300		µg/L	1	3/10/2010 9:14:00 AM
Bromobenzene	ND	1.00		µg/L	1	3/10/2010 9:14:00 AM
Bromochloromethane	ND	1.00		µg/L	1	3/10/2010 9:14:00 AM
Bromodichloromethane	ND	1.00		µg/L	1	3/10/2010 9:14:00 AM
Bromoform	ND	1.00		µg/L	1	3/10/2010 9:14:00 AM
Bromomethane	ND	1.00		µg/L	1	3/10/2010 9:14:00 AM
Carbon disulfide	ND	2.00		µg/L	1	3/10/2010 9:14:00 AM
Carbon tetrachloride	ND	1.00		µg/L	1	3/10/2010 9:14:00 AM
Chlorobenzene	ND	1.00		µg/L	1	3/10/2010 9:14:00 AM
Chloroethane	ND	1.00		µg/L	1	3/10/2010 9:14:00 AM
Chloroform	ND	1.00		µg/L	1	3/10/2010 9:14:00 AM
Chloromethane	ND	1.00		µg/L	1	3/10/2010 9:14:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-47

Client Sample ID: GP52-W-12.5
Collection Date: 3/3/2010 9:10:00 AM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	3/10/2010 9:14:00 AM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	3/10/2010 9:14:00 AM
Dibromochloromethane	ND	1.00		µg/L	1	3/10/2010 9:14:00 AM
Dibromomethane	ND	1.00		µg/L	1	3/10/2010 9:14:00 AM
Dichlorodifluoromethane	ND	1.00		µg/L	1	3/10/2010 9:14:00 AM
Ethylbenzene	ND	1.00		µg/L	1	3/10/2010 9:14:00 AM
Hexachlorobutadiene	ND	1.00		µg/L	1	3/10/2010 9:14:00 AM
Isopropylbenzene	ND	1.00		µg/L	1	3/10/2010 9:14:00 AM
m,p-Xylene	ND	2.00		µg/L	1	3/10/2010 9:14:00 AM
Methyl tert-butyl ether	ND	1.00		µg/L	1	3/10/2010 9:14:00 AM
Methylene chloride	ND	20.0		µg/L	1	3/10/2010 9:14:00 AM
n-Butylbenzene	ND	1.00		µg/L	1	3/10/2010 9:14:00 AM
n-Propylbenzene	ND	1.00		µg/L	1	3/10/2010 9:14:00 AM
Naphthalene	1.51	1.00	B	µg/L	1	3/10/2010 9:14:00 AM
o-Xylene	ND	1.00		µg/L	1	3/10/2010 9:14:00 AM
sec-Butylbenzene	ND	1.00		µg/L	1	3/10/2010 9:14:00 AM
Styrene	ND	1.00		µg/L	1	3/10/2010 9:14:00 AM
tert-Butylbenzene	ND	1.00		µg/L	1	3/10/2010 9:14:00 AM
Tetrachloroethene	37700	250		µg/L	250	3/11/2010 12:39:00 PM
Toluene	ND	1.00		µg/L	1	3/10/2010 9:14:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	3/10/2010 9:14:00 AM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	3/10/2010 9:14:00 AM
Trichloroethene	20.4	1.00		µg/L	1	3/10/2010 9:14:00 AM
Trichlorofluoromethane	ND	1.00		µg/L	1	3/10/2010 9:14:00 AM
Vinyl chloride	ND	1.00		µg/L	1	3/10/2010 9:14:00 AM
Surr: 1,2-Dichloroethane-d4	114	72.2-129		%REC	1	3/10/2010 9:14:00 AM
Surr: 4-Bromofluorobenzene	110	73.5-125		%REC	1	3/10/2010 9:14:00 AM
Surr: Dibromofluoromethane	108	58.8-148		%REC	1	3/10/2010 9:14:00 AM
Surr: Toluene-d8	90.6	79.8-137		%REC	1	3/10/2010 9:14:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-48

Client Sample ID: GP48-W-12.5
Collection Date: 3/3/2010 10:00:00 AM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM
1,1-Dichloroethane	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM
1,1-Dichloroethene	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM
1,1-Dichloropropene	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM
1,2-Dibromoethane	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM
1,2-Dichloroethane	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM
1,2-Dichloropropane	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM
1,3-Dichloropropane	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM
2,2-Dichloropropane	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM
2-Butanone	ND	10.0		µg/L	1	3/10/2010 9:48:00 AM
2-Chlorotoluene	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM
2-Hexanone	ND	10.0		µg/L	1	3/10/2010 9:48:00 AM
4-Chlorotoluene	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM
4-Isopropyltoluene	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	3/10/2010 9:48:00 AM
Acetone	ND	50.0		µg/L	1	3/10/2010 9:48:00 AM
Acrylonitrile	ND	5.00		µg/L	1	3/10/2010 9:48:00 AM
Benzene	ND	0.300		µg/L	1	3/10/2010 9:48:00 AM
Bromobenzene	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM
Bromochloromethane	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM
Bromodichloromethane	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM
Bromoform	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM
Bromomethane	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM
Carbon disulfide	ND	2.00		µg/L	1	3/10/2010 9:48:00 AM
Carbon tetrachloride	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM
Chlorobenzene	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM
Chloroethane	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM
Chloroform	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM
Chloromethane	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-48

Client Sample ID: GP48-W-12.5
Collection Date: 3/3/2010 10:00:00 AM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM
Dibromochloromethane	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM
Dibromomethane	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM
Dichlorodifluoromethane	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM
Ethylbenzene	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM
Hexachlorobutadiene	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM
Isopropylbenzene	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM
m,p-Xylene	ND	2.00		µg/L	1	3/10/2010 9:48:00 AM
Methyl tert-butyl ether	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM
Methylene chloride	ND	20.0		µg/L	1	3/10/2010 9:48:00 AM
n-Butylbenzene	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM
n-Propylbenzene	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM
Naphthalene	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM
o-Xylene	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM
sec-Butylbenzene	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM
Styrene	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM
tert-Butylbenzene	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM
Tetrachloroethene	915	10.0		µg/L	10	3/11/2010 1:14:00 PM
Toluene	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM
Trichloroethene	1.31	1.00		µg/L	1	3/10/2010 9:48:00 AM
Trichlorofluoromethane	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM
Vinyl chloride	ND	1.00		µg/L	1	3/10/2010 9:48:00 AM
Surr: 1,2-Dichloroethane-d4	93.7	72.2-129		%REC	1	3/10/2010 9:48:00 AM
Surr: 4-Bromofluorobenzene	107	73.5-125		%REC	1	3/10/2010 9:48:00 AM
Surr: Dibromofluoromethane	91.2	58.8-148		%REC	1	3/10/2010 9:48:00 AM
Surr: Toluene-d8	104	79.8-137		%REC	1	3/10/2010 9:48:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-49

Client Sample ID: GP47-S-0.5
Collection Date: 3/2/2010 2:11:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
1,1,1-Trichloroethane	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
1,1,2,2-Tetrachloroethane	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
1,1,2-Trichloroethane	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
1,1-Dichloroethane	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
1,1-Dichloroethene	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
1,1-Dichloropropene	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
1,2,3-Trichlorobenzene	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
1,2,3-Trichloropropane	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
1,2,4-Trichlorobenzene	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
1,2,4-Trimethylbenzene	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
1,2-Dibromo-3-chloropropane	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
1,2-Dibromoethane	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
1,2-Dichlorobenzene	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
1,2-Dichloroethane	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
1,2-Dichloropropane	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
1,3,5-Trimethylbenzene	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
1,3-Dichlorobenzene	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
1,3-Dichloropropane	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
1,4-Dichlorobenzene	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
2,2-Dichloropropane	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
2-Butanone	ND	74.3		ug/Kg-dry	1	3/8/2010 7:39:00 PM
2-Chlorotoluene	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
2-Hexanone	ND	37.2		ug/Kg-dry	1	3/8/2010 7:39:00 PM
4-Chlorotoluene	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
4-Isopropyltoluene	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
4-Methyl-2-pentanone	ND	74.3		ug/Kg-dry	1	3/8/2010 7:39:00 PM
Acetone	370	186		ug/Kg-dry	1	3/8/2010 7:39:00 PM
Benzene	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
Bromobenzene	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
Bromochloromethane	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
Bromodichloromethane	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
Bromoform	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
Bromomethane	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
Carbon Disulfide	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
Carbon tetrachloride	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
Chlorobenzene	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
Chloroethane	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
Chloroform	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
Chloromethane	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
cis-1,2-Dichloroethene	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-49

Client Sample ID: GP47-S-0.5
Collection Date: 3/2/2010 2:11:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
Dibromochloromethane	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
Dibromomethane	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
Dichlorodifluoromethane	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
Ethylbenzene	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
Hexachlorobutadiene	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
Isopropylbenzene	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
m,p-Xylene	ND	37.2		ug/Kg-dry	1	3/8/2010 7:39:00 PM
Methyl tert-butyl ether	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
Methylene Chloride	ND	92.9		ug/Kg-dry	1	3/8/2010 7:39:00 PM
n-Butylbenzene	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
n-Propylbenzene	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
Naphthalene	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
o-Xylene	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
sec-Butylbenzene	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
Styrene	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
tert-Butylbenzene	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
Tetrachloroethene	19.8	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
Toluene	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
trans-1,2-Dichloroethene	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
trans-1,3-Dichloropropene	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
Trichloroethene	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
Trichlorofluoromethane	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
Vinyl Chloride	ND	18.6		ug/Kg-dry	1	3/8/2010 7:39:00 PM
Surr: 1,2-Dichloroethane-d4	121	71.5-112	S	%REC	1	3/8/2010 7:39:00 PM
Surr: 4-Bromofluorobenzene	100	75.7-122		%REC	1	3/8/2010 7:39:00 PM
Surr: Dibromofluoromethane	104	64.3-124		%REC	1	3/8/2010 7:39:00 PM
Surr: Toluene-d8	117	74.9-120		%REC	1	3/8/2010 7:39:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-50

Client Sample ID: GP47-S-2.5
Collection Date: 3/2/2010 2:20:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/15/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-51

Client Sample ID: GP47-S-5.0
Collection Date: 3/2/2010 2:25:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
1,1,1-Trichloroethane	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
1,1,2,2-Tetrachloroethane	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
1,1,2-Trichloroethane	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
1,1-Dichloroethane	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
1,1-Dichloroethene	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
1,1-Dichloropropene	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
1,2,3-Trichlorobenzene	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
1,2,3-Trichloropropane	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
1,2,4-Trichlorobenzene	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
1,2,4-Trimethylbenzene	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
1,2-Dibromo-3-chloropropane	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
1,2-Dibromoethane	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
1,2-Dichlorobenzene	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
1,2-Dichloroethane	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
1,2-Dichloropropane	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
1,3,5-Trimethylbenzene	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
1,3-Dichlorobenzene	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
1,3-Dichloropropane	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
1,4-Dichlorobenzene	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
2,2-Dichloropropane	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
2-Butanone	ND	50.1		ug/Kg-dry	1	3/8/2010 8:14:00 PM
2-Chlorotoluene	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
2-Hexanone	ND	25.1		ug/Kg-dry	1	3/8/2010 8:14:00 PM
4-Chlorotoluene	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
4-Isopropyltoluene	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
4-Methyl-2-pentanone	ND	50.1		ug/Kg-dry	1	3/8/2010 8:14:00 PM
Acetone	ND	125		ug/Kg-dry	1	3/8/2010 8:14:00 PM
Benzene	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
Bromobenzene	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
Bromochloromethane	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
Bromodichloromethane	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
Bromoform	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
Bromomethane	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
Carbon Disulfide	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
Carbon tetrachloride	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
Chlorobenzene	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
Chloroethane	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
Chloroform	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
Chloromethane	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
cis-1,2-Dichloroethene	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-51

Client Sample ID: GP47-S-5.0
Collection Date: 3/2/2010 2:25:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
Dibromochloromethane	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
Dibromomethane	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
Dichlorodifluoromethane	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
Ethylbenzene	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
Hexachlorobutadiene	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
Isopropylbenzene	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
m,p-Xylene	ND	25.1		ug/Kg-dry	1	3/8/2010 8:14:00 PM
Methyl tert-butyl ether	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
Methylene Chloride	ND	62.7		ug/Kg-dry	1	3/8/2010 8:14:00 PM
n-Butylbenzene	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
n-Propylbenzene	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
Naphthalene	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
o-Xylene	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
sec-Butylbenzene	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
Styrene	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
tert-Butylbenzene	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
Tetrachloroethene	31.1	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
Toluene	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
trans-1,2-Dichloroethene	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
trans-1,3-Dichloropropene	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
Trichloroethene	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
Trichlorofluoromethane	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
Vinyl Chloride	ND	12.5		ug/Kg-dry	1	3/8/2010 8:14:00 PM
Surr: 1,2-Dichloroethane-d4	116	71.5-112	S	%REC	1	3/8/2010 8:14:00 PM
Surr: 4-Bromofluorobenzene	104	75.7-122		%REC	1	3/8/2010 8:14:00 PM
Surr: Dibromofluoromethane	102	64.3-124		%REC	1	3/8/2010 8:14:00 PM
Surr: Toluene-d8	119	74.9-120		%REC	1	3/8/2010 8:14:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: GP47-S-12.0

Lab Order: 1003038

Collection Date: 3/2/2010 2:30:00 PM

Project: URIC / 8006.31.01

Lab ID: 1003038-52

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS						
		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
1,1,1-Trichloroethane	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
1,1,2,2-Tetrachloroethane	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
1,1,2-Trichloroethane	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
1,1-Dichloroethane	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
1,1-Dichloroethene	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
1,1-Dichloropropene	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
1,2,3-Trichlorobenzene	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
1,2,3-Trichloropropane	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
1,2,4-Trichlorobenzene	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
1,2,4-Trimethylbenzene	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
1,2-Dibromo-3-chloropropane	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
1,2-Dibromoethane	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
1,2-Dichlorobenzene	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
1,2-Dichloroethane	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
1,2-Dichloropropane	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
1,3,5-Trimethylbenzene	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
1,3-Dichlorobenzene	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
1,3-Dichloropropane	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
1,4-Dichlorobenzene	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
2,2-Dichloropropane	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
2-Butanone	ND	48.2		ug/Kg-dry	1	3/8/2010 8:49:00 PM
2-Chlorotoluene	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
2-Hexanone	ND	24.1		ug/Kg-dry	1	3/8/2010 8:49:00 PM
4-Chlorotoluene	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
4-Isopropyltoluene	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
4-Methyl-2-pentanone	ND	48.2		ug/Kg-dry	1	3/8/2010 8:49:00 PM
Acetone	ND	120		ug/Kg-dry	1	3/8/2010 8:49:00 PM
Benzene	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
Bromobenzene	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
Bromochloromethane	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
Bromodichloromethane	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
Bromoform	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
Bromomethane	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
Carbon Disulfide	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
Carbon tetrachloride	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
Chlorobenzene	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
Chloroethane	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
Chloroform	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
Chloromethane	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
cis-1,2-Dichloroethene	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-52

Client Sample ID: GP47-S-12.0
Collection Date: 3/2/2010 2:30:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
Dibromochloromethane	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
Dibromomethane	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
Dichlorodifluoromethane	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
Ethylbenzene	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
Hexachlorobutadiene	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
Isopropylbenzene	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
m,p-Xylene	ND	24.1		ug/Kg-dry	1	3/8/2010 8:49:00 PM
Methyl tert-butyl ether	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
Methylene Chloride	ND	60.2		ug/Kg-dry	1	3/8/2010 8:49:00 PM
n-Butylbenzene	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
n-Propylbenzene	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
Naphthalene	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
o-Xylene	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
sec-Butylbenzene	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
Styrene	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
tert-Butylbenzene	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
Tetrachloroethene	7920	1300		ug/Kg-dry	100	3/9/2010 1:44:00 PM
Toluene	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
trans-1,2-Dichloroethene	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
trans-1,3-Dichloropropene	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
Trichloroethene	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
Trichlorofluoromethane	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
Vinyl Chloride	ND	12.0		ug/Kg-dry	1	3/8/2010 8:49:00 PM
Surr: 1,2-Dichloroethane-d4	118	71.5-112	S	%REC	1	3/8/2010 8:49:00 PM
Surr: 4-Bromofluorobenzene	102	75.7-122		%REC	1	3/8/2010 8:49:00 PM
Surr: Dibromofluoromethane	103	64.3-124		%REC	1	3/8/2010 8:49:00 PM
Surr: Toluene-d8	112	74.9-120		%REC	1	3/8/2010 8:49:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-53

Client Sample ID: GP52-S-0.5
Collection Date: 3/3/2010 8:20:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
1,1,1-Trichloroethane	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
1,1,2,2-Tetrachloroethane	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
1,1,2-Trichloroethane	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
1,1-Dichloroethane	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
1,1-Dichloroethene	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
1,1-Dichloropropene	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
1,2,3-Trichlorobenzene	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
1,2,3-Trichloropropane	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
1,2,4-Trichlorobenzene	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
1,2,4-Trimethylbenzene	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
1,2-Dibromo-3-chloropropane	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
1,2-Dibromoethane	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
1,2-Dichlorobenzene	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
1,2-Dichloroethane	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
1,2-Dichloropropane	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
1,3,5-Trimethylbenzene	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
1,3-Dichlorobenzene	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
1,3-Dichloropropane	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
1,4-Dichlorobenzene	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
2,2-Dichloropropane	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
2-Butanone	ND	29.7		ug/Kg-dry	1	3/9/2010 12:01:00 PM
2-Chlorotoluene	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
2-Hexanone	ND	14.9		ug/Kg-dry	1	3/9/2010 12:01:00 PM
4-Chlorotoluene	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
4-Isopropyltoluene	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
4-Methyl-2-pentanone	ND	29.7		ug/Kg-dry	1	3/9/2010 12:01:00 PM
Acetone	167	74.4		ug/Kg-dry	1	3/9/2010 12:01:00 PM
Benzene	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
Bromobenzene	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
Bromochloromethane	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
Bromodichloromethane	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
Bromoform	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
Bromomethane	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
Carbon Disulfide	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
Carbon tetrachloride	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
Chlorobenzene	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
Chloroethane	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
Chloroform	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
Chloromethane	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
cis-1,2-Dichloroethene	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-53

Client Sample ID: GP52-S-0.5
Collection Date: 3/3/2010 8:20:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
Dibromochloromethane	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
Dibromomethane	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
Dichlorodifluoromethane	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
Ethylbenzene	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
Hexachlorobutadiene	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
Isopropylbenzene	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
m,p-Xylene	ND	14.9		ug/Kg-dry	1	3/9/2010 12:01:00 PM
Methyl tert-butyl ether	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
Methylene Chloride	ND	37.2		ug/Kg-dry	1	3/9/2010 12:01:00 PM
n-Butylbenzene	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
n-Propylbenzene	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
Naphthalene	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
o-Xylene	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
sec-Butylbenzene	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
Styrene	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
tert-Butylbenzene	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
Tetrachloroethene	33.7	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
Toluene	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
trans-1,2-Dichloroethene	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
trans-1,3-Dichloropropene	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
Trichloroethene	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
Trichlorofluoromethane	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
Vinyl Chloride	ND	7.44		ug/Kg-dry	1	3/9/2010 12:01:00 PM
Surr: 1,2-Dichloroethane-d4	145	71.5-112	S	%REC	1	3/9/2010 12:01:00 PM
Surr: 4-Bromofluorobenzene	107	75.7-122		%REC	1	3/9/2010 12:01:00 PM
Surr: Dibromofluoromethane	112	64.3-124		%REC	1	3/9/2010 12:01:00 PM
Surr: Toluene-d8	112	74.9-120		%REC	1	3/9/2010 12:01:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-54

Client Sample ID: GP52-S-2.5
Collection Date: 3/3/2010 8:30:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/15/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-55

Client Sample ID: GP52-S-5.0
Collection Date: 3/3/2010 8:40:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
1,1,1-Trichloroethane	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
1,1,2,2-Tetrachloroethane	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
1,1,2-Trichloroethane	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
1,1-Dichloroethane	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
1,1-Dichloroethene	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
1,1-Dichloropropene	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
1,2,3-Trichlorobenzene	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
1,2,3-Trichloropropane	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
1,2,4-Trichlorobenzene	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
1,2,4-Trimethylbenzene	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
1,2-Dibromo-3-chloropropane	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
1,2-Dibromoethane	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
1,2-Dichlorobenzene	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
1,2-Dichloroethane	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
1,2-Dichloropropane	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
1,3,5-Trimethylbenzene	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
1,3-Dichlorobenzene	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
1,3-Dichloropropane	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
1,4-Dichlorobenzene	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
2,2-Dichloropropane	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
2-Butanone	ND	29.3		ug/Kg-dry	1	3/8/2010 9:57:00 PM
2-Chlorotoluene	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
2-Hexanone	ND	14.7		ug/Kg-dry	1	3/8/2010 9:57:00 PM
4-Chlorotoluene	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
4-Isopropyltoluene	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
4-Methyl-2-pentanone	ND	29.3		ug/Kg-dry	1	3/8/2010 9:57:00 PM
Acetone	ND	73.3		ug/Kg-dry	1	3/8/2010 9:57:00 PM
Benzene	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
Bromobenzene	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
Bromochloromethane	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
Bromodichloromethane	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
Bromoform	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
Bromomethane	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
Carbon Disulfide	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
Carbon tetrachloride	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
Chlorobenzene	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
Chloroethane	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
Chloroform	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
Chloromethane	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
cis-1,2-Dichloroethene	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-55

Client Sample ID: GP52-S-5.0
Collection Date: 3/3/2010 8:40:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
Dibromochloromethane	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
Dibromomethane	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
Dichlorodifluoromethane	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
Ethylbenzene	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
Hexachlorobutadiene	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
Isopropylbenzene	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
m,p-Xylene	ND	14.7		ug/Kg-dry	1	3/8/2010 9:57:00 PM
Methyl tert-butyl ether	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
Methylene Chloride	ND	36.6		ug/Kg-dry	1	3/8/2010 9:57:00 PM
n-Butylbenzene	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
n-Propylbenzene	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
Naphthalene	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
o-Xylene	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
sec-Butylbenzene	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
Styrene	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
tert-Butylbenzene	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
Tetrachloroethene	11.9	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
Toluene	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
trans-1,2-Dichloroethene	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
trans-1,3-Dichloropropene	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
Trichloroethene	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
Trichlorofluoromethane	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
Vinyl Chloride	ND	7.33		ug/Kg-dry	1	3/8/2010 9:57:00 PM
Surr: 1,2-Dichloroethane-d4	122	71.5-112	S	%REC	1	3/8/2010 9:57:00 PM
Surr: 4-Bromofluorobenzene	104	75.7-122		%REC	1	3/8/2010 9:57:00 PM
Surr: Dibromofluoromethane	106	64.3-124		%REC	1	3/8/2010 9:57:00 PM
Surr: Toluene-d8	116	74.9-120		%REC	1	3/8/2010 9:57:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-56

Client Sample ID: GP52-S-12.5
Collection Date: 3/3/2010 8:50:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
1,1,1-Trichloroethane	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
1,1,2,2-Tetrachloroethane	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
1,1,2-Trichloroethane	266	7.82	E	ug/Kg-dry	1	3/8/2010 10:32:00 PM
1,1-Dichloroethane	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
1,1-Dichloroethene	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
1,1-Dichloropropene	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
1,2,3-Trichlorobenzene	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
1,2,3-Trichloropropane	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
1,2,4-Trichlorobenzene	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
1,2,4-Trimethylbenzene	19.4	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
1,2-Dibromo-3-chloropropane	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
1,2-Dibromoethane	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
1,2-Dichlorobenzene	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
1,2-Dichloroethane	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
1,2-Dichloropropane	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
1,3,5-Trimethylbenzene	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
1,3-Dichlorobenzene	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
1,3-Dichloropropane	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
1,4-Dichlorobenzene	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
2,2-Dichloropropane	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
2-Butanone	ND	31.3		ug/Kg-dry	1	3/8/2010 10:32:00 PM
2-Chlorotoluene	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
2-Hexanone	ND	15.6		ug/Kg-dry	1	3/8/2010 10:32:00 PM
4-Chlorotoluene	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
4-Isopropyltoluene	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
4-Methyl-2-pentanone	ND	31.3		ug/Kg-dry	1	3/8/2010 10:32:00 PM
Acetone	ND	78.2		ug/Kg-dry	1	3/8/2010 10:32:00 PM
Benzene	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
Bromobenzene	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
Bromochloromethane	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
Bromodichloromethane	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
Bromoform	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
Bromomethane	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
Carbon Disulfide	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
Carbon tetrachloride	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
Chlorobenzene	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
Chloroethane	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
Chloroform	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
Chloromethane	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
cis-1,2-Dichloroethene	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-56

Client Sample ID: GP52-S-12.5
Collection Date: 3/3/2010 8:50:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
Dibromochloromethane	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
Dibromomethane	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
Dichlorodifluoromethane	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
Ethylbenzene	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
Hexachlorobutadiene	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
Isopropylbenzene	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
m,p-Xylene	ND	15.6		ug/Kg-dry	1	3/8/2010 10:32:00 PM
Methyl tert-butyl ether	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
Methylene Chloride	ND	39.1		ug/Kg-dry	1	3/8/2010 10:32:00 PM
n-Butylbenzene	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
n-Propylbenzene	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
Naphthalene	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
o-Xylene	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
sec-Butylbenzene	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
Styrene	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
tert-Butylbenzene	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
Tetrachloroethene	316000	78100		ug/Kg-dry	10000	3/9/2010 1:10:00 PM
Toluene	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
trans-1,2-Dichloroethene	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
trans-1,3-Dichloropropene	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
Trichloroethene	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
Trichlorofluoromethane	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
Vinyl Chloride	ND	7.82		ug/Kg-dry	1	3/8/2010 10:32:00 PM
Surr: 1,2-Dichloroethane-d4	129	71.5-112	S	%REC	1	3/8/2010 10:32:00 PM
Surr: 4-Bromofluorobenzene	121	75.7-122		%REC	1	3/8/2010 10:32:00 PM
Surr: Dibromofluoromethane	107	64.3-124		%REC	1	3/8/2010 10:32:00 PM
Surr: Toluene-d8	118	74.9-120		%REC	1	3/8/2010 10:32:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-57

Client Sample ID: GP48-S-0.5
Collection Date: 3/3/2010 9:20:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
1,1,1-Trichloroethane	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
1,1,2,2-Tetrachloroethane	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
1,1,2-Trichloroethane	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
1,1-Dichloroethane	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
1,1-Dichloroethene	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
1,1-Dichloropropene	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
1,2,3-Trichlorobenzene	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
1,2,3-Trichloropropane	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
1,2,4-Trichlorobenzene	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
1,2,4-Trimethylbenzene	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
1,2-Dibromo-3-chloropropane	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
1,2-Dibromoethane	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
1,2-Dichlorobenzene	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
1,2-Dichloroethane	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
1,2-Dichloropropane	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
1,3,5-Trimethylbenzene	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
1,3-Dichlorobenzene	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
1,3-Dichloropropane	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
1,4-Dichlorobenzene	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
2,2-Dichloropropane	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
2-Butanone	ND	31.7		ug/Kg-dry	1	3/9/2010 12:35:00 PM
2-Chlorotoluene	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
2-Hexanone	ND	15.9		ug/Kg-dry	1	3/9/2010 12:35:00 PM
4-Chlorotoluene	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
4-Isopropyltoluene	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
4-Methyl-2-pentanone	ND	31.7		ug/Kg-dry	1	3/9/2010 12:35:00 PM
Acetone	202	79.3		ug/Kg-dry	1	3/9/2010 12:35:00 PM
Benzene	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
Bromobenzene	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
Bromochloromethane	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
Bromodichloromethane	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
Bromoform	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
Bromomethane	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
Carbon Disulfide	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
Carbon tetrachloride	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
Chlorobenzene	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
Chloroethane	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
Chloroform	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
Chloromethane	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
cis-1,2-Dichloroethene	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-57

Client Sample ID: GP48-S-0.5
Collection Date: 3/3/2010 9:20:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
Dibromochloromethane	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
Dibromomethane	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
Dichlorodifluoromethane	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
Ethylbenzene	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
Hexachlorobutadiene	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
Isopropylbenzene	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
m,p-Xylene	ND	15.9		ug/Kg-dry	1	3/9/2010 12:35:00 PM
Methyl tert-butyl ether	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
Methylene Chloride	ND	39.7		ug/Kg-dry	1	3/9/2010 12:35:00 PM
n-Butylbenzene	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
n-Propylbenzene	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
Naphthalene	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
o-Xylene	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
sec-Butylbenzene	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
Styrene	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
tert-Butylbenzene	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
Tetrachloroethene	24.3	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
Toluene	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
trans-1,2-Dichloroethene	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
trans-1,3-Dichloropropene	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
Trichloroethene	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
Trichlorofluoromethane	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
Vinyl Chloride	ND	7.93		ug/Kg-dry	1	3/9/2010 12:35:00 PM
Surr: 1,2-Dichloroethane-d4	141	71.5-112	S	%REC	1	3/9/2010 12:35:00 PM
Surr: 4-Bromofluorobenzene	108	75.7-122		%REC	1	3/9/2010 12:35:00 PM
Surr: Dibromofluoromethane	111	64.3-124		%REC	1	3/9/2010 12:35:00 PM
Surr: Toluene-d8	114	74.9-120		%REC	1	3/9/2010 12:35:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: GP48-S-2.5

Lab Order: 1003038

Collection Date: 3/3/2010 9:30:00 AM

Project: URIC / 8006.31.01

Lab ID: 1003038-58

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/15/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-59

Client Sample ID: GP48-S-5.0
Collection Date: 3/3/2010 9:40:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
1,1,1-Trichloroethane	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
1,1,2,2-Tetrachloroethane	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
1,1,2-Trichloroethane	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
1,1-Dichloroethane	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
1,1-Dichloroethene	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
1,1-Dichloropropene	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
1,2,3-Trichlorobenzene	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
1,2,3-Trichloropropane	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
1,2,4-Trichlorobenzene	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
1,2,4-Trimethylbenzene	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
1,2-Dibromo-3-chloropropane	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
1,2-Dibromoethane	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
1,2-Dichlorobenzene	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
1,2-Dichloroethane	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
1,2-Dichloropropane	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
1,3,5-Trimethylbenzene	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
1,3-Dichlorobenzene	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
1,3-Dichloropropane	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
1,4-Dichlorobenzene	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
2,2-Dichloropropane	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
2-Butanone	ND	28.7		ug/Kg-dry	1	3/9/2010 2:22:00 PM
2-Chlorotoluene	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
2-Hexanone	ND	14.3		ug/Kg-dry	1	3/9/2010 2:22:00 PM
4-Chlorotoluene	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
4-Isopropyltoluene	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
4-Methyl-2-pentanone	ND	28.7		ug/Kg-dry	1	3/9/2010 2:22:00 PM
Acetone	ND	71.7		ug/Kg-dry	1	3/9/2010 2:22:00 PM
Benzene	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
Bromobenzene	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
Bromochloromethane	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
Bromodichloromethane	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
Bromoform	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
Bromomethane	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
Carbon Disulfide	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
Carbon tetrachloride	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
Chlorobenzene	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
Chloroethane	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
Chloroform	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
Chloromethane	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
cis-1,2-Dichloroethene	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: GP48-S-5.0

Lab Order: 1003038

Collection Date: 3/3/2010 9:40:00 AM

Project: URIC / 8006.31.01

Lab ID: 1003038-59

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
Dibromochloromethane	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
Dibromomethane	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
Dichlorodifluoromethane	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
Ethylbenzene	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
Hexachlorobutadiene	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
Isopropylbenzene	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
m,p-Xylene	ND	14.3		ug/Kg-dry	1	3/9/2010 2:22:00 PM
Methyl tert-butyl ether	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
Methylene Chloride	ND	35.8		ug/Kg-dry	1	3/9/2010 2:22:00 PM
n-Butylbenzene	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
n-Propylbenzene	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
Naphthalene	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
o-Xylene	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
sec-Butylbenzene	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
Styrene	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
tert-Butylbenzene	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
Tetrachloroethene	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
Toluene	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
trans-1,2-Dichloroethene	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
trans-1,3-Dichloropropene	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
Trichloroethene	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
Trichlorofluoromethane	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
Vinyl Chloride	ND	7.17		ug/Kg-dry	1	3/9/2010 2:22:00 PM
Surr: 1,2-Dichloroethane-d4	146	71.5-112	S	%REC	1	3/9/2010 2:22:00 PM
Surr: 4-Bromofluorobenzene	110	75.7-122		%REC	1	3/9/2010 2:22:00 PM
Surr: Dibromofluoromethane	115	64.3-124		%REC	1	3/9/2010 2:22:00 PM
Surr: Toluene-d8	113	74.9-120		%REC	1	3/9/2010 2:22:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-60

Client Sample ID: GP48-S-12.5
Collection Date: 3/3/2010 9:50:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
1,1,1-Trichloroethane	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
1,1,2,2-Tetrachloroethane	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
1,1,2-Trichloroethane	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
1,1-Dichloroethane	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
1,1-Dichloroethene	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
1,1-Dichloropropene	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
1,2,3-Trichlorobenzene	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
1,2,3-Trichloropropane	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
1,2,4-Trichlorobenzene	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
1,2,4-Trimethylbenzene	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
1,2-Dibromo-3-chloropropane	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
1,2-Dibromoethane	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
1,2-Dichlorobenzene	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
1,2-Dichloroethane	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
1,2-Dichloropropane	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
1,3,5-Trimethylbenzene	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
1,3-Dichlorobenzene	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
1,3-Dichloropropane	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
1,4-Dichlorobenzene	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
2,2-Dichloropropane	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
2-Butanone	ND	30.9		ug/Kg-dry	1	3/9/2010 2:57:00 PM
2-Chlorotoluene	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
2-Hexanone	ND	15.4		ug/Kg-dry	1	3/9/2010 2:57:00 PM
4-Chlorotoluene	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
4-Isopropyltoluene	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
4-Methyl-2-pentanone	ND	30.9		ug/Kg-dry	1	3/9/2010 2:57:00 PM
Acetone	ND	77.1		ug/Kg-dry	1	3/9/2010 2:57:00 PM
Benzene	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
Bromobenzene	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
Bromochloromethane	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
Bromodichloromethane	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
Bromoform	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
Bromomethane	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
Carbon Disulfide	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
Carbon tetrachloride	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
Chlorobenzene	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
Chloroethane	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
Chloroform	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
Chloromethane	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
cis-1,2-Dichloroethene	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-60

Client Sample ID: GP48-S-12.5
Collection Date: 3/3/2010 9:50:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
Dibromochloromethane	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
Dibromomethane	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
Dichlorodifluoromethane	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
Ethylbenzene	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
Hexachlorobutadiene	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
Isopropylbenzene	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
m,p-Xylene	ND	15.4		ug/Kg-dry	1	3/9/2010 2:57:00 PM
Methyl tert-butyl ether	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
Methylene Chloride	ND	38.6		ug/Kg-dry	1	3/9/2010 2:57:00 PM
n-Butylbenzene	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
n-Propylbenzene	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
Naphthalene	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
o-Xylene	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
sec-Butylbenzene	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
Styrene	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
tert-Butylbenzene	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
Tetrachloroethene	349	41.4		ug/Kg-dry	5	3/10/2010 10:17:00 AM
Toluene	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
trans-1,2-Dichloroethene	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
trans-1,3-Dichloropropene	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
Trichloroethene	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
Trichlorofluoromethane	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
Vinyl Chloride	ND	7.71		ug/Kg-dry	1	3/9/2010 2:57:00 PM
Surr: 1,2-Dichloroethane-d4	136	71.5-112	S	%REC	1	3/9/2010 2:57:00 PM
Surr: 4-Bromofluorobenzene	113	75.7-122		%REC	1	3/9/2010 2:57:00 PM
Surr: Dibromofluoromethane	112	64.3-124		%REC	1	3/9/2010 2:57:00 PM
Surr: Toluene-d8	114	74.9-120		%REC	1	3/9/2010 2:57:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-61

Client Sample ID: B5-S-0.5
Collection Date: 3/3/2010 10:20:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
1,1,1-Trichloroethane	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
1,1,2,2-Tetrachloroethane	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
1,1,2-Trichloroethane	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
1,1-Dichloroethane	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
1,1-Dichloroethene	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
1,1-Dichloropropene	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
1,2,3-Trichlorobenzene	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
1,2,3-Trichloropropane	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
1,2,4-Trichlorobenzene	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
1,2,4-Trimethylbenzene	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
1,2-Dibromo-3-chloropropane	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
1,2-Dibromoethane	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
1,2-Dichlorobenzene	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
1,2-Dichloroethane	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
1,2-Dichloropropane	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
1,3,5-Trimethylbenzene	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
1,3-Dichlorobenzene	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
1,3-Dichloropropane	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
1,4-Dichlorobenzene	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
2,2-Dichloropropane	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
2-Butanone	ND	30.9		ug/Kg-dry	1	3/9/2010 3:31:00 PM
2-Chlorotoluene	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
2-Hexanone	ND	15.4		ug/Kg-dry	1	3/9/2010 3:31:00 PM
4-Chlorotoluene	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
4-Isopropyltoluene	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
4-Methyl-2-pentanone	ND	30.9		ug/Kg-dry	1	3/9/2010 3:31:00 PM
Acetone	250	77.2		ug/Kg-dry	1	3/9/2010 3:31:00 PM
Benzene	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
Bromobenzene	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
Bromochloromethane	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
Bromodichloromethane	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
Bromoform	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
Bromomethane	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
Carbon Disulfide	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
Carbon tetrachloride	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
Chlorobenzene	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
Chloroethane	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
Chloroform	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
Chloromethane	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
cis-1,2-Dichloroethene	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-61

Client Sample ID: B5-S-0.5
Collection Date: 3/3/2010 10:20:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
Dibromochloromethane	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
Dibromomethane	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
Dichlorodifluoromethane	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
Ethylbenzene	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
Hexachlorobutadiene	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
Isopropylbenzene	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
m,p-Xylene	ND	15.4		ug/Kg-dry	1	3/9/2010 3:31:00 PM
Methyl tert-butyl ether	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
Methylene Chloride	ND	38.6		ug/Kg-dry	1	3/9/2010 3:31:00 PM
n-Butylbenzene	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
n-Propylbenzene	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
Naphthalene	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
o-Xylene	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
sec-Butylbenzene	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
Styrene	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
tert-Butylbenzene	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
Tetrachloroethene	23.8	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
Toluene	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
trans-1,2-Dichloroethene	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
trans-1,3-Dichloropropene	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
Trichloroethene	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
Trichlorofluoromethane	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
Vinyl Chloride	ND	7.72		ug/Kg-dry	1	3/9/2010 3:31:00 PM
Surr: 1,2-Dichloroethane-d4	140	71.5-112	S	%REC	1	3/9/2010 3:31:00 PM
Surr: 4-Bromofluorobenzene	110	75.7-122		%REC	1	3/9/2010 3:31:00 PM
Surr: Dibromofluoromethane	111	64.3-124		%REC	1	3/9/2010 3:31:00 PM
Surr: Toluene-d8	114	74.9-120		%REC	1	3/9/2010 3:31:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-62

Client Sample ID: B5-S-2.5
Collection Date: 3/3/2010 10:30:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/15/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: B5-S-5.0

Lab Order: 1003038

Collection Date: 3/3/2010 10:40:00 AM

Project: URIC / 8006.31.01

Lab ID: 1003038-63

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
1,1,1-Trichloroethane	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
1,1,2,2-Tetrachloroethane	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
1,1,2-Trichloroethane	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
1,1-Dichloroethane	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
1,1-Dichloroethene	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
1,1-Dichloropropene	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
1,2,3-Trichlorobenzene	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
1,2,3-Trichloropropane	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
1,2,4-Trichlorobenzene	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
1,2,4-Trimethylbenzene	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
1,2-Dibromo-3-chloropropane	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
1,2-Dibromoethane	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
1,2-Dichlorobenzene	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
1,2-Dichloroethane	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
1,2-Dichloropropane	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
1,3,5-Trimethylbenzene	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
1,3-Dichlorobenzene	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
1,3-Dichloropropane	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
1,4-Dichlorobenzene	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
2,2-Dichloropropane	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
2-Butanone	ND	28.8		ug/Kg-dry	1	3/9/2010 8:11:00 PM
2-Chlorotoluene	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
2-Hexanone	ND	14.4		ug/Kg-dry	1	3/9/2010 8:11:00 PM
4-Chlorotoluene	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
4-Isopropyltoluene	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
4-Methyl-2-pentanone	ND	28.8		ug/Kg-dry	1	3/9/2010 8:11:00 PM
Acetone	92.6	72.0		ug/Kg-dry	1	3/9/2010 8:11:00 PM
Benzene	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
Bromobenzene	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
Bromochloromethane	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
Bromodichloromethane	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
Bromoform	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
Bromomethane	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
Carbon Disulfide	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
Carbon tetrachloride	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
Chlorobenzene	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
Chloroethane	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
Chloroform	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
Chloromethane	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
cis-1,2-Dichloroethene	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-63

Client Sample ID: B5-S-5.0
Collection Date: 3/3/2010 10:40:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
Dibromochloromethane	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
Dibromomethane	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
Dichlorodifluoromethane	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
Ethylbenzene	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
Hexachlorobutadiene	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
Isopropylbenzene	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
m,p-Xylene	ND	14.4		ug/Kg-dry	1	3/9/2010 8:11:00 PM
Methyl tert-butyl ether	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
Methylene Chloride	ND	36.0		ug/Kg-dry	1	3/9/2010 8:11:00 PM
n-Butylbenzene	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
n-Propylbenzene	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
Naphthalene	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
o-Xylene	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
sec-Butylbenzene	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
Styrene	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
tert-Butylbenzene	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
Tetrachloroethene	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
Toluene	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
trans-1,2-Dichloroethene	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
trans-1,3-Dichloropropene	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
Trichloroethene	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
Trichlorofluoromethane	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
Vinyl Chloride	ND	7.20		ug/Kg-dry	1	3/9/2010 8:11:00 PM
Surr: 1,2-Dichloroethane-d4	144	71.5-112	S	%REC	1	3/9/2010 8:11:00 PM
Surr: 4-Bromofluorobenzene	109	75.7-122		%REC	1	3/9/2010 8:11:00 PM
Surr: Dibromofluoromethane	113	64.3-124		%REC	1	3/9/2010 8:11:00 PM
Surr: Toluene-d8	112	74.9-120		%REC	1	3/9/2010 8:11:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: B5-S-12.5

Lab Order: 1003038

Collection Date: 3/3/2010 10:45:00 AM

Project: URIC / 8006.31.01

Lab ID: 1003038-64

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
1,1,1-Trichloroethane	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
1,1,2,2-Tetrachloroethane	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
1,1,2-Trichloroethane	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
1,1-Dichloroethane	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
1,1-Dichloroethene	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
1,1-Dichloropropene	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
1,2,3-Trichlorobenzene	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
1,2,3-Trichloropropane	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
1,2,4-Trichlorobenzene	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
1,2,4-Trimethylbenzene	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
1,2-Dibromo-3-chloropropane	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
1,2-Dibromoethane	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
1,2-Dichlorobenzene	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
1,2-Dichloroethane	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
1,2-Dichloropropane	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
1,3,5-Trimethylbenzene	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
1,3-Dichlorobenzene	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
1,3-Dichloropropane	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
1,4-Dichlorobenzene	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
2,2-Dichloropropane	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
2-Butanone	ND	28.0		ug/Kg-dry	1	3/9/2010 8:46:00 PM
2-Chlorotoluene	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
2-Hexanone	ND	14.0		ug/Kg-dry	1	3/9/2010 8:46:00 PM
4-Chlorotoluene	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
4-Isopropyltoluene	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
4-Methyl-2-pentanone	ND	28.0		ug/Kg-dry	1	3/9/2010 8:46:00 PM
Acetone	ND	69.9		ug/Kg-dry	1	3/9/2010 8:46:00 PM
Benzene	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
Bromobenzene	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
Bromochloromethane	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
Bromodichloromethane	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
Bromoform	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
Bromomethane	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
Carbon Disulfide	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
Carbon tetrachloride	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
Chlorobenzene	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
Chloroethane	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
Chloroform	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
Chloromethane	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
cis-1,2-Dichloroethene	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-64

Client Sample ID: B5-S-12.5
Collection Date: 3/3/2010 10:45:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
Dibromochloromethane	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
Dibromomethane	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
Dichlorodifluoromethane	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
Ethylbenzene	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
Hexachlorobutadiene	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
Isopropylbenzene	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
m,p-Xylene	ND	14.0		ug/Kg-dry	1	3/9/2010 8:46:00 PM
Methyl tert-butyl ether	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
Methylene Chloride	ND	35.0		ug/Kg-dry	1	3/9/2010 8:46:00 PM
n-Butylbenzene	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
n-Propylbenzene	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
Naphthalene	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
o-Xylene	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
sec-Butylbenzene	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
Styrene	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
tert-Butylbenzene	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
Tetrachloroethene	7490	789		ug/Kg-dry	100	3/10/2010 12:00:00 PM
Toluene	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
trans-1,2-Dichloroethene	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
trans-1,3-Dichloropropene	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
Trichloroethene	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
Trichlorofluoromethane	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
Vinyl Chloride	ND	6.99		ug/Kg-dry	1	3/9/2010 8:46:00 PM
Surr: 1,2-Dichloroethane-d4	136	71.5-112	S	%REC	1	3/9/2010 8:46:00 PM
Surr: 4-Bromofluorobenzene	112	75.7-122		%REC	1	3/9/2010 8:46:00 PM
Surr: Dibromofluoromethane	111	64.3-124		%REC	1	3/9/2010 8:46:00 PM
Surr: Toluene-d8	113	74.9-120		%REC	1	3/9/2010 8:46:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-65

Client Sample ID: B5-S-14.0
Collection Date: 3/3/2010 10:50:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
1,1,1-Trichloroethane	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
1,1,2,2-Tetrachloroethane	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
1,1,2-Trichloroethane	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
1,1-Dichloroethane	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
1,1-Dichloroethene	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
1,1-Dichloropropene	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
1,2,3-Trichlorobenzene	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
1,2,3-Trichloropropane	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
1,2,4-Trichlorobenzene	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
1,2,4-Trimethylbenzene	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
1,2-Dibromo-3-chloropropane	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
1,2-Dibromoethane	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
1,2-Dichlorobenzene	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
1,2-Dichloroethane	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
1,2-Dichloropropane	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
1,3,5-Trimethylbenzene	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
1,3-Dichlorobenzene	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
1,3-Dichloropropane	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
1,4-Dichlorobenzene	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
2,2-Dichloropropane	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
2-Butanone	ND	25.8		ug/Kg-dry	1	3/9/2010 9:21:00 PM
2-Chlorotoluene	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
2-Hexanone	ND	12.9		ug/Kg-dry	1	3/9/2010 9:21:00 PM
4-Chlorotoluene	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
4-Isopropyltoluene	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
4-Methyl-2-pentanone	ND	25.8		ug/Kg-dry	1	3/9/2010 9:21:00 PM
Acetone	ND	64.5		ug/Kg-dry	1	3/9/2010 9:21:00 PM
Benzene	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
Bromobenzene	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
Bromochloromethane	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
Bromodichloromethane	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
Bromoform	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
Bromomethane	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
Carbon Disulfide	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
Carbon tetrachloride	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
Chlorobenzene	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
Chloroethane	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
Chloroform	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
Chloromethane	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
cis-1,2-Dichloroethene	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-65

Client Sample ID: B5-S-14.0
Collection Date: 3/3/2010 10:50:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
Dibromochloromethane	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
Dibromomethane	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
Dichlorodifluoromethane	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
Ethylbenzene	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
Hexachlorobutadiene	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
Isopropylbenzene	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
m,p-Xylene	ND	12.9		ug/Kg-dry	1	3/9/2010 9:21:00 PM
Methyl tert-butyl ether	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
Methylene Chloride	ND	32.2		ug/Kg-dry	1	3/9/2010 9:21:00 PM
n-Butylbenzene	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
n-Propylbenzene	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
Naphthalene	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
o-Xylene	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
sec-Butylbenzene	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
Styrene	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
tert-Butylbenzene	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
Tetrachloroethene	1880	308		ug/Kg-dry	50	3/10/2010 11:25:00 AM
Toluene	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
trans-1,2-Dichloroethene	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
trans-1,3-Dichloropropene	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
Trichloroethene	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
Trichlorofluoromethane	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
Vinyl Chloride	ND	6.45		ug/Kg-dry	1	3/9/2010 9:21:00 PM
Surr: 1,2-Dichloroethane-d4	143	71.5-112	S	%REC	1	3/9/2010 9:21:00 PM
Surr: 4-Bromofluorobenzene	114	75.7-122		%REC	1	3/9/2010 9:21:00 PM
Surr: Dibromofluoromethane	110	64.3-124		%REC	1	3/9/2010 9:21:00 PM
Surr: Toluene-d8	112	74.9-120		%REC	1	3/9/2010 9:21:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-66

Client Sample ID: B5-W-12.5
Collection Date: 3/3/2010 11:00:00 AM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM
1,1-Dichloroethane	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM
1,1-Dichloroethene	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM
1,1-Dichloropropene	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM
1,2-Dibromoethane	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM
1,2-Dichloroethane	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM
1,2-Dichloropropane	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM
1,3-Dichloropropane	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM
2,2-Dichloropropane	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM
2-Butanone	ND	10.0		µg/L	1	3/10/2010 10:22:00 AM
2-Chlorotoluene	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM
2-Hexanone	ND	10.0		µg/L	1	3/10/2010 10:22:00 AM
4-Chlorotoluene	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM
4-Isopropyltoluene	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	3/10/2010 10:22:00 AM
Acetone	ND	50.0		µg/L	1	3/10/2010 10:22:00 AM
Acrylonitrile	ND	5.00		µg/L	1	3/10/2010 10:22:00 AM
Benzene	ND	0.300		µg/L	1	3/10/2010 10:22:00 AM
Bromobenzene	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM
Bromochloromethane	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM
Bromodichloromethane	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM
Bromoform	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM
Bromomethane	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM
Carbon disulfide	ND	2.00		µg/L	1	3/10/2010 10:22:00 AM
Carbon tetrachloride	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM
Chlorobenzene	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM
Chloroethane	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM
Chloroform	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM
Chloromethane	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-66

Client Sample ID: B5-W-12.5
Collection Date: 3/3/2010 11:00:00 AM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM
Dibromochloromethane	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM
Dibromomethane	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM
Dichlorodifluoromethane	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM
Ethylbenzene	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM
Hexachlorobutadiene	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM
Isopropylbenzene	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM
m,p-Xylene	ND	2.00		µg/L	1	3/10/2010 10:22:00 AM
Methyl tert-butyl ether	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM
Methylene chloride	ND	20.0		µg/L	1	3/10/2010 10:22:00 AM
n-Butylbenzene	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM
n-Propylbenzene	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM
Naphthalene	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM
o-Xylene	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM
sec-Butylbenzene	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM
Styrene	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM
tert-Butylbenzene	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM
Tetrachloroethene	6510	50.0		µg/L	50	3/11/2010 5:33:00 AM
Toluene	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM
Trichloroethene	4.71	1.00		µg/L	1	3/10/2010 10:22:00 AM
Trichlorofluoromethane	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM
Vinyl chloride	ND	1.00		µg/L	1	3/10/2010 10:22:00 AM
Surr: 1,2-Dichloroethane-d4	102	72.2-129		%REC	1	3/10/2010 10:22:00 AM
Surr: 4-Bromofluorobenzene	108	73.5-125		%REC	1	3/10/2010 10:22:00 AM
Surr: Dibromofluoromethane	100	58.8-148		%REC	1	3/10/2010 10:22:00 AM
Surr: Toluene-d8	98.8	79.8-137		%REC	1	3/10/2010 10:22:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-67

Client Sample ID: GP55-S-0.5
Collection Date: 3/3/2010 11:10:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
1,1,1-Trichloroethane	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
1,1,2,2-Tetrachloroethane	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
1,1,2-Trichloroethane	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
1,1-Dichloroethane	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
1,1-Dichloroethene	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
1,1-Dichloropropene	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
1,2,3-Trichlorobenzene	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
1,2,3-Trichloropropane	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
1,2,4-Trichlorobenzene	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
1,2,4-Trimethylbenzene	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
1,2-Dibromo-3-chloropropane	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
1,2-Dibromoethane	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
1,2-Dichlorobenzene	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
1,2-Dichloroethane	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
1,2-Dichloropropane	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
1,3,5-Trimethylbenzene	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
1,3-Dichlorobenzene	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
1,3-Dichloropropane	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
1,4-Dichlorobenzene	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
2,2-Dichloropropane	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
2-Butanone	ND	27.7		ug/Kg-dry	1	3/9/2010 9:56:00 PM
2-Chlorotoluene	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
2-Hexanone	40.4	13.9		ug/Kg-dry	1	3/9/2010 9:56:00 PM
4-Chlorotoluene	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
4-Isopropyltoluene	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
4-Methyl-2-pentanone	ND	27.7		ug/Kg-dry	1	3/9/2010 9:56:00 PM
Acetone	190	69.4		ug/Kg-dry	1	3/9/2010 9:56:00 PM
Benzene	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
Bromobenzene	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
Bromochloromethane	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
Bromodichloromethane	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
Bromoform	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
Bromomethane	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
Carbon Disulfide	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
Carbon tetrachloride	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
Chlorobenzene	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
Chloroethane	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
Chloroform	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
Chloromethane	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
cis-1,2-Dichloroethene	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-67

Client Sample ID: GP55-S-0.5
Collection Date: 3/3/2010 11:10:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
Dibromochloromethane	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
Dibromomethane	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
Dichlorodifluoromethane	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
Ethylbenzene	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
Hexachlorobutadiene	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
Isopropylbenzene	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
m,p-Xylene	ND	13.9		ug/Kg-dry	1	3/9/2010 9:56:00 PM
Methyl tert-butyl ether	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
Methylene Chloride	ND	34.7		ug/Kg-dry	1	3/9/2010 9:56:00 PM
n-Butylbenzene	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
n-Propylbenzene	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
Naphthalene	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
o-Xylene	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
sec-Butylbenzene	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
Styrene	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
tert-Butylbenzene	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
Tetrachloroethene	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
Toluene	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
trans-1,2-Dichloroethene	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
trans-1,3-Dichloropropene	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
Trichloroethene	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
Trichlorofluoromethane	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
Vinyl Chloride	ND	6.94		ug/Kg-dry	1	3/9/2010 9:56:00 PM
Surr: 1,2-Dichloroethane-d4	144	71.5-112	S	%REC	1	3/9/2010 9:56:00 PM
Surr: 4-Bromofluorobenzene	105	75.7-122		%REC	1	3/9/2010 9:56:00 PM
Surr: Dibromofluoromethane	112	64.3-124		%REC	1	3/9/2010 9:56:00 PM
Surr: Toluene-d8	110	74.9-120		%REC	1	3/9/2010 9:56:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-68

Client Sample ID: GP55-S-2.5
Collection Date: 3/3/2010 11:20:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/15/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-69

Client Sample ID: GP55-S-5.0
Collection Date: 3/3/2010 11:30:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
1,1,1-Trichloroethane	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
1,1,2,2-Tetrachloroethane	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
1,1,2-Trichloroethane	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
1,1-Dichloroethane	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
1,1-Dichloroethene	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
1,1-Dichloropropene	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
1,2,3-Trichlorobenzene	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
1,2,3-Trichloropropane	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
1,2,4-Trichlorobenzene	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
1,2,4-Trimethylbenzene	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
1,2-Dibromo-3-chloropropane	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
1,2-Dibromoethane	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
1,2-Dichlorobenzene	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
1,2-Dichloroethane	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
1,2-Dichloropropane	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
1,3,5-Trimethylbenzene	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
1,3-Dichlorobenzene	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
1,3-Dichloropropane	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
1,4-Dichlorobenzene	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
2,2-Dichloropropane	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
2-Butanone	ND	30.4		ug/Kg-dry	1	3/9/2010 10:32:00 PM
2-Chlorotoluene	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
2-Hexanone	17.5	15.2		ug/Kg-dry	1	3/9/2010 10:32:00 PM
4-Chlorotoluene	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
4-Isopropyltoluene	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
4-Methyl-2-pentanone	ND	30.4		ug/Kg-dry	1	3/9/2010 10:32:00 PM
Acetone	211	76.1		ug/Kg-dry	1	3/9/2010 10:32:00 PM
Benzene	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
Bromobenzene	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
Bromochloromethane	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
Bromodichloromethane	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
Bromoform	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
Bromomethane	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
Carbon Disulfide	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
Carbon tetrachloride	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
Chlorobenzene	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
Chloroethane	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
Chloroform	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
Chloromethane	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
cis-1,2-Dichloroethene	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-69

Client Sample ID: GP55-S-5.0
Collection Date: 3/3/2010 11:30:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
Dibromochloromethane	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
Dibromomethane	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
Dichlorodifluoromethane	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
Ethylbenzene	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
Hexachlorobutadiene	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
Isopropylbenzene	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
m,p-Xylene	ND	15.2		ug/Kg-dry	1	3/9/2010 10:32:00 PM
Methyl tert-butyl ether	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
Methylene Chloride	ND	38.0		ug/Kg-dry	1	3/9/2010 10:32:00 PM
n-Butylbenzene	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
n-Propylbenzene	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
Naphthalene	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
o-Xylene	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
sec-Butylbenzene	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
Styrene	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
tert-Butylbenzene	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
Tetrachloroethene	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
Toluene	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
trans-1,2-Dichloroethene	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
trans-1,3-Dichloropropene	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
Trichloroethene	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
Trichlorofluoromethane	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
Vinyl Chloride	ND	7.61		ug/Kg-dry	1	3/9/2010 10:32:00 PM
Surr: 1,2-Dichloroethane-d4	139	71.5-112	S	%REC	1	3/9/2010 10:32:00 PM
Surr: 4-Bromofluorobenzene	105	75.7-122		%REC	1	3/9/2010 10:32:00 PM
Surr: Dibromofluoromethane	113	64.3-124		%REC	1	3/9/2010 10:32:00 PM
Surr: Toluene-d8	110	74.9-120		%REC	1	3/9/2010 10:32:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-70

Client Sample ID: GP55-S-12.5
Collection Date: 3/3/2010 11:40:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
1,1,1-Trichloroethane	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
1,1,2,2-Tetrachloroethane	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
1,1,2-Trichloroethane	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
1,1-Dichloroethane	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
1,1-Dichloroethene	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
1,1-Dichloropropene	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
1,2,3-Trichlorobenzene	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
1,2,3-Trichloropropane	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
1,2,4-Trichlorobenzene	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
1,2,4-Trimethylbenzene	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
1,2-Dibromo-3-chloropropane	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
1,2-Dibromoethane	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
1,2-Dichlorobenzene	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
1,2-Dichloroethane	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
1,2-Dichloropropane	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
1,3,5-Trimethylbenzene	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
1,3-Dichlorobenzene	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
1,3-Dichloropropane	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
1,4-Dichlorobenzene	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
2,2-Dichloropropane	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
2-Butanone	ND	39.2		ug/Kg-dry	1	3/11/2010 7:20:00 PM
2-Chlorotoluene	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
2-Hexanone	ND	19.6		ug/Kg-dry	1	3/11/2010 7:20:00 PM
4-Chlorotoluene	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
4-Isopropyltoluene	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
4-Methyl-2-pentanone	ND	39.2		ug/Kg-dry	1	3/11/2010 7:20:00 PM
Acetone	ND	98.1		ug/Kg-dry	1	3/11/2010 7:20:00 PM
Benzene	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
Bromobenzene	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
Bromochloromethane	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
Bromodichloromethane	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
Bromoform	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
Bromomethane	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
Carbon Disulfide	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
Carbon tetrachloride	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
Chlorobenzene	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
Chloroethane	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
Chloroform	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
Chloromethane	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
cis-1,2-Dichloroethene	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-70

Client Sample ID: GP55-S-12.5
Collection Date: 3/3/2010 11:40:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
Dibromochloromethane	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
Dibromomethane	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
Dichlorodifluoromethane	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
Ethylbenzene	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
Hexachlorobutadiene	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
Isopropylbenzene	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
m,p-Xylene	ND	19.6		ug/Kg-dry	1	3/11/2010 7:20:00 PM
Methyl tert-butyl ether	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
Methylene Chloride	ND	49.0		ug/Kg-dry	1	3/11/2010 7:20:00 PM
n-Butylbenzene	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
n-Propylbenzene	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
Naphthalene	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
o-Xylene	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
sec-Butylbenzene	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
Styrene	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
tert-Butylbenzene	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
Tetrachloroethene	862	93.0		ug/Kg-dry	10	3/11/2010 6:11:00 PM
Toluene	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
trans-1,2-Dichloroethene	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
trans-1,3-Dichloropropene	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
Trichloroethene	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
Trichlorofluoromethane	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
Vinyl Chloride	ND	9.81		ug/Kg-dry	1	3/11/2010 7:20:00 PM
Surr: 1,2-Dichloroethane-d4	109	71.5-112		%REC	1	3/11/2010 7:20:00 PM
Surr: 4-Bromofluorobenzene	118	75.7-122		%REC	1	3/11/2010 7:20:00 PM
Surr: Dibromofluoromethane	106	64.3-124		%REC	1	3/11/2010 7:20:00 PM
Surr: Toluene-d8	112	74.9-120		%REC	1	3/11/2010 7:20:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-71

Client Sample ID: GP55-W-12.5
Collection Date: 3/3/2010 12:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
1,1-Dichloroethane	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
1,1-Dichloroethene	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
1,1-Dichloropropene	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
1,2-Dibromoethane	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
1,2-Dichloroethane	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
1,2-Dichloropropane	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
1,3-Dichloropropane	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
2,2-Dichloropropane	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
2-Butanone	ND	10.0		µg/L	1	3/10/2010 10:56:00 AM
2-Chlorotoluene	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
2-Hexanone	ND	10.0		µg/L	1	3/10/2010 10:56:00 AM
4-Chlorotoluene	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
4-Isopropyltoluene	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	3/10/2010 10:56:00 AM
Acetone	ND	50.0		µg/L	1	3/10/2010 10:56:00 AM
Acrylonitrile	ND	5.00		µg/L	1	3/10/2010 10:56:00 AM
Benzene	ND	0.300		µg/L	1	3/10/2010 10:56:00 AM
Bromobenzene	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
Bromochloromethane	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
Bromodichloromethane	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
Bromoform	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
Bromomethane	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
Carbon disulfide	ND	2.00		µg/L	1	3/10/2010 10:56:00 AM
Carbon tetrachloride	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
Chlorobenzene	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
Chloroethane	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
Chloroform	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
Chloromethane	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-71

Client Sample ID: GP55-W-12.5
Collection Date: 3/3/2010 12:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
Dibromochloromethane	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
Dibromomethane	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
Dichlorodifluoromethane	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
Ethylbenzene	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
Hexachlorobutadiene	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
Isopropylbenzene	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
m,p-Xylene	ND	2.00		µg/L	1	3/10/2010 10:56:00 AM
Methyl tert-butyl ether	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
Methylene chloride	ND	20.0		µg/L	1	3/10/2010 10:56:00 AM
n-Butylbenzene	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
n-Propylbenzene	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
Naphthalene	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
o-Xylene	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
sec-Butylbenzene	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
Styrene	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
tert-Butylbenzene	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
Tetrachloroethene	1970	20.0		µg/L	20	3/11/2010 6:07:00 AM
Toluene	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
Trichloroethene	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
Trichlorofluoromethane	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
Vinyl chloride	ND	1.00		µg/L	1	3/10/2010 10:56:00 AM
Surr: 1,2-Dichloroethane-d4	97.4	72.2-129		%REC	1	3/10/2010 10:56:00 AM
Surr: 4-Bromofluorobenzene	106	73.5-125		%REC	1	3/10/2010 10:56:00 AM
Surr: Dibromofluoromethane	97.8	58.8-148		%REC	1	3/10/2010 10:56:00 AM
Surr: Toluene-d8	104	79.8-137		%REC	1	3/10/2010 10:56:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-72

Client Sample ID: GP56-S-0.5
Collection Date: 3/3/2010 12:30:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
1,1,1-Trichloroethane	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
1,1,2,2-Tetrachloroethane	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
1,1,2-Trichloroethane	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
1,1-Dichloroethane	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
1,1-Dichloroethene	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
1,1-Dichloropropene	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
1,2,3-Trichlorobenzene	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
1,2,3-Trichloropropane	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
1,2,4-Trichlorobenzene	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
1,2,4-Trimethylbenzene	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
1,2-Dibromo-3-chloropropane	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
1,2-Dibromoethane	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
1,2-Dichlorobenzene	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
1,2-Dichloroethane	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
1,2-Dichloropropane	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
1,3,5-Trimethylbenzene	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
1,3-Dichlorobenzene	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
1,3-Dichloropropane	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
1,4-Dichlorobenzene	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
2,2-Dichloropropane	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
2-Butanone	ND	49.9		ug/Kg-dry	1	3/22/2010 11:53:00 AM
2-Chlorotoluene	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
2-Hexanone	ND	25.0		ug/Kg-dry	1	3/22/2010 11:53:00 AM
4-Chlorotoluene	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
4-Isopropyltoluene	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
4-Methyl-2-pentanone	ND	49.9		ug/Kg-dry	1	3/22/2010 11:53:00 AM
Acetone	471	125	E	ug/Kg-dry	1	3/22/2010 11:53:00 AM
Benzene	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
Bromobenzene	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
Bromochloromethane	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
Bromodichloromethane	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
Bromoform	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
Bromomethane	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
Carbon Disulfide	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
Carbon tetrachloride	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
Chlorobenzene	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
Chloroethane	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
Chloroform	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
Chloromethane	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
cis-1,2-Dichloroethene	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-72

Client Sample ID: GP56-S-0.5
Collection Date: 3/3/2010 12:30:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
Dibromochloromethane	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
Dibromomethane	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
Dichlorodifluoromethane	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
Ethylbenzene	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
Hexachlorobutadiene	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
Isopropylbenzene	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
m,p-Xylene	ND	25.0		ug/Kg-dry	1	3/22/2010 11:53:00 AM
Methyl tert-butyl ether	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
Methylene Chloride	ND	62.4		ug/Kg-dry	1	3/22/2010 11:53:00 AM
n-Butylbenzene	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
n-Propylbenzene	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
Naphthalene	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
o-Xylene	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
sec-Butylbenzene	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
Styrene	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
tert-Butylbenzene	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
Tetrachloroethene	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
Toluene	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
trans-1,2-Dichloroethene	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
trans-1,3-Dichloropropene	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
Trichloroethene	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
Trichlorofluoromethane	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
Vinyl Chloride	ND	12.5		ug/Kg-dry	1	3/22/2010 11:53:00 AM
Surr: 1,2-Dichloroethane-d4	123	71.5-112	S	%REC	1	3/22/2010 11:53:00 AM
Surr: 4-Bromofluorobenzene	113	75.7-122		%REC	1	3/22/2010 11:53:00 AM
Surr: Dibromofluoromethane	114	64.3-124		%REC	1	3/22/2010 11:53:00 AM
Surr: Toluene-d8	105	74.9-120		%REC	1	3/22/2010 11:53:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: GP56-S-2.5

Lab Order: 1003038

Collection Date: 3/3/2010 12:40:00 PM

Project: URIC / 8006.31.01

Lab ID: 1003038-73

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/15/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-74

Client Sample ID: GP56-S-5.0
Collection Date: 3/3/2010 12:50:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
1,1,1-Trichloroethane	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
1,1,2,2-Tetrachloroethane	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
1,1,2-Trichloroethane	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
1,1-Dichloroethane	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
1,1-Dichloroethene	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
1,1-Dichloropropene	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
1,2,3-Trichlorobenzene	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
1,2,3-Trichloropropane	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
1,2,4-Trichlorobenzene	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
1,2,4-Trimethylbenzene	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
1,2-Dibromo-3-chloropropane	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
1,2-Dibromoethane	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
1,2-Dichlorobenzene	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
1,2-Dichloroethane	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
1,2-Dichloropropane	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
1,3,5-Trimethylbenzene	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
1,3-Dichlorobenzene	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
1,3-Dichloropropane	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
1,4-Dichlorobenzene	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
2,2-Dichloropropane	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
2-Butanone	ND	52.2		ug/Kg-dry	1	3/22/2010 12:28:00 PM
2-Chlorotoluene	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
2-Hexanone	ND	26.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
4-Chlorotoluene	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
4-Isopropyltoluene	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
4-Methyl-2-pentanone	ND	52.2		ug/Kg-dry	1	3/22/2010 12:28:00 PM
Acetone	ND	131		ug/Kg-dry	1	3/22/2010 12:28:00 PM
Benzene	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
Bromobenzene	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
Bromochloromethane	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
Bromodichloromethane	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
Bromoform	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
Bromomethane	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
Carbon Disulfide	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
Carbon tetrachloride	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
Chlorobenzene	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
Chloroethane	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
Chloroform	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
Chloromethane	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
cis-1,2-Dichloroethene	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-74

Client Sample ID: GP56-S-5.0
Collection Date: 3/3/2010 12:50:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
Dibromochloromethane	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
Dibromomethane	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
Dichlorodifluoromethane	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
Ethylbenzene	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
Hexachlorobutadiene	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
Isopropylbenzene	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
m,p-Xylene	ND	26.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
Methyl tert-butyl ether	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
Methylene Chloride	ND	65.3		ug/Kg-dry	1	3/22/2010 12:28:00 PM
n-Butylbenzene	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
n-Propylbenzene	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
Naphthalene	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
o-Xylene	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
sec-Butylbenzene	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
Styrene	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
tert-Butylbenzene	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
Tetrachloroethene	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
Toluene	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
trans-1,2-Dichloroethene	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
trans-1,3-Dichloropropene	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
Trichloroethene	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
Trichlorofluoromethane	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
Vinyl Chloride	ND	13.1		ug/Kg-dry	1	3/22/2010 12:28:00 PM
Surr: 1,2-Dichloroethane-d4	120	71.5-112	S	%REC	1	3/22/2010 12:28:00 PM
Surr: 4-Bromofluorobenzene	122	75.7-122	S	%REC	1	3/22/2010 12:28:00 PM
Surr: Dibromofluoromethane	115	64.3-124		%REC	1	3/22/2010 12:28:00 PM
Surr: Toluene-d8	107	74.9-120		%REC	1	3/22/2010 12:28:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-75

Client Sample ID: GP56-S-13.5
Collection Date: 3/3/2010 1:00:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
1,1,1-Trichloroethane	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
1,1,2,2-Tetrachloroethane	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
1,1,2-Trichloroethane	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
1,1-Dichloroethane	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
1,1-Dichloroethene	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
1,1-Dichloropropene	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
1,2,3-Trichlorobenzene	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
1,2,3-Trichloropropane	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
1,2,4-Trichlorobenzene	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
1,2,4-Trimethylbenzene	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
1,2-Dibromo-3-chloropropane	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
1,2-Dibromoethane	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
1,2-Dichlorobenzene	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
1,2-Dichloroethane	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
1,2-Dichloropropane	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
1,3,5-Trimethylbenzene	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
1,3-Dichlorobenzene	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
1,3-Dichloropropane	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
1,4-Dichlorobenzene	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
2,2-Dichloropropane	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
2-Butanone	ND	31.2		ug/Kg-dry	1	3/11/2010 7:54:00 PM
2-Chlorotoluene	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
2-Hexanone	ND	15.6		ug/Kg-dry	1	3/11/2010 7:54:00 PM
4-Chlorotoluene	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
4-Isopropyltoluene	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
4-Methyl-2-pentanone	ND	31.2		ug/Kg-dry	1	3/11/2010 7:54:00 PM
Acetone	ND	78.0		ug/Kg-dry	1	3/11/2010 7:54:00 PM
Benzene	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
Bromobenzene	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
Bromochloromethane	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
Bromodichloromethane	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
Bromoform	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
Bromomethane	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
Carbon Disulfide	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
Carbon tetrachloride	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
Chlorobenzene	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
Chloroethane	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
Chloroform	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
Chloromethane	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
cis-1,2-Dichloroethene	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-75

Client Sample ID: GP56-S-13.5
Collection Date: 3/3/2010 1:00:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
Dibromochloromethane	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
Dibromomethane	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
Dichlorodifluoromethane	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
Ethylbenzene	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
Hexachlorobutadiene	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
Isopropylbenzene	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
m,p-Xylene	ND	15.6		ug/Kg-dry	1	3/11/2010 7:54:00 PM
Methyl tert-butyl ether	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
Methylene Chloride	ND	39.0		ug/Kg-dry	1	3/11/2010 7:54:00 PM
n-Butylbenzene	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
n-Propylbenzene	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
Naphthalene	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
o-Xylene	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
sec-Butylbenzene	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
Styrene	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
tert-Butylbenzene	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
Tetrachloroethene	49.1	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
Toluene	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
trans-1,2-Dichloroethene	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
trans-1,3-Dichloropropene	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
Trichloroethene	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
Trichlorofluoromethane	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
Vinyl Chloride	ND	7.80		ug/Kg-dry	1	3/11/2010 7:54:00 PM
Surr: 1,2-Dichloroethane-d4	111	71.5-112		%REC	1	3/11/2010 7:54:00 PM
Surr: 4-Bromofluorobenzene	119	75.7-122		%REC	1	3/11/2010 7:54:00 PM
Surr: Dibromofluoromethane	108	64.3-124		%REC	1	3/11/2010 7:54:00 PM
Surr: Toluene-d8	114	74.9-120		%REC	1	3/11/2010 7:54:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-76

Client Sample ID: GP56-W-13.5
Collection Date: 3/3/2010 1:10:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
1,1-Dichloroethane	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
1,1-Dichloroethene	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
1,1-Dichloropropene	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
1,2-Dibromoethane	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
1,2-Dichloroethane	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
1,2-Dichloropropane	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
1,3-Dichloropropane	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
2,2-Dichloropropane	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
2-Butanone	ND	10.0		µg/L	1	3/11/2010 6:42:00 AM
2-Chlorotoluene	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
2-Hexanone	ND	10.0		µg/L	1	3/11/2010 6:42:00 AM
4-Chlorotoluene	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
4-Isopropyltoluene	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	3/11/2010 6:42:00 AM
Acetone	ND	50.0		µg/L	1	3/11/2010 6:42:00 AM
Acrylonitrile	ND	5.00		µg/L	1	3/11/2010 6:42:00 AM
Benzene	ND	0.300		µg/L	1	3/11/2010 6:42:00 AM
Bromobenzene	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
Bromochloromethane	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
Bromodichloromethane	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
Bromoform	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
Bromomethane	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
Carbon disulfide	ND	2.00		µg/L	1	3/11/2010 6:42:00 AM
Carbon tetrachloride	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
Chlorobenzene	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
Chloroethane	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
Chloroform	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
Chloromethane	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-76

Client Sample ID: GP56-W-13.5
Collection Date: 3/3/2010 1:10:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
Dibromochloromethane	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
Dibromomethane	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
Dichlorodifluoromethane	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
Ethylbenzene	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
Hexachlorobutadiene	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
Isopropylbenzene	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
m,p-Xylene	ND	2.00		µg/L	1	3/11/2010 6:42:00 AM
Methyl tert-butyl ether	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
Methylene chloride	ND	20.0		µg/L	1	3/11/2010 6:42:00 AM
n-Butylbenzene	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
n-Propylbenzene	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
Naphthalene	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
o-Xylene	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
sec-Butylbenzene	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
Styrene	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
tert-Butylbenzene	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
Tetrachloroethene	37.4	1.00		µg/L	1	3/11/2010 6:42:00 AM
Toluene	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
Trichloroethene	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
Trichlorofluoromethane	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
Vinyl chloride	ND	1.00		µg/L	1	3/11/2010 6:42:00 AM
Surr: 1,2-Dichloroethane-d4	95.6	72.2-129		%REC	1	3/11/2010 6:42:00 AM
Surr: 4-Bromofluorobenzene	106	73.5-125		%REC	1	3/11/2010 6:42:00 AM
Surr: Dibromofluoromethane	91.9	58.8-148		%REC	1	3/11/2010 6:42:00 AM
Surr: Toluene-d8	106	79.8-137		%REC	1	3/11/2010 6:42:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: B7-S-0.5

Lab Order: 1003038

Collection Date: 3/3/2010 1:10:00 PM

Project: URIC / 8006.31.01

Lab ID: 1003038-77

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/15/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-78

Client Sample ID: B7-S-2.5
Collection Date: 3/3/2010 1:20:00 PM

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/15/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-79

Client Sample ID: B7-S-5.0
Collection Date: 3/3/2010 1:25:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/15/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-80

Client Sample ID: B7-S-14.0
Collection Date: 3/3/2010 1:30:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
1,1,1-Trichloroethane	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
1,1,2,2-Tetrachloroethane	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
1,1,2-Trichloroethane	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
1,1-Dichloroethane	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
1,1-Dichloroethene	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
1,1-Dichloropropene	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
1,2,3-Trichlorobenzene	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
1,2,3-Trichloropropane	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
1,2,4-Trichlorobenzene	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
1,2,4-Trimethylbenzene	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
1,2-Dibromo-3-chloropropane	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
1,2-Dibromoethane	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
1,2-Dichlorobenzene	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
1,2-Dichloroethane	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
1,2-Dichloropropane	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
1,3,5-Trimethylbenzene	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
1,3-Dichlorobenzene	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
1,3-Dichloropropane	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
1,4-Dichlorobenzene	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
2,2-Dichloropropane	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
2-Butanone	ND	38.9		ug/Kg-dry	1	3/11/2010 8:28:00 PM
2-Chlorotoluene	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
2-Hexanone	ND	19.4		ug/Kg-dry	1	3/11/2010 8:28:00 PM
4-Chlorotoluene	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
4-Isopropyltoluene	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
4-Methyl-2-pentanone	ND	38.9		ug/Kg-dry	1	3/11/2010 8:28:00 PM
Acetone	ND	97.2		ug/Kg-dry	1	3/11/2010 8:28:00 PM
Benzene	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
Bromobenzene	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
Bromochloromethane	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
Bromodichloromethane	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
Bromoform	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
Bromomethane	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
Carbon Disulfide	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
Carbon tetrachloride	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
Chlorobenzene	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
Chloroethane	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
Chloroform	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
Chloromethane	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
cis-1,2-Dichloroethene	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: B7-S-14.0

Lab Order: 1003038

Collection Date: 3/3/2010 1:30:00 PM

Project: URIC / 8006.31.01

Lab ID: 1003038-80

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
Dibromochloromethane	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
Dibromomethane	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
Dichlorodifluoromethane	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
Ethylbenzene	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
Hexachlorobutadiene	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
Isopropylbenzene	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
m,p-Xylene	ND	19.4		ug/Kg-dry	1	3/11/2010 8:28:00 PM
Methyl tert-butyl ether	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
Methylene Chloride	ND	48.6		ug/Kg-dry	1	3/11/2010 8:28:00 PM
n-Butylbenzene	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
n-Propylbenzene	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
Naphthalene	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
o-Xylene	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
sec-Butylbenzene	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
Styrene	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
tert-Butylbenzene	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
Tetrachloroethene	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
Toluene	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
trans-1,2-Dichloroethene	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
trans-1,3-Dichloropropene	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
Trichloroethene	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
Trichlorofluoromethane	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
Vinyl Chloride	ND	9.72		ug/Kg-dry	1	3/11/2010 8:28:00 PM
Surr: 1,2-Dichloroethane-d4	109	71.5-112		%REC	1	3/11/2010 8:28:00 PM
Surr: 4-Bromofluorobenzene	126	75.7-122	S	%REC	1	3/11/2010 8:28:00 PM
Surr: Dibromofluoromethane	107	64.3-124		%REC	1	3/11/2010 8:28:00 PM
Surr: Toluene-d8	114	74.9-120		%REC	1	3/11/2010 8:28:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-81

Client Sample ID: B7-W-14.0
Collection Date: 3/3/2010 1:40:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
1,1-Dichloroethane	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
1,1-Dichloroethene	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
1,1-Dichloropropene	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
1,2-Dibromoethane	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
1,2-Dichloroethane	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
1,2-Dichloropropane	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
1,3-Dichloropropane	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
2,2-Dichloropropane	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
2-Butanone	ND	10.0		µg/L	1	3/11/2010 7:17:00 AM
2-Chlorotoluene	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
2-Hexanone	ND	10.0		µg/L	1	3/11/2010 7:17:00 AM
4-Chlorotoluene	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
4-Isopropyltoluene	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	3/11/2010 7:17:00 AM
Acetone	ND	50.0		µg/L	1	3/11/2010 7:17:00 AM
Acrylonitrile	ND	5.00		µg/L	1	3/11/2010 7:17:00 AM
Benzene	ND	0.300		µg/L	1	3/11/2010 7:17:00 AM
Bromobenzene	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
Bromochloromethane	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
Bromodichloromethane	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
Bromoform	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
Bromomethane	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
Carbon disulfide	ND	2.00		µg/L	1	3/11/2010 7:17:00 AM
Carbon tetrachloride	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
Chlorobenzene	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
Chloroethane	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
Chloroform	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
Chloromethane	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-81

Client Sample ID: B7-W-14.0
Collection Date: 3/3/2010 1:40:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
Dibromochloromethane	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
Dibromomethane	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
Dichlorodifluoromethane	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
Ethylbenzene	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
Hexachlorobutadiene	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
Isopropylbenzene	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
m,p-Xylene	ND	2.00		µg/L	1	3/11/2010 7:17:00 AM
Methyl tert-butyl ether	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
Methylene chloride	ND	20.0		µg/L	1	3/11/2010 7:17:00 AM
n-Butylbenzene	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
n-Propylbenzene	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
Naphthalene	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
o-Xylene	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
sec-Butylbenzene	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
Styrene	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
tert-Butylbenzene	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
Tetrachloroethene	5.87	1.00		µg/L	1	3/11/2010 7:17:00 AM
Toluene	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
Trichloroethene	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
Trichlorofluoromethane	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
Vinyl chloride	ND	1.00		µg/L	1	3/11/2010 7:17:00 AM
Surr: 1,2-Dichloroethane-d4	95.3	72.2-129		%REC	1	3/11/2010 7:17:00 AM
Surr: 4-Bromofluorobenzene	104	73.5-125		%REC	1	3/11/2010 7:17:00 AM
Surr: Dibromofluoromethane	94.0	58.8-148		%REC	1	3/11/2010 7:17:00 AM
Surr: Toluene-d8	108	79.8-137		%REC	1	3/11/2010 7:17:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-82

Client Sample ID: B7-S-15.5
Collection Date: 3/3/2010 1:35:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
1,1,1-Trichloroethane	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
1,1,2,2-Tetrachloroethane	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
1,1,2-Trichloroethane	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
1,1-Dichloroethane	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
1,1-Dichloroethene	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
1,1-Dichloropropene	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
1,2,3-Trichlorobenzene	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
1,2,3-Trichloropropane	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
1,2,4-Trichlorobenzene	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
1,2,4-Trimethylbenzene	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
1,2-Dibromo-3-chloropropane	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
1,2-Dibromoethane	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
1,2-Dichlorobenzene	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
1,2-Dichloroethane	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
1,2-Dichloropropane	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
1,3,5-Trimethylbenzene	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
1,3-Dichlorobenzene	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
1,3-Dichloropropane	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
1,4-Dichlorobenzene	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
2,2-Dichloropropane	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
2-Butanone	ND	33.7		ug/Kg-dry	1	3/11/2010 9:03:00 PM
2-Chlorotoluene	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
2-Hexanone	ND	16.8		ug/Kg-dry	1	3/11/2010 9:03:00 PM
4-Chlorotoluene	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
4-Isopropyltoluene	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
4-Methyl-2-pentanone	ND	33.7		ug/Kg-dry	1	3/11/2010 9:03:00 PM
Acetone	ND	84.2		ug/Kg-dry	1	3/11/2010 9:03:00 PM
Benzene	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
Bromobenzene	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
Bromochloromethane	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
Bromodichloromethane	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
Bromoform	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
Bromomethane	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
Carbon Disulfide	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
Carbon tetrachloride	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
Chlorobenzene	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
Chloroethane	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
Chloroform	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
Chloromethane	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
cis-1,2-Dichloroethene	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-82

Client Sample ID: B7-S-15.5
Collection Date: 3/3/2010 1:35:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
Dibromochloromethane	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
Dibromomethane	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
Dichlorodifluoromethane	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
Ethylbenzene	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
Hexachlorobutadiene	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
Isopropylbenzene	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
m,p-Xylene	ND	16.8		ug/Kg-dry	1	3/11/2010 9:03:00 PM
Methyl tert-butyl ether	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
Methylene Chloride	ND	42.1		ug/Kg-dry	1	3/11/2010 9:03:00 PM
n-Butylbenzene	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
n-Propylbenzene	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
Naphthalene	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
o-Xylene	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
sec-Butylbenzene	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
Styrene	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
tert-Butylbenzene	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
Tetrachloroethene	351	41.4		ug/Kg-dry	5	3/12/2010 12:04:00 PM
Toluene	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
trans-1,2-Dichloroethene	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
trans-1,3-Dichloropropene	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
Trichloroethene	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
Trichlorofluoromethane	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
Vinyl Chloride	ND	8.42		ug/Kg-dry	1	3/11/2010 9:03:00 PM
Surr: 1,2-Dichloroethane-d4	116	71.5-112	S	%REC	1	3/11/2010 9:03:00 PM
Surr: 4-Bromofluorobenzene	124	75.7-122	S	%REC	1	3/11/2010 9:03:00 PM
Surr: Dibromofluoromethane	107	64.3-124		%REC	1	3/11/2010 9:03:00 PM
Surr: Toluene-d8	115	74.9-120		%REC	1	3/11/2010 9:03:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-83

Client Sample ID: GP49-S-0.5
Collection Date: 3/3/2010 2:00:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/15/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-84

Client Sample ID: GP49-S-2.5
Collection Date: 3/3/2010 2:10:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/15/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-85

Client Sample ID: GP49-S-5.0
Collection Date: 3/3/2010 2:20:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/15/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-86

Client Sample ID: GP49-S-12.5
Collection Date: 3/3/2010 2:30:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
1,1,1-Trichloroethane	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
1,1,2,2-Tetrachloroethane	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
1,1,2-Trichloroethane	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
1,1-Dichloroethane	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
1,1-Dichloroethene	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
1,1-Dichloropropene	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
1,2,3-Trichlorobenzene	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
1,2,3-Trichloropropane	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
1,2,4-Trichlorobenzene	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
1,2,4-Trimethylbenzene	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
1,2-Dibromo-3-chloropropane	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
1,2-Dibromoethane	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
1,2-Dichlorobenzene	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
1,2-Dichloroethane	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
1,2-Dichloropropane	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
1,3,5-Trimethylbenzene	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
1,3-Dichlorobenzene	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
1,3-Dichloropropane	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
1,4-Dichlorobenzene	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
2,2-Dichloropropane	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
2-Butanone	ND	32.2		ug/Kg-dry	1	3/11/2010 9:37:00 PM
2-Chlorotoluene	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
2-Hexanone	ND	16.1		ug/Kg-dry	1	3/11/2010 9:37:00 PM
4-Chlorotoluene	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
4-Isopropyltoluene	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
4-Methyl-2-pentanone	ND	32.2		ug/Kg-dry	1	3/11/2010 9:37:00 PM
Acetone	ND	80.6		ug/Kg-dry	1	3/11/2010 9:37:00 PM
Benzene	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
Bromobenzene	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
Bromochloromethane	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
Bromodichloromethane	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
Bromoform	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
Bromomethane	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
Carbon Disulfide	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
Carbon tetrachloride	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
Chlorobenzene	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
Chloroethane	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
Chloroform	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
Chloromethane	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
cis-1,2-Dichloroethene	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-86

Client Sample ID: GP49-S-12.5
Collection Date: 3/3/2010 2:30:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
Dibromochloromethane	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
Dibromomethane	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
Dichlorodifluoromethane	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
Ethylbenzene	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
Hexachlorobutadiene	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
Isopropylbenzene	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
m,p-Xylene	ND	16.1		ug/Kg-dry	1	3/11/2010 9:37:00 PM
Methyl tert-butyl ether	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
Methylene Chloride	ND	40.3		ug/Kg-dry	1	3/11/2010 9:37:00 PM
n-Butylbenzene	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
n-Propylbenzene	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
Naphthalene	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
o-Xylene	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
sec-Butylbenzene	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
Styrene	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
tert-Butylbenzene	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
Tetrachloroethene	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
Toluene	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
trans-1,2-Dichloroethene	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
trans-1,3-Dichloropropene	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
Trichloroethene	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
Trichlorofluoromethane	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
Vinyl Chloride	ND	8.06		ug/Kg-dry	1	3/11/2010 9:37:00 PM
Surr: 1,2-Dichloroethane-d4	110	71.5-112		%REC	1	3/11/2010 9:37:00 PM
Surr: 4-Bromofluorobenzene	126	75.7-122	S	%REC	1	3/11/2010 9:37:00 PM
Surr: Dibromofluoromethane	106	64.3-124		%REC	1	3/11/2010 9:37:00 PM
Surr: Toluene-d8	116	74.9-120		%REC	1	3/11/2010 9:37:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-87

Client Sample ID: GP49-W-12.5
Collection Date: 3/3/2010 2:40:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
1,1-Dichloroethane	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
1,1-Dichloroethene	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
1,1-Dichloropropene	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
1,2-Dibromoethane	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
1,2-Dichloroethane	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
1,2-Dichloropropane	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
1,3-Dichloropropane	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
2,2-Dichloropropane	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
2-Butanone	ND	10.0		µg/L	1	3/11/2010 7:51:00 AM
2-Chlorotoluene	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
2-Hexanone	ND	10.0		µg/L	1	3/11/2010 7:51:00 AM
4-Chlorotoluene	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
4-Isopropyltoluene	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	3/11/2010 7:51:00 AM
Acetone	ND	50.0		µg/L	1	3/11/2010 7:51:00 AM
Acrylonitrile	ND	5.00		µg/L	1	3/11/2010 7:51:00 AM
Benzene	ND	0.300		µg/L	1	3/11/2010 7:51:00 AM
Bromobenzene	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
Bromochloromethane	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
Bromodichloromethane	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
Bromoform	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
Bromomethane	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
Carbon disulfide	ND	2.00		µg/L	1	3/11/2010 7:51:00 AM
Carbon tetrachloride	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
Chlorobenzene	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
Chloroethane	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
Chloroform	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
Chloromethane	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-87

Client Sample ID: GP49-W-12.5
Collection Date: 3/3/2010 2:40:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
Dibromochloromethane	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
Dibromomethane	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
Dichlorodifluoromethane	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
Ethylbenzene	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
Hexachlorobutadiene	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
Isopropylbenzene	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
m,p-Xylene	ND	2.00		µg/L	1	3/11/2010 7:51:00 AM
Methyl tert-butyl ether	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
Methylene chloride	ND	20.0		µg/L	1	3/11/2010 7:51:00 AM
n-Butylbenzene	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
n-Propylbenzene	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
Naphthalene	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
o-Xylene	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
sec-Butylbenzene	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
Styrene	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
tert-Butylbenzene	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
Tetrachloroethene	24.5	1.00		µg/L	1	3/11/2010 7:51:00 AM
Toluene	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
Trichloroethene	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
Trichlorofluoromethane	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
Vinyl chloride	ND	1.00		µg/L	1	3/11/2010 7:51:00 AM
Surr: 1,2-Dichloroethane-d4	99.1	72.2-129		%REC	1	3/11/2010 7:51:00 AM
Surr: 4-Bromofluorobenzene	103	73.5-125		%REC	1	3/11/2010 7:51:00 AM
Surr: Dibromofluoromethane	95.8	58.8-148		%REC	1	3/11/2010 7:51:00 AM
Surr: Toluene-d8	106	79.8-137		%REC	1	3/11/2010 7:51:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: GP57-S-0.5

Lab Order: 1003038

Collection Date: 3/3/2010 3:00:00 PM

Project: URIC / 8006.31.01

Lab ID: 1003038-88

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/15/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: GP57-S-2.5

Lab Order: 1003038

Collection Date: 3/3/2010 3:10:00 PM

Project: URIC / 8006.31.01

Lab ID: 1003038-89

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/15/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: GP57-S-5.0

Lab Order: 1003038

Collection Date: 3/3/2010 3:20:00 PM

Project: URIC / 8006.31.01

Lab ID: 1003038-90

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/15/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: GP57-S-14.0

Lab Order: 1003038

Collection Date: 3/3/2010 3:30:00 PM

Project: URIC / 8006.31.01

Lab ID: 1003038-91

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
1,1,1-Trichloroethane	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
1,1,2,2-Tetrachloroethane	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
1,1,2-Trichloroethane	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
1,1-Dichloroethane	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
1,1-Dichloroethene	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
1,1-Dichloropropene	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
1,2,3-Trichlorobenzene	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
1,2,3-Trichloropropane	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
1,2,4-Trichlorobenzene	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
1,2,4-Trimethylbenzene	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
1,2-Dibromo-3-chloropropane	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
1,2-Dibromoethane	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
1,2-Dichlorobenzene	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
1,2-Dichloroethane	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
1,2-Dichloropropane	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
1,3,5-Trimethylbenzene	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
1,3-Dichlorobenzene	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
1,3-Dichloropropane	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
1,4-Dichlorobenzene	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
2,2-Dichloropropane	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
2-Butanone	ND	27.0		ug/Kg-dry	1	3/11/2010 10:13:00 PM
2-Chlorotoluene	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
2-Hexanone	ND	13.5		ug/Kg-dry	1	3/11/2010 10:13:00 PM
4-Chlorotoluene	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
4-Isopropyltoluene	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
4-Methyl-2-pentanone	ND	27.0		ug/Kg-dry	1	3/11/2010 10:13:00 PM
Acetone	ND	67.5		ug/Kg-dry	1	3/11/2010 10:13:00 PM
Benzene	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
Bromobenzene	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
Bromochloromethane	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
Bromodichloromethane	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
Bromoform	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
Bromomethane	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
Carbon Disulfide	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
Carbon tetrachloride	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
Chlorobenzene	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
Chloroethane	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
Chloroform	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
Chloromethane	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
cis-1,2-Dichloroethene	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-91

Client Sample ID: GP57-S-14.0
Collection Date: 3/3/2010 3:30:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
Dibromochloromethane	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
Dibromomethane	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
Dichlorodifluoromethane	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
Ethylbenzene	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
Hexachlorobutadiene	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
Isopropylbenzene	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
m,p-Xylene	ND	13.5		ug/Kg-dry	1	3/11/2010 10:13:00 PM
Methyl tert-butyl ether	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
Methylene Chloride	ND	33.8		ug/Kg-dry	1	3/11/2010 10:13:00 PM
n-Butylbenzene	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
n-Propylbenzene	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
Naphthalene	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
o-Xylene	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
sec-Butylbenzene	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
Styrene	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
tert-Butylbenzene	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
Tetrachloroethene	17.9	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
Toluene	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
trans-1,2-Dichloroethene	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
trans-1,3-Dichloropropene	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
Trichloroethene	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
Trichlorofluoromethane	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
Vinyl Chloride	ND	6.75		ug/Kg-dry	1	3/11/2010 10:13:00 PM
Surr: 1,2-Dichloroethane-d4	107	71.5-112		%REC	1	3/11/2010 10:13:00 PM
Surr: 4-Bromofluorobenzene	114	75.7-122		%REC	1	3/11/2010 10:13:00 PM
Surr: Dibromofluoromethane	109	64.3-124		%REC	1	3/11/2010 10:13:00 PM
Surr: Toluene-d8	119	74.9-120		%REC	1	3/11/2010 10:13:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-92

Client Sample ID: GP57-W-14.0
Collection Date: 3/3/2010 3:40:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
1,1-Dichloroethane	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
1,1-Dichloroethene	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
1,1-Dichloropropene	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
1,2-Dibromoethane	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
1,2-Dichloroethane	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
1,2-Dichloropropane	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
1,3-Dichloropropane	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
2,2-Dichloropropane	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
2-Butanone	ND	10.0		µg/L	1	3/11/2010 8:26:00 AM
2-Chlorotoluene	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
2-Hexanone	ND	10.0		µg/L	1	3/11/2010 8:26:00 AM
4-Chlorotoluene	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
4-Isopropyltoluene	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	3/11/2010 8:26:00 AM
Acetone	ND	50.0		µg/L	1	3/11/2010 8:26:00 AM
Benzene	ND	0.300		µg/L	1	3/11/2010 8:26:00 AM
Bromobenzene	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
Bromochloromethane	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
Bromodichloromethane	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
Bromoform	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
Bromomethane	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
Carbon Disulfide	ND	2.00		µg/L	1	3/11/2010 8:26:00 AM
Carbon tetrachloride	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
Chlorobenzene	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
Chloroethane	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
Chloroform	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
Chloromethane	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-92

Client Sample ID: GP57-W-14.0
Collection Date: 3/3/2010 3:40:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
Dibromochloromethane	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
Dibromomethane	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
Dichlorodifluoromethane	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
Ethylbenzene	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
Hexachlorobutadiene	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
Isopropylbenzene	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
m,p-Xylene	ND	2.00		µg/L	1	3/11/2010 8:26:00 AM
Methyl tert-butyl ether	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
Methylene Chloride	ND	20.0		µg/L	1	3/11/2010 8:26:00 AM
n-Butylbenzene	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
n-Propylbenzene	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
Naphthalene	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
o-Xylene	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
sec-Butylbenzene	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
Styrene	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
tert-Butylbenzene	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
Tetrachloroethene	2.44	1.00		µg/L	1	3/11/2010 8:26:00 AM
Toluene	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
Trichloroethene	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
Trichlorofluoromethane	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
Vinyl Chloride	ND	1.00		µg/L	1	3/11/2010 8:26:00 AM
Surr: 1,2-Dichloroethane-d4	96.6	72.2-129		%REC	1	3/11/2010 8:26:00 AM
Surr: 4-Bromofluorobenzene	104	73.5-125		%REC	1	3/11/2010 8:26:00 AM
Surr: Dibromofluoromethane	92.7	58.8-148		%REC	1	3/11/2010 8:26:00 AM
Surr: Toluene-d8	105	79.8-137		%REC	1	3/11/2010 8:26:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-93

Client Sample ID: GP28-S-0.5
Collection Date: 3/4/2010 9:20:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/15/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-94

Client Sample ID: GP28-S-2.5
Collection Date: 3/4/2010 9:30:00 AM
Matrix: SOIL

Analyses	Result	Limit Qual Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST		PER CLIENT		Analyst: knt
Hold	Hold		1	3/15/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-95

Client Sample ID: GP28-S-5.0
Collection Date: 3/4/2010 9:40:00 AM
Matrix: SOIL

Analyses	Result	Limit Qual Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST		PER CLIENT		Analyst: knt
Hold	Hold		1	3/15/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-96

Client Sample ID: GP28-S-14.0
Collection Date: 3/4/2010 9:50:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
1,1,1-Trichloroethane	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
1,1,2,2-Tetrachloroethane	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
1,1,2-Trichloroethane	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
1,1-Dichloroethane	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
1,1-Dichloroethene	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
1,1-Dichloropropene	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
1,2,3-Trichlorobenzene	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
1,2,3-Trichloropropane	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
1,2,4-Trichlorobenzene	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
1,2,4-Trimethylbenzene	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
1,2-Dibromo-3-chloropropane	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
1,2-Dibromoethane	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
1,2-Dichlorobenzene	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
1,2-Dichloroethane	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
1,2-Dichloropropane	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
1,3,5-Trimethylbenzene	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
1,3-Dichlorobenzene	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
1,3-Dichloropropane	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
1,4-Dichlorobenzene	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
2,2-Dichloropropane	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
2-Butanone	ND	32.9		ug/Kg-dry	1	3/11/2010 10:48:00 PM
2-Chlorotoluene	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
2-Hexanone	ND	16.5		ug/Kg-dry	1	3/11/2010 10:48:00 PM
4-Chlorotoluene	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
4-Isopropyltoluene	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
4-Methyl-2-pentanone	ND	32.9		ug/Kg-dry	1	3/11/2010 10:48:00 PM
Acetone	ND	82.3		ug/Kg-dry	1	3/11/2010 10:48:00 PM
Benzene	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
Bromobenzene	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
Bromochloromethane	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
Bromodichloromethane	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
Bromoform	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
Bromomethane	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
Carbon Disulfide	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
Carbon tetrachloride	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
Chlorobenzene	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
Chloroethane	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
Chloroform	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
Chloromethane	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
cis-1,2-Dichloroethene	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-96

Client Sample ID: GP28-S-14.0
Collection Date: 3/4/2010 9:50:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
Dibromochloromethane	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
Dibromomethane	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
Dichlorodifluoromethane	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
Ethylbenzene	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
Hexachlorobutadiene	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
Isopropylbenzene	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
m,p-Xylene	ND	16.5		ug/Kg-dry	1	3/11/2010 10:48:00 PM
Methyl tert-butyl ether	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
Methylene Chloride	ND	41.1		ug/Kg-dry	1	3/11/2010 10:48:00 PM
n-Butylbenzene	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
n-Propylbenzene	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
Naphthalene	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
o-Xylene	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
sec-Butylbenzene	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
Styrene	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
tert-Butylbenzene	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
Tetrachloroethene	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
Toluene	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
trans-1,2-Dichloroethene	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
trans-1,3-Dichloropropene	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
Trichloroethene	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
Trichlorofluoromethane	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
Vinyl Chloride	ND	8.23		ug/Kg-dry	1	3/11/2010 10:48:00 PM
Surr: 1,2-Dichloroethane-d4	111	71.5-112		%REC	1	3/11/2010 10:48:00 PM
Surr: 4-Bromofluorobenzene	126	75.7-122	S	%REC	1	3/11/2010 10:48:00 PM
Surr: Dibromofluoromethane	107	64.3-124		%REC	1	3/11/2010 10:48:00 PM
Surr: Toluene-d8	115	74.9-120		%REC	1	3/11/2010 10:48:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-97

Client Sample ID: GP28-W-14.0
Collection Date: 3/4/2010 10:00:00 AM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
1,1-Dichloroethane	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
1,1-Dichloroethene	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
1,1-Dichloropropene	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
1,2-Dibromoethane	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
1,2-Dichloroethane	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
1,2-Dichloropropane	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
1,3-Dichloropropane	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
2,2-Dichloropropane	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
2-Butanone	ND	10.0		µg/L	1	3/11/2010 9:01:00 AM
2-Chlorotoluene	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
2-Hexanone	ND	10.0		µg/L	1	3/11/2010 9:01:00 AM
4-Chlorotoluene	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
4-Isopropyltoluene	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	3/11/2010 9:01:00 AM
Acetone	ND	50.0		µg/L	1	3/11/2010 9:01:00 AM
Benzene	ND	0.300		µg/L	1	3/11/2010 9:01:00 AM
Bromobenzene	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
Bromochloromethane	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
Bromodichloromethane	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
Bromoform	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
Bromomethane	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
Carbon Disulfide	ND	2.00		µg/L	1	3/11/2010 9:01:00 AM
Carbon tetrachloride	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
Chlorobenzene	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
Chloroethane	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
Chloroform	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
Chloromethane	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-97

Client Sample ID: GP28-W-14.0
Collection Date: 3/4/2010 10:00:00 AM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
Dibromochloromethane	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
Dibromomethane	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
Dichlorodifluoromethane	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
Ethylbenzene	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
Hexachlorobutadiene	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
Isopropylbenzene	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
m,p-Xylene	ND	2.00		µg/L	1	3/11/2010 9:01:00 AM
Methyl tert-butyl ether	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
Methylene Chloride	ND	20.0		µg/L	1	3/11/2010 9:01:00 AM
n-Butylbenzene	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
n-Propylbenzene	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
Naphthalene	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
o-Xylene	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
sec-Butylbenzene	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
Styrene	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
tert-Butylbenzene	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
Tetrachloroethene	1.17	1.00		µg/L	1	3/11/2010 9:01:00 AM
Toluene	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
Trichloroethene	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
Trichlorofluoromethane	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
Vinyl Chloride	ND	1.00		µg/L	1	3/11/2010 9:01:00 AM
Surr: 1,2-Dichloroethane-d4	94.5	72.2-129		%REC	1	3/11/2010 9:01:00 AM
Surr: 4-Bromofluorobenzene	105	73.5-125		%REC	1	3/11/2010 9:01:00 AM
Surr: Dibromofluoromethane	91.6	58.8-148		%REC	1	3/11/2010 9:01:00 AM
Surr: Toluene-d8	105	79.8-137		%REC	1	3/11/2010 9:01:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-98

Client Sample ID: Trip Blank
Collection Date: 3/4/2010
Matrix: AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
1,1-Dichloroethane	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
1,1-Dichloroethene	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
1,1-Dichloropropene	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
1,2-Dibromoethane	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
1,2-Dichloroethane	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
1,2-Dichloropropane	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
1,3-Dichloropropane	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
2,2-Dichloropropane	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
2-Butanone	ND	10.0		µg/L	1	3/11/2010 2:07:00 AM
2-Chlorotoluene	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
2-Hexanone	ND	10.0		µg/L	1	3/11/2010 2:07:00 AM
4-Chlorotoluene	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
4-Isopropyltoluene	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	3/11/2010 2:07:00 AM
Acetone	ND	50.0		µg/L	1	3/11/2010 2:07:00 AM
Acrylonitrile	ND	5.00		µg/L	1	3/11/2010 2:07:00 AM
Benzene	ND	0.300		µg/L	1	3/11/2010 2:07:00 AM
Bromobenzene	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
Bromochloromethane	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
Bromodichloromethane	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
Bromoform	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
Bromomethane	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
Carbon disulfide	ND	2.00		µg/L	1	3/11/2010 2:07:00 AM
Carbon tetrachloride	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
Chlorobenzene	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
Chloroethane	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
Chloroform	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
Chloromethane	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-98

Client Sample ID: Trip Blank
Collection Date: 3/4/2010
Matrix: AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
Dibromochloromethane	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
Dibromomethane	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
Dichlorodifluoromethane	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
Ethylbenzene	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
Hexachlorobutadiene	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
Isopropylbenzene	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
m,p-Xylene	ND	2.00		µg/L	1	3/11/2010 2:07:00 AM
Methyl tert-butyl ether	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
Methylene chloride	ND	20.0		µg/L	1	3/11/2010 2:07:00 AM
n-Butylbenzene	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
n-Propylbenzene	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
Naphthalene	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
o-Xylene	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
sec-Butylbenzene	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
Styrene	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
tert-Butylbenzene	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
Tetrachloroethene	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
Toluene	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
Trichloroethene	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
Trichlorofluoromethane	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
Vinyl chloride	ND	1.00		µg/L	1	3/11/2010 2:07:00 AM
Surr: 1,2-Dichloroethane-d4	96.4	72.2-129		%REC	1	3/11/2010 2:07:00 AM
Surr: 4-Bromofluorobenzene	106	73.5-125		%REC	1	3/11/2010 2:07:00 AM
Surr: Dibromofluoromethane	92.6	58.8-148		%REC	1	3/11/2010 2:07:00 AM
Surr: Toluene-d8	107	79.8-137		%REC	1	3/11/2010 2:07:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-99

Client Sample ID: GP28-W-14.0-DUP
Collection Date: 3/4/2010 10:05:00 AM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
2-Butanone	ND	10.0		µg/L	1	3/11/2010 1:48:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
2-Hexanone	ND	10.0		µg/L	1	3/11/2010 1:48:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	3/11/2010 1:48:00 PM
Acetone	ND	50.0		µg/L	1	3/11/2010 1:48:00 PM
Acrylonitrile	ND	5.00		µg/L	1	3/11/2010 1:48:00 PM
Benzene	ND	0.300		µg/L	1	3/11/2010 1:48:00 PM
Bromobenzene	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
Bromochloromethane	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
Bromoform	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
Bromomethane	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
Carbon disulfide	ND	2.00		µg/L	1	3/11/2010 1:48:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
Chlorobenzene	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
Chloroethane	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
Chloroform	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
Chloromethane	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003038
Project: URIC / 8006.31.01
Lab ID: 1003038-99

Client Sample ID: GP28-W-14.0-DUP
Collection Date: 3/4/2010 10:05:00 AM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
Dibromomethane	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
Ethylbenzene	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
m,p-Xylene	ND	2.00		µg/L	1	3/11/2010 1:48:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
Methylene chloride	ND	20.0		µg/L	1	3/11/2010 1:48:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
Naphthalene	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
o-Xylene	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
Styrene	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
Tetrachloroethene	1.21	1.00		µg/L	1	3/11/2010 1:48:00 PM
Toluene	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
Trichloroethene	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
Vinyl chloride	ND	1.00		µg/L	1	3/11/2010 1:48:00 PM
Surr: 1,2-Dichloroethane-d4	94.2	72.2-129		%REC	1	3/11/2010 1:48:00 PM
Surr: 4-Bromofluorobenzene	105	73.5-125		%REC	1	3/11/2010 1:48:00 PM
Surr: Dibromofluoromethane	91.6	58.8-148		%REC	1	3/11/2010 1:48:00 PM
Surr: Toluene-d8	104	79.8-137		%REC	1	3/11/2010 1:48:00 PM

CLIENT: Maul, Foster & Alongi
Work Order: 1003038
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT**TestCode: 8260_5035**

Sample ID: MB-25099	SampType: MBLK	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/7/2010	Run ID: 5973J_100307A						
Client ID: ZZZZZ	Batch ID: 25099	TestNo: SW8260B	Analysis Date: 3/7/2010	SeqNo: 661146							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	10.0									
1,1,1-Trichloroethane	ND	10.0									
1,1,2,2-Tetrachloroethane	ND	10.0									
1,1,2-Trichloroethane	ND	10.0									
1,1-Dichloroethane	ND	10.0									
1,1-Dichloroethene	ND	10.0									
1,1-Dichloropropene	ND	10.0									
1,2,3-Trichlorobenzene	ND	10.0									
1,2,3-Trichloropropane	ND	10.0									
1,2,4-Trichlorobenzene	ND	10.0									
1,2,4-Trimethylbenzene	ND	10.0									
1,2-Dibromo-3-chloropropane	ND	10.0									
1,2-Dibromoethane	ND	10.0									
1,2-Dichlorobenzene	ND	10.0									
1,2-Dichloroethane	ND	10.0									
1,2-Dichloropropane	ND	10.0									
1,3,5-Trimethylbenzene	ND	10.0									
1,3-Dichlorobenzene	ND	10.0									
1,3-Dichloropropane	ND	10.0									
1,4-Dichlorobenzene	ND	10.0									
2,2-Dichloropropane	ND	10.0									
2-Butanone	ND	40.0									
2-Chlorotoluene	ND	10.0									
2-Hexanone	ND	20.0									
4-Chlorotoluene	ND	10.0									
4-Isopropyltoluene	ND	10.0									
4-Methyl-2-pentanone	ND	40.0									
Acetone	ND	100									
Benzene	ND	10.0									
Bromobenzene	ND	10.0									

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003038
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: MB-25099	SampType: MBLK	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/7/2010	Run ID: 5973J_100307A						
Client ID: ZZZZZ	Batch ID: 25099	TestNo: SW8260B		Analysis Date: 3/7/2010	SeqNo: 661146						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromochloromethane	ND	10.0									
Bromodichloromethane	ND	10.0									
Bromoform	ND	10.0									
Bromomethane	ND	10.0									
Carbon Disulfide	ND	10.0									
Carbon tetrachloride	ND	10.0									
Chlorobenzene	ND	10.0									
Chloroethane	ND	10.0									
Chloroform	ND	10.0									
Chloromethane	ND	10.0									
cis-1,2-Dichloroethene	0.74	10.0									J
cis-1,3-Dichloropropene	ND	10.0									
Dibromochloromethane	ND	10.0									
Dibromomethane	ND	10.0									
Dichlorodifluoromethane	ND	10.0									
Ethylbenzene	1.18	10.0									J
Hexachlorobutadiene	ND	10.0									
Isopropylbenzene	ND	10.0									
m,p-Xylene	3.14	20.0									J
Methyl tert-butyl ether	ND	10.0									
Methylene Chloride	11.9	50.0									J
n-Butylbenzene	ND	10.0									
n-Propylbenzene	ND	10.0									
Naphthalene	ND	10.0									
o-Xylene	ND	10.0									
sec-Butylbenzene	ND	10.0									
Styrene	ND	10.0									
tert-Butylbenzene	ND	10.0									
Tetrachloroethene	ND	10.0									
Toluene	ND	10.0									
trans-1,2-Dichloroethene	ND	10.0									

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003038
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: MB-25099	SampType: MBLK	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/7/2010	Run ID: 5973J_100307A						
Client ID: ZZZZZ	Batch ID: 25099	TestNo: SW8260B		Analysis Date: 3/7/2010	SeqNo: 661146						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,3-Dichloropropene	ND	10.0									
Trichloroethene	ND	10.0									
Trichlorofluoromethane	ND	10.0									
Vinyl Chloride	ND	10.0									
Surr: 1,2-Dichloroethane-d4	113.3	0	100	0	113	71.5	112	0	0		S
Surr: 4-Bromofluorobenzene	95.89	0	100	0	95.9	75.7	122	0	0		
Surr: Dibromofluoromethane	110.1	0	100	0	110	64.3	124	0	0		
Surr: Toluene-d8	118.9	0	100	0	119	74.9	120	0	0		

Sample ID: MB-25104	SampType: MBLK	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/8/2010	Run ID: 5973J_100308A						
Client ID: ZZZZZ	Batch ID: 25104	TestNo: SW8260B		Analysis Date: 3/8/2010	SeqNo: 661579						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	10.0									
1,1,1-Trichloroethane	ND	10.0									
1,1,2,2-Tetrachloroethane	ND	10.0									
1,1,2-Trichloroethane	ND	10.0									
1,1-Dichloroethane	ND	10.0									
1,1-Dichloroethene	ND	10.0									
1,1-Dichloropropene	ND	10.0									
1,2,3-Trichlorobenzene	ND	10.0									
1,2,3-Trichloropropane	ND	10.0									
1,2,4-Trichlorobenzene	ND	10.0									
1,2,4-Trimethylbenzene	ND	10.0									
1,2-Dibromo-3-chloropropane	ND	10.0									
1,2-Dibromoethane	ND	10.0									
1,2-Dichlorobenzene	ND	10.0									
1,2-Dichloroethane	ND	10.0									
1,2-Dichloropropane	ND	10.0									
1,3,5-Trimethylbenzene	ND	10.0									
1,3-Dichlorobenzene	ND	10.0									

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003038
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: MB-25104	SampType: MBLK	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/8/2010	Run ID: 5973J_100308A						
Client ID: ZZZZZ	Batch ID: 25104	TestNo: SW8260B		Analysis Date: 3/8/2010	SeqNo: 661579						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3-Dichloropropane	ND	10.0									
1,4-Dichlorobenzene	1.03	10.0									J
2,2-Dichloropropane	ND	10.0									
2-Butanone	ND	40.0									
2-Chlorotoluene	ND	10.0									
2-Hexanone	ND	20.0									
4-Chlorotoluene	ND	10.0									
4-Isopropyltoluene	ND	10.0									
4-Methyl-2-pentanone	ND	40.0									
Acetone	ND	100									
Benzene	ND	10.0									
Bromobenzene	ND	10.0									
Bromochloromethane	ND	10.0									
Bromodichloromethane	ND	10.0									
Bromoform	ND	10.0									
Bromomethane	ND	10.0									
Carbon Disulfide	ND	10.0									
Carbon tetrachloride	ND	10.0									
Chlorobenzene	ND	10.0									
Chloroethane	ND	10.0									
Chloroform	ND	10.0									
Chloromethane	ND	10.0									
cis-1,2-Dichloroethene	ND	10.0									
cis-1,3-Dichloropropene	ND	10.0									
Dibromochloromethane	ND	10.0									
Dibromomethane	ND	10.0									
Dichlorodifluoromethane	ND	10.0									
Ethylbenzene	ND	10.0									
Hexachlorobutadiene	ND	10.0									
Isopropylbenzene	ND	10.0									
m,p-Xylene	1.66	20.0									J

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003038
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: MB-25104	SampType: MBLK	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/8/2010	Run ID: 5973J_100308A						
Client ID: ZZZZZ	Batch ID: 25104	TestNo: SW8260B		Analysis Date: 3/8/2010	SeqNo: 661579						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl tert-butyl ether	ND	10.0									
Methylene Chloride	18.56	50.0									J
n-Butylbenzene	ND	10.0									
n-Propylbenzene	ND	10.0									
Naphthalene	2.79	10.0									J
o-Xylene	ND	10.0									
sec-Butylbenzene	ND	10.0									
Styrene	ND	10.0									
tert-Butylbenzene	ND	10.0									
Tetrachloroethene	ND	10.0									
Toluene	ND	10.0									
trans-1,2-Dichloroethene	ND	10.0									
trans-1,3-Dichloropropene	ND	10.0									
Trichloroethene	ND	10.0									
Trichlorofluoromethane	ND	10.0									
Vinyl Chloride	ND	10.0									
Surr: 1,2-Dichloroethane-d4	133.2	0	100	0	133	71.5	112	0	0		S
Surr: 4-Bromofluorobenzene	96.21	0	100	0	96.2	75.7	122	0	0		
Surr: Dibromofluoromethane	113.5	0	100	0	114	64.3	124	0	0		
Surr: Toluene-d8	131.4	0	100	0	131	74.9	120	0	0		S

Sample ID: MB-25113	SampType: MBLK	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/9/2010	Run ID: 5973J_100311A						
Client ID: ZZZZZ	Batch ID: 25113	TestNo: SW8260B		Analysis Date: 3/11/2010	SeqNo: 662171						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	10.0									
1,1,1-Trichloroethane	ND	10.0									
1,1,2,2-Tetrachloroethane	ND	10.0									
1,1,2-Trichloroethane	ND	10.0									
1,1-Dichloroethane	ND	10.0									
1,1-Dichloroethene	ND	10.0									

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003038
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: MB-25113	SampType: MBLK	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/9/2010	Run ID: 5973J_100311A						
Client ID: ZZZZZ	Batch ID: 25113	TestNo: SW8260B		Analysis Date: 3/11/2010	SeqNo: 662171						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloropropene	ND	10.0									
1,2,3-Trichlorobenzene	2.66	10.0									J
1,2,3-Trichloropropane	ND	10.0									
1,2,4-Trichlorobenzene	2.14	10.0									J
1,2,4-Trimethylbenzene	ND	10.0									
1,2-Dibromo-3-chloropropane	ND	10.0									
1,2-Dibromoethane	ND	10.0									
1,2-Dichlorobenzene	0.7	10.0									J
1,2-Dichloroethane	ND	10.0									
1,2-Dichloropropane	ND	10.0									
1,3,5-Trimethylbenzene	ND	10.0									
1,3-Dichlorobenzene	0.7	10.0									J
1,3-Dichloropropane	ND	10.0									
1,4-Dichlorobenzene	1.61	10.0									J
2,2-Dichloropropane	ND	10.0									
2-Butanone	ND	40.0									
2-Chlorotoluene	ND	10.0									
2-Hexanone	ND	20.0									
4-Chlorotoluene	ND	10.0									
4-Isopropyltoluene	ND	10.0									
4-Methyl-2-pentanone	ND	40.0									
Acetone	13.53	100									J
Benzene	ND	10.0									
Bromobenzene	0.58	10.0									J
Bromochloromethane	ND	10.0									
Bromodichloromethane	ND	10.0									
Bromoform	ND	10.0									
Bromomethane	ND	10.0									
Carbon Disulfide	ND	10.0									
Carbon tetrachloride	ND	10.0									
Chlorobenzene	ND	10.0									

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003038
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: MB-25113	SampType: MBLK	TestCode: 8260_5035	Units: ug/Kg			Prep Date: 3/9/2010	Run ID: 5973J_100311A				
Client ID: ZZZZZ	Batch ID: 25113	TestNo: SW8260B				Analysis Date: 3/11/2010	SeqNo: 662171				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroethane	ND	10.0									
Chloroform	ND	10.0									
Chloromethane	ND	10.0									
cis-1,2-Dichloroethene	ND	10.0									
cis-1,3-Dichloropropene	ND	10.0									
Dibromochloromethane	ND	10.0									
Dibromomethane	ND	10.0									
Dichlorodifluoromethane	ND	10.0									
Ethylbenzene	ND	10.0									
Hexachlorobutadiene	ND	10.0									
Isopropylbenzene	ND	10.0									
m,p-Xylene	ND	20.0									
Methyl tert-butyl ether	ND	10.0									
Methylene Chloride	20.22	50.0									J
n-Butylbenzene	ND	10.0									
n-Propylbenzene	ND	10.0									
Naphthalene	5.47	10.0									J
o-Xylene	ND	10.0									
sec-Butylbenzene	ND	10.0									
Styrene	ND	10.0									
tert-Butylbenzene	ND	10.0									
Tetrachloroethene	ND	10.0									
Toluene	0.86	10.0									J
trans-1,2-Dichloroethene	ND	10.0									
trans-1,3-Dichloropropene	ND	10.0									
Trichloroethene	ND	10.0									
Trichlorofluoromethane	ND	10.0									
Vinyl Chloride	ND	10.0									
Surr: 1,2-Dichloroethane-d4	96.85	0	100	0	96.8	71.5	112	0	0		
Surr: 4-Bromofluorobenzene	104.8	0	100	0	105	75.7	122	0	0		
Surr: Dibromofluoromethane	103.2	0	100	0	103	64.3	124	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003038
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: MB-25113	SampType: MBLK	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/9/2010	Run ID: 5973J_100311A						
Client ID: ZZZZZ	Batch ID: 25113	TestNo: SW8260B		Analysis Date: 3/11/2010	SeqNo: 662171						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Toluene-d8	127.3	0	100	0	127	74.9	120	0	0		S

Sample ID: MB-25203	SampType: MBLK	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/22/2010	Run ID: 5973J_100322A						
Client ID: ZZZZZ	Batch ID: 25203	TestNo: SW8260B		Analysis Date: 3/22/2010	SeqNo: 663871						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	10.0									
1,1,1-Trichloroethane	ND	10.0									
1,1,2,2-Tetrachloroethane	ND	10.0									
1,1,2-Trichloroethane	ND	10.0									
1,1-Dichloroethane	ND	10.0									
1,1-Dichloroethene	ND	10.0									
1,1-Dichloropropene	ND	10.0									
1,2,3-Trichlorobenzene	1.03	10.0									J
1,2,3-Trichloropropane	ND	10.0									
1,2,4-Trichlorobenzene	0.93	10.0									J
1,2,4-Trimethylbenzene	ND	10.0									
1,2-Dibromo-3-chloropropane	ND	10.0									
1,2-Dibromoethane	ND	10.0									
1,2-Dichlorobenzene	ND	10.0									
1,2-Dichloroethane	ND	10.0									
1,2-Dichloropropane	ND	10.0									
1,3,5-Trimethylbenzene	ND	10.0									
1,3-Dichlorobenzene	ND	10.0									
1,3-Dichloropropane	ND	10.0									
1,4-Dichlorobenzene	0.67	10.0									J
2,2-Dichloropropane	ND	10.0									
2-Butanone	ND	40.0									
2-Chlorotoluene	ND	10.0									
2-Hexanone	ND	20.0									
4-Chlorotoluene	ND	10.0									

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003038
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: MB-25203	SampType: MBLK	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/22/2010	Run ID: 5973J_100322A						
Client ID: ZZZZZ	Batch ID: 25203	TestNo: SW8260B		Analysis Date: 3/22/2010	SeqNo: 663871						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Isopropyltoluene	ND	10.0									
4-Methyl-2-pentanone	ND	40.0									
Acetone	16.79	100									J
Benzene	ND	10.0									
Bromobenzene	ND	10.0									
Bromochloromethane	ND	10.0									
Bromodichloromethane	ND	10.0									
Bromoform	ND	10.0									
Bromomethane	ND	10.0									
Carbon Disulfide	ND	10.0									
Carbon tetrachloride	ND	10.0									
Chlorobenzene	ND	10.0									
Chloroethane	ND	10.0									
Chloroform	ND	10.0									
Chloromethane	ND	10.0									
cis-1,2-Dichloroethene	0.9	10.0									J
cis-1,3-Dichloropropene	ND	10.0									
Dibromochloromethane	ND	10.0									
Dibromomethane	ND	10.0									
Dichlorodifluoromethane	ND	10.0									
Ethylbenzene	ND	10.0									
Hexachlorobutadiene	ND	10.0									
Isopropylbenzene	ND	10.0									
m,p-Xylene	ND	20.0									
Methyl tert-butyl ether	ND	10.0									
Methylene Chloride	18.8	50.0									J
n-Butylbenzene	ND	10.0									
n-Propylbenzene	ND	10.0									
Naphthalene	2.72	10.0									J
o-Xylene	ND	10.0									
sec-Butylbenzene	ND	10.0									

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003038
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: MB-25203		SampType: MBLK		TestCode: 8260_5035		Units: ug/Kg		Prep Date: 3/22/2010		Run ID: 5973J_100322A		
Client ID: ZZZZZ		Batch ID: 25203		TestNo: SW8260B				Analysis Date: 3/22/2010		SeqNo: 663871		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Styrene	ND	10.0										
tert-Butylbenzene	ND	10.0										
Tetrachloroethene	ND	10.0										
Toluene	ND	10.0										
trans-1,2-Dichloroethene	ND	10.0										
trans-1,3-Dichloropropene	ND	10.0										
Trichloroethene	ND	10.0										
Trichlorofluoromethane	ND	10.0										
Vinyl Chloride	ND	10.0										
Surr: 1,2-Dichloroethane-d4	93.01	0	100	0	93	71.5	112	0	0			
Surr: 4-Bromofluorobenzene	105.8	0	100	0	106	75.7	122	0	0			
Surr: Dibromofluoromethane	104	0	100	0	104	64.3	124	0	0			
Surr: Toluene-d8	119.7	0	100	0	120	74.9	120	0	0			

Sample ID: LCS-25099		SampType: LCS		TestCode: 8260_5035		Units: ug/Kg		Prep Date: 3/7/2010		Run ID: 5973J_100307A		
Client ID: ZZZZZ		Batch ID: 25099		TestNo: SW8260B				Analysis Date: 3/7/2010		SeqNo: 661144		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1-Dichloroethene	60.41	10.0	60	0	101	65.4	133	0	0			
Benzene	65.65	10.0	60	0	109	78	123	0	0			
Chlorobenzene	59.18	10.0	60	0	98.6	79.5	125	0	0			
Toluene	60.73	10.0	60	0	101	77.5	132	0	0			
Trichloroethene	66.09	10.0	60	0	110	72.4	124	0	0			

Sample ID: LCS-25104		SampType: LCS		TestCode: 8260_5035		Units: ug/Kg		Prep Date: 3/8/2010		Run ID: 5973J_100308A		
Client ID: ZZZZZ		Batch ID: 25104		TestNo: SW8260B				Analysis Date: 3/8/2010		SeqNo: 661577		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1-Dichloroethene	40.66	10.0	40	0	102	65.4	133	0	0			
Benzene	30.39	10.0	40	0	76	78	123	0	0		S	
Chlorobenzene	41.32	10.0	40	0	103	79.5	125	0	0			

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003038
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: LCS-25104	SampType: LCS	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/8/2010	Run ID: 5973J_100308A						
Client ID: ZZZZZ	Batch ID: 25104	TestNo: SW8260B		Analysis Date: 3/8/2010	SeqNo: 661577						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	38.7	10.0	40	0	96.8	77.5	132	0	0		
Trichloroethene	28.51	10.0	40	0	71.3	72.4	124	0	0		S

Sample ID: LCS-25113	SampType: LCS	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/9/2010	Run ID: 5973J_100311A						
Client ID: ZZZZZ	Batch ID: 25113	TestNo: SW8260B		Analysis Date: 3/11/2010	SeqNo: 662169						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	58.32	10.0	60	0	97.2	65.4	133	0	0		
Benzene	66.92	10.0	60	0	112	78	123	0	0		
Chlorobenzene	59.38	10.0	60	0	99	79.5	125	0	0		
Toluene	61.93	10.0	60	0.86	102	77.5	132	0	0		
Trichloroethene	67.66	10.0	60	0	113	72.4	124	0	0		

Sample ID: LCS-25203	SampType: LCS	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/22/2010	Run ID: 5973J_100322A						
Client ID: ZZZZZ	Batch ID: 25203	TestNo: SW8260B		Analysis Date: 3/22/2010	SeqNo: 663880						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	66.5	10.0	60	0	111	65.4	133	0	0		
Benzene	69.81	10.0	60	0	116	78	123	0	0		
Chlorobenzene	60.15	10.0	60	0	100	79.5	125	0	0		
Toluene	59.32	10.0	60	0	98.9	77.5	132	0	0		
Trichloroethene	70.46	10.0	60	0	117	72.4	124	0	0		

Sample ID: LCSD-25099	SampType: LCSD	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/7/2010	Run ID: 5973J_100307A						
Client ID: ZZZZZ	Batch ID: 25099	TestNo: SW8260B		Analysis Date: 3/7/2010	SeqNo: 661145						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	61.68	10.0	60	0	103	65.4	133	0	0		
Benzene	67.65	10.0	60	0	113	78	123	0	0		
Chlorobenzene	61.31	10.0	60	0	102	79.5	125	0	0		
Toluene	62.94	10.0	60	0	105	77.5	132	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003038
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: LCSD-25099	SampType: LCSD	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/7/2010	Run ID: 5973J_100307A						
Client ID: ZZZZZ	Batch ID: 25099	TestNo: SW8260B		Analysis Date: 3/7/2010	SeqNo: 661145						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	66.71	10.0	60	0	111	72.4	124	0	0		

Sample ID: LCSD-25104	SampType: LCSD	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/8/2010	Run ID: 5973J_100308A						
Client ID: ZZZZZ	Batch ID: 25104	TestNo: SW8260B		Analysis Date: 3/8/2010	SeqNo: 661578						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	42.77	10.0	40	0	107	65.4	133	0	0		
Benzene	31.51	10.0	40	0	78.8	78	123	0	0		
Chlorobenzene	44.04	10.0	40	0	110	79.5	125	0	0		
Toluene	41.96	10.0	40	0	105	77.5	132	0	0		
Trichloroethene	29.91	10.0	40	0	74.8	72.4	124	0	0		

Sample ID: LCSD-25113	SampType: LCSD	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/9/2010	Run ID: 5973J_100311A						
Client ID: ZZZZZ	Batch ID: 25113	TestNo: SW8260B		Analysis Date: 3/11/2010	SeqNo: 662170						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	61.32	10.0	60	0	102	65.4	133	0	0		
Benzene	71.33	10.0	60	0	119	78	123	0	0		
Chlorobenzene	63.26	10.0	60	0	105	79.5	125	0	0		
Toluene	66.25	10.0	60	0	110	77.5	132	0	0		
Trichloroethene	71.92	10.0	60	0	120	72.4	124	0	0		

Sample ID: LCSD-25203	SampType: LCSD	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/22/2010	Run ID: 5973J_100322A						
Client ID: ZZZZZ	Batch ID: 25203	TestNo: SW8260B		Analysis Date: 3/22/2010	SeqNo: 663881						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	66.94	10.0	60	0	112	65.4	133	66.5	0.659	20	
Benzene	69.58	10.0	60	0	116	78	123	69.81	0.330	20	
Chlorobenzene	60.78	10.0	60	0	101	79.5	125	60.15	1.04	20	
Toluene	60.52	10.0	60	0	101	77.5	132	59.32	2.00	20	
Trichloroethene	70.36	10.0	60	0	117	72.4	124	70.46	0.142	20	

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits

CLIENT: Maul, Foster & Alongi
Work Order: 1003038
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: CCB-25099	SampType: CCB	TestCode: 8260_5035	Units: ug/Kg	Prep Date:	Run ID: 5973J_100307A						
Client ID: ZZZZZ	Batch ID: 25099	TestNo: SW8260B		Analysis Date: 3/8/2010	SeqNo: 661163						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	10.0	0	0	0	0	0	0	0	0	
1,1,1-Trichloroethane	ND	10.0	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	ND	10.0	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	ND	10.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	ND	10.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	ND	10.0	0	0	0	0	0	0	0	0	
1,1-Dichloropropene	ND	10.0	0	0	0	0	0	0	0	0	
1,2,3-Trichlorobenzene	ND	10.0	0	0	0	0	0	0	0	0	
1,2,3-Trichloropropane	ND	10.0	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	ND	10.0	0	0	0	0	0	0	0	0	
1,2,4-Trimethylbenzene	ND	10.0	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	ND	10.0	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	ND	10.0	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	ND	10.0	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	ND	10.0	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	ND	10.0	0	0	0	0	0	0	0	0	
1,3,5-Trimethylbenzene	ND	10.0	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	0.41	10.0	0	0	0	0	0	0	0	0	
1,3-Dichloropropane	ND	10.0	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	1.03	10.0	0	0	0	0	0	0	0	0	
2,2-Dichloropropane	ND	10.0	0	0	0	0	0	0	0	0	
2-Butanone	ND	40.0	0	0	0	0	0	0	0	0	
2-Chlorotoluene	ND	10.0	0	0	0	0	0	0	0	0	
2-Hexanone	ND	20.0	0	0	0	0	0	0	0	0	
4-Chlorotoluene	ND	10.0	0	0	0	0	0	0	0	0	
4-Isopropyltoluene	ND	10.0	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	ND	40.0	0	0	0	0	0	0	0	0	
Acetone	ND	100	0	0	0	0	0	0	0	0	
Benzene	ND	10.0	0	0	0	0	0	0	0	0	
Bromobenzene	ND	10.0	0	0	0	0	0	0	0	0	
Bromochloromethane	ND	10.0	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003038
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: CCB-25099	SampType: CCB	TestCode: 8260_5035	Units: ug/Kg		Prep Date:	Run ID: 5973J_100307A					
Client ID: ZZZZZ	Batch ID: 25099	TestNo: SW8260B			Analysis Date: 3/8/2010	SeqNo: 661163					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromodichloromethane	ND	10.0	0	0	0	0	0	0	0	0	
Bromoform	ND	10.0	0	0	0	0	0	0	0	0	
Bromomethane	0.79	10.0	0	0	0	0	0	0	0	0	
Carbon Disulfide	0.12	10.0	0	0	0	0	0	0	0	0	
Carbon tetrachloride	ND	10.0	0	0	0	0	0	0	0	0	
Chlorobenzene	0.27	10.0	0	0	0	0	0	0	0	0	
Chloroethane	ND	10.0	0	0	0	0	0	0	0	0	
Chloroform	ND	10.0	0	0	0	0	0	0	0	0	
Chloromethane	ND	10.0	0	0	0	0	0	0	0	0	
cis-1,2-Dichloroethene	0.51	10.0	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	ND	10.0	0	0	0	0	0	0	0	0	
Dibromochloromethane	ND	10.0	0	0	0	0	0	0	0	0	
Dibromomethane	ND	10.0	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	ND	10.0	0	0	0	0	0	0	0	0	
Ethylbenzene	0.68	10.0	0	0	0	0	0	0	0	0	
Hexachlorobutadiene	ND	10.0	0	0	0	0	0	0	0	0	
Isopropylbenzene	ND	10.0	0	0	0	0	0	0	0	0	
m,p-Xylene	1.66	20.0	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	ND	10.0	0	0	0	0	0	0	0	0	
Methylene Chloride	18.56	50.0	0	0	0	0	0	0	0	0	
n-Butylbenzene	ND	10.0	0	0	0	0	0	0	0	0	
n-Propylbenzene	0.14	10.0	0	0	0	0	0	0	0	0	
Naphthalene	2.79	10.0	0	0	0	0	0	0	0	0	
o-Xylene	0.3	10.0	0	0	0	0	0	0	0	0	
sec-Butylbenzene	ND	10.0	0	0	0	0	0	0	0	0	
Styrene	ND	10.0	0	0	0	0	0	0	0	0	
tert-Butylbenzene	ND	10.0	0	0	0	0	0	0	0	0	
Tetrachloroethene	ND	10.0	0	0	0	0	0	0	0	0	
Toluene	0.25	10.0	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	ND	10.0	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	ND	10.0	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003038
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: CCB-25099	SampType: CCB	TestCode: 8260_5035	Units: ug/Kg	Prep Date:	Run ID: 5973J_100307A
Client ID: ZZZZZ	Batch ID: 25099	TestNo: SW8260B		Analysis Date: 3/8/2010	SeqNo: 661163

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	ND	10.0	0	0	0	0	0	0	0		
Trichlorofluoromethane	ND	10.0	0	0	0	0	0	0	0		
Vinyl Chloride	0.4	10.0	0	0	0	0	0	0	0		
Surr: 1,2-Dichloroethane-d4	133.2	0	100	0	133	71.5	112	0	0		S
Surr: 4-Bromofluorobenzene	96.21	0	100	0	96.2	75.7	122	0	0		
Surr: Dibromofluoromethane	113.5	0	100	0	114	64.3	124	0	0		
Surr: Toluene-d8	131.4	0	100	0	131	74.9	120	0	0		S

Sample ID: CCB-25104	SampType: CCB	TestCode: 8260_5035	Units: ug/Kg	Prep Date:	Run ID: 5973J_100308A
Client ID: ZZZZZ	Batch ID: 25104	TestNo: SW8260B		Analysis Date: 3/9/2010	SeqNo: 661594

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	10.0	0	0	0	0	0	0	0		
1,1,1-Trichloroethane	ND	10.0	0	0	0	0	0	0	0		
1,1,2,2-Tetrachloroethane	ND	10.0	0	0	0	0	0	0	0		
1,1,2-Trichloroethane	ND	10.0	0	0	0	0	0	0	0		
1,1-Dichloroethane	ND	10.0	0	0	0	0	0	0	0		
1,1-Dichloroethene	0.26	10.0	0	0	0	0	0	0	0		
1,1-Dichloropropene	ND	10.0	0	0	0	0	0	0	0		
1,2,3-Trichlorobenzene	0.61	10.0	0	0	0	0	0	0	0		
1,2,3-Trichloropropane	ND	10.0	0	0	0	0	0	0	0		
1,2,4-Trichlorobenzene	0.53	10.0	0	0	0	0	0	0	0		
1,2,4-Trimethylbenzene	ND	10.0	0	0	0	0	0	0	0		
1,2-Dibromo-3-chloropropane	ND	10.0	0	0	0	0	0	0	0		
1,2-Dibromoethane	ND	10.0	0	0	0	0	0	0	0		
1,2-Dichlorobenzene	ND	10.0	0	0	0	0	0	0	0		
1,2-Dichloroethane	ND	10.0	0	0	0	0	0	0	0		
1,2-Dichloropropane	ND	10.0	0	0	0	0	0	0	0		
1,3,5-Trimethylbenzene	ND	10.0	0	0	0	0	0	0	0		
1,3-Dichlorobenzene	ND	10.0	0	0	0	0	0	0	0		
1,3-Dichloropropane	ND	10.0	0	0	0	0	0	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003038
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: CCB-25104	SampType: CCB	TestCode: 8260_5035	Units: ug/Kg		Prep Date:	Run ID: 5973J_100308A					
Client ID: ZZZZZ	Batch ID: 25104	TestNo: SW8260B			Analysis Date: 3/9/2010	SeqNo: 661594					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	0.57	10.0	0	0	0	0	0	0	0	0	
2,2-Dichloropropane	ND	10.0	0	0	0	0	0	0	0	0	
2-Butanone	ND	40.0	0	0	0	0	0	0	0	0	
2-Chlorotoluene	ND	10.0	0	0	0	0	0	0	0	0	
2-Hexanone	ND	20.0	0	0	0	0	0	0	0	0	
4-Chlorotoluene	ND	10.0	0	0	0	0	0	0	0	0	
4-Isopropyltoluene	ND	10.0	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	ND	40.0	0	0	0	0	0	0	0	0	
Acetone	12.12	100	0	0	0	0	0	0	0	0	
Benzene	ND	10.0	0	0	0	0	0	0	0	0	
Bromobenzene	ND	10.0	0	0	0	0	0	0	0	0	
Bromochloromethane	ND	10.0	0	0	0	0	0	0	0	0	
Bromodichloromethane	ND	10.0	0	0	0	0	0	0	0	0	
Bromoform	ND	10.0	0	0	0	0	0	0	0	0	
Bromomethane	0.53	10.0	0	0	0	0	0	0	0	0	
Carbon Disulfide	0.1	10.0	0	0	0	0	0	0	0	0	
Carbon tetrachloride	ND	10.0	0	0	0	0	0	0	0	0	
Chlorobenzene	0.18	10.0	0	0	0	0	0	0	0	0	
Chloroethane	ND	10.0	0	0	0	0	0	0	0	0	
Chloroform	ND	10.0	0	0	0	0	0	0	0	0	
Chloromethane	ND	10.0	0	0	0	0	0	0	0	0	
cis-1,2-Dichloroethene	0.78	10.0	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	ND	10.0	0	0	0	0	0	0	0	0	
Dibromochloromethane	ND	10.0	0	0	0	0	0	0	0	0	
Dibromomethane	ND	10.0	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	ND	10.0	0	0	0	0	0	0	0	0	
Ethylbenzene	0.41	10.0	0	0	0	0	0	0	0	0	
Hexachlorobutadiene	ND	10.0	0	0	0	0	0	0	0	0	
Isopropylbenzene	ND	10.0	0	0	0	0	0	0	0	0	
m,p-Xylene	0.77	20.0	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	ND	10.0	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003038
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: CCB-25104	SampType: CCB	TestCode: 8260_5035	Units: ug/Kg	Prep Date:	Run ID: 5973J_100308A						
Client ID: ZZZZZ	Batch ID: 25104	TestNo: SW8260B		Analysis Date: 3/9/2010	SeqNo: 661594						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methylene Chloride	6.96	50.0	0	0	0	0	0	0	0	0	
n-Butylbenzene	0.1	10.0	0	0	0	0	0	0	0	0	
n-Propylbenzene	ND	10.0	0	0	0	0	0	0	0	0	
Naphthalene	2.1	10.0	0	0	0	0	0	0	0	0	
o-Xylene	0.12	10.0	0	0	0	0	0	0	0	0	
sec-Butylbenzene	ND	10.0	0	0	0	0	0	0	0	0	
Styrene	ND	10.0	0	0	0	0	0	0	0	0	
tert-Butylbenzene	ND	10.0	0	0	0	0	0	0	0	0	
Tetrachloroethene	6.1	10.0	0	0	0	0	0	0	0	0	
Toluene	0.1	10.0	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	ND	10.0	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	ND	10.0	0	0	0	0	0	0	0	0	
Trichloroethene	ND	10.0	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	ND	10.0	0	0	0	0	0	0	0	0	
Vinyl Chloride	0.86	10.0	0	0	0	0	0	0	0	0	
Surr: 1,2-Dichloroethane-d4	147.5	0	100	0	148	71.5	112	0	0	0	S
Surr: 4-Bromofluorobenzene	102.6	0	100	0	103	75.7	122	0	0	0	
Surr: Dibromofluoromethane	110.9	0	100	0	111	64.3	124	0	0	0	
Surr: Toluene-d8	119	0	100	0	119	74.9	120	0	0	0	

Sample ID: CCB-25104	SampType: CCB	TestCode: 8260_5035	Units: ug/Kg	Prep Date:	Run ID: 5973J_100308A						
Client ID: ZZZZZ	Batch ID: 25104	TestNo: SW8260B		Analysis Date: 3/10/2010	SeqNo: 661617						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	0.95	10.0	0	0	0	0	0	0	0	0	

Sample ID: CCB-25113	SampType: CCB	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/9/2010	Run ID: 5973J_100311A						
Client ID: ZZZZZ	Batch ID: 25113	TestNo: SW8260B		Analysis Date: 3/12/2010	SeqNo: 662188						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	10.0	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003038
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: CCB-25113	SampType: CCB	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/9/2010	Run ID: 5973J_100311A						
Client ID: ZZZZZ	Batch ID: 25113	TestNo: SW8260B		Analysis Date: 3/12/2010	SeqNo: 662188						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	ND	10.0	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	ND	10.0	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	ND	10.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	ND	10.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	ND	10.0	0	0	0	0	0	0	0	0	
1,1-Dichloropropene	ND	10.0	0	0	0	0	0	0	0	0	
1,2,3-Trichlorobenzene	1.55	10.0	0	0	0	0	0	0	0	0	
1,2,3-Trichloropropane	ND	10.0	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	1.32	10.0	0	0	0	0	0	0	0	0	
1,2,4-Trimethylbenzene	0.26	10.0	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	ND	10.0	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	ND	10.0	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	0.57	10.0	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	ND	10.0	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	ND	10.0	0	0	0	0	0	0	0	0	
1,3,5-Trimethylbenzene	ND	10.0	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	0.43	10.0	0	0	0	0	0	0	0	0	
1,3-Dichloropropane	ND	10.0	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	1.1	10.0	0	0	0	0	0	0	0	0	
2,2-Dichloropropane	ND	10.0	0	0	0	0	0	0	0	0	
2-Butanone	ND	40.0	0	0	0	0	0	0	0	0	
2-Chlorotoluene	ND	10.0	0	0	0	0	0	0	0	0	
2-Hexanone	ND	20.0	0	0	0	0	0	0	0	0	
4-Chlorotoluene	0.36	10.0	0	0	0	0	0	0	0	0	
4-Isopropyltoluene	ND	10.0	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	ND	40.0	0	0	0	0	0	0	0	0	
Acetone	15.19	100	0	0	0	0	0	0	0	0	
Benzene	ND	10.0	0	0	0	0	0	0	0	0	
Bromobenzene	ND	10.0	0	0	0	0	0	0	0	0	
Bromochloromethane	ND	10.0	0	0	0	0	0	0	0	0	
Bromodichloromethane	ND	10.0	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003038
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: CCB-25113	SampType: CCB	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/9/2010	Run ID: 5973J_100311A						
Client ID: ZZZZZ	Batch ID: 25113	TestNo: SW8260B		Analysis Date: 3/12/2010	SeqNo: 662188						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromoform	ND	10.0	0	0	0	0	0	0	0	0	
Bromomethane	ND	10.0	0	0	0	0	0	0	0	0	
Carbon Disulfide	ND	10.0	0	0	0	0	0	0	0	0	
Carbon tetrachloride	ND	10.0	0	0	0	0	0	0	0	0	
Chlorobenzene	0.31	10.0	0	0	0	0	0	0	0	0	
Chloroethane	ND	10.0	0	0	0	0	0	0	0	0	
Chloroform	ND	10.0	0	0	0	0	0	0	0	0	
Chloromethane	ND	10.0	0	0	0	0	0	0	0	0	
cis-1,2-Dichloroethene	ND	10.0	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	ND	10.0	0	0	0	0	0	0	0	0	
Dibromochloromethane	ND	10.0	0	0	0	0	0	0	0	0	
Dibromomethane	ND	10.0	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	ND	10.0	0	0	0	0	0	0	0	0	
Ethylbenzene	0.32	10.0	0	0	0	0	0	0	0	0	
Hexachlorobutadiene	ND	10.0	0	0	0	0	0	0	0	0	
Isopropylbenzene	ND	10.0	0	0	0	0	0	0	0	0	
m,p-Xylene	0.55	20.0	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	ND	10.0	0	0	0	0	0	0	0	0	
Methylene Chloride	19.56	50.0	0	0	0	0	0	0	0	0	
n-Butylbenzene	0.53	10.0	0	0	0	0	0	0	0	0	
n-Propylbenzene	0.31	10.0	0	0	0	0	0	0	0	0	
Naphthalene	3.6	10.0	0	0	0	0	0	0	0	0	
o-Xylene	0.18	10.0	0	0	0	0	0	0	0	0	
sec-Butylbenzene	0.15	10.0	0	0	0	0	0	0	0	0	
Styrene	ND	10.0	0	0	0	0	0	0	0	0	
tert-Butylbenzene	ND	10.0	0	0	0	0	0	0	0	0	
Tetrachloroethene	ND	10.0	0	0	0	0	0	0	0	0	
Toluene	0.42	10.0	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	ND	10.0	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	ND	10.0	0	0	0	0	0	0	0	0	
Trichloroethene	ND	10.0	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003038
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: CCB-25113	SampType: CCB	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/9/2010	Run ID: 5973J_100311A
Client ID: ZZZZZ	Batch ID: 25113	TestNo: SW8260B		Analysis Date: 3/12/2010	SeqNo: 662188

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichlorofluoromethane	ND	10.0	0	0	0	0	0	0	0		
Vinyl Chloride	ND	10.0	0	0	0	0	0	0	0		
Surr: 1,2-Dichloroethane-d4	115.5	0	100	0	115	71.5	112	0	0		S
Surr: 4-Bromofluorobenzene	109.5	0	100	0	109	75.7	122	0	0		
Surr: Dibromofluoromethane	115.4	0	100	0	115	64.3	124	0	0		
Surr: Toluene-d8	121.8	0	100	0	122	74.9	120	0	0		S

Sample ID: CCB-25203	SampType: CCB	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/22/2010	Run ID: 5973J_100322A
Client ID: ZZZZZ	Batch ID: 25203	TestNo: SW8260B		Analysis Date: 3/23/2010	SeqNo: 663883

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	10.0	0	0	0	0	0	0	0		
1,1,1-Trichloroethane	ND	10.0	0	0	0	0	0	0	0		
1,1,2,2-Tetrachloroethane	ND	10.0	0	0	0	0	0	0	0		
1,1,2-Trichloroethane	ND	10.0	0	0	0	0	0	0	0		
1,1-Dichloroethane	ND	10.0	0	0	0	0	0	0	0		
1,1-Dichloroethene	ND	10.0	0	0	0	0	0	0	0		
1,1-Dichloropropene	ND	10.0	0	0	0	0	0	0	0		
1,2,3-Trichlorobenzene	1.03	10.0	0	0	0	0	0	0	0		
1,2,3-Trichloropropane	ND	10.0	0	0	0	0	0	0	0		
1,2,4-Trichlorobenzene	0.87	10.0	0	0	0	0	0	0	0		
1,2,4-Trimethylbenzene	ND	10.0	0	0	0	0	0	0	0		
1,2-Dibromo-3-chloropropane	ND	10.0	0	0	0	0	0	0	0		
1,2-Dibromoethane	ND	10.0	0	0	0	0	0	0	0		
1,2-Dichlorobenzene	0.29	10.0	0	0	0	0	0	0	0		
1,2-Dichloroethane	ND	10.0	0	0	0	0	0	0	0		
1,2-Dichloropropane	ND	10.0	0	0	0	0	0	0	0		
1,3,5-Trimethylbenzene	ND	10.0	0	0	0	0	0	0	0		
1,3-Dichlorobenzene	0.28	10.0	0	0	0	0	0	0	0		
1,3-Dichloropropane	ND	10.0	0	0	0	0	0	0	0		
1,4-Dichlorobenzene	0.58	10.0	0	0	0	0	0	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003038
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: CCB-25203	SampType: CCB	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/22/2010	Run ID: 5973J_100322A						
Client ID: ZZZZZ	Batch ID: 25203	TestNo: SW8260B		Analysis Date: 3/23/2010	SeqNo: 663883						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,2-Dichloropropane	ND	10.0	0	0	0	0	0	0	0	0	
2-Butanone	ND	40.0	0	0	0	0	0	0	0	0	
2-Chlorotoluene	ND	10.0	0	0	0	0	0	0	0	0	
2-Hexanone	ND	20.0	0	0	0	0	0	0	0	0	
4-Chlorotoluene	ND	10.0	0	0	0	0	0	0	0	0	
4-Isopropyltoluene	ND	10.0	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	ND	40.0	0	0	0	0	0	0	0	0	
Acetone	12.82	100	0	0	0	0	0	0	0	0	
Benzene	ND	10.0	0	0	0	0	0	0	0	0	
Bromobenzene	ND	10.0	0	0	0	0	0	0	0	0	
Bromochloromethane	ND	10.0	0	0	0	0	0	0	0	0	
Bromodichloromethane	ND	10.0	0	0	0	0	0	0	0	0	
Bromoform	ND	10.0	0	0	0	0	0	0	0	0	
Bromomethane	0.75	10.0	0	0	0	0	0	0	0	0	
Carbon Disulfide	0.26	10.0	0	0	0	0	0	0	0	0	
Carbon tetrachloride	ND	10.0	0	0	0	0	0	0	0	0	
Chlorobenzene	0.17	10.0	0	0	0	0	0	0	0	0	
Chloroethane	ND	10.0	0	0	0	0	0	0	0	0	
Chloroform	ND	10.0	0	0	0	0	0	0	0	0	
Chloromethane	ND	10.0	0	0	0	0	0	0	0	0	
cis-1,2-Dichloroethene	1.01	10.0	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	ND	10.0	0	0	0	0	0	0	0	0	
Dibromochloromethane	ND	10.0	0	0	0	0	0	0	0	0	
Dibromomethane	ND	10.0	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	ND	10.0	0	0	0	0	0	0	0	0	
Ethylbenzene	0.23	10.0	0	0	0	0	0	0	0	0	
Hexachlorobutadiene	ND	10.0	0	0	0	0	0	0	0	0	
Isopropylbenzene	ND	10.0	0	0	0	0	0	0	0	0	
m,p-Xylene	0.32	20.0	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	ND	10.0	0	0	0	0	0	0	0	0	
Methylene Chloride	23.21	50.0	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003038
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: CCB-25203	SampType: CCB	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/22/2010	Run ID: 5973J_100322A						
Client ID: ZZZZZ	Batch ID: 25203	TestNo: SW8260B		Analysis Date: 3/23/2010	SeqNo: 663883						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
n-Butylbenzene	0.22	10.0	0	0	0	0	0	0	0	0	
n-Propylbenzene	0.15	10.0	0	0	0	0	0	0	0	0	
Naphthalene	2.47	10.0	0	0	0	0	0	0	0	0	
o-Xylene	ND	10.0	0	0	0	0	0	0	0	0	
sec-Butylbenzene	ND	10.0	0	0	0	0	0	0	0	0	
Styrene	ND	10.0	0	0	0	0	0	0	0	0	
tert-Butylbenzene	ND	10.0	0	0	0	0	0	0	0	0	
Tetrachloroethene	ND	10.0	0	0	0	0	0	0	0	0	
Toluene	ND	10.0	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	ND	10.0	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	ND	10.0	0	0	0	0	0	0	0	0	
Trichloroethene	ND	10.0	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	ND	10.0	0	0	0	0	0	0	0	0	
Vinyl Chloride	0.53	10.0	0	0	0	0	0	0	0	0	
Surr: 1,2-Dichloroethane-d4	122.8	0	100	0	123	71.5	112	0	0	0	S
Surr: 4-Bromofluorobenzene	111.3	0	100	0	111	75.7	122	0	0	0	
Surr: Dibromofluoromethane	111.1	0	100	0	111	64.3	124	0	0	0	
Surr: Toluene-d8	110.3	0	100	0	110	74.9	120	0	0	0	

Sample ID: CCV-25099	SampType: CCV	TestCode: 8260_5035	Units: ug/Kg	Prep Date:	Run ID: 5973J_100307A						
Client ID: ZZZZZ	Batch ID: 25099	TestNo: SW8260B		Analysis Date: 3/7/2010	SeqNo: 661143						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	60.75	10.0	60	0	101	80	120	0	0	0	
1,2-Dichloropropane	63.03	10.0	60	0	105	80	120	0	0	0	
Chloroform	60.72	10.0	60	0	101	80	120	0	0	0	
Ethylbenzene	63.56	10.0	60	0	106	80	120	0	0	0	
Toluene	61.61	10.0	60	0	103	80	120	0	0	0	
Vinyl Chloride	57.11	10.0	60	0	95.2	80	120	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003038
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: CCV-25099		SampType: CCV		TestCode: 8260_5035		Units: ug/Kg		Prep Date:		Run ID: 5973J_100307A		
Client ID: ZZZZZ		Batch ID: 25099		TestNo: SW8260B				Analysis Date: 3/8/2010		SeqNo: 661162		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1-Dichloroethene	45.15	10.0	40	0	113	80	120	0	0			
1,2-Dichloropropane	33.09	10.0	40	0	82.7	80	120	0	0			
Chloroform	32.9	10.0	40	0	82.2	80	120	0	0			
Ethylbenzene	42.97	10.0	40	0	107	80	120	0	0			
Toluene	42.11	10.0	40	0	105	80	120	0	0			
Vinyl Chloride	34.92	10.0	40	0	87.3	80	120	0	0			

Sample ID: CCV-25104		SampType: CCV		TestCode: 8260_5035		Units: ug/Kg		Prep Date:		Run ID: 5973J_100308A		
Client ID: ZZZZZ		Batch ID: 25104		TestNo: SW8260B				Analysis Date: 3/8/2010		SeqNo: 661576		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1-Dichloroethene	45.15	10.0	40	0	113	80	120	0	0			
1,2-Dichloropropane	33.09	10.0	40	0	82.7	80	120	0	0			
Chloroform	32.9	10.0	40	0	82.2	80	120	0	0			
Ethylbenzene	42.97	10.0	40	0	107	80	120	0	0			
Toluene	42.11	10.0	40	0	105	80	120	0	0			
Vinyl Chloride	34.92	10.0	40	0	87.3	80	120	0	0			

Sample ID: CCV-25104		SampType: CCV		TestCode: 8260_5035		Units: ug/Kg		Prep Date:		Run ID: 5973J_100308A		
Client ID: ZZZZZ		Batch ID: 25104		TestNo: SW8260B				Analysis Date: 3/9/2010		SeqNo: 661593		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1-Dichloroethene	41.39	10.0	40	0	103	80	120	0	0			
1,2-Dichloropropane	35.86	10.0	40	0	89.7	80	120	0	0			
Chloroform	33.22	10.0	40	0	83	80	120	0	0			
Ethylbenzene	38.34	10.0	40	0	95.8	80	120	0	0			
Toluene	38.07	10.0	40	0	95.2	80	120	0	0			
Vinyl Chloride	32.27	10.0	40	0	80.7	80	120	0	0			

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003038
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: CCV-25104	SampType: CCV	TestCode: 8260_5035	Units: ug/Kg	Prep Date:	Run ID: 5973J_100308A						
Client ID: ZZZZZ	Batch ID: 25104	TestNo: SW8260B		Analysis Date: 3/10/2010	SeqNo: 661616						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	40.15	10.0	40	0	100	80	120	0	0		

Sample ID: CCV-25113	SampType: CCV	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/9/2010	Run ID: 5973J_100311A						
Client ID: ZZZZZ	Batch ID: 25113	TestNo: SW8260B		Analysis Date: 3/11/2010	SeqNo: 662168						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	61.3	10.0	60	0	102	80	120	0	0		
1,2-Dichloropropane	65.26	10.0	60	0	109	80	120	0	0		
Chloroform	60.75	10.0	60	0	101	80	120	0	0		
Ethylbenzene	62.1	10.0	60	0	104	80	120	0	0		
Toluene	62	10.0	60	0	103	80	120	0	0		
Vinyl Chloride	63.45	10.0	60	0	106	80	120	0	0		

Sample ID: CCV-25113	SampType: CCV	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/9/2010	Run ID: 5973J_100311A						
Client ID: ZZZZZ	Batch ID: 25113	TestNo: SW8260B		Analysis Date: 3/12/2010	SeqNo: 662187						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	70.08	10.0	60	0	117	80	120	0	0		
1,2-Dichloropropane	67.57	10.0	60	0	113	80	120	0	0		
Chloroform	65.28	10.0	60	0	109	80	120	0	0		
Ethylbenzene	66.39	10.0	60	0	111	80	120	0	0		
Toluene	65.49	10.0	60	0	109	80	120	0	0		
Vinyl Chloride	66.7	10.0	60	0	111	80	120	0	0		

Sample ID: CCV-25203	SampType: CCV	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/22/2010	Run ID: 5973J_100322A						
Client ID: ZZZZZ	Batch ID: 25203	TestNo: SW8260B		Analysis Date: 3/22/2010	SeqNo: 663870						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	66.73	10.0	60	0	111	80	120	0	0		
1,2-Dichloropropane	65.87	10.0	60	0	110	80	120	0	0		
Chloroform	62.56	10.0	60	0	104	80	120	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003038
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: CCV-25203	SampType: CCV	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/22/2010	Run ID: 5973J_100322A						
Client ID: ZZZZZ	Batch ID: 25203	TestNo: SW8260B		Analysis Date: 3/22/2010	SeqNo: 663870						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ethylbenzene	60.75	10.0	60	0	101	80	120	0	0		
Toluene	58.25	10.0	60	0	97.1	80	120	0	0		
Vinyl Chloride	62.12	10.0	60	0	104	80	120	0	0		

Sample ID: CCV-25203	SampType: CCV	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/22/2010	Run ID: 5973J_100322A						
Client ID: ZZZZZ	Batch ID: 25203	TestNo: SW8260B		Analysis Date: 3/23/2010	SeqNo: 663882						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	68.6	10.0	60	0	114	80	120	0	0		
1,2-Dichloropropane	66.25	10.0	60	0	110	80	120	0	0		
Chloroform	61.82	10.0	60	0	103	80	120	0	0		
Ethylbenzene	60.18	10.0	60	0	100	80	120	0	0		
Toluene	57.76	10.0	60	0	96.3	80	120	0	0		
Vinyl Chloride	58.26	10.0	60	0	97.1	80	120	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003038
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: MB-25116	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date: 3/9/2010	Run ID: 5973L_100309A						
Client ID: ZZZZZ	Batch ID: 25116	TestNo: SW8260B		Analysis Date: 3/10/2010	SeqNo: 661755						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	1.00									
1,1,1-Trichloroethane	ND	1.00									
1,1,2,2-Tetrachloroethane	ND	1.00									
1,1,2-Trichloroethane	ND	1.00									
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,1-Dichloropropene	ND	1.00									
1,2,3-Trichlorobenzene	0.61	1.00									J
1,2,3-Trichloropropane	ND	1.00									
1,2,4-Trichlorobenzene	0.37	1.00									J
1,2,4-Trimethylbenzene	ND	1.00									
1,2-Dibromo-3-chloropropane	ND	1.00									
1,2-Dibromoethane	ND	1.00									
1,2-Dichlorobenzene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
1,2-Dichloropropane	ND	1.00									
1,3,5-Trimethylbenzene	ND	1.00									
1,3-Dichlorobenzene	ND	1.00									
1,3-Dichloropropane	ND	1.00									
1,4-Dichlorobenzene	ND	1.00									
2,2-Dichloropropane	ND	1.00									
2-Butanone	ND	10.0									
2-Chlorotoluene	ND	1.00									
2-Hexanone	0.24	10.0									J
4-Chlorotoluene	ND	1.00									
4-Isopropyltoluene	ND	1.00									
4-Methyl-2-pentanone	ND	20.0									
Acetone	2.07	50.0									J
Acrylonitrile	ND	5.00									
Benzene	ND	0.300									
Bromobenzene	ND	1.00									

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003038
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: MB-25116	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date: 3/9/2010	Run ID: 5973L_100309A						
Client ID: ZZZZZ	Batch ID: 25116	TestNo: SW8260B		Analysis Date: 3/10/2010	SeqNo: 661755						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromochloromethane	ND	1.00									
Bromodichloromethane	ND	1.00									
Bromoform	ND	1.00									
Bromomethane	ND	1.00									
Carbon disulfide	ND	2.00									
Carbon tetrachloride	ND	1.00									
Chlorobenzene	ND	1.00									
Chloroethane	ND	1.00									
Chloroform	ND	1.00									
Chloromethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
cis-1,3-Dichloropropene	ND	1.00									
Dibromochloromethane	ND	1.00									
Dibromomethane	ND	1.00									
Dichlorodifluoromethane	ND	1.00									
Ethylbenzene	ND	1.00									
Hexachlorobutadiene	ND	1.00									
Isopropylbenzene	ND	1.00									
m,p-Xylene	ND	2.00									
Methyl tert-butyl ether	ND	1.00									
Methylene chloride	5.42	20.0									J
n-Butylbenzene	0.17	1.00									J
n-Propylbenzene	ND	1.00									
Naphthalene	3.55	1.00									
o-Xylene	ND	1.00									
sec-Butylbenzene	ND	1.00									
Styrene	ND	1.00									
tert-Butylbenzene	ND	1.00									
Tetrachloroethene	ND	1.00									
Toluene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003038
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: MB-25116	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date: 3/9/2010	Run ID: 5973L_100309A
Client ID: ZZZZZ	Batch ID: 25116	TestNo: SW8260B		Analysis Date: 3/10/2010	SeqNo: 661755

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,3-Dichloropropene	ND	1.00									
Trichloroethene	ND	1.00									
Trichlorofluoromethane	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	95.05	0	100	0	95	72.2	129	0	0		
Surr: 4-Bromofluorobenzene	104.1	0	100	0	104	73.5	125	0	0		
Surr: Dibromofluoromethane	92.27	0	100	0	92.3	58.8	148	0	0		
Surr: Toluene-d8	106	0	100	0	106	79.8	137	0	0		

Sample ID: MB-25134	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date: 3/11/2010	Run ID: 5973L_100311B
Client ID: ZZZZZ	Batch ID: 25134	TestNo: SW8260B		Analysis Date: 3/11/2010	SeqNo: 662222

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	1.00									
1,1,1-Trichloroethane	ND	1.00									
1,1,2,2-Tetrachloroethane	ND	1.00									
1,1,2-Trichloroethane	ND	1.00									
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,1-Dichloropropene	ND	1.00									
1,2,3-Trichlorobenzene	0.32	1.00									J
1,2,3-Trichloropropane	ND	1.00									
1,2,4-Trichlorobenzene	0.19	1.00									J
1,2,4-Trimethylbenzene	ND	1.00									
1,2-Dibromo-3-chloropropane	ND	1.00									
1,2-Dibromoethane	ND	1.00									
1,2-Dichlorobenzene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
1,2-Dichloropropane	ND	1.00									
1,3,5-Trimethylbenzene	ND	1.00									
1,3-Dichlorobenzene	ND	1.00									

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003038
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: MB-25134	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date: 3/11/2010	Run ID: 5973L_100311B
Client ID: ZZZZZ	Batch ID: 25134	TestNo: SW8260B		Analysis Date: 3/11/2010	SeqNo: 662222

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3-Dichloropropane	ND	1.00									
1,4-Dichlorobenzene	ND	1.00									
2,2-Dichloropropane	ND	1.00									
2-Butanone	ND	10.0									
2-Chlorotoluene	ND	1.00									
2-Hexanone	ND	10.0									
4-Chlorotoluene	ND	1.00									
4-Isopropyltoluene	ND	1.00									
4-Methyl-2-pentanone	ND	20.0									
Acetone	2.61	50.0									J
Acrylonitrile	ND	5.00									
Benzene	ND	0.300									
Bromobenzene	ND	1.00									
Bromochloromethane	ND	1.00									
Bromodichloromethane	ND	1.00									
Bromoform	ND	1.00									
Bromomethane	ND	1.00									
Carbon disulfide	ND	2.00									
Carbon tetrachloride	ND	1.00									
Chlorobenzene	ND	1.00									
Chloroethane	ND	1.00									
Chloroform	ND	1.00									
Chloromethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
cis-1,3-Dichloropropene	ND	1.00									
Dibromochloromethane	ND	1.00									
Dibromomethane	ND	1.00									
Dichlorodifluoromethane	ND	1.00									
Ethylbenzene	ND	1.00									
Hexachlorobutadiene	ND	1.00									
Isopropylbenzene	ND	1.00									

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003038
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: MB-25134	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date: 3/11/2010	Run ID: 5973L_100311B						
Client ID: ZZZZZ	Batch ID: 25134	TestNo: SW8260B		Analysis Date: 3/11/2010	SeqNo: 662222						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
m,p-Xylene	ND	2.00									
Methyl tert-butyl ether	ND	1.00									
Methylene chloride	5.97	20.0									J
n-Butylbenzene	ND	1.00									
n-Propylbenzene	ND	1.00									
Naphthalene	ND	1.00									
o-Xylene	ND	1.00									
sec-Butylbenzene	ND	1.00									
Styrene	ND	1.00									
tert-Butylbenzene	ND	1.00									
Tetrachloroethene	0.46	1.00									J
Toluene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
trans-1,3-Dichloropropene	ND	1.00									
Trichloroethene	ND	1.00									
Trichlorofluoromethane	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	94.62	0	100	0	94.6	72.2	129	0	0		
Surr: 4-Bromofluorobenzene	107.8	0	100	0	108	73.5	125	0	0		
Surr: Dibromofluoromethane	88.18	0	100	0	88.2	58.8	148	0	0		
Surr: Toluene-d8	107	0	100	0	107	79.8	137	0	0		

Sample ID: LCS-25116	SampType: LCS	TestCode: 8260_W	Units: µg/L	Prep Date: 3/9/2010	Run ID: 5973L_100309A						
Client ID: ZZZZZ	Batch ID: 25116	TestNo: SW8260B		Analysis Date: 3/10/2010	SeqNo: 661752						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	34.19	1.00	40	0	85.5	69.9	130	0	0		
Benzene	41.9	0.300	40	0	105	77.9	125	0	0		
Chlorobenzene	36.96	1.00	40	0	92.4	82.5	114	0	0		
Toluene	43.03	1.00	40	0	108	74.6	119	0	0		
Trichloroethene	36.66	1.00	40	0	91.7	74.7	125	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003038
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: LCS-25134	SampType: LCS	TestCode: 8260_W	Units: µg/L	Prep Date: 3/11/2010	Run ID: 5973L_100311B						
Client ID: ZZZZZ	Batch ID: 25134	TestNo: SW8260B		Analysis Date: 3/11/2010	SeqNo: 662227						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	35.03	1.00	40	0	87.6	69.9	130	0	0		
Benzene	45.43	0.300	40	0	114	77.9	125	0	0		
Chlorobenzene	39.72	1.00	40	0	99.3	82.5	114	0	0		
Toluene	46.81	1.00	40	0	117	74.6	119	0	0		
Trichloroethene	41.17	1.00	40	0	103	74.7	125	0	0		

Sample ID: 1003038-37AMS	SampType: MS	TestCode: 8260_W	Units: µg/L	Prep Date: 3/9/2010	Run ID: 5973L_100309A						
Client ID: GP40-W-11.5	Batch ID: 25116	TestNo: SW8260B		Analysis Date: 3/10/2010	SeqNo: 661753						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	35.18	1.00	40	0	88	51.4	176	0	0		
Benzene	41.42	0.300	40	0	104	71.5	118	0	0		
Chlorobenzene	36.61	1.00	40	0	91.5	79.8	114	0	0		
Toluene	42.88	1.00	40	0	107	79.6	121	0	0		
Trichloroethene	36.43	1.00	40	0	91.1	73.6	120	0	0		

Sample ID: 1003038-99AMS	SampType: MS	TestCode: 8260_W	Units: µg/L	Prep Date: 3/11/2010	Run ID: 5973L_100311B						
Client ID: GP28-W-14.0-DUP	Batch ID: 25134	TestNo: SW8260B		Analysis Date: 3/11/2010	SeqNo: 662229						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	38.91	1.00	40	0	97.3	51.4	176	0	0		
Benzene	43.94	0.300	40	0	110	71.5	118	0	0		
Chlorobenzene	38.43	1.00	40	0	96.1	79.8	114	0	0		
Toluene	45.41	1.00	40	0	114	79.6	121	0	0		
Trichloroethene	40.5	1.00	40	0	101	73.6	120	0	0		

Sample ID: 1003038-37AMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date: 3/9/2010	Run ID: 5973L_100309A						
Client ID: GP40-W-11.5	Batch ID: 25116	TestNo: SW8260B		Analysis Date: 3/10/2010	SeqNo: 661754						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	35.46	1.00	40	0	88.6	51.4	176	35.18	0.793	20	
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Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits

CLIENT: Maul, Foster & Alongi
Work Order: 1003038
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: 1003038-37AMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date: 3/9/2010	Run ID: 5973L_100309A						
Client ID: GP40-W-11.5	Batch ID: 25116	TestNo: SW8260B		Analysis Date: 3/10/2010	SeqNo: 661754						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	40.59	0.300	40	0	101	71.5	118	41.42	2.02	20	
Chlorobenzene	36.03	1.00	40	0	90.1	79.8	114	36.61	1.60	20	
Toluene	42.45	1.00	40	0	106	79.6	121	42.88	1.01	20	
Trichloroethene	35.81	1.00	40	0	89.5	73.6	120	36.43	1.72	20	

Sample ID: 1003038-99AMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date: 3/11/2010	Run ID: 5973L_100311B						
Client ID: GP28-W-14.0-DUP	Batch ID: 25134	TestNo: SW8260B		Analysis Date: 3/11/2010	SeqNo: 662230						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	37.95	1.00	40	0	94.9	51.4	176	38.91	2.50	20	
Benzene	42.92	0.300	40	0	107	71.5	118	43.94	2.35	20	
Chlorobenzene	38.65	1.00	40	0	96.6	79.8	114	38.43	0.571	20	
Toluene	45.81	1.00	40	0	115	79.6	121	45.41	0.877	20	
Trichloroethene	39.1	1.00	40	0	97.8	73.6	120	40.5	3.52	20	

Sample ID: CCB-25116	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date: 3/9/2010	Run ID: 5973L_100309A						
Client ID: ZZZZZ	Batch ID: 25116	TestNo: SW8260B		Analysis Date: 3/11/2010	SeqNo: 661771						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1,1-Trichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
1,1-Dichloropropene	ND	1.00	0	0	0	0	0	0	0	0	
1,2,3-Trichlorobenzene	0.4	1.00	0	0	0	0	0	0	0	0	
1,2,3-Trichloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	0.32	1.00	0	0	0	0	0	0	0	0	
1,2,4-Trimethylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	ND	1.00	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003038
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: CCB-25116	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date: 3/9/2010	Run ID: 5973L_100309A						
Client ID: ZZZZZ	Batch ID: 25116	TestNo: SW8260B		Analysis Date: 3/11/2010	SeqNo: 661771						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	0.1	1.00	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,3,5-Trimethylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,3-Dichloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
2,2-Dichloropropane	ND	1.00	0	0	0	0	0	0	0	0	
2-Butanone	ND	10.0	0	0	0	0	0	0	0	0	
2-Chlorotoluene	ND	1.00	0	0	0	0	0	0	0	0	
2-Hexanone	0.26	10.0	0	0	0	0	0	0	0	0	
4-Chlorotoluene	ND	1.00	0	0	0	0	0	0	0	0	
4-Isopropyltoluene	ND	1.00	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	ND	20.0	0	0	0	0	0	0	0	0	
Acetone	5.6	50.0	0	0	0	0	0	0	0	0	
Acrylonitrile	ND	5.00	0	0	0	0	0	0	0	0	
Benzene	ND	0.300	0	0	0	0	0	0	0	0	
Bromobenzene	ND	1.00	0	0	0	0	0	0	0	0	
Bromochloromethane	ND	1.00	0	0	0	0	0	0	0	0	
Bromodichloromethane	ND	1.00	0	0	0	0	0	0	0	0	
Bromoform	ND	1.00	0	0	0	0	0	0	0	0	
Bromomethane	ND	1.00	0	0	0	0	0	0	0	0	
Carbon disulfide	ND	2.00	0	0	0	0	0	0	0	0	
Carbon tetrachloride	ND	1.00	0	0	0	0	0	0	0	0	
Chlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
Chloroethane	ND	1.00	0	0	0	0	0	0	0	0	
Chloroform	ND	1.00	0	0	0	0	0	0	0	0	
Chloromethane	0.16	1.00	0	0	0	0	0	0	0	0	
cis-1,2-Dichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	ND	1.00	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003038
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: CCB-25116	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date: 3/9/2010	Run ID: 5973L_100309A						
Client ID: ZZZZZ	Batch ID: 25116	TestNo: SW8260B		Analysis Date: 3/11/2010	SeqNo: 661771						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dibromochloromethane	ND	1.00	0	0	0	0	0	0	0	0	
Dibromomethane	ND	1.00	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	ND	1.00	0	0	0	0	0	0	0	0	
Ethylbenzene	0.13	1.00	0	0	0	0	0	0	0	0	
Hexachlorobutadiene	0.32	1.00	0	0	0	0	0	0	0	0	
Isopropylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
m,p-Xylene	ND	2.00	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	ND	1.00	0	0	0	0	0	0	0	0	
Methylene chloride	6.28	20.0	0	0	0	0	0	0	0	0	
n-Butylbenzene	0.17	1.00	0	0	0	0	0	0	0	0	
n-Propylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
Naphthalene	ND	1.00	0	0	0	0	0	0	0	0	
o-Xylene	ND	1.00	0	0	0	0	0	0	0	0	
sec-Butylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
Styrene	ND	1.00	0	0	0	0	0	0	0	0	
tert-Butylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
Tetrachloroethene	0.73	1.00	0	0	0	0	0	0	0	0	
Toluene	ND	1.00	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	ND	1.00	0	0	0	0	0	0	0	0	
Trichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	ND	1.00	0	0	0	0	0	0	0	0	
Vinyl chloride	ND	1.00	0	0	0	0	0	0	0	0	
Surr: 1,2-Dichloroethane-d4	95.47	0	100	0	95.5	72.2	129	0	0	0	
Surr: 4-Bromofluorobenzene	104	0	100	0	104	73.5	125	0	0	0	
Surr: Dibromofluoromethane	94.44	0	100	0	94.4	58.8	148	0	0	0	
Surr: Toluene-d8	107.5	0	100	0	107	79.8	137	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003038
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: CCB-25116	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date: 3/9/2010	Run ID: 5973L_100309A						
Client ID: ZZZZZ	Batch ID: 25116	TestNo: SW8260B		Analysis Date: 3/11/2010	SeqNo: 661784						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1,1-Trichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
1,1-Dichloropropene	ND	1.00	0	0	0	0	0	0	0	0	
1,2,3-Trichlorobenzene	0.32	1.00	0	0	0	0	0	0	0	0	
1,2,3-Trichloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	0.19	1.00	0	0	0	0	0	0	0	0	
1,2,4-Trimethylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,3,5-Trimethylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,3-Dichloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
2,2-Dichloropropane	ND	1.00	0	0	0	0	0	0	0	0	
2-Butanone	ND	10.0	0	0	0	0	0	0	0	0	
2-Chlorotoluene	ND	1.00	0	0	0	0	0	0	0	0	
2-Hexanone	ND	10.0	0	0	0	0	0	0	0	0	
4-Chlorotoluene	ND	1.00	0	0	0	0	0	0	0	0	
4-Isopropyltoluene	ND	1.00	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	ND	20.0	0	0	0	0	0	0	0	0	
Acetone	2.61	50.0	0	0	0	0	0	0	0	0	
Acrylonitrile	ND	5.00	0	0	0	0	0	0	0	0	
Benzene	ND	0.300	0	0	0	0	0	0	0	0	
Bromobenzene	ND	1.00	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003038
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: CCB-25116	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date: 3/9/2010	Run ID: 5973L_100309A						
Client ID: ZZZZZ	Batch ID: 25116	TestNo: SW8260B		Analysis Date: 3/11/2010	SeqNo: 661784						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromochloromethane	ND	1.00	0	0	0	0	0	0	0	0	
Bromodichloromethane	ND	1.00	0	0	0	0	0	0	0	0	
Bromoform	ND	1.00	0	0	0	0	0	0	0	0	
Bromomethane	ND	1.00	0	0	0	0	0	0	0	0	
Carbon disulfide	ND	2.00	0	0	0	0	0	0	0	0	
Carbon tetrachloride	ND	1.00	0	0	0	0	0	0	0	0	
Chlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
Chloroethane	ND	1.00	0	0	0	0	0	0	0	0	
Chloroform	ND	1.00	0	0	0	0	0	0	0	0	
Chloromethane	0.13	1.00	0	0	0	0	0	0	0	0	
cis-1,2-Dichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	ND	1.00	0	0	0	0	0	0	0	0	
Dibromochloromethane	ND	1.00	0	0	0	0	0	0	0	0	
Dibromomethane	ND	1.00	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	ND	1.00	0	0	0	0	0	0	0	0	
Ethylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
Hexachlorobutadiene	ND	1.00	0	0	0	0	0	0	0	0	
Isopropylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
m,p-Xylene	ND	2.00	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	ND	1.00	0	0	0	0	0	0	0	0	
Methylene chloride	5.97	20.0	0	0	0	0	0	0	0	0	
n-Butylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
n-Propylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
Naphthalene	ND	1.00	0	0	0	0	0	0	0	0	
o-Xylene	ND	1.00	0	0	0	0	0	0	0	0	
sec-Butylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
Styrene	ND	1.00	0	0	0	0	0	0	0	0	
tert-Butylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
Tetrachloroethene	0.46	1.00	0	0	0	0	0	0	0	0	
Toluene	ND	1.00	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	ND	1.00	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003038
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: CCB-25116		SampType: CCB		TestCode: 8260_W		Units: µg/L		Prep Date: 3/9/2010		Run ID: 5973L_100309A	
Client ID: ZZZZZ		Batch ID: 25116		TestNo: SW8260B				Analysis Date: 3/11/2010		SeqNo: 661784	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,3-Dichloropropene	ND	1.00	0	0	0	0	0	0	0	0	
Trichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	ND	1.00	0	0	0	0	0	0	0	0	
Vinyl chloride	ND	1.00	0	0	0	0	0	0	0	0	
Surr: 1,2-Dichloroethane-d4	94.62	0	100	0	94.6	72.2	129	0	0	0	
Surr: 4-Bromofluorobenzene	107.8	0	100	0	108	73.5	125	0	0	0	
Surr: Dibromofluoromethane	88.18	0	100	0	88.2	58.8	148	0	0	0	
Surr: Toluene-d8	107	0	100	0	107	79.8	137	0	0	0	

Sample ID: CCB-25134		SampType: CCB		TestCode: 8260_W		Units: µg/L		Prep Date: 3/11/2010		Run ID: 5973L_100311B	
Client ID: ZZZZZ		Batch ID: 25134		TestNo: SW8260B				Analysis Date: 3/11/2010		SeqNo: 662231	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1,1-Trichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
1,1-Dichloropropene	ND	1.00	0	0	0	0	0	0	0	0	
1,2,3-Trichlorobenzene	0.53	1.00	0	0	0	0	0	0	0	0	
1,2,3-Trichloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	0.33	1.00	0	0	0	0	0	0	0	0	
1,2,4-Trimethylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,3,5-Trimethylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	0.11	1.00	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003038
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: CCB-25134	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date: 3/11/2010	Run ID: 5973L_100311B						
Client ID: ZZZZZ	Batch ID: 25134	TestNo: SW8260B		Analysis Date: 3/11/2010	SeqNo: 662231						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3-Dichloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
2,2-Dichloropropane	ND	1.00	0	0	0	0	0	0	0	0	
2-Butanone	ND	10.0	0	0	0	0	0	0	0	0	
2-Chlorotoluene	ND	1.00	0	0	0	0	0	0	0	0	
2-Hexanone	0.34	10.0	0	0	0	0	0	0	0	0	
4-Chlorotoluene	ND	1.00	0	0	0	0	0	0	0	0	
4-Isopropyltoluene	ND	1.00	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	ND	20.0	0	0	0	0	0	0	0	0	
Acetone	3.75	50.0	0	0	0	0	0	0	0	0	
Acrylonitrile	ND	5.00	0	0	0	0	0	0	0	0	
Benzene	ND	0.300	0	0	0	0	0	0	0	0	
Bromobenzene	ND	1.00	0	0	0	0	0	0	0	0	
Bromochloromethane	ND	1.00	0	0	0	0	0	0	0	0	
Bromodichloromethane	ND	1.00	0	0	0	0	0	0	0	0	
Bromoform	ND	1.00	0	0	0	0	0	0	0	0	
Bromomethane	0.17	1.00	0	0	0	0	0	0	0	0	
Carbon disulfide	ND	2.00	0	0	0	0	0	0	0	0	
Carbon tetrachloride	ND	1.00	0	0	0	0	0	0	0	0	
Chlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
Chloroethane	ND	1.00	0	0	0	0	0	0	0	0	
Chloroform	ND	1.00	0	0	0	0	0	0	0	0	
Chloromethane	0.21	1.00	0	0	0	0	0	0	0	0	
cis-1,2-Dichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	ND	1.00	0	0	0	0	0	0	0	0	
Dibromochloromethane	ND	1.00	0	0	0	0	0	0	0	0	
Dibromomethane	ND	1.00	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	ND	1.00	0	0	0	0	0	0	0	0	
Ethylbenzene	0.13	1.00	0	0	0	0	0	0	0	0	
Hexachlorobutadiene	0.35	1.00	0	0	0	0	0	0	0	0	
Isopropylbenzene	ND	1.00	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003038
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: CCB-25134	SampType: CCB	TestCode: 8260_W	Units: µg/L		Prep Date: 3/11/2010	Run ID: 5973L_100311B					
Client ID: ZZZZZ	Batch ID: 25134	TestNo: SW8260B			Analysis Date: 3/11/2010	SeqNo: 662231					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
m,p-Xylene	ND	2.00	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	ND	1.00	0	0	0	0	0	0	0	0	
Methylene chloride	7.59	20.0	0	0	0	0	0	0	0	0	
n-Butylbenzene	0.2	1.00	0	0	0	0	0	0	0	0	
n-Propylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
Naphthalene	ND	1.00	0	0	0	0	0	0	0	0	
o-Xylene	ND	1.00	0	0	0	0	0	0	0	0	
sec-Butylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
Styrene	ND	1.00	0	0	0	0	0	0	0	0	
tert-Butylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
Tetrachloroethene	0.33	1.00	0	0	0	0	0	0	0	0	
Toluene	ND	1.00	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	ND	1.00	0	0	0	0	0	0	0	0	
Trichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	ND	1.00	0	0	0	0	0	0	0	0	
Vinyl chloride	ND	1.00	0	0	0	0	0	0	0	0	
Surr: 1,2-Dichloroethane-d4	102	0	100	0	102	72.2	129	0	0	0	
Surr: 4-Bromofluorobenzene	110.9	0	100	0	111	73.5	125	0	0	0	
Surr: Dibromofluoromethane	102.3	0	100	0	102	58.8	148	0	0	0	
Surr: Toluene-d8	115.9	0	100	0	116	79.8	137	0	0	0	

Sample ID: CCB-25134	SampType: CCB	TestCode: 8260_W	Units: µg/L		Prep Date: 3/11/2010	Run ID: 5973L_100311B					
Client ID: ZZZZZ	Batch ID: 25134	TestNo: SW8260B			Analysis Date: 3/12/2010	SeqNo: 662239					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1,1-Trichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	ND	1.00	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003038
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: CCB-25134	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date: 3/11/2010	Run ID: 5973L_100311B						
Client ID: ZZZZZ	Batch ID: 25134	TestNo: SW8260B		Analysis Date: 3/12/2010	SeqNo: 662239						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
1,1-Dichloropropene	ND	1.00	0	0	0	0	0	0	0	0	
1,2,3-Trichlorobenzene	0.93	1.00	0	0	0	0	0	0	0	0	
1,2,3-Trichloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	0.42	1.00	0	0	0	0	0	0	0	0	
1,2,4-Trimethylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	0.1	1.00	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,3,5-Trimethylbenzene	0.69	1.00	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,3-Dichloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
2,2-Dichloropropane	ND	1.00	0	0	0	0	0	0	0	0	
2-Butanone	ND	10.0	0	0	0	0	0	0	0	0	
2-Chlorotoluene	ND	1.00	0	0	0	0	0	0	0	0	
2-Hexanone	0.55	10.0	0	0	0	0	0	0	0	0	
4-Chlorotoluene	ND	1.00	0	0	0	0	0	0	0	0	
4-Isopropyltoluene	ND	1.00	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	ND	20.0	0	0	0	0	0	0	0	0	
Acetone	3.72	50.0	0	0	0	0	0	0	0	0	
Acrylonitrile	ND	5.00	0	0	0	0	0	0	0	0	
Benzene	0.43	0.300	0	0	0	0	0	0	0	0	
Bromobenzene	ND	1.00	0	0	0	0	0	0	0	0	
Bromochloromethane	ND	1.00	0	0	0	0	0	0	0	0	
Bromodichloromethane	ND	1.00	0	0	0	0	0	0	0	0	
Bromoform	ND	1.00	0	0	0	0	0	0	0	0	
Bromomethane	0.15	1.00	0	0	0	0	0	0	0	0	
Carbon disulfide	ND	2.00	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003038
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: CCB-25134	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date: 3/11/2010	Run ID: 5973L_100311B						
Client ID: ZZZZZ	Batch ID: 25134	TestNo: SW8260B		Analysis Date: 3/12/2010	SeqNo: 662239						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon tetrachloride	ND	1.00	0	0	0	0	0	0	0	0	
Chlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
Chloroethane	ND	1.00	0	0	0	0	0	0	0	0	
Chloroform	ND	1.00	0	0	0	0	0	0	0	0	
Chloromethane	0.22	1.00	0	0	0	0	0	0	0	0	
cis-1,2-Dichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	ND	1.00	0	0	0	0	0	0	0	0	
Dibromochloromethane	ND	1.00	0	0	0	0	0	0	0	0	
Dibromomethane	ND	1.00	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	ND	1.00	0	0	0	0	0	0	0	0	
Ethylbenzene	0.35	1.00	0	0	0	0	0	0	0	0	
Hexachlorobutadiene	0.42	1.00	0	0	0	0	0	0	0	0	
Isopropylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
m,p-Xylene	1.52	2.00	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	ND	1.00	0	0	0	0	0	0	0	0	
Methylene chloride	6.42	20.0	0	0	0	0	0	0	0	0	
n-Butylbenzene	0.18	1.00	0	0	0	0	0	0	0	0	
n-Propylbenzene	0.11	1.00	0	0	0	0	0	0	0	0	
Naphthalene	ND	1.00	0	0	0	0	0	0	0	0	
o-Xylene	ND	1.00	0	0	0	0	0	0	0	0	
sec-Butylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
Styrene	0.35	1.00	0	0	0	0	0	0	0	0	
tert-Butylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
Tetrachloroethene	0.22	1.00	0	0	0	0	0	0	0	0	
Toluene	ND	1.00	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	ND	1.00	0	0	0	0	0	0	0	0	
Trichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	ND	1.00	0	0	0	0	0	0	0	0	
Vinyl chloride	ND	1.00	0	0	0	0	0	0	0	0	
Surr: 1,2-Dichloroethane-d4	95.24	0	100	0	95.2	72.2	129	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003038
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: CCB-25134	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date: 3/11/2010	Run ID: 5973L_100311B						
Client ID: ZZZZZ	Batch ID: 25134	TestNo: SW8260B		Analysis Date: 3/12/2010	SeqNo: 662239						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	112.8	0	100	0	113	73.5	125	0	0		
Surr: Dibromofluoromethane	88.71	0	100	0	88.7	58.8	148	0	0		
Surr: Toluene-d8	109	0	100	0	109	79.8	137	0	0		

Sample ID: CCV-25116	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	Run ID: 5973L_100309A						
Client ID: ZZZZZ	Batch ID: 25116	TestNo: SW8260B		Analysis Date: 3/9/2010	SeqNo: 661751						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	32.9	1.00	40	0	82.2	80	120	0	0		
1,2-Dichloropropane	42.06	1.00	40	0	105	80	120	0	0		
Chloroform	32.15	1.00	40	0	80.4	80	120	0	0		
Ethylbenzene	39.49	1.00	40	0	98.7	80	120	0	0		
Toluene	41	1.00	40	0	103	80	120	0	0		
Vinyl chloride	38.78	1.00	40	0	97	80	120	0	0		

Sample ID: CCV-25116	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	Run ID: 5973L_100309A						
Client ID: ZZZZZ	Batch ID: 25116	TestNo: SW8260B		Analysis Date: 3/10/2010	SeqNo: 661770						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	34.01	1.00	40	0	85	80	120	0	0		
1,2-Dichloropropane	41.53	1.00	40	0	104	80	120	0	0		
Chloroform	32.24	1.00	40	0	80.6	80	120	0	0		
Ethylbenzene	39.43	1.00	40	0	98.6	80	120	0	0		
Toluene	41.39	1.00	40	0	103	80	120	0	0		
Vinyl chloride	37.01	1.00	40	0	92.5	80	120	0	0		

Sample ID: CCV-25116	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	Run ID: 5973L_100309A						
Client ID: ZZZZZ	Batch ID: 25116	TestNo: SW8260B		Analysis Date: 3/11/2010	SeqNo: 661783						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	32.49	1.00	40	0	81.2	80	120	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003038
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: CCV-25116	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	Run ID: 5973L_100309A						
Client ID: ZZZZZ	Batch ID: 25116	TestNo: SW8260B		Analysis Date: 3/11/2010	SeqNo: 661783						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,2-Dichloropropane	44.48	1.00	40	0	111	80	120	0	0		
Chloroform	34.52	1.00	40	0	86.3	80	120	0	0		
Ethylbenzene	42	1.00	40	0	105	80	120	0	0		
Toluene	43.22	1.00	40	0	108	80	120	0	0		
Vinyl chloride	37.87	1.00	40	0	94.7	80	120	0	0		

Sample ID: CCV-25134	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date: 3/11/2010	Run ID: 5973L_100311B						
Client ID: ZZZZZ	Batch ID: 25134	TestNo: SW8260B		Analysis Date: 3/11/2010	SeqNo: 662221						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	32.49	1.00	40	0	81.2	80	120	0	0		
1,2-Dichloropropane	44.48	1.00	40	0	111	80	120	0	0		
Chloroform	34.52	1.00	40	0	86.3	80	120	0	0		
Ethylbenzene	42	1.00	40	0	105	80	120	0	0		
Toluene	43.22	1.00	40	0	108	80	120	0	0		
Vinyl chloride	37.87	1.00	40	0	94.7	80	120	0	0		

Sample ID: CCV-25134	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date: 3/11/2010	Run ID: 5973L_100311B						
Client ID: ZZZZZ	Batch ID: 25134	TestNo: SW8260B		Analysis Date: 3/11/2010	SeqNo: 662228						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	34.5	1.00	40	0	86.2	80	120	0	0		
1,2-Dichloropropane	45.18	1.00	40	0	113	80	120	0	0		
Chloroform	34.87	1.00	40	0	87.2	80	120	0	0		
Ethylbenzene	42.2	1.00	40	0	106	80	120	0	0		
Toluene	43.53	1.00	40	0	109	80	120	0	0		
Vinyl chloride	37.89	1.00	40	0	94.7	80	120	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003038
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: CCV-25134	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date: 3/11/2010	Run ID: 5973L_100311B						
Client ID: ZZZZZ	Batch ID: 25134	TestNo: SW8260B		Analysis Date: 3/12/2010	SeqNo: 662238						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	41.2	1.00	40	0	103	80	120	0	0		
1,2-Dichloropropane	47.68	1.00	40	0	119	80	120	0	0		
Chloroform	36.64	1.00	40	0	91.6	80	120	0	0		
Ethylbenzene	44.51	1.00	40	0	111	80	120	0	0		
Toluene	47.72	1.00	40	0	119	80	120	0	0		
Vinyl chloride	38.31	1.00	40	0	95.8	80	120	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

KEY TO FLAGS

Rev. May 12, 2010

- A This sample contains a Gasoline Range Organic not identified as a specific hydrocarbon product. The result was quantified against gasoline calibration standards
- A1 This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was quantified against diesel calibration standards.
- A2 This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was quantified against a lube oil calibration standard.
- A3 The result was determined to be Non-Detect based on hydrocarbon pattern recognition. The product was carry-over from another hydrocarbon type.
- A4 The product appears to be aged or degraded diesel.
- B The blank exhibited a positive result great than the reporting limit for this compound.
- CN See Case Narrative.
- D Result is based from a dilution.
- E Result exceeds the calibration range for this compound. The result should be considered as estimate.
- F The positive result for this hydrocarbon is due to single component contamination. The product does not match any hydrocarbon in the fuels library.
- G Result may be biased high due to biogenic interferences. Clean up is recommended.
- H Sample was analyzed outside recommended holding time.
- HT At clients request, samples was analyzed outside of recommended holding time.
- J The result for this analyte is between the MDL and the PQL and should be considered as estimated concentration.
- K Diesel result is biased high due to amount of Oil contained in the sample.
- L Diesel result is biased high due to amount of Gasoline contained in the sample.
- M Oil result is biased high due to amount of Diesel contained in the sample.
- MC Sample concentration is greater than 4x the spiked value, the spiked value is considered insignificant.
- MI Result is outside control limits due to matrix interference.
- MSA Value determined by Method of Standard Addition.
- O Laboratory Control Standard (LCS) exceeded laboratory control limits, but meets CCV criteria. Data meets EPA requirements.
- Q Detection levels elevated due to sample matrix.
- R RPD control limits were exceeded.
- RF Duplicate failed due to result being at or near the method-reporting limit.
- RP Matrix spike values exceed established QC limits; post digestion spike is in control.
- S Recovery is outside control limits.
- SC Closing CCV or LCS exceeded high recovery control limits, but associated samples are non-detect. Data meets EPA requirements.
- * The result for this parameter was greater than the maximum contaminant level of the TCLP regulatory limit.

CHAIN OF CUSTODY RECORD

Specialty Analytical
 11711 SE Capps Road
 Clackamas, OR 97015
 Phone: 503-607-1331
 Fax: 503-607-1336

Contact Person/Project Manager Alan Hushes Mevi Gibson
 Company MFA
 Address 2001 NW 19TH St, Ste 200
Portland, OR
 Phone _____ Fax _____

Collected By: JR
 Signature Justin Pounds
 Printed _____

Project No. 8006.31.01 Project Name URIC
 Project Site Location OR WA Other _____
 Invoice To MFA P.O. No. _____

Turn Around Time _____
 Normal 5-7 Business Days
 Rush _____ Specify _____

Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix	No. of Containers	Analyses	For Laboratory Use	Lab I.D.
3/10	1148	GP40-S-0.5	S	4	Halo-scutched VOCs 820CB Closed system purge 2 trap SO3SA	Lab Job No. <u>1003038</u> Shipped Via <u>Specialty</u> Air Bill No. _____ Temperature On Receipt <u>3</u> °C Specialty Analytical Containers? <u>Y/N</u> Specialty Analytical Trip Blanks? <u>Y/N</u>	01
	1154	GP40-S-2.5					02
	1202	GP40-S-5.0					03
	1208	GP40-S-11.5					04
	1237	GP44-S-0.5					05
	1242	GP44-S-2.5					06
	1247	GP44-S-5.0					07
	1252	GP44-S-13.0					08
	1324	GP41-S-0.5					09
	1328	GP41-S-2.5					10
	1332	GP41-S-5.0					11
	1339	GP41-S-12.5					12
Relinquished By: <u>JR</u> Date: <u>3/9</u> Time: <u>1130</u> Company: <u>MFA</u>				Received By: <u>Samuel Pounds</u> Date: <u>3/10</u> Time: <u>1415</u> Company: _____		Relinquished By: _____ Date: _____ Time: _____	
Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt. Samples held beyond 60 days subject to storage fee(s)				Received For Lab By: <u>Alan Hushes</u> Date: <u>3/10</u> Time: <u>1445</u>			

CHAIN OF CUSTODY RECORD

Specialty Analytical
 11711 SE Capps Road
 Clackamas, OR 97015
 Phone: 503-607-1331
 Fax: 503-607-1336

Contact Person/Project Manager Alan Hughes, Meri Gibson
 Company MFA
 Address 2001 NW 19TH ST, ste 200
Portland, OR 97201
 Phone _____ Fax _____
 Project No. 8006.31.01 Project Name URIC
 Project Site Location OR WA Other _____
 Invoice To MFA P.O. No. _____

Collected By: JR
 Signature Justin Pounds
 Printed _____

Signature _____
 Printed _____

Turn Around Time
 Normal 5-7 Business Days
 Rush _____ Specify _____

Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix
3/1/2010	1400	GP45-S-0.5	S
	1406	GP45-S-2.5	
	1410	GP45-S-5.0	
	1607 ^M	GP45-S-12.5	
	1440	GP50-S-0.5	
	1445	GP50-S-2.5	
	1449	GP50-S-5.0	
	1455	GP50-S-12.5	
	1519	GP42-S-0.5	
	1523	GP42-S-2.5	
	1527	GP42-S-5.0	
	1414 ^M	GP42-S-12.5	

Reinquired By: JR Date 3/4 Time 1130
 Company: MFA

Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.
 Samples held beyond 60 days subject to storage fee(s)

Analyses		For Laboratory Use	
No. of Containers		Lab Job No.	Lab I.D.
4	Holdover VOCs	1003038	13
	5035B		14
			15
			16
			17
			18
			19
			20
			21
			22
			23
			24

Temperature On Receipt _____ °C
 Specialty Analytical Containers? Y / N
 Specialty Analytical Trip Blanks? Y / N

Reinquired By: Danielle Proulx Date 3/4/10 Time 1445
 Company: _____
 Received For Lab By: Meri Gibson Date 3/4/10 Time 1445

CHAIN OF CUSTODY RECORD

Specialty Analytical
 11711 SE Capps Road
 Clackamas, OR 97015
 Phone: 503-607-1331
 Fax: 503-607-1336

Contact Person/Project Manager Alan Hughes, Mex. Gibson
 Company MFA
 Address 2001 NW 19th St, Ste 200
Portland, OR
 Phone _____ Fax _____
 Project No. 6006.31.01 Project Name URIC
 Project Site Location OR WA Other _____
 Invoice To MFA P.O. No. _____

Collected By: JR
 Signature Justin Pounds
 Printed _____

Signature _____
 Printed _____

Turn Around Time
 Normal 5-7 Business Days
 Rush _____ Specify _____

Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix	No. of Containers	Analyses	For Laboratory Use	Lab I.D.	
3/2/10	850	GPS1-S-0.5	S	1	Halogenated VOCs 5035A	Lab Job No. <u>100303X</u> Shipped Via <u>Specialty</u> Air Bill No. _____ Temperature On Receipt _____ °C Specialty Analytical Containers? Y / N Specialty Analytical Trip Blanks? Y / N	25	
	900	GPS1-S-2.5					26	
	910	GPS1-S-5.0					27	
	915	GPS1-S-12.5					28	
	950	GPS4-S-0.5					29	
	1010	GPS4-S-2.5					30	
	1015	GPS4-S-5.0					31	
	1020	GPS4-S-12.5					32	
	1040	GPS3-S-0.5					33	
	1050	GPS3-S-2.5					34	
	1100	GPS3-S-5.0					35	
	1110	GPS3-S-12.5					36	
Relinquished By:	Time	Date	Received By:	Company:	Relinquished By:	Company:	Date	Time
<u>JR</u>	1130	3/4	<u>Jaynell Pounds</u>	<u>MFA</u>	<u>Jaynell Pounds</u>	<u>Jaynell Pounds</u>	3/4/10	1445
Company:			Received For Lab By:		Received For Lab By:		Date	Time
			<u>Justin Pounds</u>		<u>Justin Pounds</u>		3/4/10	1445

Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.
 Samples held beyond 60 days subject to storage fee(s)

CHAIN OF CUSTODY RECORD

Specialty Analytical
 11711 SE Capps Road
 Clackamas, OR 97015
 Phone: 503-607-1331
 Fax: 503-607-1336

Contact Person/Project Manager Alan Hughes, Meri Gibson
 Company MFA
 Address 2001 NW 19th Ave, Ste 200
Portland, OR
 Phone _____ Fax _____
 Project No. 8606.31.01 Project Name URLC
 Project Site Location OR WA Other _____
 Invoice To MPA P.O. No. _____

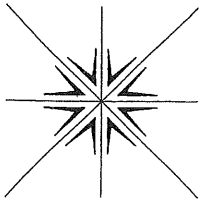
Collected By: [Signature]
 Signature Justin Pounds
 Printed _____

Signature _____
 Printed _____

Turn Around Time _____
 Normal 5-7 Business Days
 Rush _____ Specify _____

Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix	No. of Containers	Analyses	For Laboratory Use	Relinquished By:	Date	Time	
3/1/10	1722	GP40-W-11.5	W	3	Halogenated VOC's PCB's	Lab Job No. <u>1003038</u> Shipped Via _____ Air Bill No. _____ Temperature On Receipt _____ °C Specialty Analytical Containers? Y/N Specialty Analytical Trip Blanks? Y/N	Company: <u>[Signature]</u>	3/4/10	1445	
	1302	GP44-W-13.0					Comments			
	1345	GP41-W-12.5								
	1420	GP45-W-12.5								
	1500	GP50-W-12.5								
	1616	GP42-W-12.5								
3/2/10	945	GP51-W-12.5								
	1040	GP54-W-12.5								
	1130	GP53-W-12.5								
	1426	GP47-W-12.0								
3/3/10	910	GP52-W-12.5								
	1000	GP48-W-12.5								
Relinquished By:	Company:	MPA					Relinquished By:	Company:	Date	Time
							[Signature]	[Signature]	3/4/10	1130
Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt. Samples held beyond 60 days subject to storage fee(s)										
Copies: White-Original					Yellow-Project File					Pink-Customer Copy



CHAIN OF CUSTODY RECORD

Specialty Analytical
 11711 SE Capps Road
 Clackamas, OR 97015
 Phone: 503-607-1331
 Fax: 503-607-1336

Contact Person/Project Manager Alan Huskes, Merv. Gibson
 Company MFA
 Address 2001 NW 19TH Ave, Ste 200
Portland, OR
 Phone _____ Fax _____

Collected By: [Signature]
 Signature Justin Pounds
 Printed _____

Project No. 8006.31.01 Project Name UR1C
 Project Site Location OR WA Other _____
 Invoice To MFA P.O. No. _____

Turn Around Time
 Normal 5-7 Business Days
 Rush _____ Specify _____

Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix	No. of Containers	Analyses	For Laboratory Use	Relinquished By:	Date	Time	
3/2/2010	1411	GP47-S-0.5	S	1		Lab Job No. <u>1003038</u> Shipped Via _____ Air Bill No. _____ Temperature On Receipt _____ °C Specialty Analytical Containers? Y/N Specialty Analytical Trip Blanks? Y/N	Company: <u>[Signature]</u>	3/4/10	1445	
	1420	GP47-S-2.5								
	1425	GP47-S-5.0								
	1430	GP47-S-12.0								
3/3/2010	820	GP52-S-0.5								
	830	GP52-S-2.5								
	840	GP52-S-5.0								
	850	GP52-S-12.5								
	910	GP48-S-0.5								
	930	GP48-S-2.5								
	940	GP48-S-5.0								
	950	GP48-S-12.5								
Relinquished By: <u>[Signature]</u> Company: <u>MFA</u>								Received By: <u>[Signature]</u> Company: <u>[Signature]</u>	3/4	1130
Relinquished By: <u>[Signature]</u> Company: <u>[Signature]</u>								Received For Lab By: <u>Nikki Ripper</u>	3/4/10	1445

Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.
 Samples held beyond 60 days subject to storage fee(s)

CHAIN OF CUSTODY RECORD

Specialty Analytical
 11711 SE Capps Road
 Clackamas, OR 97015
 Phone: 503-607-1331
 Fax: 503-607-1336

Contact Person/Project Manager Alan Hughes
 Company MFA
 Address 2001 NW 19TH AVE, Ste 200
Portland, OR
 Phone _____ Fax _____
 Project No. 800603101 Project Name URIC
 Project Site Location OR WA Other _____
 Invoice To MFA P.O. No. _____

Collected By: [Signature]
 Signature Justin Pounds
 Printed _____

Signature _____
 Printed _____

Turn Around Time
 Normal 5-7 Business Days
 Rush _____ Specify _____

Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix	No. of Containers	Analyses	For Laboratory Use	Time
2/13/2010	1020	BS-S-0.5	S	1	Malonate voc's 82609 52378	Lab Job No. <u>1002038</u> Shipped Via _____ Air Bill No. _____ Temperature On Receipt _____ °C Specialty Analytical Containers? Y / N Specialty Analytical Trip Blanks? Y / N	1415
	1030	BS-S-2.5	S	1		Comments	1415
	1040	BS-S-5.0	S	1			1415
	1045	BS-S-12.5	S	1			1415
	1056	BS-S-14.0	S	1			1415
	1100	BS-W-12.5	S	3			1415
	1110	GPSS-S-0.5	S	1			1415
	1120	GPSS-S-2.5	S	1			1415
	1130	GPSS-S-5.0	S	1			1415
	1140	GPSS-S-12.5	S	1			1415
	1200	GPSS-W-12.5	S	3			1415
Relinquished By: <u>[Signature]</u> Company: <u>MFA</u>	Date: <u>3/4</u> Time: <u>1130</u>	Received By: <u>[Signature]</u> Company: _____	Date: <u>3/4/10</u> Time: <u>1415</u>	Relinquished By: <u>[Signature]</u> Company: <u>Danielle Pardo</u>	Date: <u>3/4/10</u> Time: <u>1415</u>	Received For Lab By: <u>[Signature]</u>	Date: <u>3/4/10</u> Time: <u>1415</u>

Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.
 Samples held beyond 60 days subject to storage fee(s)

CHAIN OF CUSTODY RECORD

Specialty Analytical
 11711 SE Capps Road
 Clackamas, OR 97015
 Phone: 503-607-1331
 Fax: 503-607-1336

Contact Person/Project Manager Alan Hughes / Meri Gibson
 Company MFA
 Address 2001 NW 19TH ST
Portland, OR
 Phone _____ Fax _____

Project No. 8006, 31.01 Project Name URIC
 Project Site Location OR WAX Other _____
 Invoice To MFA P.O. No. _____

Collected By: JR
 Signature Justin Pounds
 Printed _____

Signature _____
 Printed _____

Turn Around Time _____
 Normal 5-7 Business Days
 Rush _____ Specify _____

Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix	No. of Containers	Analyses	For Laboratory Use	Lab I.D.	Time	
3/3/2010	1230	GPS6-S-0.5	S	4	halocarbon VOCs 52608 52354	Lab Job No. <u>10030388</u> Shipped Via _____ Air Bill No. _____ Temperature On Receipt _____ °C Specialty Analytical Containers? Y/N Specialty Analytical Trip Blanks? Y/N	<u>72</u>	<u>1445</u>	
	1240	GPS6-S-2.5	I	1			<u>73</u>	<u>1445</u>	
	1250	GPS6-S-5.0	I	1			<u>74</u>	<u>1445</u>	
	1300	GPS6-S-13.5	I	1			<u>75</u>	<u>1445</u>	
	1310	GPS6-W-13.5	W	3			<u>76</u>	<u>1445</u>	
	1310	B7-S-0.5	S	4			<u>77</u>	<u>1445</u>	
	1320	B7-S-2.5	I	1			<u>78</u>	<u>1445</u>	
	1325	B7-S-5.0	I	1			<u>79</u>	<u>1445</u>	
	1330	B7-S-14.0	I	1			<u>80</u>	<u>1445</u>	
	1340	B7-W-14.0	W	3			<u>81</u>	<u>1445</u>	
	1335	B7-S-15.5	S	4			<u>82</u>	<u>1445</u>	
Relinquished By: <u>MFA</u> Date: <u>3/4</u> Time: <u>1130</u>				Received By: <u>Samuel Pounds</u>		Relinquished By: _____ Date: _____ Time: _____		Company: <u>Specialty Analytical</u>	
Company: _____				Company: <u>Specialty Analytical</u>		Company: <u>Specialty Analytical</u>		Date: <u>3/4/10</u>	
Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt. Samples held beyond 60 days subject to storage fee(s)				Received For Lab By: <u>Meri Gibson</u>		Received For Lab By: <u>Meri Gibson</u>		Date: <u>3/4/10</u>	

CHAIN OF CUSTODY RECORD

Specialty Analytical

11711 SE Capps Road
Clackamas, OR 97015
Phone: 503-607-1331
Fax: 503-607-1336

Contact Person/Project Manager Alan Hughes / Meri Gibson
Company MFA
Address 3 2001 NW 19TH AVE, STE 200
Portland, OR
Phone _____ Fax _____
Project No. 8006.31.01 Project Name URIC
Project Site Location OR WA Other _____
Invoice To MFA P.O. No. _____

Collected By: [Signature]
Signature Justin Pounds
Printed _____

Signature _____
Printed _____

Turn Around Time _____
 Normal 5-7 Business Days
 Rush _____ Specify _____

Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix
3/3/2010	1400 1400	GP49-S-0.5	S
	1410	GP49-S-2.5	S
	1420	GP49-S-5.0	S
	1430 1430	GP49-S-12.5	S
	1440	GP49-W-12.5	W
	1500	GP57-S-0.5	S
	1510	GP57-S-2.5	S
	1520	GP57-S-5.0	S
	1530	GP57-S-14.0	S
	1540	GP57-W-14.0	W

Relinquished By: [Signature] Date 3/4 Time 1130
Company: MFA
Received By: [Signature] Date _____ Time _____
Company: _____
Received For Lab By: [Signature] Date _____ Time _____

Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.
Samples held beyond 60 days subject to storage fee(s)

Analyses		For Laboratory Use	
No. of Containers		Lab Job No. <u>10030388</u>	Lab I.D.
halogenated VOCs		Shipped Via _____	<u>83</u>
82608		Air Bill No. _____	<u>84</u>
8.5035A		Temperature On Receipt _____ °C	<u>85</u>
		Specialty Analytical Containers? Y/N	<u>86</u>
		Specialty Analytical Trip Blanks? Y/N	<u>87</u>
		Comments	<u>88</u>
			<u>89</u>
			<u>90</u>
			<u>91</u>
			<u>92</u>

Relinquished By: [Signature] Date 3/4/10 Time 1445
Company: [Signature]
Received For Lab By: [Signature] Date 3/4/10 Time 1445

CHAIN OF CUSTODY RECORD

Specialty Analytical

11711 SE Capps Road
 Clackamas, OR 97015
 Phone: 503-607-1331
 Fax: 503-607-1336

Contact Person/Project Manager Alan Hughes / M. Gibson

Company MFA

Address 2001 NW 19TH, STE 200

Portland, WA

Phone _____ Fax _____

Project No. SOA.31.01 Project Name URIC

Project Site Location OR WA X Other _____

Invoice To MFA P.O. No. _____

Collected By: JR
 Signature Justin Pounds
 Printed _____

Signature _____
 Printed _____

Turn Around Time

Normal 5-7 Business Days

Rush _____ Specify _____

Rush Analyses Must Be Scheduled With The Lab In Advance

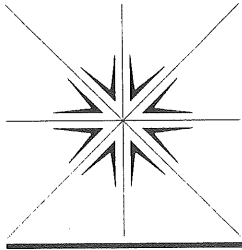
Date	Time	Sample I.D.	Matrix
3/4/10	920	GP28-5-0.5	S
	930	GP28-5-2.5	L
	940	GP28-5-5.0	L
	950	GP28-5-14.0	L
	1000	GP28-W-14.0	W
		TRIP BLANK	W
	1005	GP28-W-14.0-DUP	W

Analyses		For Laboratory Use	
No. of Containers		Lab Job No.	Lab I.D.
4	826B 5031A	1003038	96
1			94
1			95
3			96
3			97
3			98
3			99

Reinquired By: JR Received By: Samuel Penn
 Company: MFA Company: Samuel Penn
 Date: 3/4 Date: 3/4/10
 Time: 1130 Time: 1445

Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.
 Samples held beyond 60 days subject to storage fee(s)

Received For Lab By: Justin Pounds
 Date: 3/4/10



Specialty Analytical

11711 SE Capps Road
Clackamas, OR 97015
(503) 607-1331
Fax (503) 607-1336

November 23, 2010

Alan Hughes
Maul, Foster & Alongi
7223 NE Hazel Dell Avenue
Suite B
Vancouver, WA 98665
TEL: (360) 694-2691
FAX: (360) 906-1958


RE: URIC / 8006.31.01
Dear Alan Hughes:

Order No.: 1003041

Specialty Analytical received 10 samples on 3/4/2010 for the analyses presented in the following report.

REVISED REPORT VERSION 1 . Please see case narrative for information on revision.

There were no problems with the analysis and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative, or as qualified with flags. Results apply only to the samples analyzed. Without approval of the laboratory, the reproduction of this report is only permitted in its entirety.


Cindy Hillyard
Project Manager


Technical Review

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Project: URIC / 8006.31.01
Lab Order: 1003041

CASE NARRATIVE

Report Revision 1.

At the request of the client, the full list of compounds for EPA 8260B are reported.

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003041
Project: URIC / 8006.31.01
Lab ID: 1003041-01

Client Sample ID: GP46-S-0.5
Collection Date: 3/1/2010 3:42:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
1,1,1-Trichloroethane	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
1,1,2,2-Tetrachloroethane	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
1,1,2-Trichloroethane	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
1,1-Dichloroethane	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
1,1-Dichloroethene	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
1,1-Dichloropropene	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
1,2,3-Trichlorobenzene	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
1,2,3-Trichloropropane	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
1,2,4-Trichlorobenzene	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
1,2,4-Trimethylbenzene	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
1,2-Dibromo-3-chloropropane	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
1,2-Dibromoethane	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
1,2-Dichlorobenzene	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
1,2-Dichloroethane	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
1,2-Dichloropropane	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
1,3,5-Trimethylbenzene	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
1,3-Dichlorobenzene	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
1,3-Dichloropropane	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
1,4-Dichlorobenzene	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
2,2-Dichloropropane	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
2-Butanone	ND	27.2		ug/Kg-dry	1	3/11/2010 11:24:00 PM
2-Chlorotoluene	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
2-Hexanone	ND	13.6		ug/Kg-dry	1	3/11/2010 11:24:00 PM
4-Chlorotoluene	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
4-Isopropyltoluene	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
4-Methyl-2-pentanone	ND	27.2		ug/Kg-dry	1	3/11/2010 11:24:00 PM
Acetone	119	68.0		ug/Kg-dry	1	3/11/2010 11:24:00 PM
Benzene	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
Bromobenzene	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
Bromochloromethane	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
Bromodichloromethane	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
Bromoform	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
Bromomethane	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
Carbon Disulfide	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
Carbon tetrachloride	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
Chlorobenzene	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
Chloroethane	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
Chloroform	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
Chloromethane	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
cis-1,2-Dichloroethene	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003041
Project: URIC / 8006.31.01
Lab ID: 1003041-01

Client Sample ID: GP46-S-0.5
Collection Date: 3/1/2010 3:42:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
Dibromochloromethane	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
Dibromomethane	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
Dichlorodifluoromethane	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
Ethylbenzene	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
Hexachlorobutadiene	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
Isopropylbenzene	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
m,p-Xylene	ND	13.6		ug/Kg-dry	1	3/11/2010 11:24:00 PM
Methyl tert-butyl ether	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
Methylene Chloride	ND	34.0		ug/Kg-dry	1	3/11/2010 11:24:00 PM
n-Butylbenzene	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
n-Propylbenzene	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
Naphthalene	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
o-Xylene	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
sec-Butylbenzene	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
Styrene	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
tert-Butylbenzene	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
Tetrachloroethene	98.7	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
Toluene	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
trans-1,2-Dichloroethene	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
trans-1,3-Dichloropropene	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
Trichloroethene	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
Trichlorofluoromethane	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
Vinyl Chloride	ND	6.80		ug/Kg-dry	1	3/11/2010 11:24:00 PM
Surr: 1,2-Dichloroethane-d4	115	71.5-112	S	%REC	1	3/11/2010 11:24:00 PM
Surr: 4-Bromofluorobenzene	113	75.7-122		%REC	1	3/11/2010 11:24:00 PM
Surr: Dibromofluoromethane	113	64.3-124		%REC	1	3/11/2010 11:24:00 PM
Surr: Toluene-d8	120	74.9-120	S	%REC	1	3/11/2010 11:24:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003041
Project: URIC / 8006.31.01
Lab ID: 1003041-02

Client Sample ID: GP46-S-2.5
Collection Date: 3/1/2010 3:47:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/15/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: GP46-S-5.0

Lab Order: 1003041

Collection Date: 3/1/2010 3:51:00 PM

Project: URIC / 8006.31.01

Lab ID: 1003041-03

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
1,1,1-Trichloroethane	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
1,1,2,2-Tetrachloroethane	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
1,1,2-Trichloroethane	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
1,1-Dichloroethane	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
1,1-Dichloroethene	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
1,1-Dichloropropene	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
1,2,3-Trichlorobenzene	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
1,2,3-Trichloropropane	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
1,2,4-Trichlorobenzene	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
1,2,4-Trimethylbenzene	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
1,2-Dibromo-3-chloropropane	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
1,2-Dibromoethane	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
1,2-Dichlorobenzene	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
1,2-Dichloroethane	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
1,2-Dichloropropane	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
1,3,5-Trimethylbenzene	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
1,3-Dichlorobenzene	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
1,3-Dichloropropane	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
1,4-Dichlorobenzene	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
2,2-Dichloropropane	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
2-Butanone	ND	26.5		ug/Kg-dry	1	3/11/2010 11:58:00 PM
2-Chlorotoluene	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
2-Hexanone	ND	13.2		ug/Kg-dry	1	3/11/2010 11:58:00 PM
4-Chlorotoluene	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
4-Isopropyltoluene	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
4-Methyl-2-pentanone	ND	26.5		ug/Kg-dry	1	3/11/2010 11:58:00 PM
Acetone	ND	66.1		ug/Kg-dry	1	3/11/2010 11:58:00 PM
Benzene	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
Bromobenzene	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
Bromochloromethane	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
Bromodichloromethane	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
Bromoform	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
Bromomethane	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
Carbon Disulfide	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
Carbon tetrachloride	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
Chlorobenzene	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
Chloroethane	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
Chloroform	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
Chloromethane	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
cis-1,2-Dichloroethene	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003041
Project: URIC / 8006.31.01
Lab ID: 1003041-03

Client Sample ID: GP46-S-5.0
Collection Date: 3/1/2010 3:51:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
Dibromochloromethane	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
Dibromomethane	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
Dichlorodifluoromethane	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
Ethylbenzene	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
Hexachlorobutadiene	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
Isopropylbenzene	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
m,p-Xylene	ND	13.2		ug/Kg-dry	1	3/11/2010 11:58:00 PM
Methyl tert-butyl ether	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
Methylene Chloride	ND	33.1		ug/Kg-dry	1	3/11/2010 11:58:00 PM
n-Butylbenzene	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
n-Propylbenzene	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
Naphthalene	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
o-Xylene	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
sec-Butylbenzene	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
Styrene	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
tert-Butylbenzene	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
Tetrachloroethene	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
Toluene	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
trans-1,2-Dichloroethene	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
trans-1,3-Dichloropropene	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
Trichloroethene	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
Trichlorofluoromethane	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
Vinyl Chloride	ND	6.61		ug/Kg-dry	1	3/11/2010 11:58:00 PM
Surr: 1,2-Dichloroethane-d4	111	71.5-112		%REC	1	3/11/2010 11:58:00 PM
Surr: 4-Bromofluorobenzene	123	75.7-122	S	%REC	1	3/11/2010 11:58:00 PM
Surr: Dibromofluoromethane	110	64.3-124		%REC	1	3/11/2010 11:58:00 PM
Surr: Toluene-d8	117	74.9-120		%REC	1	3/11/2010 11:58:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003041
Project: URIC / 8006.31.01
Lab ID: 1003041-04

Client Sample ID: GP46-S-12.0
Collection Date: 3/1/2010 3:57:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
1,1,1-Trichloroethane	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
1,1,2,2-Tetrachloroethane	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
1,1,2-Trichloroethane	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
1,1-Dichloroethane	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
1,1-Dichloroethene	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
1,1-Dichloropropene	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
1,2,3-Trichlorobenzene	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
1,2,3-Trichloropropane	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
1,2,4-Trichlorobenzene	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
1,2,4-Trimethylbenzene	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
1,2-Dibromo-3-chloropropane	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
1,2-Dibromoethane	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
1,2-Dichlorobenzene	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
1,2-Dichloroethane	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
1,2-Dichloropropane	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
1,3,5-Trimethylbenzene	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
1,3-Dichlorobenzene	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
1,3-Dichloropropane	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
1,4-Dichlorobenzene	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
2,2-Dichloropropane	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
2-Butanone	ND	31.8		ug/Kg-dry	1	3/12/2010 12:33:00 AM
2-Chlorotoluene	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
2-Hexanone	ND	15.9		ug/Kg-dry	1	3/12/2010 12:33:00 AM
4-Chlorotoluene	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
4-Isopropyltoluene	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
4-Methyl-2-pentanone	ND	31.8		ug/Kg-dry	1	3/12/2010 12:33:00 AM
Acetone	ND	79.6		ug/Kg-dry	1	3/12/2010 12:33:00 AM
Benzene	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
Bromobenzene	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
Bromochloromethane	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
Bromodichloromethane	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
Bromoform	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
Bromomethane	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
Carbon Disulfide	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
Carbon tetrachloride	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
Chlorobenzene	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
Chloroethane	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
Chloroform	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
Chloromethane	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
cis-1,2-Dichloroethene	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003041
Project: URIC / 8006.31.01
Lab ID: 1003041-04

Client Sample ID: GP46-S-12.0
Collection Date: 3/1/2010 3:57:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
Dibromochloromethane	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
Dibromomethane	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
Dichlorodifluoromethane	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
Ethylbenzene	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
Hexachlorobutadiene	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
Isopropylbenzene	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
m,p-Xylene	ND	15.9		ug/Kg-dry	1	3/12/2010 12:33:00 AM
Methyl tert-butyl ether	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
Methylene Chloride	ND	39.8		ug/Kg-dry	1	3/12/2010 12:33:00 AM
n-Butylbenzene	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
n-Propylbenzene	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
Naphthalene	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
o-Xylene	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
sec-Butylbenzene	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
Styrene	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
tert-Butylbenzene	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
Tetrachloroethene	74.3	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
Toluene	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
trans-1,2-Dichloroethene	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
trans-1,3-Dichloropropene	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
Trichloroethene	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
Trichlorofluoromethane	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
Vinyl Chloride	ND	7.96		ug/Kg-dry	1	3/12/2010 12:33:00 AM
Surr: 1,2-Dichloroethane-d4	113	71.5-112	S	%REC	1	3/12/2010 12:33:00 AM
Surr: 4-Bromofluorobenzene	117	75.7-122		%REC	1	3/12/2010 12:33:00 AM
Surr: Dibromofluoromethane	109	64.3-124		%REC	1	3/12/2010 12:33:00 AM
Surr: Toluene-d8	117	74.9-120		%REC	1	3/12/2010 12:33:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003041
Project: URIC / 8006.31.01
Lab ID: 1003041-05

Client Sample ID: GP46-W-12.0
Collection Date: 3/1/2010 4:33:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM
2-Butanone	ND	10.0		µg/L	1	3/11/2010 7:04:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM
2-Hexanone	ND	10.0		µg/L	1	3/11/2010 7:04:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	3/11/2010 7:04:00 PM
Acetone	ND	50.0		µg/L	1	3/11/2010 7:04:00 PM
Acrylonitrile	ND	5.00		µg/L	1	3/11/2010 7:04:00 PM
Benzene	ND	0.300		µg/L	1	3/11/2010 7:04:00 PM
Bromobenzene	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM
Bromochloromethane	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM
Bromoform	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM
Bromomethane	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM
Carbon disulfide	ND	2.00		µg/L	1	3/11/2010 7:04:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM
Chlorobenzene	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM
Chloroethane	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM
Chloroform	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM
Chloromethane	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003041
Project: URIC / 8006.31.01
Lab ID: 1003041-05

Client Sample ID: GP46-W-12.0
Collection Date: 3/1/2010 4:33:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM
Dibromomethane	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM
Ethylbenzene	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM
m,p-Xylene	ND	2.00		µg/L	1	3/11/2010 7:04:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM
Methylene chloride	ND	20.0		µg/L	1	3/11/2010 7:04:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM
Naphthalene	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM
o-Xylene	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM
Styrene	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM
Tetrachloroethene	1710	20.0		µg/L	20	3/12/2010 1:27:00 PM
Toluene	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM
Trichloroethene	1.01	1.00		µg/L	1	3/11/2010 7:04:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM
Vinyl chloride	ND	1.00		µg/L	1	3/11/2010 7:04:00 PM
Surr: 1,2-Dichloroethane-d4	109	72.2-129		%REC	1	3/11/2010 7:04:00 PM
Surr: 4-Bromofluorobenzene	112	73.5-125		%REC	1	3/11/2010 7:04:00 PM
Surr: Dibromofluoromethane	109	58.8-148		%REC	1	3/11/2010 7:04:00 PM
Surr: Toluene-d8	114	79.8-137		%REC	1	3/11/2010 7:04:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003041
Project: URIC / 8006.31.01
Lab ID: 1003041-06

Client Sample ID: GP43-S-0.5
Collection Date: 3/2/2010 1:10:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
1,1,1-Trichloroethane	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
1,1,2,2-Tetrachloroethane	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
1,1,2-Trichloroethane	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
1,1-Dichloroethane	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
1,1-Dichloroethene	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
1,1-Dichloropropene	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
1,2,3-Trichlorobenzene	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
1,2,3-Trichloropropane	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
1,2,4-Trichlorobenzene	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
1,2,4-Trimethylbenzene	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
1,2-Dibromo-3-chloropropane	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
1,2-Dibromoethane	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
1,2-Dichlorobenzene	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
1,2-Dichloroethane	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
1,2-Dichloropropane	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
1,3,5-Trimethylbenzene	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
1,3-Dichlorobenzene	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
1,3-Dichloropropane	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
1,4-Dichlorobenzene	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
2,2-Dichloropropane	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
2-Butanone	ND	46.4		ug/Kg-dry	1	3/12/2010 1:07:00 AM
2-Chlorotoluene	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
2-Hexanone	ND	23.2		ug/Kg-dry	1	3/12/2010 1:07:00 AM
4-Chlorotoluene	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
4-Isopropyltoluene	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
4-Methyl-2-pentanone	ND	46.4		ug/Kg-dry	1	3/12/2010 1:07:00 AM
Acetone	ND	116		ug/Kg-dry	1	3/12/2010 1:07:00 AM
Benzene	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
Bromobenzene	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
Bromochloromethane	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
Bromodichloromethane	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
Bromoform	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
Bromomethane	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
Carbon Disulfide	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
Carbon tetrachloride	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
Chlorobenzene	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
Chloroethane	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
Chloroform	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
Chloromethane	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
cis-1,2-Dichloroethene	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: GP43-S-0.5

Lab Order: 1003041

Collection Date: 3/2/2010 1:10:00 PM

Project: URIC / 8006.31.01

Lab ID: 1003041-06

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
Dibromochloromethane	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
Dibromomethane	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
Dichlorodifluoromethane	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
Ethylbenzene	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
Hexachlorobutadiene	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
Isopropylbenzene	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
m,p-Xylene	ND	23.2		ug/Kg-dry	1	3/12/2010 1:07:00 AM
Methyl tert-butyl ether	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
Methylene Chloride	ND	58.0		ug/Kg-dry	1	3/12/2010 1:07:00 AM
n-Butylbenzene	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
n-Propylbenzene	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
Naphthalene	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
o-Xylene	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
sec-Butylbenzene	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
Styrene	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
tert-Butylbenzene	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
Tetrachloroethene	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
Toluene	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
trans-1,2-Dichloroethene	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
trans-1,3-Dichloropropene	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
Trichloroethene	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
Trichlorofluoromethane	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
Vinyl Chloride	ND	11.6		ug/Kg-dry	1	3/12/2010 1:07:00 AM
Surr: 1,2-Dichloroethane-d4	110	71.5-112		%REC	1	3/12/2010 1:07:00 AM
Surr: 4-Bromofluorobenzene	117	75.7-122		%REC	1	3/12/2010 1:07:00 AM
Surr: Dibromofluoromethane	111	64.3-124		%REC	1	3/12/2010 1:07:00 AM
Surr: Toluene-d8	117	74.9-120		%REC	1	3/12/2010 1:07:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003041
Project: URIC / 8006.31.01
Lab ID: 1003041-07

Client Sample ID: GP43-S-2.5
Collection Date: 3/2/2010 1:15:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/15/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003041
Project: URIC / 8006.31.01
Lab ID: 1003041-08

Client Sample ID: GP43-S-5.0
Collection Date: 3/2/2010 1:45:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
1,1,1-Trichloroethane	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
1,1,2,2-Tetrachloroethane	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
1,1,2-Trichloroethane	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
1,1-Dichloroethane	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
1,1-Dichloroethene	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
1,1-Dichloropropene	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
1,2,3-Trichlorobenzene	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
1,2,3-Trichloropropane	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
1,2,4-Trichlorobenzene	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
1,2,4-Trimethylbenzene	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
1,2-Dibromo-3-chloropropane	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
1,2-Dibromoethane	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
1,2-Dichlorobenzene	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
1,2-Dichloroethane	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
1,2-Dichloropropane	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
1,3,5-Trimethylbenzene	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
1,3-Dichlorobenzene	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
1,3-Dichloropropane	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
1,4-Dichlorobenzene	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
2,2-Dichloropropane	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
2-Butanone	ND	53.6		ug/Kg-dry	1	3/12/2010 1:42:00 AM
2-Chlorotoluene	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
2-Hexanone	ND	26.8		ug/Kg-dry	1	3/12/2010 1:42:00 AM
4-Chlorotoluene	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
4-Isopropyltoluene	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
4-Methyl-2-pentanone	ND	53.6		ug/Kg-dry	1	3/12/2010 1:42:00 AM
Acetone	168	134		ug/Kg-dry	1	3/12/2010 1:42:00 AM
Benzene	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
Bromobenzene	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
Bromochloromethane	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
Bromodichloromethane	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
Bromoform	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
Bromomethane	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
Carbon Disulfide	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
Carbon tetrachloride	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
Chlorobenzene	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
Chloroethane	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
Chloroform	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
Chloromethane	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
cis-1,2-Dichloroethene	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003041
Project: URIC / 8006.31.01
Lab ID: 1003041-08

Client Sample ID: GP43-S-5.0
Collection Date: 3/2/2010 1:45:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
Dibromochloromethane	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
Dibromomethane	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
Dichlorodifluoromethane	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
Ethylbenzene	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
Hexachlorobutadiene	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
Isopropylbenzene	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
m,p-Xylene	ND	26.8		ug/Kg-dry	1	3/12/2010 1:42:00 AM
Methyl tert-butyl ether	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
Methylene Chloride	ND	67.0		ug/Kg-dry	1	3/12/2010 1:42:00 AM
n-Butylbenzene	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
n-Propylbenzene	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
Naphthalene	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
o-Xylene	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
sec-Butylbenzene	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
Styrene	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
tert-Butylbenzene	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
Tetrachloroethene	58.1	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
Toluene	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
trans-1,2-Dichloroethene	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
trans-1,3-Dichloropropene	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
Trichloroethene	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
Trichlorofluoromethane	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
Vinyl Chloride	ND	13.4		ug/Kg-dry	1	3/12/2010 1:42:00 AM
Surr: 1,2-Dichloroethane-d4	110	71.5-112		%REC	1	3/12/2010 1:42:00 AM
Surr: 4-Bromofluorobenzene	117	75.7-122		%REC	1	3/12/2010 1:42:00 AM
Surr: Dibromofluoromethane	111	64.3-124		%REC	1	3/12/2010 1:42:00 AM
Surr: Toluene-d8	118	74.9-120		%REC	1	3/12/2010 1:42:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003041
Project: URIC / 8006.31.01
Lab ID: 1003041-09

Client Sample ID: GP43-S-12.5
Collection Date: 3/2/2010 1:48:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
1,1,1-Trichloroethane	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
1,1,2,2-Tetrachloroethane	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
1,1,2-Trichloroethane	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
1,1-Dichloroethane	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
1,1-Dichloroethene	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
1,1-Dichloropropene	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
1,2,3-Trichlorobenzene	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
1,2,3-Trichloropropane	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
1,2,4-Trichlorobenzene	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
1,2,4-Trimethylbenzene	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
1,2-Dibromo-3-chloropropane	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
1,2-Dibromoethane	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
1,2-Dichlorobenzene	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
1,2-Dichloroethane	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
1,2-Dichloropropane	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
1,3,5-Trimethylbenzene	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
1,3-Dichlorobenzene	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
1,3-Dichloropropane	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
1,4-Dichlorobenzene	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
2,2-Dichloropropane	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
2-Butanone	ND	42.3		ug/Kg-dry	1	3/12/2010 2:17:00 AM
2-Chlorotoluene	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
2-Hexanone	ND	21.2		ug/Kg-dry	1	3/12/2010 2:17:00 AM
4-Chlorotoluene	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
4-Isopropyltoluene	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
4-Methyl-2-pentanone	ND	42.3		ug/Kg-dry	1	3/12/2010 2:17:00 AM
Acetone	ND	106		ug/Kg-dry	1	3/12/2010 2:17:00 AM
Benzene	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
Bromobenzene	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
Bromochloromethane	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
Bromodichloromethane	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
Bromoform	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
Bromomethane	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
Carbon Disulfide	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
Carbon tetrachloride	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
Chlorobenzene	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
Chloroethane	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
Chloroform	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
Chloromethane	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
cis-1,2-Dichloroethene	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003041
Project: URIC / 8006.31.01
Lab ID: 1003041-09

Client Sample ID: GP43-S-12.5
Collection Date: 3/2/2010 1:48:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
Dibromochloromethane	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
Dibromomethane	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
Dichlorodifluoromethane	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
Ethylbenzene	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
Hexachlorobutadiene	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
Isopropylbenzene	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
m,p-Xylene	ND	21.2		ug/Kg-dry	1	3/12/2010 2:17:00 AM
Methyl tert-butyl ether	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
Methylene Chloride	ND	52.9		ug/Kg-dry	1	3/12/2010 2:17:00 AM
n-Butylbenzene	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
n-Propylbenzene	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
Naphthalene	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
o-Xylene	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
sec-Butylbenzene	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
Styrene	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
tert-Butylbenzene	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
Tetrachloroethene	115	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
Toluene	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
trans-1,2-Dichloroethene	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
trans-1,3-Dichloropropene	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
Trichloroethene	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
Trichlorofluoromethane	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
Vinyl Chloride	ND	10.6		ug/Kg-dry	1	3/12/2010 2:17:00 AM
Surr: 1,2-Dichloroethane-d4	108	71.5-112		%REC	1	3/12/2010 2:17:00 AM
Surr: 4-Bromofluorobenzene	113	75.7-122		%REC	1	3/12/2010 2:17:00 AM
Surr: Dibromofluoromethane	110	64.3-124		%REC	1	3/12/2010 2:17:00 AM
Surr: Toluene-d8	119	74.9-120		%REC	1	3/12/2010 2:17:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003041
Project: URIC / 8006.31.01
Lab ID: 1003041-10

Client Sample ID: GP43-W-12.5
Collection Date: 3/2/2010 2:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS						Analyst: kmn
		SW8260B				
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM
2-Butanone	ND	10.0		µg/L	1	3/11/2010 7:39:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM
2-Hexanone	ND	10.0		µg/L	1	3/11/2010 7:39:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	3/11/2010 7:39:00 PM
Acetone	ND	50.0		µg/L	1	3/11/2010 7:39:00 PM
Acrylonitrile	ND	5.00		µg/L	1	3/11/2010 7:39:00 PM
Benzene	ND	0.300		µg/L	1	3/11/2010 7:39:00 PM
Bromobenzene	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM
Bromochloromethane	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM
Bromoform	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM
Bromomethane	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM
Carbon disulfide	ND	2.00		µg/L	1	3/11/2010 7:39:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM
Chlorobenzene	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM
Chloroethane	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM
Chloroform	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM
Chloromethane	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003041
Project: URIC / 8006.31.01
Lab ID: 1003041-10

Client Sample ID: GP43-W-12.5
Collection Date: 3/2/2010 2:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS						
		SW8260B				Analyst: kmn
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM
Dibromomethane	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM
Ethylbenzene	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM
m,p-Xylene	ND	2.00		µg/L	1	3/11/2010 7:39:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM
Methylene chloride	ND	20.0		µg/L	1	3/11/2010 7:39:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM
Naphthalene	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM
o-Xylene	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM
Styrene	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM
Tetrachloroethene	3670	50.0		µg/L	50	3/12/2010 7:47:00 PM
Toluene	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM
Trichloroethene	7.46	1.00		µg/L	1	3/11/2010 7:39:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM
Vinyl chloride	ND	1.00		µg/L	1	3/11/2010 7:39:00 PM
Surr: 1,2-Dichloroethane-d4	114	72.2-129		%REC	1	3/11/2010 7:39:00 PM
Surr: 4-Bromofluorobenzene	114	73.5-125		%REC	1	3/11/2010 7:39:00 PM
Surr: Dibromofluoromethane	115	58.8-148		%REC	1	3/11/2010 7:39:00 PM
Surr: Toluene-d8	110	79.8-137		%REC	1	3/11/2010 7:39:00 PM

CLIENT: Maul, Foster & Alongi
Work Order: 1003041
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: MB-25113	SampType: MBLK	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/9/2010	Run ID: 5973J_100311A						
Client ID: ZZZZZ	Batch ID: 25113	TestNo: SW8260B	Analysis Date: 3/11/2010	SeqNo: 662171							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	10.0									
1,1,1-Trichloroethane	ND	10.0									
1,1,2,2-Tetrachloroethane	ND	10.0									
1,1,2-Trichloroethane	ND	10.0									
1,1-Dichloroethane	ND	10.0									
1,1-Dichloroethene	ND	10.0									
1,1-Dichloropropene	ND	10.0									
1,2,3-Trichlorobenzene	2.66	10.0									J
1,2,3-Trichloropropane	ND	10.0									
1,2,4-Trichlorobenzene	2.14	10.0									J
1,2,4-Trimethylbenzene	ND	10.0									
1,2-Dibromo-3-chloropropane	ND	10.0									
1,2-Dibromoethane	ND	10.0									
1,2-Dichlorobenzene	0.7	10.0									J
1,2-Dichloroethane	ND	10.0									
1,2-Dichloropropane	ND	10.0									
1,3,5-Trimethylbenzene	ND	10.0									
1,3-Dichlorobenzene	0.7	10.0									J
1,3-Dichloropropane	ND	10.0									
1,4-Dichlorobenzene	1.61	10.0									J
2,2-Dichloropropane	ND	10.0									
2-Butanone	ND	40.0									
2-Chlorotoluene	ND	10.0									
2-Hexanone	ND	20.0									
4-Chlorotoluene	ND	10.0									
4-Isopropyltoluene	ND	10.0									
4-Methyl-2-pentanone	ND	40.0									
Acetone	13.53	100									J
Benzene	ND	10.0									
Bromobenzene	0.58	10.0									J

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003041
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: MB-25113	SampType: MBLK	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/9/2010	Run ID: 5973J_100311A						
Client ID: ZZZZZ	Batch ID: 25113	TestNo: SW8260B		Analysis Date: 3/11/2010	SeqNo: 662171						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromochloromethane	ND	10.0									
Bromodichloromethane	ND	10.0									
Bromoform	ND	10.0									
Bromomethane	ND	10.0									
Carbon Disulfide	ND	10.0									
Carbon tetrachloride	ND	10.0									
Chlorobenzene	ND	10.0									
Chloroethane	ND	10.0									
Chloroform	ND	10.0									
Chloromethane	ND	10.0									
cis-1,2-Dichloroethene	ND	10.0									
cis-1,3-Dichloropropene	ND	10.0									
Dibromochloromethane	ND	10.0									
Dibromomethane	ND	10.0									
Dichlorodifluoromethane	ND	10.0									
Ethylbenzene	ND	10.0									
Hexachlorobutadiene	ND	10.0									
Isopropylbenzene	ND	10.0									
m,p-Xylene	ND	20.0									
Methyl tert-butyl ether	ND	10.0									
Methylene Chloride	20.22	50.0									J
n-Butylbenzene	ND	10.0									
n-Propylbenzene	ND	10.0									
Naphthalene	5.47	10.0									J
o-Xylene	ND	10.0									
sec-Butylbenzene	ND	10.0									
Styrene	ND	10.0									
tert-Butylbenzene	ND	10.0									
Tetrachloroethene	ND	10.0									
Toluene	0.86	10.0									J
trans-1,2-Dichloroethene	ND	10.0									

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003041
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: MB-25113	SampType: MBLK	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/9/2010	Run ID: 5973J_100311A						
Client ID: ZZZZZ	Batch ID: 25113	TestNo: SW8260B		Analysis Date: 3/11/2010	SeqNo: 662171						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,3-Dichloropropene	ND	10.0									
Trichloroethene	ND	10.0									
Trichlorofluoromethane	ND	10.0									
Vinyl Chloride	ND	10.0									
Surr: 1,2-Dichloroethane-d4	96.85	0	100	0	96.8	71.5	112	0	0		
Surr: 4-Bromofluorobenzene	104.8	0	100	0	105	75.7	122	0	0		
Surr: Dibromofluoromethane	103.2	0	100	0	103	64.3	124	0	0		
Surr: Toluene-d8	127.3	0	100	0	127	74.9	120	0	0		S

Sample ID: LCS-25113	SampType: LCS	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/9/2010	Run ID: 5973J_100311A						
Client ID: ZZZZZ	Batch ID: 25113	TestNo: SW8260B		Analysis Date: 3/11/2010	SeqNo: 662169						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	58.32	10.0	60	0	97.2	65.4	133	0	0		
Benzene	66.92	10.0	60	0	112	78	123	0	0		
Chlorobenzene	59.38	10.0	60	0	99	79.5	125	0	0		
Toluene	61.93	10.0	60	0.86	102	77.5	132	0	0		
Trichloroethene	67.66	10.0	60	0	113	72.4	124	0	0		

Sample ID: LCSD-25113	SampType: LCSD	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/9/2010	Run ID: 5973J_100311A						
Client ID: ZZZZZ	Batch ID: 25113	TestNo: SW8260B		Analysis Date: 3/11/2010	SeqNo: 662170						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	61.32	10.0	60	0	102	65.4	133	0	0		
Benzene	71.33	10.0	60	0	119	78	123	0	0		
Chlorobenzene	63.26	10.0	60	0	105	79.5	125	0	0		
Toluene	66.25	10.0	60	0	110	77.5	132	0	0		
Trichloroethene	71.92	10.0	60	0	120	72.4	124	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003041
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: CCB-25113	SampType: CCB	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/9/2010	Run ID: 5973J_100311A						
Client ID: ZZZZZ	Batch ID: 25113	TestNo: SW8260B		Analysis Date: 3/12/2010	SeqNo: 662188						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	10.0	0	0	0	0	0	0	0	0	
1,1,1-Trichloroethane	ND	10.0	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	ND	10.0	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	ND	10.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	ND	10.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	ND	10.0	0	0	0	0	0	0	0	0	
1,1-Dichloropropene	ND	10.0	0	0	0	0	0	0	0	0	
1,2,3-Trichlorobenzene	1.55	10.0	0	0	0	0	0	0	0	0	
1,2,3-Trichloropropane	ND	10.0	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	1.32	10.0	0	0	0	0	0	0	0	0	
1,2,4-Trimethylbenzene	0.26	10.0	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	ND	10.0	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	ND	10.0	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	0.57	10.0	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	ND	10.0	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	ND	10.0	0	0	0	0	0	0	0	0	
1,3,5-Trimethylbenzene	ND	10.0	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	0.43	10.0	0	0	0	0	0	0	0	0	
1,3-Dichloropropane	ND	10.0	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	1.1	10.0	0	0	0	0	0	0	0	0	
2,2-Dichloropropane	ND	10.0	0	0	0	0	0	0	0	0	
2-Butanone	ND	40.0	0	0	0	0	0	0	0	0	
2-Chlorotoluene	ND	10.0	0	0	0	0	0	0	0	0	
2-Hexanone	ND	20.0	0	0	0	0	0	0	0	0	
4-Chlorotoluene	0.36	10.0	0	0	0	0	0	0	0	0	
4-Isopropyltoluene	ND	10.0	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	ND	40.0	0	0	0	0	0	0	0	0	
Acetone	15.19	100	0	0	0	0	0	0	0	0	
Benzene	ND	10.0	0	0	0	0	0	0	0	0	
Bromobenzene	ND	10.0	0	0	0	0	0	0	0	0	
Bromochloromethane	ND	10.0	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003041
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: CCB-25113	SampType: CCB	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/9/2010	Run ID: 5973J_100311A						
Client ID: ZZZZZ	Batch ID: 25113	TestNo: SW8260B		Analysis Date: 3/12/2010	SeqNo: 662188						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromodichloromethane	ND	10.0	0	0	0	0	0	0	0	0	
Bromoform	ND	10.0	0	0	0	0	0	0	0	0	
Bromomethane	ND	10.0	0	0	0	0	0	0	0	0	
Carbon Disulfide	ND	10.0	0	0	0	0	0	0	0	0	
Carbon tetrachloride	ND	10.0	0	0	0	0	0	0	0	0	
Chlorobenzene	0.31	10.0	0	0	0	0	0	0	0	0	
Chloroethane	ND	10.0	0	0	0	0	0	0	0	0	
Chloroform	ND	10.0	0	0	0	0	0	0	0	0	
Chloromethane	ND	10.0	0	0	0	0	0	0	0	0	
cis-1,2-Dichloroethene	ND	10.0	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	ND	10.0	0	0	0	0	0	0	0	0	
Dibromochloromethane	ND	10.0	0	0	0	0	0	0	0	0	
Dibromomethane	ND	10.0	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	ND	10.0	0	0	0	0	0	0	0	0	
Ethylbenzene	0.32	10.0	0	0	0	0	0	0	0	0	
Hexachlorobutadiene	ND	10.0	0	0	0	0	0	0	0	0	
Isopropylbenzene	ND	10.0	0	0	0	0	0	0	0	0	
m,p-Xylene	0.55	20.0	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	ND	10.0	0	0	0	0	0	0	0	0	
Methylene Chloride	19.56	50.0	0	0	0	0	0	0	0	0	
n-Butylbenzene	0.53	10.0	0	0	0	0	0	0	0	0	
n-Propylbenzene	0.31	10.0	0	0	0	0	0	0	0	0	
Naphthalene	3.6	10.0	0	0	0	0	0	0	0	0	
o-Xylene	0.18	10.0	0	0	0	0	0	0	0	0	
sec-Butylbenzene	0.15	10.0	0	0	0	0	0	0	0	0	
Styrene	ND	10.0	0	0	0	0	0	0	0	0	
tert-Butylbenzene	ND	10.0	0	0	0	0	0	0	0	0	
Tetrachloroethene	ND	10.0	0	0	0	0	0	0	0	0	
Toluene	0.42	10.0	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	ND	10.0	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	ND	10.0	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003041
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: CCB-25113		SampType: CCB		TestCode: 8260_5035		Units: ug/Kg		Prep Date: 3/9/2010		Run ID: 5973J_100311A		
Client ID: ZZZZZ		Batch ID: 25113		TestNo: SW8260B				Analysis Date: 3/12/2010		SeqNo: 662188		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Trichloroethene	ND	10.0	0	0	0	0	0	0	0	0		
Trichlorofluoromethane	ND	10.0	0	0	0	0	0	0	0	0		
Vinyl Chloride	ND	10.0	0	0	0	0	0	0	0	0		
Surr: 1,2-Dichloroethane-d4	115.5	0	100	0	115	71.5	112	0	0	0	S	
Surr: 4-Bromofluorobenzene	109.5	0	100	0	109	75.7	122	0	0	0		
Surr: Dibromofluoromethane	115.4	0	100	0	115	64.3	124	0	0	0		
Surr: Toluene-d8	121.8	0	100	0	122	74.9	120	0	0	0	S	

Sample ID: CCV-25113		SampType: CCV		TestCode: 8260_5035		Units: ug/Kg		Prep Date: 3/9/2010		Run ID: 5973J_100311A		
Client ID: ZZZZZ		Batch ID: 25113		TestNo: SW8260B				Analysis Date: 3/11/2010		SeqNo: 662168		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1-Dichloroethene	61.3	10.0	60	0	102	80	120	0	0	0		
1,2-Dichloropropane	65.26	10.0	60	0	109	80	120	0	0	0		
Chloroform	60.75	10.0	60	0	101	80	120	0	0	0		
Ethylbenzene	62.1	10.0	60	0	104	80	120	0	0	0		
Toluene	62	10.0	60	0	103	80	120	0	0	0		
Vinyl Chloride	63.45	10.0	60	0	106	80	120	0	0	0		

Sample ID: CCV-25113		SampType: CCV		TestCode: 8260_5035		Units: ug/Kg		Prep Date: 3/9/2010		Run ID: 5973J_100311A		
Client ID: ZZZZZ		Batch ID: 25113		TestNo: SW8260B				Analysis Date: 3/12/2010		SeqNo: 662187		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1-Dichloroethene	70.08	10.0	60	0	117	80	120	0	0	0		
1,2-Dichloropropane	67.57	10.0	60	0	113	80	120	0	0	0		
Chloroform	65.28	10.0	60	0	109	80	120	0	0	0		
Ethylbenzene	66.39	10.0	60	0	111	80	120	0	0	0		
Toluene	65.49	10.0	60	0	109	80	120	0	0	0		
Vinyl Chloride	66.7	10.0	60	0	111	80	120	0	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003041
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: MB-25134	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date: 3/11/2010	Run ID: 5973L_100311B						
Client ID: ZZZZZ	Batch ID: 25134	TestNo: SW8260B		Analysis Date: 3/11/2010	SeqNo: 662222						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	1.00									
1,1,1-Trichloroethane	ND	1.00									
1,1,2,2-Tetrachloroethane	ND	1.00									
1,1,2-Trichloroethane	ND	1.00									
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,1-Dichloropropene	ND	1.00									
1,2,3-Trichlorobenzene	0.32	1.00									J
1,2,3-Trichloropropane	ND	1.00									
1,2,4-Trichlorobenzene	0.19	1.00									J
1,2,4-Trimethylbenzene	ND	1.00									
1,2-Dibromo-3-chloropropane	ND	1.00									
1,2-Dibromoethane	ND	1.00									
1,2-Dichlorobenzene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
1,2-Dichloropropane	ND	1.00									
1,3,5-Trimethylbenzene	ND	1.00									
1,3-Dichlorobenzene	ND	1.00									
1,3-Dichloropropane	ND	1.00									
1,4-Dichlorobenzene	ND	1.00									
2,2-Dichloropropane	ND	1.00									
2-Butanone	ND	10.0									
2-Chlorotoluene	ND	1.00									
2-Hexanone	ND	10.0									
4-Chlorotoluene	ND	1.00									
4-Isopropyltoluene	ND	1.00									
4-Methyl-2-pentanone	ND	20.0									
Acetone	2.61	50.0									J
Acrylonitrile	ND	5.00									
Benzene	ND	0.300									
Bromobenzene	ND	1.00									

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003041
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: MB-25134	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date: 3/11/2010	Run ID: 5973L_100311B						
Client ID: ZZZZZ	Batch ID: 25134	TestNo: SW8260B		Analysis Date: 3/11/2010	SeqNo: 662222						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromochloromethane	ND	1.00									
Bromodichloromethane	ND	1.00									
Bromoform	ND	1.00									
Bromomethane	ND	1.00									
Carbon disulfide	ND	2.00									
Carbon tetrachloride	ND	1.00									
Chlorobenzene	ND	1.00									
Chloroethane	ND	1.00									
Chloroform	ND	1.00									
Chloromethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
cis-1,3-Dichloropropene	ND	1.00									
Dibromochloromethane	ND	1.00									
Dibromomethane	ND	1.00									
Dichlorodifluoromethane	ND	1.00									
Ethylbenzene	ND	1.00									
Hexachlorobutadiene	ND	1.00									
Isopropylbenzene	ND	1.00									
m,p-Xylene	ND	2.00									
Methyl tert-butyl ether	ND	1.00									
Methylene chloride	5.97	20.0									J
n-Butylbenzene	ND	1.00									
n-Propylbenzene	ND	1.00									
Naphthalene	ND	1.00									
o-Xylene	ND	1.00									
sec-Butylbenzene	ND	1.00									
Styrene	ND	1.00									
tert-Butylbenzene	ND	1.00									
Tetrachloroethene	0.46	1.00									J
Toluene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003041
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: MB-25134		SampType: MBLK		TestCode: 8260_W		Units: µg/L		Prep Date: 3/11/2010		Run ID: 5973L_100311B		
Client ID: ZZZZZ		Batch ID: 25134		TestNo: SW8260B				Analysis Date: 3/11/2010		SeqNo: 662222		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
trans-1,3-Dichloropropene	ND	1.00										
Trichloroethene	ND	1.00										
Trichlorofluoromethane	ND	1.00										
Vinyl chloride	ND	1.00										
Surr: 1,2-Dichloroethane-d4	94.62	0	100	0	94.6	72.2	129	0	0			
Surr: 4-Bromofluorobenzene	107.8	0	100	0	108	73.5	125	0	0			
Surr: Dibromofluoromethane	88.18	0	100	0	88.2	58.8	148	0	0			
Surr: Toluene-d8	107	0	100	0	107	79.8	137	0	0			

Sample ID: LCS-25134		SampType: LCS		TestCode: 8260_W		Units: µg/L		Prep Date: 3/11/2010		Run ID: 5973L_100311B		
Client ID: ZZZZZ		Batch ID: 25134		TestNo: SW8260B				Analysis Date: 3/11/2010		SeqNo: 662227		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1-Dichloroethene	35.03	1.00	40	0	87.6	69.9	130	0	0			
Benzene	45.43	0.300	40	0	114	77.9	125	0	0			
Chlorobenzene	39.72	1.00	40	0	99.3	82.5	114	0	0			
Toluene	46.81	1.00	40	0	117	74.6	119	0	0			
Trichloroethene	41.17	1.00	40	0	103	74.7	125	0	0			

Sample ID: 1003038-99AMS		SampType: MS		TestCode: 8260_W		Units: µg/L		Prep Date: 3/11/2010		Run ID: 5973L_100311B		
Client ID: ZZZZZ		Batch ID: 25134		TestNo: SW8260B				Analysis Date: 3/11/2010		SeqNo: 662229		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1-Dichloroethene	38.91	1.00	40	0	97.3	51.4	176	0	0			
Benzene	43.94	0.300	40	0	110	71.5	118	0	0			
Chlorobenzene	38.43	1.00	40	0	96.1	79.8	114	0	0			
Toluene	45.41	1.00	40	0	114	79.6	121	0	0			
Trichloroethene	40.5	1.00	40	0	101	73.6	120	0	0			

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003041
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: 1003038-99AMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date: 3/11/2010	Run ID: 5973L_100311B						
Client ID: ZZZZZ	Batch ID: 25134	TestNo: SW8260B		Analysis Date: 3/11/2010	SeqNo: 662230						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	37.95	1.00	40	0	94.9	51.4	176	38.91	2.50	20	
Benzene	42.92	0.300	40	0	107	71.5	118	43.94	2.35	20	
Chlorobenzene	38.65	1.00	40	0	96.6	79.8	114	38.43	0.571	20	
Toluene	45.81	1.00	40	0	115	79.6	121	45.41	0.877	20	
Trichloroethene	39.1	1.00	40	0	97.8	73.6	120	40.5	3.52	20	

Sample ID: CCB-25134	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date: 3/11/2010	Run ID: 5973L_100311B						
Client ID: ZZZZZ	Batch ID: 25134	TestNo: SW8260B		Analysis Date: 3/11/2010	SeqNo: 662231						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1,1-Trichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
1,1-Dichloropropene	ND	1.00	0	0	0	0	0	0	0	0	
1,2,3-Trichlorobenzene	0.53	1.00	0	0	0	0	0	0	0	0	
1,2,3-Trichloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	0.33	1.00	0	0	0	0	0	0	0	0	
1,2,4-Trimethylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,3,5-Trimethylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	0.11	1.00	0	0	0	0	0	0	0	0	
1,3-Dichloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
2,2-Dichloropropane	ND	1.00	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003041
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: CCB-25134	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date: 3/11/2010	Run ID: 5973L_100311B						
Client ID: ZZZZZ	Batch ID: 25134	TestNo: SW8260B		Analysis Date: 3/11/2010	SeqNo: 662231						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Butanone	ND	10.0	0	0	0	0	0	0	0	0	
2-Chlorotoluene	ND	1.00	0	0	0	0	0	0	0	0	
2-Hexanone	0.34	10.0	0	0	0	0	0	0	0	0	
4-Chlorotoluene	ND	1.00	0	0	0	0	0	0	0	0	
4-Isopropyltoluene	ND	1.00	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	ND	20.0	0	0	0	0	0	0	0	0	
Acetone	3.75	50.0	0	0	0	0	0	0	0	0	
Acrylonitrile	ND	5.00	0	0	0	0	0	0	0	0	
Benzene	ND	0.300	0	0	0	0	0	0	0	0	
Bromobenzene	ND	1.00	0	0	0	0	0	0	0	0	
Bromochloromethane	ND	1.00	0	0	0	0	0	0	0	0	
Bromodichloromethane	ND	1.00	0	0	0	0	0	0	0	0	
Bromoform	ND	1.00	0	0	0	0	0	0	0	0	
Bromomethane	0.17	1.00	0	0	0	0	0	0	0	0	
Carbon disulfide	ND	2.00	0	0	0	0	0	0	0	0	
Carbon tetrachloride	ND	1.00	0	0	0	0	0	0	0	0	
Chlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
Chloroethane	ND	1.00	0	0	0	0	0	0	0	0	
Chloroform	ND	1.00	0	0	0	0	0	0	0	0	
Chloromethane	0.21	1.00	0	0	0	0	0	0	0	0	
cis-1,2-Dichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	ND	1.00	0	0	0	0	0	0	0	0	
Dibromochloromethane	ND	1.00	0	0	0	0	0	0	0	0	
Dibromomethane	ND	1.00	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	ND	1.00	0	0	0	0	0	0	0	0	
Ethylbenzene	0.13	1.00	0	0	0	0	0	0	0	0	
Hexachlorobutadiene	0.35	1.00	0	0	0	0	0	0	0	0	
Isopropylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
m,p-Xylene	ND	2.00	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	ND	1.00	0	0	0	0	0	0	0	0	
Methylene chloride	7.59	20.0	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
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 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003041
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: CCB-25134	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date: 3/11/2010	Run ID: 5973L_100311B						
Client ID: ZZZZZ	Batch ID: 25134	TestNo: SW8260B		Analysis Date: 3/11/2010	SeqNo: 662231						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
n-Butylbenzene	0.2	1.00	0	0	0	0	0	0	0	0	
n-Propylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
Naphthalene	ND	1.00	0	0	0	0	0	0	0	0	
o-Xylene	ND	1.00	0	0	0	0	0	0	0	0	
sec-Butylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
Styrene	ND	1.00	0	0	0	0	0	0	0	0	
tert-Butylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
Tetrachloroethene	0.33	1.00	0	0	0	0	0	0	0	0	
Toluene	ND	1.00	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	ND	1.00	0	0	0	0	0	0	0	0	
Trichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	ND	1.00	0	0	0	0	0	0	0	0	
Vinyl chloride	ND	1.00	0	0	0	0	0	0	0	0	
Surr: 1,2-Dichloroethane-d4	102	0	100	0	102	72.2	129	0	0	0	
Surr: 4-Bromofluorobenzene	110.9	0	100	0	111	73.5	125	0	0	0	
Surr: Dibromofluoromethane	102.3	0	100	0	102	58.8	148	0	0	0	
Surr: Toluene-d8	115.9	0	100	0	116	79.8	137	0	0	0	

Sample ID: CCB-25134	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date: 3/11/2010	Run ID: 5973L_100311B						
Client ID: ZZZZZ	Batch ID: 25134	TestNo: SW8260B		Analysis Date: 3/12/2010	SeqNo: 662239						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1,1-Trichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
1,1-Dichloropropene	ND	1.00	0	0	0	0	0	0	0	0	
1,2,3-Trichlorobenzene	0.93	1.00	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003041
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: CCB-25134	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date: 3/11/2010	Run ID: 5973L_100311B						
Client ID: ZZZZZ	Batch ID: 25134	TestNo: SW8260B		Analysis Date: 3/12/2010	SeqNo: 662239						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,3-Trichloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	0.42	1.00	0	0	0	0	0	0	0	0	
1,2,4-Trimethylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	0.1	1.00	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,3,5-Trimethylbenzene	0.69	1.00	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,3-Dichloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
2,2-Dichloropropane	ND	1.00	0	0	0	0	0	0	0	0	
2-Butanone	ND	10.0	0	0	0	0	0	0	0	0	
2-Chlorotoluene	ND	1.00	0	0	0	0	0	0	0	0	
2-Hexanone	0.55	10.0	0	0	0	0	0	0	0	0	
4-Chlorotoluene	ND	1.00	0	0	0	0	0	0	0	0	
4-Isopropyltoluene	ND	1.00	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	ND	20.0	0	0	0	0	0	0	0	0	
Acetone	3.72	50.0	0	0	0	0	0	0	0	0	
Acrylonitrile	ND	5.00	0	0	0	0	0	0	0	0	
Benzene	0.43	0.300	0	0	0	0	0	0	0	0	
Bromobenzene	ND	1.00	0	0	0	0	0	0	0	0	
Bromochloromethane	ND	1.00	0	0	0	0	0	0	0	0	
Bromodichloromethane	ND	1.00	0	0	0	0	0	0	0	0	
Bromoform	ND	1.00	0	0	0	0	0	0	0	0	
Bromomethane	0.15	1.00	0	0	0	0	0	0	0	0	
Carbon disulfide	ND	2.00	0	0	0	0	0	0	0	0	
Carbon tetrachloride	ND	1.00	0	0	0	0	0	0	0	0	
Chlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
Chloroethane	ND	1.00	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003041
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: CCB-25134	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date: 3/11/2010	Run ID: 5973L_100311B						
Client ID: ZZZZZ	Batch ID: 25134	TestNo: SW8260B		Analysis Date: 3/12/2010	SeqNo: 662239						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroform	ND	1.00	0	0	0	0	0	0	0	0	
Chloromethane	0.22	1.00	0	0	0	0	0	0	0	0	
cis-1,2-Dichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	ND	1.00	0	0	0	0	0	0	0	0	
Dibromochloromethane	ND	1.00	0	0	0	0	0	0	0	0	
Dibromomethane	ND	1.00	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	ND	1.00	0	0	0	0	0	0	0	0	
Ethylbenzene	0.35	1.00	0	0	0	0	0	0	0	0	
Hexachlorobutadiene	0.42	1.00	0	0	0	0	0	0	0	0	
Isopropylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
m,p-Xylene	1.52	2.00	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	ND	1.00	0	0	0	0	0	0	0	0	
Methylene chloride	6.42	20.0	0	0	0	0	0	0	0	0	
n-Butylbenzene	0.18	1.00	0	0	0	0	0	0	0	0	
n-Propylbenzene	0.11	1.00	0	0	0	0	0	0	0	0	
Naphthalene	ND	1.00	0	0	0	0	0	0	0	0	
o-Xylene	ND	1.00	0	0	0	0	0	0	0	0	
sec-Butylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
Styrene	0.35	1.00	0	0	0	0	0	0	0	0	
tert-Butylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
Tetrachloroethene	0.22	1.00	0	0	0	0	0	0	0	0	
Toluene	ND	1.00	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	ND	1.00	0	0	0	0	0	0	0	0	
Trichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	ND	1.00	0	0	0	0	0	0	0	0	
Vinyl chloride	ND	1.00	0	0	0	0	0	0	0	0	
Surr: 1,2-Dichloroethane-d4	95.24	0	100	0	95.2	72.2	129	0	0	0	
Surr: 4-Bromofluorobenzene	112.8	0	100	0	113	73.5	125	0	0	0	
Surr: Dibromofluoromethane	88.71	0	100	0	88.7	58.8	148	0	0	0	
Surr: Toluene-d8	109	0	100	0	109	79.8	137	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003041
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: CCV-25134	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date: 3/11/2010	Run ID: 5973L_100311B						
Client ID: ZZZZZ	Batch ID: 25134	TestNo: SW8260B		Analysis Date: 3/11/2010	SeqNo: 662221						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	32.49	1.00	40	0	81.2	80	120	0	0		
1,2-Dichloropropane	44.48	1.00	40	0	111	80	120	0	0		
Chloroform	34.52	1.00	40	0	86.3	80	120	0	0		
Ethylbenzene	42	1.00	40	0	105	80	120	0	0		
Toluene	43.22	1.00	40	0	108	80	120	0	0		
Vinyl chloride	37.87	1.00	40	0	94.7	80	120	0	0		

Sample ID: CCV-25134	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date: 3/11/2010	Run ID: 5973L_100311B						
Client ID: ZZZZZ	Batch ID: 25134	TestNo: SW8260B		Analysis Date: 3/11/2010	SeqNo: 662228						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	34.5	1.00	40	0	86.2	80	120	0	0		
1,2-Dichloropropane	45.18	1.00	40	0	113	80	120	0	0		
Chloroform	34.87	1.00	40	0	87.2	80	120	0	0		
Ethylbenzene	42.2	1.00	40	0	106	80	120	0	0		
Toluene	43.53	1.00	40	0	109	80	120	0	0		
Vinyl chloride	37.89	1.00	40	0	94.7	80	120	0	0		

Sample ID: CCV-25134	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date: 3/11/2010	Run ID: 5973L_100311B						
Client ID: ZZZZZ	Batch ID: 25134	TestNo: SW8260B		Analysis Date: 3/12/2010	SeqNo: 662238						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	41.2	1.00	40	0	103	80	120	0	0		
1,2-Dichloropropane	47.68	1.00	40	0	119	80	120	0	0		
Chloroform	36.64	1.00	40	0	91.6	80	120	0	0		
Ethylbenzene	44.51	1.00	40	0	111	80	120	0	0		
Toluene	47.72	1.00	40	0	119	80	120	0	0		
Vinyl chloride	38.31	1.00	40	0	95.8	80	120	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

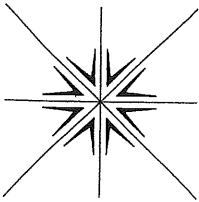
B - Analyte detected in the associated Method Blank

KEY TO FLAGS

Rev. May 12, 2010

- A This sample contains a Gasoline Range Organic not identified as a specific hydrocarbon product. The result was quantified against gasoline calibration standards
- A1 This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was quantified against diesel calibration standards.
- A2 This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was quantified against a lube oil calibration standard.
- A3 The result was determined to be Non-Detect based on hydrocarbon pattern recognition. The product was carry-over from another hydrocarbon type.
- A4 The product appears to be aged or degraded diesel.
- B The blank exhibited a positive result great than the reporting limit for this compound.
- CN See Case Narrative.
- D Result is based from a dilution.
- E Result exceeds the calibration range for this compound. The result should be considered as estimate.
- F The positive result for this hydrocarbon is due to single component contamination. The product does not match any hydrocarbon in the fuels library.
- G Result may be biased high due to biogenic interferences. Clean up is recommended.
- H Sample was analyzed outside recommended holding time.
- HT At clients request, samples was analyzed outside of recommended holding time.
- J The result for this analyte is between the MDL and the PQL and should be considered as estimated concentration.
- K Diesel result is biased high due to amount of Oil contained in the sample.
- L Diesel result is biased high due to amount of Gasoline contained in the sample.
- M Oil result is biased high due to amount of Diesel contained in the sample.
- MC Sample concentration is greater than 4x the spiked value, the spiked value is considered insignificant.
- MI Result is outside control limits due to matrix interference.
- MSA Value determined by Method of Standard Addition.
- O Laboratory Control Standard (LCS) exceeded laboratory control limits, but meets CCV criteria. Data meets EPA requirements.
- Q Detection levels elevated due to sample matrix.
- R RPD control limits were exceeded.
- RF Duplicate failed due to result being at or near the method-reporting limit.
- RP Matrix spike values exceed established QC limits; post digestion spike is in control.
- S Recovery is outside control limits.
- SC Closing CCV or LCS exceeded high recovery control limits, but associated samples are non-detect. Data meets EPA requirements.
- * The result for this parameter was greater than the maximum contaminant level of the TCLP regulatory limit.

CHAIN OF CUSTODY RECORD



Specialty Analytical
 11711 SE Capps Road
 Clackamas, OR 97015
 Phone: 503-607-1331
 Fax: 503-607-1336

Contact Person/Project Manager Alan Hughes
 Company MFA
 Address _____

Phone _____ Fax _____
 Project No. 8006.31.01 Project Name URIC
 Project Site Location OR WA Other _____
 Invoice To MFA P.O. No. _____

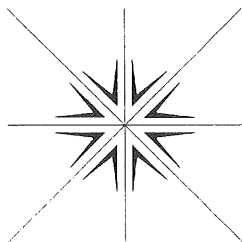
Collected By: _____
 Signature _____
 Printed _____

Signature _____
 Printed _____

Turn Around Time
 Normal 5-7 Business Days
 Rush _____ Specify _____

Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix	No. of Containers	Analyses										For Laboratory Use						
															Lab Job No.	Shipped Via					
3/1/10	1542	GP40-S-05	S	4	X												1005041	Specialty			
	1547	-2.5	↓	4	X																
	1551	-5.0	↓	4	X																
	1557	-12.0	↓	4	X																
	1633	GP40-W-12.0	W	3																	
3/2/10	1310	GP43-S-0.5	S	4	X																
	1315	-2.5	↓	4	X																
	1345	-5.0	↓	4	X																
	1348	-12.5	↓	4	X																
	1400	GP43-W-12.5	W	3	X																
Relinquished By: _____				Received By: _____				Relinquished By: _____				Date _____				Time _____					
Company: _____				Company: _____				Company: _____				Date _____				Time _____					
Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.												Received For Lab By: _____						Date _____		Time _____	
Samples held beyond 60 days subject to storage fee(s)												Alan Hughes						3/4/10		1445	



Specialty Analytical

11711 SE Capps Road
Clackamas, OR 97015
(503) 607-1331
Fax (503) 607-1336

November 23, 2010

Alan Hughes
Maul, Foster & Alongi
7223 NE Hazel Dell Avenue
Suite B
Vancouver, WA 98665
TEL: (360) 694-2691
FAX: (360) 906-1958

RE: URIC / 8006.31.01
Dear Alan Hughes:

Order No.: 1003049

Specialty Analytical received 90 samples on 3/8/2010 for the analyses presented in the following report.

REVISED REPORT VERSION 1 . Please see case narrative for information on revision.

There were no problems with the analysis and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative, or as qualified with flags. Results apply only to the samples analyzed. Without approval of the laboratory, the reproduction of this report is only permitted in its entirety.


Cindy Hilliard
Project Manager


Technical Review

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Project: URIC / 8006.31.01
Lab Order: 1003049

CASE NARRATIVE

Report Revision 1.

At the request of the client, the full list of compounds for EPA 8260B are reported.

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-01

Client Sample ID: B8-W-14.5
Collection Date: 3/8/2010 9:50:00 AM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM
2-Butanone	ND	10.0		µg/L	1	3/11/2010 8:14:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM
2-Hexanone	ND	10.0		µg/L	1	3/11/2010 8:14:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	3/11/2010 8:14:00 PM
Acetone	ND	50.0		µg/L	1	3/11/2010 8:14:00 PM
Acrylonitrile	ND	5.00		µg/L	1	3/11/2010 8:14:00 PM
Benzene	ND	0.300		µg/L	1	3/11/2010 8:14:00 PM
Bromobenzene	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM
Bromochloromethane	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM
Bromoform	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM
Bromomethane	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM
Carbon disulfide	ND	2.00		µg/L	1	3/11/2010 8:14:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM
Chlorobenzene	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM
Chloroethane	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM
Chloroform	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM
Chloromethane	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-01

Client Sample ID: B8-W-14.5
Collection Date: 3/8/2010 9:50:00 AM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM
Dibromomethane	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM
Ethylbenzene	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM
m,p-Xylene	ND	2.00		µg/L	1	3/11/2010 8:14:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM
Methylene chloride	ND	20.0		µg/L	1	3/11/2010 8:14:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM
Naphthalene	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM
o-Xylene	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM
Styrene	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM
Tetrachloroethene	2600	20.0		µg/L	20	3/12/2010 2:36:00 PM
Toluene	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM
Trichloroethene	2.54	1.00		µg/L	1	3/11/2010 8:14:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM
Vinyl chloride	ND	1.00		µg/L	1	3/11/2010 8:14:00 PM
Surr: 1,2-Dichloroethane-d4	109	72.2-129		%REC	1	3/11/2010 8:14:00 PM
Surr: 4-Bromofluorobenzene	111	73.5-125		%REC	1	3/11/2010 8:14:00 PM
Surr: Dibromofluoromethane	110	58.8-148		%REC	1	3/11/2010 8:14:00 PM
Surr: Toluene-d8	111	79.8-137		%REC	1	3/11/2010 8:14:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: GP29-S-3.0

Lab Order: 1003049

Collection Date: 3/8/2010 10:47:00 AM

Project: URIC / 8006.31.01

Lab ID: 1003049-02

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/24/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-03

Client Sample ID: GP36-S-3.0
Collection Date: 3/8/2010 10:28:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/24/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: GP58-S-3.0

Lab Order: 1003049

Collection Date: 3/8/2010 10:04:00 AM

Project: URIC / 8006.31.01

Lab ID: 1003049-04

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/24/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-05

Client Sample ID: GP58-S-5.0
Collection Date: 3/8/2010 10:10:00 AM
Matrix: SOIL

Analyses	Result	Limit Qual Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST		PER CLIENT		Analyst: knt
Hold	Hold		1	3/24/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-06

Client Sample ID: GP59-S-15.0
Collection Date: 3/8/2010 11:00:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
1,1,1-Trichloroethane	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
1,1,2,2-Tetrachloroethane	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
1,1,2-Trichloroethane	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
1,1-Dichloroethane	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
1,1-Dichloroethene	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
1,1-Dichloropropene	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
1,2,3-Trichlorobenzene	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
1,2,3-Trichloropropane	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
1,2,4-Trichlorobenzene	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
1,2,4-Trimethylbenzene	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
1,2-Dibromo-3-chloropropane	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
1,2-Dibromoethane	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
1,2-Dichlorobenzene	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
1,2-Dichloroethane	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
1,2-Dichloropropane	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
1,3,5-Trimethylbenzene	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
1,3-Dichlorobenzene	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
1,3-Dichloropropane	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
1,4-Dichlorobenzene	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
2,2-Dichloropropane	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
2-Butanone	ND	42.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
2-Chlorotoluene	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
2-Hexanone	ND	21.4		ug/Kg-dry	1	3/12/2010 2:51:00 AM
4-Chlorotoluene	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
4-Isopropyltoluene	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
4-Methyl-2-pentanone	ND	42.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
Acetone	ND	107		ug/Kg-dry	1	3/12/2010 2:51:00 AM
Benzene	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
Bromobenzene	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
Bromochloromethane	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
Bromodichloromethane	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
Bromoform	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
Bromomethane	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
Carbon Disulfide	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
Carbon tetrachloride	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
Chlorobenzene	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
Chloroethane	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
Chloroform	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
Chloromethane	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
cis-1,2-Dichloroethene	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-06

Client Sample ID: GP59-S-15.0
Collection Date: 3/8/2010 11:00:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
Dibromochloromethane	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
Dibromomethane	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
Dichlorodifluoromethane	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
Ethylbenzene	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
Hexachlorobutadiene	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
Isopropylbenzene	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
m,p-Xylene	ND	21.4		ug/Kg-dry	1	3/12/2010 2:51:00 AM
Methyl tert-butyl ether	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
Methylene Chloride	ND	53.4		ug/Kg-dry	1	3/12/2010 2:51:00 AM
n-Butylbenzene	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
n-Propylbenzene	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
Naphthalene	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
o-Xylene	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
sec-Butylbenzene	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
Styrene	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
tert-Butylbenzene	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
Tetrachloroethene	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
Toluene	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
trans-1,2-Dichloroethene	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
trans-1,3-Dichloropropene	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
Trichloroethene	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
Trichlorofluoromethane	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
Vinyl Chloride	ND	10.7		ug/Kg-dry	1	3/12/2010 2:51:00 AM
Surr: 1,2-Dichloroethane-d4	111	71.5-112		%REC	1	3/12/2010 2:51:00 AM
Surr: 4-Bromofluorobenzene	116	75.7-122		%REC	1	3/12/2010 2:51:00 AM
Surr: Dibromofluoromethane	110	64.3-124		%REC	1	3/12/2010 2:51:00 AM
Surr: Toluene-d8	118	74.9-120		%REC	1	3/12/2010 2:51:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-07

Client Sample ID: GP60-S-14.5
Collection Date: 3/8/2010 10:30:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
1,1,1-Trichloroethane	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
1,1,2,2-Tetrachloroethane	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
1,1,2-Trichloroethane	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
1,1-Dichloroethane	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
1,1-Dichloroethene	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
1,1-Dichloropropene	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
1,2,3-Trichlorobenzene	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
1,2,3-Trichloropropane	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
1,2,4-Trichlorobenzene	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
1,2,4-Trimethylbenzene	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
1,2-Dibromo-3-chloropropane	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
1,2-Dibromoethane	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
1,2-Dichlorobenzene	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
1,2-Dichloroethane	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
1,2-Dichloropropane	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
1,3,5-Trimethylbenzene	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
1,3-Dichlorobenzene	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
1,3-Dichloropropane	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
1,4-Dichlorobenzene	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
2,2-Dichloropropane	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
2-Butanone	ND	208	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
2-Chlorotoluene	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
2-Hexanone	ND	104	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
4-Chlorotoluene	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
4-Isopropyltoluene	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
4-Methyl-2-pentanone	ND	208	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
Acetone	ND	521	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
Benzene	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
Bromobenzene	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
Bromochloromethane	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
Bromodichloromethane	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
Bromoform	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
Bromomethane	60.0	52.1		ug/Kg-dry	5	3/12/2010 3:00:00 PM
Carbon Disulfide	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
Carbon tetrachloride	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
Chlorobenzene	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
Chloroethane	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
Chloroform	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
Chloromethane	87.2	52.1		ug/Kg-dry	5	3/12/2010 3:00:00 PM
cis-1,2-Dichloroethene	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-07

Client Sample ID: GP60-S-14.5
Collection Date: 3/8/2010 10:30:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
Dibromochloromethane	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
Dibromomethane	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
Dichlorodifluoromethane	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
Ethylbenzene	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
Hexachlorobutadiene	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
Isopropylbenzene	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
m,p-Xylene	ND	104	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
Methyl tert-butyl ether	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
Methylene Chloride	ND	260	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
n-Butylbenzene	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
n-Propylbenzene	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
Naphthalene	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
o-Xylene	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
sec-Butylbenzene	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
Styrene	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
tert-Butylbenzene	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
Tetrachloroethene	53.8	52.1		ug/Kg-dry	5	3/12/2010 3:00:00 PM
Toluene	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
trans-1,2-Dichloroethene	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
trans-1,3-Dichloropropene	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
Trichloroethene	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
Trichlorofluoromethane	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
Vinyl Chloride	ND	52.1	Q	ug/Kg-dry	5	3/12/2010 3:00:00 PM
Surr: 1,2-Dichloroethane-d4	85.3	71.5-112		%REC	5	3/12/2010 3:00:00 PM
Surr: 4-Bromofluorobenzene	102	75.7-122		%REC	5	3/12/2010 3:00:00 PM
Surr: Dibromofluoromethane	84.2	64.3-124		%REC	5	3/12/2010 3:00:00 PM
Surr: Toluene-d8	124	74.9-120	S	%REC	5	3/12/2010 3:00:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-08

Client Sample ID: GP60-W-14.5
Collection Date: 3/8/2010 10:40:00 AM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM
2-Butanone	ND	10.0		µg/L	1	3/12/2010 12:52:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM
2-Hexanone	ND	10.0		µg/L	1	3/12/2010 12:52:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	3/12/2010 12:52:00 PM
Acetone	ND	50.0		µg/L	1	3/12/2010 12:52:00 PM
Acrylonitrile	ND	5.00		µg/L	1	3/12/2010 12:52:00 PM
Benzene	0.450	0.300		µg/L	1	3/12/2010 12:52:00 PM
Bromobenzene	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM
Bromochloromethane	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM
Bromoform	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM
Bromomethane	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM
Carbon disulfide	ND	2.00		µg/L	1	3/12/2010 12:52:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM
Chlorobenzene	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM
Chloroethane	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM
Chloroform	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM
Chloromethane	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-08

Client Sample ID: GP60-W-14.5
Collection Date: 3/8/2010 10:40:00 AM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM
Dibromomethane	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM
Ethylbenzene	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM
m,p-Xylene	ND	2.00		µg/L	1	3/12/2010 12:52:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM
Methylene chloride	ND	20.0		µg/L	1	3/12/2010 12:52:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM
Naphthalene	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM
o-Xylene	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM
Styrene	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM
Tetrachloroethene	27.8	1.00		µg/L	1	3/12/2010 12:52:00 PM
Toluene	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM
Trichloroethene	4.87	1.00		µg/L	1	3/12/2010 12:52:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM
Vinyl chloride	ND	1.00		µg/L	1	3/12/2010 12:52:00 PM
Surr: 1,2-Dichloroethane-d4	101	72.2-129		%REC	1	3/12/2010 12:52:00 PM
Surr: 4-Bromofluorobenzene	111	73.5-125		%REC	1	3/12/2010 12:52:00 PM
Surr: Dibromofluoromethane	95.7	58.8-148		%REC	1	3/12/2010 12:52:00 PM
Surr: Toluene-d8	110	79.8-137		%REC	1	3/12/2010 12:52:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-09

Client Sample ID: GP59-W-15.0
Collection Date: 3/8/2010 11:20:00 AM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM
2-Butanone	ND	10.0		µg/L	1	3/11/2010 9:22:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM
2-Hexanone	ND	10.0		µg/L	1	3/11/2010 9:22:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	3/11/2010 9:22:00 PM
Acetone	ND	50.0		µg/L	1	3/11/2010 9:22:00 PM
Acrylonitrile	ND	5.00		µg/L	1	3/11/2010 9:22:00 PM
Benzene	ND	0.300		µg/L	1	3/11/2010 9:22:00 PM
Bromobenzene	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM
Bromochloromethane	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM
Bromoform	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM
Bromomethane	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM
Carbon disulfide	ND	2.00		µg/L	1	3/11/2010 9:22:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM
Chlorobenzene	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM
Chloroethane	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM
Chloroform	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM
Chloromethane	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-09

Client Sample ID: GP59-W-15.0
Collection Date: 3/8/2010 11:20:00 AM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM
Dibromomethane	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM
Ethylbenzene	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM
m,p-Xylene	ND	2.00		µg/L	1	3/11/2010 9:22:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM
Methylene chloride	ND	20.0		µg/L	1	3/11/2010 9:22:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM
Naphthalene	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM
o-Xylene	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM
Styrene	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM
Tetrachloroethene	5.39	1.00		µg/L	1	3/11/2010 9:22:00 PM
Toluene	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM
Trichloroethene	1.96	1.00		µg/L	1	3/11/2010 9:22:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM
Vinyl chloride	ND	1.00		µg/L	1	3/11/2010 9:22:00 PM
Surr: 1,2-Dichloroethane-d4	102	72.2-129		%REC	1	3/11/2010 9:22:00 PM
Surr: 4-Bromofluorobenzene	114	73.5-125		%REC	1	3/11/2010 9:22:00 PM
Surr: Dibromofluoromethane	98.8	58.8-148		%REC	1	3/11/2010 9:22:00 PM
Surr: Toluene-d8	115	79.8-137		%REC	1	3/11/2010 9:22:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-10

Client Sample ID: GP24-S-3.0
Collection Date: 3/8/2010 11:08:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/24/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-11

Client Sample ID: GP58-S-15.0
Collection Date: 3/8/2010 11:40:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
1,1,1-Trichloroethane	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
1,1,2,2-Tetrachloroethane	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
1,1,2-Trichloroethane	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
1,1-Dichloroethane	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
1,1-Dichloroethene	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
1,1-Dichloropropene	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
1,2,3-Trichlorobenzene	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
1,2,3-Trichloropropane	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
1,2,4-Trichlorobenzene	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
1,2,4-Trimethylbenzene	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
1,2-Dibromo-3-chloropropane	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
1,2-Dibromoethane	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
1,2-Dichlorobenzene	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
1,2-Dichloroethane	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
1,2-Dichloropropane	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
1,3,5-Trimethylbenzene	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
1,3-Dichlorobenzene	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
1,3-Dichloropropane	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
1,4-Dichlorobenzene	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
2,2-Dichloropropane	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
2-Butanone	ND	42.2		ug/Kg-dry	1	3/12/2010 6:19:00 AM
2-Chlorotoluene	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
2-Hexanone	ND	21.1		ug/Kg-dry	1	3/12/2010 6:19:00 AM
4-Chlorotoluene	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
4-Isopropyltoluene	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
4-Methyl-2-pentanone	ND	42.2		ug/Kg-dry	1	3/12/2010 6:19:00 AM
Acetone	ND	105		ug/Kg-dry	1	3/12/2010 6:19:00 AM
Benzene	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
Bromobenzene	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
Bromochloromethane	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
Bromodichloromethane	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
Bromoform	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
Bromomethane	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
Carbon Disulfide	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
Carbon tetrachloride	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
Chlorobenzene	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
Chloroethane	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
Chloroform	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
Chloromethane	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
cis-1,2-Dichloroethene	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-11

Client Sample ID: GP58-S-15.0
Collection Date: 3/8/2010 11:40:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
Dibromochloromethane	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
Dibromomethane	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
Dichlorodifluoromethane	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
Ethylbenzene	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
Hexachlorobutadiene	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
Isopropylbenzene	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
m,p-Xylene	ND	21.1		ug/Kg-dry	1	3/12/2010 6:19:00 AM
Methyl tert-butyl ether	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
Methylene Chloride	ND	52.7		ug/Kg-dry	1	3/12/2010 6:19:00 AM
n-Butylbenzene	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
n-Propylbenzene	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
Naphthalene	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
o-Xylene	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
sec-Butylbenzene	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
Styrene	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
tert-Butylbenzene	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
Tetrachloroethene	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
Toluene	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
trans-1,2-Dichloroethene	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
trans-1,3-Dichloropropene	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
Trichloroethene	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
Trichlorofluoromethane	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
Vinyl Chloride	ND	10.5		ug/Kg-dry	1	3/12/2010 6:19:00 AM
Surr: 1,2-Dichloroethane-d4	111	71.5-112		%REC	1	3/12/2010 6:19:00 AM
Surr: 4-Bromofluorobenzene	115	75.7-122		%REC	1	3/12/2010 6:19:00 AM
Surr: Dibromofluoromethane	116	64.3-124		%REC	1	3/12/2010 6:19:00 AM
Surr: Toluene-d8	128	74.9-120	S	%REC	1	3/12/2010 6:19:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-12

Client Sample ID: GP58-W-15.0
Collection Date: 3/8/2010 12:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM
2-Butanone	ND	10.0		µg/L	1	3/11/2010 9:57:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM
2-Hexanone	ND	10.0		µg/L	1	3/11/2010 9:57:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	3/11/2010 9:57:00 PM
Acetone	ND	50.0		µg/L	1	3/11/2010 9:57:00 PM
Acrylonitrile	ND	5.00		µg/L	1	3/11/2010 9:57:00 PM
Benzene	ND	0.300		µg/L	1	3/11/2010 9:57:00 PM
Bromobenzene	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM
Bromochloromethane	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM
Bromoform	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM
Bromomethane	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM
Carbon disulfide	ND	2.00		µg/L	1	3/11/2010 9:57:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM
Chlorobenzene	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM
Chloroethane	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM
Chloroform	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM
Chloromethane	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-12

Client Sample ID: GP58-W-15.0
Collection Date: 3/8/2010 12:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS						Analyst: kmn
		SW8260B				
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM
Dibromomethane	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM
Ethylbenzene	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM
m,p-Xylene	ND	2.00		µg/L	1	3/11/2010 9:57:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM
Methylene chloride	ND	20.0		µg/L	1	3/11/2010 9:57:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM
Naphthalene	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM
o-Xylene	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM
Styrene	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM
Tetrachloroethene	3.46	1.00		µg/L	1	3/11/2010 9:57:00 PM
Toluene	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM
Trichloroethene	1.64	1.00		µg/L	1	3/11/2010 9:57:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM
Vinyl chloride	ND	1.00		µg/L	1	3/11/2010 9:57:00 PM
Surr: 1,2-Dichloroethane-d4	101	72.2-129		%REC	1	3/11/2010 9:57:00 PM
Surr: 4-Bromofluorobenzene	113	73.5-125		%REC	1	3/11/2010 9:57:00 PM
Surr: Dibromofluoromethane	103	58.8-148		%REC	1	3/11/2010 9:57:00 PM
Surr: Toluene-d8	117	79.8-137		%REC	1	3/11/2010 9:57:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: GP35-S-0.5

Lab Order: 1003049

Collection Date: 3/4/2010 10:40:00 AM

Project: URIC / 8006.31.01

Lab ID: 1003049-13

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST						Analyst: knt
Hold	Hold				1	3/24/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-14

Client Sample ID: GP35-S-2.5
Collection Date: 3/4/2010 10:50:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/24/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-15

Client Sample ID: GP35-S-5.0
Collection Date: 3/4/2010 11:00:00 AM
Matrix: SOIL

Analyses	Result	Limit Qual Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST		PER CLIENT		Analyst: knt
Hold	Hold		1	3/24/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-16

Client Sample ID: GP35-S-14.0
Collection Date: 3/4/2010 11:10:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
1,1,1-Trichloroethane	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
1,1,2,2-Tetrachloroethane	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
1,1,2-Trichloroethane	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
1,1-Dichloroethane	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
1,1-Dichloroethene	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
1,1-Dichloropropene	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
1,2,3-Trichlorobenzene	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
1,2,3-Trichloropropane	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
1,2,4-Trichlorobenzene	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
1,2,4-Trimethylbenzene	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
1,2-Dibromo-3-chloropropane	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
1,2-Dibromoethane	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
1,2-Dichlorobenzene	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
1,2-Dichloroethane	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
1,2-Dichloropropane	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
1,3,5-Trimethylbenzene	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
1,3-Dichlorobenzene	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
1,3-Dichloropropane	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
1,4-Dichlorobenzene	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
2,2-Dichloropropane	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
2-Butanone	ND	31.9		ug/Kg-dry	1	3/12/2010 6:53:00 AM
2-Chlorotoluene	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
2-Hexanone	ND	16.0		ug/Kg-dry	1	3/12/2010 6:53:00 AM
4-Chlorotoluene	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
4-Isopropyltoluene	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
4-Methyl-2-pentanone	ND	31.9		ug/Kg-dry	1	3/12/2010 6:53:00 AM
Acetone	ND	79.8		ug/Kg-dry	1	3/12/2010 6:53:00 AM
Benzene	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
Bromobenzene	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
Bromochloromethane	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
Bromodichloromethane	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
Bromoform	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
Bromomethane	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
Carbon Disulfide	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
Carbon tetrachloride	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
Chlorobenzene	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
Chloroethane	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
Chloroform	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
Chloromethane	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
cis-1,2-Dichloroethene	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-16

Client Sample ID: GP35-S-14.0
Collection Date: 3/4/2010 11:10:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
Dibromochloromethane	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
Dibromomethane	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
Dichlorodifluoromethane	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
Ethylbenzene	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
Hexachlorobutadiene	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
Isopropylbenzene	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
m,p-Xylene	ND	16.0		ug/Kg-dry	1	3/12/2010 6:53:00 AM
Methyl tert-butyl ether	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
Methylene Chloride	ND	39.9		ug/Kg-dry	1	3/12/2010 6:53:00 AM
n-Butylbenzene	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
n-Propylbenzene	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
Naphthalene	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
o-Xylene	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
sec-Butylbenzene	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
Styrene	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
tert-Butylbenzene	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
Tetrachloroethene	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
Toluene	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
trans-1,2-Dichloroethene	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
trans-1,3-Dichloropropene	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
Trichloroethene	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
Trichlorofluoromethane	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
Vinyl Chloride	ND	7.98		ug/Kg-dry	1	3/12/2010 6:53:00 AM
Surr: 1,2-Dichloroethane-d4	103	71.5-112		%REC	1	3/12/2010 6:53:00 AM
Surr: 4-Bromofluorobenzene	129	75.7-122	S	%REC	1	3/12/2010 6:53:00 AM
Surr: Dibromofluoromethane	107	64.3-124		%REC	1	3/12/2010 6:53:00 AM
Surr: Toluene-d8	118	74.9-120		%REC	1	3/12/2010 6:53:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-17

Client Sample ID: GP35-W-14.0
Collection Date: 3/4/2010 11:20:00 AM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
2-Butanone	ND	10.0		µg/L	1	3/11/2010 10:31:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
2-Hexanone	ND	10.0		µg/L	1	3/11/2010 10:31:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	3/11/2010 10:31:00 PM
Acetone	ND	50.0		µg/L	1	3/11/2010 10:31:00 PM
Acrylonitrile	ND	5.00		µg/L	1	3/11/2010 10:31:00 PM
Benzene	ND	0.300		µg/L	1	3/11/2010 10:31:00 PM
Bromobenzene	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
Bromochloromethane	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
Bromoform	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
Bromomethane	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
Carbon disulfide	ND	2.00		µg/L	1	3/11/2010 10:31:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
Chlorobenzene	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
Chloroethane	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
Chloroform	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
Chloromethane	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-17

Client Sample ID: GP35-W-14.0
Collection Date: 3/4/2010 11:20:00 AM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS						Analyst: kmn
		SW8260B				
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
Dibromomethane	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
Ethylbenzene	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
m,p-Xylene	ND	2.00		µg/L	1	3/11/2010 10:31:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
Methylene chloride	ND	20.0		µg/L	1	3/11/2010 10:31:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
Naphthalene	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
o-Xylene	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
Styrene	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
Tetrachloroethene	1.66	1.00		µg/L	1	3/11/2010 10:31:00 PM
Toluene	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
Trichloroethene	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
Vinyl chloride	ND	1.00		µg/L	1	3/11/2010 10:31:00 PM
Surr: 1,2-Dichloroethane-d4	98.6	72.2-129		%REC	1	3/11/2010 10:31:00 PM
Surr: 4-Bromofluorobenzene	116	73.5-125		%REC	1	3/11/2010 10:31:00 PM
Surr: Dibromofluoromethane	95.2	58.8-148		%REC	1	3/11/2010 10:31:00 PM
Surr: Toluene-d8	116	79.8-137		%REC	1	3/11/2010 10:31:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: GP27-S-0.5

Lab Order: 1003049

Collection Date: 3/4/2010 12:15:00 PM

Project: URIC / 8006.31.01

Lab ID: 1003049-18

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/24/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-19

Client Sample ID: GP27-S-2.5
Collection Date: 3/4/2010 12:25:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/24/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: GP27-S-5.0

Lab Order: 1003049

Collection Date: 3/4/2010 12:35:00 PM

Project: URIC / 8006.31.01

Lab ID: 1003049-20

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/24/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-21

Client Sample ID: GP27-S-12.5
Collection Date: 3/4/2010 12:45:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
1,1,1-Trichloroethane	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
1,1,2,2-Tetrachloroethane	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
1,1,2-Trichloroethane	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
1,1-Dichloroethane	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
1,1-Dichloroethene	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
1,1-Dichloropropene	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
1,2,3-Trichlorobenzene	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
1,2,3-Trichloropropane	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
1,2,4-Trichlorobenzene	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
1,2,4-Trimethylbenzene	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
1,2-Dibromo-3-chloropropane	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
1,2-Dibromoethane	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
1,2-Dichlorobenzene	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
1,2-Dichloroethane	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
1,2-Dichloropropane	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
1,3,5-Trimethylbenzene	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
1,3-Dichlorobenzene	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
1,3-Dichloropropane	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
1,4-Dichlorobenzene	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
2,2-Dichloropropane	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
2-Butanone	ND	41.1		ug/Kg-dry	1	3/12/2010 7:27:00 AM
2-Chlorotoluene	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
2-Hexanone	ND	20.5		ug/Kg-dry	1	3/12/2010 7:27:00 AM
4-Chlorotoluene	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
4-Isopropyltoluene	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
4-Methyl-2-pentanone	ND	41.1		ug/Kg-dry	1	3/12/2010 7:27:00 AM
Acetone	ND	103		ug/Kg-dry	1	3/12/2010 7:27:00 AM
Benzene	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
Bromobenzene	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
Bromochloromethane	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
Bromodichloromethane	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
Bromoform	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
Bromomethane	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
Carbon Disulfide	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
Carbon tetrachloride	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
Chlorobenzene	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
Chloroethane	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
Chloroform	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
Chloromethane	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
cis-1,2-Dichloroethene	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-21

Client Sample ID: GP27-S-12.5
Collection Date: 3/4/2010 12:45:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
Dibromochloromethane	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
Dibromomethane	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
Dichlorodifluoromethane	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
Ethylbenzene	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
Hexachlorobutadiene	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
Isopropylbenzene	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
m,p-Xylene	ND	20.5		ug/Kg-dry	1	3/12/2010 7:27:00 AM
Methyl tert-butyl ether	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
Methylene Chloride	ND	51.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
n-Butylbenzene	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
n-Propylbenzene	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
Naphthalene	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
o-Xylene	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
sec-Butylbenzene	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
Styrene	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
tert-Butylbenzene	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
Tetrachloroethene	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
Toluene	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
trans-1,2-Dichloroethene	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
trans-1,3-Dichloropropene	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
Trichloroethene	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
Trichlorofluoromethane	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
Vinyl Chloride	ND	10.3		ug/Kg-dry	1	3/12/2010 7:27:00 AM
Surr: 1,2-Dichloroethane-d4	106	71.5-112		%REC	1	3/12/2010 7:27:00 AM
Surr: 4-Bromofluorobenzene	114	75.7-122		%REC	1	3/12/2010 7:27:00 AM
Surr: Dibromofluoromethane	109	64.3-124		%REC	1	3/12/2010 7:27:00 AM
Surr: Toluene-d8	117	74.9-120		%REC	1	3/12/2010 7:27:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-22

Client Sample ID: GP27-W-12.5
Collection Date: 3/4/2010 1:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
2-Butanone	ND	10.0		µg/L	1	3/12/2010 3:11:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
2-Hexanone	ND	10.0		µg/L	1	3/12/2010 3:11:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	3/12/2010 3:11:00 PM
Acetone	ND	50.0		µg/L	1	3/12/2010 3:11:00 PM
Acrylonitrile	ND	5.00		µg/L	1	3/12/2010 3:11:00 PM
Benzene	ND	0.300		µg/L	1	3/12/2010 3:11:00 PM
Bromobenzene	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
Bromochloromethane	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
Bromoform	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
Bromomethane	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
Carbon disulfide	ND	2.00		µg/L	1	3/12/2010 3:11:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
Chlorobenzene	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
Chloroethane	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
Chloroform	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
Chloromethane	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-22

Client Sample ID: GP27-W-12.5
Collection Date: 3/4/2010 1:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
Dibromomethane	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
Ethylbenzene	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
m,p-Xylene	ND	2.00		µg/L	1	3/12/2010 3:11:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
Methylene chloride	ND	20.0		µg/L	1	3/12/2010 3:11:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
Naphthalene	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
o-Xylene	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
Styrene	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
Tetrachloroethene	1.03	1.00		µg/L	1	3/12/2010 3:11:00 PM
Toluene	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
Trichloroethene	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
Vinyl chloride	ND	1.00		µg/L	1	3/12/2010 3:11:00 PM
Surr: 1,2-Dichloroethane-d4	102	72.2-129		%REC	1	3/12/2010 3:11:00 PM
Surr: 4-Bromofluorobenzene	115	73.5-125		%REC	1	3/12/2010 3:11:00 PM
Surr: Dibromofluoromethane	93.2	58.8-148		%REC	1	3/12/2010 3:11:00 PM
Surr: Toluene-d8	113	79.8-137		%REC	1	3/12/2010 3:11:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-23

Client Sample ID: GP26-S-0.5
Collection Date: 3/4/2010 1:10:00 PM
Matrix: SOIL

Analyses	Result	Limit Qual Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST		PER CLIENT		Analyst: knt
Hold	Hold		1	3/24/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: GP26-S-2.5

Lab Order: 1003049

Collection Date: 3/4/2010 1:20:00 PM

Project: URIC / 8006.31.01

Lab ID: 1003049-24

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST						Analyst: knt
Hold	Hold				1	3/24/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: GP30-W-12.0

Lab Order: 1003049

Collection Date: 3/4/2010 3:40:00 PM

Project: URIC / 8006.31.01

Lab ID: 1003049-25

Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST						Analyst: knt
Hold	Hold				1	3/24/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-26

Client Sample ID: GP31-S-0.5
Collection Date: 3/4/2010 4:00:00 PM

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/24/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-27

Client Sample ID: GP31-S-2.5
Collection Date: 3/4/2010 4:10:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/24/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: GP31-S-5.0

Lab Order: 1003049

Collection Date: 3/4/2010 4:20:00 PM

Project: URIC / 8006.31.01

Lab ID: 1003049-28

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/24/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-29

Client Sample ID: GP31-S-12.0
Collection Date: 3/4/2010 4:30:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/24/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-30

Client Sample ID: GP31-W-12.0
Collection Date: 3/4/2010 4:40:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit Qual Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST		PER CLIENT		Analyst: knt
Hold	Hold		1	3/24/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-31

Client Sample ID: GP34-S-0.5
Collection Date: 3/5/2010 8:40:00 AM
Matrix: SOIL

Analyses	Result	Limit Qual Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST		PER CLIENT		Analyst: knt
Hold	Hold		1	3/24/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-32

Client Sample ID: GP34-S-2.5
Collection Date: 3/5/2010 8:50:00 AM
Matrix: SOIL

Analyses	Result	Limit Qual Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST		PER CLIENT		Analyst: knt
Hold	Hold		1	3/24/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-33

Client Sample ID: GP34-S-5.0
Collection Date: 3/5/2010 9:00:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/24/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-34

Client Sample ID: GP34-S-12.5
Collection Date: 3/5/2010 9:10:00 AM
Matrix: SOIL

Analyses	Result	Limit Qual Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST		PER CLIENT		Analyst: knt
Hold	Hold		1	3/24/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: GP34-W-12.5

Lab Order: 1003049

Collection Date: 3/5/2010 9:20:00 AM

Project: URIC / 8006.31.01

Lab ID: 1003049-35

Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/24/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: GP37-W-12.5

Lab Order: 1003049

Collection Date: 3/5/2010 10:20:00 AM

Project: URIC / 8006.31.01

Lab ID: 1003049-36

Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST						Analyst: knt
Hold	Hold				1	3/24/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-37

Client Sample ID: GP38-S-5.0
Collection Date: 3/5/2010 11:40:00 AM
Matrix: SOIL

Analyses	Result	Limit Qual Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST		PER CLIENT		Analyst: knt
Hold	Hold		1	3/24/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: GP38-S-12.0

Lab Order: 1003049

Collection Date: 3/5/2010 11:50:00 AM

Project: URIC / 8006.31.01

Lab ID: 1003049-38

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
1,1,1-Trichloroethane	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
1,1,2,2-Tetrachloroethane	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
1,1,2-Trichloroethane	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
1,1-Dichloroethane	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
1,1-Dichloroethene	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
1,1-Dichloropropene	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
1,2,3-Trichlorobenzene	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
1,2,3-Trichloropropane	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
1,2,4-Trichlorobenzene	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
1,2,4-Trimethylbenzene	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
1,2-Dibromo-3-chloropropane	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
1,2-Dibromoethane	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
1,2-Dichlorobenzene	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
1,2-Dichloroethane	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
1,2-Dichloropropane	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
1,3,5-Trimethylbenzene	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
1,3-Dichlorobenzene	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
1,3-Dichloropropane	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
1,4-Dichlorobenzene	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
2,2-Dichloropropane	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
2-Butanone	ND	47.0		ug/Kg-dry	1	3/12/2010 8:01:00 AM
2-Chlorotoluene	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
2-Hexanone	ND	23.5		ug/Kg-dry	1	3/12/2010 8:01:00 AM
4-Chlorotoluene	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
4-Isopropyltoluene	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
4-Methyl-2-pentanone	ND	47.0		ug/Kg-dry	1	3/12/2010 8:01:00 AM
Acetone	ND	118		ug/Kg-dry	1	3/12/2010 8:01:00 AM
Benzene	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
Bromobenzene	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
Bromochloromethane	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
Bromodichloromethane	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
Bromoform	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
Bromomethane	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
Carbon Disulfide	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
Carbon tetrachloride	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
Chlorobenzene	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
Chloroethane	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
Chloroform	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
Chloromethane	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
cis-1,2-Dichloroethene	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-38

Client Sample ID: GP38-S-12.0
Collection Date: 3/5/2010 11:50:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
Dibromochloromethane	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
Dibromomethane	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
Dichlorodifluoromethane	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
Ethylbenzene	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
Hexachlorobutadiene	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
Isopropylbenzene	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
m,p-Xylene	ND	23.5		ug/Kg-dry	1	3/12/2010 8:01:00 AM
Methyl tert-butyl ether	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
Methylene Chloride	ND	58.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
n-Butylbenzene	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
n-Propylbenzene	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
Naphthalene	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
o-Xylene	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
sec-Butylbenzene	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
Styrene	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
tert-Butylbenzene	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
Tetrachloroethene	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
Toluene	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
trans-1,2-Dichloroethene	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
trans-1,3-Dichloropropene	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
Trichloroethene	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
Trichlorofluoromethane	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
Vinyl Chloride	ND	11.8		ug/Kg-dry	1	3/12/2010 8:01:00 AM
Surr: 1,2-Dichloroethane-d4	110	71.5-112		%REC	1	3/12/2010 8:01:00 AM
Surr: 4-Bromofluorobenzene	115	75.7-122		%REC	1	3/12/2010 8:01:00 AM
Surr: Dibromofluoromethane	114	64.3-124		%REC	1	3/12/2010 8:01:00 AM
Surr: Toluene-d8	123	74.9-120	S	%REC	1	3/12/2010 8:01:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-39

Client Sample ID: GP38-W-12.0
Collection Date: 3/5/2010 11:55:00 AM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
2-Butanone	ND	10.0		µg/L	1	3/12/2010 3:46:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
2-Hexanone	ND	10.0		µg/L	1	3/12/2010 3:46:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	3/12/2010 3:46:00 PM
Acetone	ND	50.0		µg/L	1	3/12/2010 3:46:00 PM
Acrylonitrile	ND	5.00		µg/L	1	3/12/2010 3:46:00 PM
Benzene	ND	0.300		µg/L	1	3/12/2010 3:46:00 PM
Bromobenzene	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
Bromochloromethane	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
Bromoform	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
Bromomethane	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
Carbon disulfide	ND	2.00		µg/L	1	3/12/2010 3:46:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
Chlorobenzene	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
Chloroethane	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
Chloroform	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
Chloromethane	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-39

Client Sample ID: GP38-W-12.0
Collection Date: 3/5/2010 11:55:00 AM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
Dibromomethane	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
Ethylbenzene	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
m,p-Xylene	ND	2.00		µg/L	1	3/12/2010 3:46:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
Methylene chloride	ND	20.0		µg/L	1	3/12/2010 3:46:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
Naphthalene	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
o-Xylene	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
Styrene	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
Tetrachloroethene	3.78	1.00		µg/L	1	3/12/2010 3:46:00 PM
Toluene	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
Trichloroethene	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
Vinyl chloride	ND	1.00		µg/L	1	3/12/2010 3:46:00 PM
Surr: 1,2-Dichloroethane-d4	102	72.2-129		%REC	1	3/12/2010 3:46:00 PM
Surr: 4-Bromofluorobenzene	115	73.5-125		%REC	1	3/12/2010 3:46:00 PM
Surr: Dibromofluoromethane	93.6	58.8-148		%REC	1	3/12/2010 3:46:00 PM
Surr: Toluene-d8	113	79.8-137		%REC	1	3/12/2010 3:46:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-40

Client Sample ID: GP39-S-0.5
Collection Date: 3/5/2010 12:00:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
1,1,1-Trichloroethane	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
1,1,2,2-Tetrachloroethane	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
1,1,2-Trichloroethane	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
1,1-Dichloroethane	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
1,1-Dichloroethene	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
1,1-Dichloropropene	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
1,2,3-Trichlorobenzene	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
1,2,3-Trichloropropane	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
1,2,4-Trichlorobenzene	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
1,2,4-Trimethylbenzene	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
1,2-Dibromo-3-chloropropane	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
1,2-Dibromoethane	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
1,2-Dichlorobenzene	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
1,2-Dichloroethane	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
1,2-Dichloropropane	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
1,3,5-Trimethylbenzene	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
1,3-Dichlorobenzene	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
1,3-Dichloropropane	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
1,4-Dichlorobenzene	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
2,2-Dichloropropane	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
2-Butanone	ND	34.6		ug/Kg-dry	1	3/12/2010 8:36:00 AM
2-Chlorotoluene	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
2-Hexanone	ND	17.3		ug/Kg-dry	1	3/12/2010 8:36:00 AM
4-Chlorotoluene	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
4-Isopropyltoluene	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
4-Methyl-2-pentanone	ND	34.6		ug/Kg-dry	1	3/12/2010 8:36:00 AM
Acetone	194	86.6		ug/Kg-dry	1	3/12/2010 8:36:00 AM
Benzene	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
Bromobenzene	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
Bromochloromethane	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
Bromodichloromethane	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
Bromoform	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
Bromomethane	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
Carbon Disulfide	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
Carbon tetrachloride	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
Chlorobenzene	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
Chloroethane	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
Chloroform	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
Chloromethane	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
cis-1,2-Dichloroethene	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-40

Client Sample ID: GP39-S-0.5
Collection Date: 3/5/2010 12:00:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
Dibromochloromethane	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
Dibromomethane	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
Dichlorodifluoromethane	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
Ethylbenzene	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
Hexachlorobutadiene	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
Isopropylbenzene	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
m,p-Xylene	ND	17.3		ug/Kg-dry	1	3/12/2010 8:36:00 AM
Methyl tert-butyl ether	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
Methylene Chloride	ND	43.3		ug/Kg-dry	1	3/12/2010 8:36:00 AM
n-Butylbenzene	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
n-Propylbenzene	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
Naphthalene	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
o-Xylene	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
sec-Butylbenzene	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
Styrene	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
tert-Butylbenzene	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
Tetrachloroethene	9.74	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
Toluene	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
trans-1,2-Dichloroethene	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
trans-1,3-Dichloropropene	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
Trichloroethene	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
Trichlorofluoromethane	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
Vinyl Chloride	ND	8.66		ug/Kg-dry	1	3/12/2010 8:36:00 AM
Surr: 1,2-Dichloroethane-d4	108	71.5-112		%REC	1	3/12/2010 8:36:00 AM
Surr: 4-Bromofluorobenzene	112	75.7-122		%REC	1	3/12/2010 8:36:00 AM
Surr: Dibromofluoromethane	109	64.3-124		%REC	1	3/12/2010 8:36:00 AM
Surr: Toluene-d8	119	74.9-120		%REC	1	3/12/2010 8:36:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-41

Client Sample ID: GP39-S-2.5
Collection Date: 3/5/2010 12:05:00 PM
Matrix: SOIL

Analyses	Result	Limit Qual Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST		PER CLIENT		Analyst: knt
Hold	Hold		1	3/24/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-42

Client Sample ID: GP39-S-5.0
Collection Date: 3/5/2010 12:10:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
1,1,1-Trichloroethane	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
1,1,2,2-Tetrachloroethane	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
1,1,2-Trichloroethane	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
1,1-Dichloroethane	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
1,1-Dichloroethene	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
1,1-Dichloropropene	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
1,2,3-Trichlorobenzene	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
1,2,3-Trichloropropane	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
1,2,4-Trichlorobenzene	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
1,2,4-Trimethylbenzene	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
1,2-Dibromo-3-chloropropane	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
1,2-Dibromoethane	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
1,2-Dichlorobenzene	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
1,2-Dichloroethane	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
1,2-Dichloropropane	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
1,3,5-Trimethylbenzene	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
1,3-Dichlorobenzene	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
1,3-Dichloropropane	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
1,4-Dichlorobenzene	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
2,2-Dichloropropane	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
2-Butanone	ND	39.2		ug/Kg-dry	1	3/12/2010 1:14:00 PM
2-Chlorotoluene	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
2-Hexanone	ND	19.6		ug/Kg-dry	1	3/12/2010 1:14:00 PM
4-Chlorotoluene	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
4-Isopropyltoluene	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
4-Methyl-2-pentanone	ND	39.2		ug/Kg-dry	1	3/12/2010 1:14:00 PM
Acetone	ND	98.1		ug/Kg-dry	1	3/12/2010 1:14:00 PM
Benzene	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
Bromobenzene	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
Bromochloromethane	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
Bromodichloromethane	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
Bromoform	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
Bromomethane	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
Carbon Disulfide	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
Carbon tetrachloride	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
Chlorobenzene	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
Chloroethane	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
Chloroform	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
Chloromethane	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
cis-1,2-Dichloroethene	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-42

Client Sample ID: GP39-S-5.0
Collection Date: 3/5/2010 12:10:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
Dibromochloromethane	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
Dibromomethane	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
Dichlorodifluoromethane	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
Ethylbenzene	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
Hexachlorobutadiene	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
Isopropylbenzene	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
m,p-Xylene	ND	19.6		ug/Kg-dry	1	3/12/2010 1:14:00 PM
Methyl tert-butyl ether	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
Methylene Chloride	ND	49.0		ug/Kg-dry	1	3/12/2010 1:14:00 PM
n-Butylbenzene	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
n-Propylbenzene	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
Naphthalene	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
o-Xylene	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
sec-Butylbenzene	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
Styrene	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
tert-Butylbenzene	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
Tetrachloroethene	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
Toluene	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
trans-1,2-Dichloroethene	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
trans-1,3-Dichloropropene	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
Trichloroethene	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
Trichlorofluoromethane	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
Vinyl Chloride	ND	9.81		ug/Kg-dry	1	3/12/2010 1:14:00 PM
Surr: 1,2-Dichloroethane-d4	104	71.5-112		%REC	1	3/12/2010 1:14:00 PM
Surr: 4-Bromofluorobenzene	113	75.7-122		%REC	1	3/12/2010 1:14:00 PM
Surr: Dibromofluoromethane	109	64.3-124		%REC	1	3/12/2010 1:14:00 PM
Surr: Toluene-d8	122	74.9-120	S	%REC	1	3/12/2010 1:14:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-43

Client Sample ID: GP39-S-12.0
Collection Date: 3/5/2010 12:20:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
1,1,1-Trichloroethane	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
1,1,2,2-Tetrachloroethane	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
1,1,2-Trichloroethane	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
1,1-Dichloroethane	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
1,1-Dichloroethene	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
1,1-Dichloropropene	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
1,2,3-Trichlorobenzene	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
1,2,3-Trichloropropane	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
1,2,4-Trichlorobenzene	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
1,2,4-Trimethylbenzene	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
1,2-Dibromo-3-chloropropane	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
1,2-Dibromoethane	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
1,2-Dichlorobenzene	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
1,2-Dichloroethane	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
1,2-Dichloropropane	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
1,3,5-Trimethylbenzene	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
1,3-Dichlorobenzene	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
1,3-Dichloropropane	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
1,4-Dichlorobenzene	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
2,2-Dichloropropane	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
2-Butanone	ND	52.3		ug/Kg-dry	1	3/12/2010 1:49:00 PM
2-Chlorotoluene	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
2-Hexanone	ND	26.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
4-Chlorotoluene	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
4-Isopropyltoluene	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
4-Methyl-2-pentanone	ND	52.3		ug/Kg-dry	1	3/12/2010 1:49:00 PM
Acetone	ND	131		ug/Kg-dry	1	3/12/2010 1:49:00 PM
Benzene	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
Bromobenzene	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
Bromochloromethane	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
Bromodichloromethane	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
Bromoform	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
Bromomethane	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
Carbon Disulfide	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
Carbon tetrachloride	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
Chlorobenzene	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
Chloroethane	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
Chloroform	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
Chloromethane	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
cis-1,2-Dichloroethene	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-43

Client Sample ID: GP39-S-12.0
Collection Date: 3/5/2010 12:20:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
Dibromochloromethane	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
Dibromomethane	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
Dichlorodifluoromethane	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
Ethylbenzene	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
Hexachlorobutadiene	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
Isopropylbenzene	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
m,p-Xylene	ND	26.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
Methyl tert-butyl ether	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
Methylene Chloride	ND	65.4		ug/Kg-dry	1	3/12/2010 1:49:00 PM
n-Butylbenzene	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
n-Propylbenzene	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
Naphthalene	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
o-Xylene	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
sec-Butylbenzene	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
Styrene	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
tert-Butylbenzene	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
Tetrachloroethene	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
Toluene	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
trans-1,2-Dichloroethene	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
trans-1,3-Dichloropropene	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
Trichloroethene	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
Trichlorofluoromethane	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
Vinyl Chloride	ND	13.1		ug/Kg-dry	1	3/12/2010 1:49:00 PM
Surr: 1,2-Dichloroethane-d4	100	71.5-112		%REC	1	3/12/2010 1:49:00 PM
Surr: 4-Bromofluorobenzene	113	75.7-122		%REC	1	3/12/2010 1:49:00 PM
Surr: Dibromofluoromethane	108	64.3-124		%REC	1	3/12/2010 1:49:00 PM
Surr: Toluene-d8	123	74.9-120	S	%REC	1	3/12/2010 1:49:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-44

Client Sample ID: GP39-W-12.0
Collection Date: 3/5/2010 12:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
2-Butanone	ND	10.0		µg/L	1	3/12/2010 4:21:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
2-Hexanone	ND	10.0		µg/L	1	3/12/2010 4:21:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	3/12/2010 4:21:00 PM
Acetone	ND	50.0		µg/L	1	3/12/2010 4:21:00 PM
Acrylonitrile	ND	5.00		µg/L	1	3/12/2010 4:21:00 PM
Benzene	ND	0.300		µg/L	1	3/12/2010 4:21:00 PM
Bromobenzene	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
Bromochloromethane	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
Bromoform	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
Bromomethane	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
Carbon disulfide	ND	2.00		µg/L	1	3/12/2010 4:21:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
Chlorobenzene	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
Chloroethane	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
Chloroform	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
Chloromethane	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-44

Client Sample ID: GP39-W-12.0
Collection Date: 3/5/2010 12:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
Dibromomethane	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
Ethylbenzene	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
m,p-Xylene	ND	2.00		µg/L	1	3/12/2010 4:21:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
Methylene chloride	ND	20.0		µg/L	1	3/12/2010 4:21:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
Naphthalene	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
o-Xylene	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
Styrene	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
Tetrachloroethene	1.97	1.00		µg/L	1	3/12/2010 4:21:00 PM
Toluene	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
Trichloroethene	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
Vinyl chloride	ND	1.00		µg/L	1	3/12/2010 4:21:00 PM
Surr: 1,2-Dichloroethane-d4	106	72.2-129		%REC	1	3/12/2010 4:21:00 PM
Surr: 4-Bromofluorobenzene	111	73.5-125		%REC	1	3/12/2010 4:21:00 PM
Surr: Dibromofluoromethane	101	58.8-148		%REC	1	3/12/2010 4:21:00 PM
Surr: Toluene-d8	114	79.8-137		%REC	1	3/12/2010 4:21:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-45

Client Sample ID: GP33-S-0.5
Collection Date: 3/5/2010 12:40:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
1,1,1-Trichloroethane	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
1,1,2,2-Tetrachloroethane	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
1,1,2-Trichloroethane	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
1,1-Dichloroethane	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
1,1-Dichloroethene	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
1,1-Dichloropropene	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
1,2,3-Trichlorobenzene	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
1,2,3-Trichloropropane	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
1,2,4-Trichlorobenzene	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
1,2,4-Trimethylbenzene	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
1,2-Dibromo-3-chloropropane	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
1,2-Dibromoethane	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
1,2-Dichlorobenzene	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
1,2-Dichloroethane	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
1,2-Dichloropropane	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
1,3,5-Trimethylbenzene	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
1,3-Dichlorobenzene	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
1,3-Dichloropropane	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
1,4-Dichlorobenzene	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
2,2-Dichloropropane	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
2-Butanone	ND	48.7		ug/Kg-dry	1	3/13/2010 4:25:00 AM
2-Chlorotoluene	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
2-Hexanone	ND	24.4		ug/Kg-dry	1	3/13/2010 4:25:00 AM
4-Chlorotoluene	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
4-Isopropyltoluene	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
4-Methyl-2-pentanone	ND	48.7		ug/Kg-dry	1	3/13/2010 4:25:00 AM
Acetone	ND	122		ug/Kg-dry	1	3/13/2010 4:25:00 AM
Benzene	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
Bromobenzene	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
Bromochloromethane	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
Bromodichloromethane	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
Bromoform	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
Bromomethane	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
Carbon Disulfide	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
Carbon tetrachloride	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
Chlorobenzene	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
Chloroethane	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
Chloroform	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
Chloromethane	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
cis-1,2-Dichloroethene	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-45

Client Sample ID: GP33-S-0.5
Collection Date: 3/5/2010 12:40:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
Dibromochloromethane	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
Dibromomethane	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
Dichlorodifluoromethane	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
Ethylbenzene	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
Hexachlorobutadiene	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
Isopropylbenzene	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
m,p-Xylene	ND	24.4		ug/Kg-dry	1	3/13/2010 4:25:00 AM
Methyl tert-butyl ether	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
Methylene Chloride	ND	60.9		ug/Kg-dry	1	3/13/2010 4:25:00 AM
n-Butylbenzene	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
n-Propylbenzene	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
Naphthalene	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
o-Xylene	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
sec-Butylbenzene	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
Styrene	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
tert-Butylbenzene	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
Tetrachloroethene	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
Toluene	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
trans-1,2-Dichloroethene	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
trans-1,3-Dichloropropene	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
Trichloroethene	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
Trichlorofluoromethane	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
Vinyl Chloride	ND	12.2		ug/Kg-dry	1	3/13/2010 4:25:00 AM
Surr: 1,2-Dichloroethane-d4	137	71.5-112	S	%REC	1	3/13/2010 4:25:00 AM
Surr: 4-Bromofluorobenzene	118	75.7-122		%REC	1	3/13/2010 4:25:00 AM
Surr: Dibromofluoromethane	122	64.3-124		%REC	1	3/13/2010 4:25:00 AM
Surr: Toluene-d8	119	74.9-120		%REC	1	3/13/2010 4:25:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-46

Client Sample ID: GP33-S-2.5
Collection Date: 3/5/2010 12:50:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/24/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-47

Client Sample ID: GP33-S-5.0
Collection Date: 3/5/2010 1:00:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
1,1,1-Trichloroethane	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
1,1,2,2-Tetrachloroethane	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
1,1,2-Trichloroethane	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
1,1-Dichloroethane	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
1,1-Dichloroethene	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
1,1-Dichloropropene	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
1,2,3-Trichlorobenzene	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
1,2,3-Trichloropropane	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
1,2,4-Trichlorobenzene	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
1,2,4-Trimethylbenzene	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
1,2-Dibromo-3-chloropropane	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
1,2-Dibromoethane	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
1,2-Dichlorobenzene	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
1,2-Dichloroethane	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
1,2-Dichloropropane	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
1,3,5-Trimethylbenzene	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
1,3-Dichlorobenzene	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
1,3-Dichloropropane	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
1,4-Dichlorobenzene	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
2,2-Dichloropropane	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
2-Butanone	ND	39.6		ug/Kg-dry	1	3/12/2010 3:38:00 PM
2-Chlorotoluene	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
2-Hexanone	ND	19.8		ug/Kg-dry	1	3/12/2010 3:38:00 PM
4-Chlorotoluene	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
4-Isopropyltoluene	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
4-Methyl-2-pentanone	ND	39.6		ug/Kg-dry	1	3/12/2010 3:38:00 PM
Acetone	ND	99.0		ug/Kg-dry	1	3/12/2010 3:38:00 PM
Benzene	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
Bromobenzene	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
Bromochloromethane	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
Bromodichloromethane	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
Bromoform	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
Bromomethane	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
Carbon Disulfide	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
Carbon tetrachloride	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
Chlorobenzene	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
Chloroethane	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
Chloroform	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
Chloromethane	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
cis-1,2-Dichloroethene	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-47

Client Sample ID: GP33-S-5.0
Collection Date: 3/5/2010 1:00:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
Dibromochloromethane	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
Dibromomethane	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
Dichlorodifluoromethane	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
Ethylbenzene	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
Hexachlorobutadiene	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
Isopropylbenzene	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
m,p-Xylene	ND	19.8		ug/Kg-dry	1	3/12/2010 3:38:00 PM
Methyl tert-butyl ether	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
Methylene Chloride	ND	49.5		ug/Kg-dry	1	3/12/2010 3:38:00 PM
n-Butylbenzene	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
n-Propylbenzene	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
Naphthalene	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
o-Xylene	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
sec-Butylbenzene	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
Styrene	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
tert-Butylbenzene	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
Tetrachloroethene	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
Toluene	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
trans-1,2-Dichloroethene	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
trans-1,3-Dichloropropene	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
Trichloroethene	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
Trichlorofluoromethane	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
Vinyl Chloride	ND	9.90		ug/Kg-dry	1	3/12/2010 3:38:00 PM
Surr: 1,2-Dichloroethane-d4	107	71.5-112		%REC	1	3/12/2010 3:38:00 PM
Surr: 4-Bromofluorobenzene	110	75.7-122		%REC	1	3/12/2010 3:38:00 PM
Surr: Dibromofluoromethane	110	64.3-124		%REC	1	3/12/2010 3:38:00 PM
Surr: Toluene-d8	117	74.9-120		%REC	1	3/12/2010 3:38:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-48

Client Sample ID: GP33-S-12.0
Collection Date: 3/5/2010 1:10:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
1,1,1-Trichloroethane	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
1,1,2,2-Tetrachloroethane	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
1,1,2-Trichloroethane	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
1,1-Dichloroethane	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
1,1-Dichloroethene	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
1,1-Dichloropropene	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
1,2,3-Trichlorobenzene	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
1,2,3-Trichloropropane	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
1,2,4-Trichlorobenzene	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
1,2,4-Trimethylbenzene	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
1,2-Dibromo-3-chloropropane	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
1,2-Dibromoethane	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
1,2-Dichlorobenzene	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
1,2-Dichloroethane	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
1,2-Dichloropropane	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
1,3,5-Trimethylbenzene	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
1,3-Dichlorobenzene	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
1,3-Dichloropropane	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
1,4-Dichlorobenzene	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
2,2-Dichloropropane	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
2-Butanone	ND	45.5		ug/Kg-dry	1	3/12/2010 4:13:00 PM
2-Chlorotoluene	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
2-Hexanone	ND	22.7		ug/Kg-dry	1	3/12/2010 4:13:00 PM
4-Chlorotoluene	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
4-Isopropyltoluene	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
4-Methyl-2-pentanone	ND	45.5		ug/Kg-dry	1	3/12/2010 4:13:00 PM
Acetone	ND	114		ug/Kg-dry	1	3/12/2010 4:13:00 PM
Benzene	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
Bromobenzene	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
Bromochloromethane	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
Bromodichloromethane	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
Bromoform	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
Bromomethane	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
Carbon Disulfide	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
Carbon tetrachloride	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
Chlorobenzene	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
Chloroethane	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
Chloroform	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
Chloromethane	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
cis-1,2-Dichloroethene	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-48

Client Sample ID: GP33-S-12.0
Collection Date: 3/5/2010 1:10:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
Dibromochloromethane	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
Dibromomethane	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
Dichlorodifluoromethane	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
Ethylbenzene	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
Hexachlorobutadiene	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
Isopropylbenzene	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
m,p-Xylene	ND	22.7		ug/Kg-dry	1	3/12/2010 4:13:00 PM
Methyl tert-butyl ether	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
Methylene Chloride	ND	56.8		ug/Kg-dry	1	3/12/2010 4:13:00 PM
n-Butylbenzene	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
n-Propylbenzene	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
Naphthalene	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
o-Xylene	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
sec-Butylbenzene	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
Styrene	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
tert-Butylbenzene	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
Tetrachloroethene	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
Toluene	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
trans-1,2-Dichloroethene	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
trans-1,3-Dichloropropene	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
Trichloroethene	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
Trichlorofluoromethane	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
Vinyl Chloride	ND	11.4		ug/Kg-dry	1	3/12/2010 4:13:00 PM
Surr: 1,2-Dichloroethane-d4	107	71.5-112		%REC	1	3/12/2010 4:13:00 PM
Surr: 4-Bromofluorobenzene	113	75.7-122		%REC	1	3/12/2010 4:13:00 PM
Surr: Dibromofluoromethane	113	64.3-124		%REC	1	3/12/2010 4:13:00 PM
Surr: Toluene-d8	118	74.9-120		%REC	1	3/12/2010 4:13:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-49

Client Sample ID: GP33-W-12.0
Collection Date: 3/5/2010 1:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
2-Butanone	ND	10.0		µg/L	1	3/12/2010 4:55:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
2-Hexanone	ND	10.0		µg/L	1	3/12/2010 4:55:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	3/12/2010 4:55:00 PM
Acetone	ND	50.0		µg/L	1	3/12/2010 4:55:00 PM
Acrylonitrile	ND	5.00		µg/L	1	3/12/2010 4:55:00 PM
Benzene	ND	0.300		µg/L	1	3/12/2010 4:55:00 PM
Bromobenzene	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
Bromochloromethane	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
Bromoform	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
Bromomethane	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
Carbon disulfide	ND	2.00		µg/L	1	3/12/2010 4:55:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
Chlorobenzene	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
Chloroethane	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
Chloroform	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
Chloromethane	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-49

Client Sample ID: GP33-W-12.0
Collection Date: 3/5/2010 1:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
Dibromomethane	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
Ethylbenzene	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
m,p-Xylene	ND	2.00		µg/L	1	3/12/2010 4:55:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
Methylene chloride	ND	20.0		µg/L	1	3/12/2010 4:55:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
Naphthalene	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
o-Xylene	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
Styrene	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
Tetrachloroethene	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
Toluene	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
Trichloroethene	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
Vinyl chloride	ND	1.00		µg/L	1	3/12/2010 4:55:00 PM
Surr: 1,2-Dichloroethane-d4	103	72.2-129		%REC	1	3/12/2010 4:55:00 PM
Surr: 4-Bromofluorobenzene	114	73.5-125		%REC	1	3/12/2010 4:55:00 PM
Surr: Dibromofluoromethane	96.7	58.8-148		%REC	1	3/12/2010 4:55:00 PM
Surr: Toluene-d8	114	79.8-137		%REC	1	3/12/2010 4:55:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-50

Client Sample ID: GP32-S-0.5
Collection Date: 3/5/2010 1:40:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
1,1,1-Trichloroethane	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
1,1,2,2-Tetrachloroethane	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
1,1,2-Trichloroethane	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
1,1-Dichloroethane	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
1,1-Dichloroethene	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
1,1-Dichloropropene	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
1,2,3-Trichlorobenzene	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
1,2,3-Trichloropropane	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
1,2,4-Trichlorobenzene	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
1,2,4-Trimethylbenzene	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
1,2-Dibromo-3-chloropropane	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
1,2-Dibromoethane	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
1,2-Dichlorobenzene	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
1,2-Dichloroethane	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
1,2-Dichloropropane	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
1,3,5-Trimethylbenzene	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
1,3-Dichlorobenzene	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
1,3-Dichloropropane	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
1,4-Dichlorobenzene	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
2,2-Dichloropropane	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
2-Butanone	ND	38.8		ug/Kg-dry	1	3/12/2010 7:07:00 PM
2-Chlorotoluene	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
2-Hexanone	ND	19.4		ug/Kg-dry	1	3/12/2010 7:07:00 PM
4-Chlorotoluene	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
4-Isopropyltoluene	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
4-Methyl-2-pentanone	ND	38.8		ug/Kg-dry	1	3/12/2010 7:07:00 PM
Acetone	134	96.9		ug/Kg-dry	1	3/12/2010 7:07:00 PM
Benzene	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
Bromobenzene	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
Bromochloromethane	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
Bromodichloromethane	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
Bromoform	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
Bromomethane	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
Carbon Disulfide	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
Carbon tetrachloride	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
Chlorobenzene	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
Chloroethane	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
Chloroform	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
Chloromethane	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
cis-1,2-Dichloroethene	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: GP32-S-0.5

Lab Order: 1003049

Collection Date: 3/5/2010 1:40:00 PM

Project: URIC / 8006.31.01

Lab ID: 1003049-50

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
Dibromochloromethane	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
Dibromomethane	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
Dichlorodifluoromethane	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
Ethylbenzene	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
Hexachlorobutadiene	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
Isopropylbenzene	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
m,p-Xylene	ND	19.4		ug/Kg-dry	1	3/12/2010 7:07:00 PM
Methyl tert-butyl ether	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
Methylene Chloride	ND	48.5		ug/Kg-dry	1	3/12/2010 7:07:00 PM
n-Butylbenzene	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
n-Propylbenzene	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
Naphthalene	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
o-Xylene	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
sec-Butylbenzene	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
Styrene	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
tert-Butylbenzene	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
Tetrachloroethene	11.3	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
Toluene	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
trans-1,2-Dichloroethene	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
trans-1,3-Dichloropropene	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
Trichloroethene	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
Trichlorofluoromethane	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
Vinyl Chloride	ND	9.69		ug/Kg-dry	1	3/12/2010 7:07:00 PM
Surr: 1,2-Dichloroethane-d4	108	71.5-112		%REC	1	3/12/2010 7:07:00 PM
Surr: 4-Bromofluorobenzene	113	75.7-122		%REC	1	3/12/2010 7:07:00 PM
Surr: Dibromofluoromethane	112	64.3-124		%REC	1	3/12/2010 7:07:00 PM
Surr: Toluene-d8	122	74.9-120	S	%REC	1	3/12/2010 7:07:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-51

Client Sample ID: GP32-S-2.5
Collection Date: 3/5/2010 1:50:00 PM
Matrix: SOIL

Analyses	Result	Limit Qual Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST		PER CLIENT		Analyst: knt
Hold	Hold		1	3/24/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-52

Client Sample ID: GP32-S-5.0
Collection Date: 3/5/2010 2:00:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
1,1,1-Trichloroethane	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
1,1,2,2-Tetrachloroethane	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
1,1,2-Trichloroethane	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
1,1-Dichloroethane	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
1,1-Dichloroethene	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
1,1-Dichloropropene	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
1,2,3-Trichlorobenzene	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
1,2,3-Trichloropropane	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
1,2,4-Trichlorobenzene	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
1,2,4-Trimethylbenzene	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
1,2-Dibromo-3-chloropropane	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
1,2-Dibromoethane	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
1,2-Dichlorobenzene	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
1,2-Dichloroethane	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
1,2-Dichloropropane	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
1,3,5-Trimethylbenzene	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
1,3-Dichlorobenzene	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
1,3-Dichloropropane	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
1,4-Dichlorobenzene	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
2,2-Dichloropropane	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
2-Butanone	ND	38.3		ug/Kg-dry	1	3/12/2010 7:43:00 PM
2-Chlorotoluene	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
2-Hexanone	ND	19.1		ug/Kg-dry	1	3/12/2010 7:43:00 PM
4-Chlorotoluene	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
4-Isopropyltoluene	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
4-Methyl-2-pentanone	ND	38.3		ug/Kg-dry	1	3/12/2010 7:43:00 PM
Acetone	ND	95.7		ug/Kg-dry	1	3/12/2010 7:43:00 PM
Benzene	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
Bromobenzene	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
Bromochloromethane	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
Bromodichloromethane	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
Bromoform	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
Bromomethane	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
Carbon Disulfide	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
Carbon tetrachloride	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
Chlorobenzene	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
Chloroethane	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
Chloroform	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
Chloromethane	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
cis-1,2-Dichloroethene	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-52

Client Sample ID: GP32-S-5.0
Collection Date: 3/5/2010 2:00:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
Dibromochloromethane	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
Dibromomethane	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
Dichlorodifluoromethane	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
Ethylbenzene	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
Hexachlorobutadiene	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
Isopropylbenzene	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
m,p-Xylene	ND	19.1		ug/Kg-dry	1	3/12/2010 7:43:00 PM
Methyl tert-butyl ether	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
Methylene Chloride	ND	47.9		ug/Kg-dry	1	3/12/2010 7:43:00 PM
n-Butylbenzene	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
n-Propylbenzene	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
Naphthalene	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
o-Xylene	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
sec-Butylbenzene	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
Styrene	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
tert-Butylbenzene	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
Tetrachloroethene	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
Toluene	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
trans-1,2-Dichloroethene	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
trans-1,3-Dichloropropene	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
Trichloroethene	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
Trichlorofluoromethane	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
Vinyl Chloride	ND	9.57		ug/Kg-dry	1	3/12/2010 7:43:00 PM
Surr: 1,2-Dichloroethane-d4	110	71.5-112		%REC	1	3/12/2010 7:43:00 PM
Surr: 4-Bromofluorobenzene	113	75.7-122		%REC	1	3/12/2010 7:43:00 PM
Surr: Dibromofluoromethane	111	64.3-124		%REC	1	3/12/2010 7:43:00 PM
Surr: Toluene-d8	119	74.9-120		%REC	1	3/12/2010 7:43:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-53

Client Sample ID: GP32-S-12.0
Collection Date: 3/5/2010 2:10:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
1,1,1-Trichloroethane	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
1,1,2,2-Tetrachloroethane	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
1,1,2-Trichloroethane	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
1,1-Dichloroethane	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
1,1-Dichloroethene	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
1,1-Dichloropropene	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
1,2,3-Trichlorobenzene	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
1,2,3-Trichloropropane	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
1,2,4-Trichlorobenzene	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
1,2,4-Trimethylbenzene	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
1,2-Dibromo-3-chloropropane	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
1,2-Dibromoethane	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
1,2-Dichlorobenzene	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
1,2-Dichloroethane	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
1,2-Dichloropropane	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
1,3,5-Trimethylbenzene	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
1,3-Dichlorobenzene	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
1,3-Dichloropropane	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
1,4-Dichlorobenzene	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
2,2-Dichloropropane	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
2-Butanone	ND	48.3		ug/Kg-dry	1	3/12/2010 8:17:00 PM
2-Chlorotoluene	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
2-Hexanone	ND	24.2		ug/Kg-dry	1	3/12/2010 8:17:00 PM
4-Chlorotoluene	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
4-Isopropyltoluene	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
4-Methyl-2-pentanone	ND	48.3		ug/Kg-dry	1	3/12/2010 8:17:00 PM
Acetone	ND	121		ug/Kg-dry	1	3/12/2010 8:17:00 PM
Benzene	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
Bromobenzene	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
Bromochloromethane	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
Bromodichloromethane	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
Bromoform	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
Bromomethane	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
Carbon Disulfide	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
Carbon tetrachloride	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
Chlorobenzene	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
Chloroethane	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
Chloroform	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
Chloromethane	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
cis-1,2-Dichloroethene	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-53

Client Sample ID: GP32-S-12.0
Collection Date: 3/5/2010 2:10:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
Dibromochloromethane	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
Dibromomethane	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
Dichlorodifluoromethane	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
Ethylbenzene	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
Hexachlorobutadiene	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
Isopropylbenzene	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
m,p-Xylene	ND	24.2		ug/Kg-dry	1	3/12/2010 8:17:00 PM
Methyl tert-butyl ether	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
Methylene Chloride	ND	60.4		ug/Kg-dry	1	3/12/2010 8:17:00 PM
n-Butylbenzene	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
n-Propylbenzene	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
Naphthalene	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
o-Xylene	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
sec-Butylbenzene	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
Styrene	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
tert-Butylbenzene	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
Tetrachloroethene	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
Toluene	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
trans-1,2-Dichloroethene	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
trans-1,3-Dichloropropene	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
Trichloroethene	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
Trichlorofluoromethane	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
Vinyl Chloride	ND	12.1		ug/Kg-dry	1	3/12/2010 8:17:00 PM
Surr: 1,2-Dichloroethane-d4	117	71.5-112	S	%REC	1	3/12/2010 8:17:00 PM
Surr: 4-Bromofluorobenzene	116	75.7-122		%REC	1	3/12/2010 8:17:00 PM
Surr: Dibromofluoromethane	117	64.3-124		%REC	1	3/12/2010 8:17:00 PM
Surr: Toluene-d8	125	74.9-120	S	%REC	1	3/12/2010 8:17:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-54

Client Sample ID: GP32-W-12.0
Collection Date: 3/5/2010 2:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
2-Butanone	ND	10.0		µg/L	1	3/12/2010 5:30:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
2-Hexanone	ND	10.0		µg/L	1	3/12/2010 5:30:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	3/12/2010 5:30:00 PM
Acetone	ND	50.0		µg/L	1	3/12/2010 5:30:00 PM
Acrylonitrile	ND	5.00		µg/L	1	3/12/2010 5:30:00 PM
Benzene	ND	0.300		µg/L	1	3/12/2010 5:30:00 PM
Bromobenzene	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
Bromochloromethane	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
Bromoform	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
Bromomethane	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
Carbon disulfide	ND	2.00		µg/L	1	3/12/2010 5:30:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
Chlorobenzene	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
Chloroethane	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
Chloroform	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
Chloromethane	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-54

Client Sample ID: GP32-W-12.0
Collection Date: 3/5/2010 2:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
Dibromomethane	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
Ethylbenzene	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
m,p-Xylene	ND	2.00		µg/L	1	3/12/2010 5:30:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
Methylene chloride	ND	20.0		µg/L	1	3/12/2010 5:30:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
Naphthalene	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
o-Xylene	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
Styrene	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
Tetrachloroethene	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
Toluene	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
Trichloroethene	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
Vinyl chloride	ND	1.00		µg/L	1	3/12/2010 5:30:00 PM
Surr: 1,2-Dichloroethane-d4	101	72.2-129		%REC	1	3/12/2010 5:30:00 PM
Surr: 4-Bromofluorobenzene	114	73.5-125		%REC	1	3/12/2010 5:30:00 PM
Surr: Dibromofluoromethane	97.8	58.8-148		%REC	1	3/12/2010 5:30:00 PM
Surr: Toluene-d8	114	79.8-137		%REC	1	3/12/2010 5:30:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-55

Client Sample ID: GP37-S-0.5
Collection Date: 3/5/2010 9:45:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
1,1,1-Trichloroethane	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
1,1,2,2-Tetrachloroethane	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
1,1,2-Trichloroethane	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
1,1-Dichloroethane	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
1,1-Dichloroethene	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
1,1-Dichloropropene	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
1,2,3-Trichlorobenzene	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
1,2,3-Trichloropropane	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
1,2,4-Trichlorobenzene	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
1,2,4-Trimethylbenzene	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
1,2-Dibromo-3-chloropropane	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
1,2-Dibromoethane	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
1,2-Dichlorobenzene	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
1,2-Dichloroethane	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
1,2-Dichloropropane	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
1,3,5-Trimethylbenzene	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
1,3-Dichlorobenzene	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
1,3-Dichloropropane	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
1,4-Dichlorobenzene	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
2,2-Dichloropropane	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
2-Butanone	ND	40.3		ug/Kg-dry	1	3/12/2010 8:52:00 PM
2-Chlorotoluene	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
2-Hexanone	ND	20.2		ug/Kg-dry	1	3/12/2010 8:52:00 PM
4-Chlorotoluene	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
4-Isopropyltoluene	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
4-Methyl-2-pentanone	ND	40.3		ug/Kg-dry	1	3/12/2010 8:52:00 PM
Acetone	160	101		ug/Kg-dry	1	3/12/2010 8:52:00 PM
Benzene	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
Bromobenzene	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
Bromochloromethane	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
Bromodichloromethane	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
Bromoform	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
Bromomethane	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
Carbon Disulfide	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
Carbon tetrachloride	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
Chlorobenzene	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
Chloroethane	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
Chloroform	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
Chloromethane	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
cis-1,2-Dichloroethene	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-55

Client Sample ID: GP37-S-0.5
Collection Date: 3/5/2010 9:45:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
Dibromochloromethane	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
Dibromomethane	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
Dichlorodifluoromethane	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
Ethylbenzene	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
Hexachlorobutadiene	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
Isopropylbenzene	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
m,p-Xylene	ND	20.2		ug/Kg-dry	1	3/12/2010 8:52:00 PM
Methyl tert-butyl ether	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
Methylene Chloride	ND	50.4		ug/Kg-dry	1	3/12/2010 8:52:00 PM
n-Butylbenzene	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
n-Propylbenzene	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
Naphthalene	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
o-Xylene	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
sec-Butylbenzene	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
Styrene	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
tert-Butylbenzene	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
Tetrachloroethene	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
Toluene	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
trans-1,2-Dichloroethene	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
trans-1,3-Dichloropropene	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
Trichloroethene	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
Trichlorofluoromethane	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
Vinyl Chloride	ND	10.1		ug/Kg-dry	1	3/12/2010 8:52:00 PM
Surr: 1,2-Dichloroethane-d4	116	71.5-112	S	%REC	1	3/12/2010 8:52:00 PM
Surr: 4-Bromofluorobenzene	113	75.7-122		%REC	1	3/12/2010 8:52:00 PM
Surr: Dibromofluoromethane	116	64.3-124		%REC	1	3/12/2010 8:52:00 PM
Surr: Toluene-d8	119	74.9-120		%REC	1	3/12/2010 8:52:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: GP37-S-2.5

Lab Order: 1003049

Collection Date: 3/5/2010 9:55:00 AM

Project: URIC / 8006.31.01

Lab ID: 1003049-56

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/24/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: GP37-S-5.0

Lab Order: 1003049

Collection Date: 3/5/2010 10:05:00 AM

Project: URIC / 8006.31.01

Lab ID: 1003049-57

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
1,1,1-Trichloroethane	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
1,1,2,2-Tetrachloroethane	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
1,1,2-Trichloroethane	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
1,1-Dichloroethane	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
1,1-Dichloroethene	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
1,1-Dichloropropene	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
1,2,3-Trichlorobenzene	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
1,2,3-Trichloropropane	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
1,2,4-Trichlorobenzene	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
1,2,4-Trimethylbenzene	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
1,2-Dibromo-3-chloropropane	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
1,2-Dibromoethane	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
1,2-Dichlorobenzene	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
1,2-Dichloroethane	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
1,2-Dichloropropane	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
1,3,5-Trimethylbenzene	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
1,3-Dichlorobenzene	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
1,3-Dichloropropane	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
1,4-Dichlorobenzene	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
2,2-Dichloropropane	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
2-Butanone	ND	39.3		ug/Kg-dry	1	3/12/2010 9:27:00 PM
2-Chlorotoluene	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
2-Hexanone	ND	19.6		ug/Kg-dry	1	3/12/2010 9:27:00 PM
4-Chlorotoluene	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
4-Isopropyltoluene	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
4-Methyl-2-pentanone	ND	39.3		ug/Kg-dry	1	3/12/2010 9:27:00 PM
Acetone	ND	98.2		ug/Kg-dry	1	3/12/2010 9:27:00 PM
Benzene	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
Bromobenzene	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
Bromochloromethane	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
Bromodichloromethane	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
Bromoform	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
Bromomethane	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
Carbon Disulfide	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
Carbon tetrachloride	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
Chlorobenzene	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
Chloroethane	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
Chloroform	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
Chloromethane	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
cis-1,2-Dichloroethene	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-57

Client Sample ID: GP37-S-5.0
Collection Date: 3/5/2010 10:05:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
Dibromochloromethane	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
Dibromomethane	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
Dichlorodifluoromethane	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
Ethylbenzene	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
Hexachlorobutadiene	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
Isopropylbenzene	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
m,p-Xylene	ND	19.6		ug/Kg-dry	1	3/12/2010 9:27:00 PM
Methyl tert-butyl ether	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
Methylene Chloride	ND	49.1		ug/Kg-dry	1	3/12/2010 9:27:00 PM
n-Butylbenzene	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
n-Propylbenzene	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
Naphthalene	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
o-Xylene	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
sec-Butylbenzene	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
Styrene	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
tert-Butylbenzene	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
Tetrachloroethene	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
Toluene	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
trans-1,2-Dichloroethene	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
trans-1,3-Dichloropropene	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
Trichloroethene	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
Trichlorofluoromethane	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
Vinyl Chloride	ND	9.82		ug/Kg-dry	1	3/12/2010 9:27:00 PM
Surr: 1,2-Dichloroethane-d4	111	71.5-112		%REC	1	3/12/2010 9:27:00 PM
Surr: 4-Bromofluorobenzene	114	75.7-122		%REC	1	3/12/2010 9:27:00 PM
Surr: Dibromofluoromethane	113	64.3-124		%REC	1	3/12/2010 9:27:00 PM
Surr: Toluene-d8	120	74.9-120		%REC	1	3/12/2010 9:27:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: GP37-S-12.5

Lab Order: 1003049

Collection Date: 3/5/2010 10:15:00 AM

Project: URIC / 8006.31.01

Lab ID: 1003049-58

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
1,1,1-Trichloroethane	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
1,1,2,2-Tetrachloroethane	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
1,1,2-Trichloroethane	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
1,1-Dichloroethane	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
1,1-Dichloroethene	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
1,1-Dichloropropene	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
1,2,3-Trichlorobenzene	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
1,2,3-Trichloropropane	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
1,2,4-Trichlorobenzene	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
1,2,4-Trimethylbenzene	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
1,2-Dibromo-3-chloropropane	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
1,2-Dibromoethane	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
1,2-Dichlorobenzene	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
1,2-Dichloroethane	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
1,2-Dichloropropane	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
1,3,5-Trimethylbenzene	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
1,3-Dichlorobenzene	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
1,3-Dichloropropane	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
1,4-Dichlorobenzene	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
2,2-Dichloropropane	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
2-Butanone	ND	44.5		ug/Kg-dry	1	3/12/2010 10:01:00 PM
2-Chlorotoluene	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
2-Hexanone	ND	22.3		ug/Kg-dry	1	3/12/2010 10:01:00 PM
4-Chlorotoluene	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
4-Isopropyltoluene	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
4-Methyl-2-pentanone	ND	44.5		ug/Kg-dry	1	3/12/2010 10:01:00 PM
Acetone	ND	111		ug/Kg-dry	1	3/12/2010 10:01:00 PM
Benzene	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
Bromobenzene	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
Bromochloromethane	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
Bromodichloromethane	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
Bromoform	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
Bromomethane	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
Carbon Disulfide	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
Carbon tetrachloride	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
Chlorobenzene	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
Chloroethane	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
Chloroform	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
Chloromethane	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
cis-1,2-Dichloroethene	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-58

Client Sample ID: GP37-S-12.5
Collection Date: 3/5/2010 10:15:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
Dibromochloromethane	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
Dibromomethane	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
Dichlorodifluoromethane	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
Ethylbenzene	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
Hexachlorobutadiene	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
Isopropylbenzene	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
m,p-Xylene	ND	22.3		ug/Kg-dry	1	3/12/2010 10:01:00 PM
Methyl tert-butyl ether	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
Methylene Chloride	ND	55.7		ug/Kg-dry	1	3/12/2010 10:01:00 PM
n-Butylbenzene	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
n-Propylbenzene	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
Naphthalene	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
o-Xylene	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
sec-Butylbenzene	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
Styrene	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
tert-Butylbenzene	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
Tetrachloroethene	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
Toluene	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
trans-1,2-Dichloroethene	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
trans-1,3-Dichloropropene	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
Trichloroethene	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
Trichlorofluoromethane	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
Vinyl Chloride	ND	11.1		ug/Kg-dry	1	3/12/2010 10:01:00 PM
Surr: 1,2-Dichloroethane-d4	115	71.5-112	S	%REC	1	3/12/2010 10:01:00 PM
Surr: 4-Bromofluorobenzene	118	75.7-122		%REC	1	3/12/2010 10:01:00 PM
Surr: Dibromofluoromethane	115	64.3-124		%REC	1	3/12/2010 10:01:00 PM
Surr: Toluene-d8	118	74.9-120		%REC	1	3/12/2010 10:01:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-59

Client Sample ID: B6-S-0.5
Collection Date: 3/5/2010 10:30:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
1,1,1-Trichloroethane	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
1,1,2,2-Tetrachloroethane	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
1,1,2-Trichloroethane	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
1,1-Dichloroethane	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
1,1-Dichloroethene	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
1,1-Dichloropropene	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
1,2,3-Trichlorobenzene	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
1,2,3-Trichloropropane	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
1,2,4-Trichlorobenzene	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
1,2,4-Trimethylbenzene	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
1,2-Dibromo-3-chloropropane	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
1,2-Dibromoethane	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
1,2-Dichlorobenzene	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
1,2-Dichloroethane	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
1,2-Dichloropropane	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
1,3,5-Trimethylbenzene	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
1,3-Dichlorobenzene	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
1,3-Dichloropropane	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
1,4-Dichlorobenzene	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
2,2-Dichloropropane	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
2-Butanone	ND	38.6		ug/Kg-dry	1	3/12/2010 10:37:00 PM
2-Chlorotoluene	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
2-Hexanone	ND	19.3		ug/Kg-dry	1	3/12/2010 10:37:00 PM
4-Chlorotoluene	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
4-Isopropyltoluene	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
4-Methyl-2-pentanone	ND	38.6		ug/Kg-dry	1	3/12/2010 10:37:00 PM
Acetone	154	96.4		ug/Kg-dry	1	3/12/2010 10:37:00 PM
Benzene	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
Bromobenzene	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
Bromochloromethane	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
Bromodichloromethane	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
Bromoform	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
Bromomethane	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
Carbon Disulfide	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
Carbon tetrachloride	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
Chlorobenzene	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
Chloroethane	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
Chloroform	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
Chloromethane	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
cis-1,2-Dichloroethene	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-59

Client Sample ID: B6-S-0.5
Collection Date: 3/5/2010 10:30:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
Dibromochloromethane	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
Dibromomethane	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
Dichlorodifluoromethane	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
Ethylbenzene	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
Hexachlorobutadiene	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
Isopropylbenzene	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
m,p-Xylene	ND	19.3		ug/Kg-dry	1	3/12/2010 10:37:00 PM
Methyl tert-butyl ether	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
Methylene Chloride	ND	48.2		ug/Kg-dry	1	3/12/2010 10:37:00 PM
n-Butylbenzene	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
n-Propylbenzene	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
Naphthalene	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
o-Xylene	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
sec-Butylbenzene	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
Styrene	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
tert-Butylbenzene	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
Tetrachloroethene	23.7	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
Toluene	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
trans-1,2-Dichloroethene	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
trans-1,3-Dichloropropene	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
Trichloroethene	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
Trichlorofluoromethane	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
Vinyl Chloride	ND	9.64		ug/Kg-dry	1	3/12/2010 10:37:00 PM
Surr: 1,2-Dichloroethane-d4	117	71.5-112	S	%REC	1	3/12/2010 10:37:00 PM
Surr: 4-Bromofluorobenzene	115	75.7-122		%REC	1	3/12/2010 10:37:00 PM
Surr: Dibromofluoromethane	116	64.3-124		%REC	1	3/12/2010 10:37:00 PM
Surr: Toluene-d8	119	74.9-120		%REC	1	3/12/2010 10:37:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: B6-S-2.5

Lab Order: 1003049

Collection Date: 3/5/2010 10:40:00 AM

Project: URIC / 8006.31.01

Lab ID: 1003049-60

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/24/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-61

Client Sample ID: B6-S-5.0
Collection Date: 3/5/2010 10:50:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
1,1,1-Trichloroethane	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
1,1,2,2-Tetrachloroethane	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
1,1,2-Trichloroethane	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
1,1-Dichloroethane	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
1,1-Dichloroethene	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
1,1-Dichloropropene	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
1,2,3-Trichlorobenzene	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
1,2,3-Trichloropropane	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
1,2,4-Trichlorobenzene	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
1,2,4-Trimethylbenzene	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
1,2-Dibromo-3-chloropropane	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
1,2-Dibromoethane	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
1,2-Dichlorobenzene	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
1,2-Dichloroethane	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
1,2-Dichloropropane	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
1,3,5-Trimethylbenzene	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
1,3-Dichlorobenzene	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
1,3-Dichloropropane	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
1,4-Dichlorobenzene	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
2,2-Dichloropropane	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
2-Butanone	ND	46.0		ug/Kg-dry	1	3/12/2010 11:11:00 PM
2-Chlorotoluene	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
2-Hexanone	ND	23.0		ug/Kg-dry	1	3/12/2010 11:11:00 PM
4-Chlorotoluene	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
4-Isopropyltoluene	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
4-Methyl-2-pentanone	ND	46.0		ug/Kg-dry	1	3/12/2010 11:11:00 PM
Acetone	ND	115		ug/Kg-dry	1	3/12/2010 11:11:00 PM
Benzene	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
Bromobenzene	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
Bromochloromethane	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
Bromodichloromethane	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
Bromoform	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
Bromomethane	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
Carbon Disulfide	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
Carbon tetrachloride	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
Chlorobenzene	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
Chloroethane	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
Chloroform	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
Chloromethane	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
cis-1,2-Dichloroethene	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-61

Client Sample ID: B6-S-5.0
Collection Date: 3/5/2010 10:50:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
Dibromochloromethane	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
Dibromomethane	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
Dichlorodifluoromethane	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
Ethylbenzene	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
Hexachlorobutadiene	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
Isopropylbenzene	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
m,p-Xylene	ND	23.0		ug/Kg-dry	1	3/12/2010 11:11:00 PM
Methyl tert-butyl ether	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
Methylene Chloride	ND	57.4		ug/Kg-dry	1	3/12/2010 11:11:00 PM
n-Butylbenzene	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
n-Propylbenzene	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
Naphthalene	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
o-Xylene	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
sec-Butylbenzene	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
Styrene	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
tert-Butylbenzene	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
Tetrachloroethene	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
Toluene	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
trans-1,2-Dichloroethene	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
trans-1,3-Dichloropropene	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
Trichloroethene	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
Trichlorofluoromethane	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
Vinyl Chloride	ND	11.5		ug/Kg-dry	1	3/12/2010 11:11:00 PM
Surr: 1,2-Dichloroethane-d4	119	71.5-112	S	%REC	1	3/12/2010 11:11:00 PM
Surr: 4-Bromofluorobenzene	118	75.7-122		%REC	1	3/12/2010 11:11:00 PM
Surr: Dibromofluoromethane	118	64.3-124		%REC	1	3/12/2010 11:11:00 PM
Surr: Toluene-d8	116	74.9-120		%REC	1	3/12/2010 11:11:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-62

Client Sample ID: B6-S-12.0
Collection Date: 3/5/2010 11:00:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
1,1,1-Trichloroethane	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
1,1,2,2-Tetrachloroethane	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
1,1,2-Trichloroethane	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
1,1-Dichloroethane	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
1,1-Dichloroethene	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
1,1-Dichloropropene	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
1,2,3-Trichlorobenzene	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
1,2,3-Trichloropropane	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
1,2,4-Trichlorobenzene	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
1,2,4-Trimethylbenzene	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
1,2-Dibromo-3-chloropropane	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
1,2-Dibromoethane	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
1,2-Dichlorobenzene	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
1,2-Dichloroethane	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
1,2-Dichloropropane	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
1,3,5-Trimethylbenzene	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
1,3-Dichlorobenzene	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
1,3-Dichloropropane	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
1,4-Dichlorobenzene	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
2,2-Dichloropropane	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
2-Butanone	ND	45.6		ug/Kg-dry	1	3/17/2010 11:44:00 AM
2-Chlorotoluene	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
2-Hexanone	ND	22.8		ug/Kg-dry	1	3/17/2010 11:44:00 AM
4-Chlorotoluene	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
4-Isopropyltoluene	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
4-Methyl-2-pentanone	ND	45.6		ug/Kg-dry	1	3/17/2010 11:44:00 AM
Acetone	ND	114		ug/Kg-dry	1	3/17/2010 11:44:00 AM
Benzene	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
Bromobenzene	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
Bromochloromethane	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
Bromodichloromethane	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
Bromoform	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
Bromomethane	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
Carbon Disulfide	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
Carbon tetrachloride	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
Chlorobenzene	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
Chloroethane	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
Chloroform	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
Chloromethane	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
cis-1,2-Dichloroethene	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-62

Client Sample ID: B6-S-12.0
Collection Date: 3/5/2010 11:00:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
Dibromochloromethane	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
Dibromomethane	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
Dichlorodifluoromethane	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
Ethylbenzene	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
Hexachlorobutadiene	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
Isopropylbenzene	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
m,p-Xylene	ND	22.8		ug/Kg-dry	1	3/17/2010 11:44:00 AM
Methyl tert-butyl ether	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
Methylene Chloride	ND	57.0		ug/Kg-dry	1	3/17/2010 11:44:00 AM
n-Butylbenzene	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
n-Propylbenzene	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
Naphthalene	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
o-Xylene	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
sec-Butylbenzene	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
Styrene	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
tert-Butylbenzene	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
Tetrachloroethene	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
Toluene	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
trans-1,2-Dichloroethene	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
trans-1,3-Dichloropropene	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
Trichloroethene	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
Trichlorofluoromethane	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
Vinyl Chloride	ND	11.4		ug/Kg-dry	1	3/17/2010 11:44:00 AM
Surr: 1,2-Dichloroethane-d4	123	71.5-112	S	%REC	1	3/17/2010 11:44:00 AM
Surr: 4-Bromofluorobenzene	114	75.7-122		%REC	1	3/17/2010 11:44:00 AM
Surr: Dibromofluoromethane	118	64.3-124		%REC	1	3/17/2010 11:44:00 AM
Surr: Toluene-d8	108	74.9-120		%REC	1	3/17/2010 11:44:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: B6-S-14.5

Lab Order: 1003049

Collection Date: 3/5/2010 11:05:00 AM

Project: URIC / 8006.31.01

Lab ID: 1003049-63

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/24/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-64

Client Sample ID: B6-W-12.0
Collection Date: 3/5/2010 11:10:00 AM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
2-Butanone	ND	10.0		µg/L	1	3/12/2010 6:04:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
2-Hexanone	ND	10.0		µg/L	1	3/12/2010 6:04:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	3/12/2010 6:04:00 PM
Acetone	ND	50.0		µg/L	1	3/12/2010 6:04:00 PM
Acrylonitrile	ND	5.00		µg/L	1	3/12/2010 6:04:00 PM
Benzene	ND	0.300		µg/L	1	3/12/2010 6:04:00 PM
Bromobenzene	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
Bromochloromethane	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
Bromoform	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
Bromomethane	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
Carbon disulfide	ND	2.00		µg/L	1	3/12/2010 6:04:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
Chlorobenzene	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
Chloroethane	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
Chloroform	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
Chloromethane	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-64

Client Sample ID: B6-W-12.0
Collection Date: 3/5/2010 11:10:00 AM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
Dibromomethane	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
Ethylbenzene	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
m,p-Xylene	ND	2.00		µg/L	1	3/12/2010 6:04:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
Methylene chloride	ND	20.0		µg/L	1	3/12/2010 6:04:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
Naphthalene	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
o-Xylene	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
Styrene	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
Tetrachloroethene	1.00	1.00		µg/L	1	3/12/2010 6:04:00 PM
Toluene	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
Trichloroethene	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
Vinyl chloride	ND	1.00		µg/L	1	3/12/2010 6:04:00 PM
Surr: 1,2-Dichloroethane-d4	102	72.2-129		%REC	1	3/12/2010 6:04:00 PM
Surr: 4-Bromofluorobenzene	116	73.5-125		%REC	1	3/12/2010 6:04:00 PM
Surr: Dibromofluoromethane	96.9	58.8-148		%REC	1	3/12/2010 6:04:00 PM
Surr: Toluene-d8	115	79.8-137		%REC	1	3/12/2010 6:04:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-65

Client Sample ID: GP38-S-0.5
Collection Date: 3/5/2010 11:20:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
1,1,1-Trichloroethane	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
1,1,2,2-Tetrachloroethane	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
1,1,2-Trichloroethane	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
1,1-Dichloroethane	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
1,1-Dichloroethene	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
1,1-Dichloropropene	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
1,2,3-Trichlorobenzene	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
1,2,3-Trichloropropane	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
1,2,4-Trichlorobenzene	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
1,2,4-Trimethylbenzene	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
1,2-Dibromo-3-chloropropane	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
1,2-Dibromoethane	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
1,2-Dichlorobenzene	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
1,2-Dichloroethane	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
1,2-Dichloropropane	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
1,3,5-Trimethylbenzene	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
1,3-Dichlorobenzene	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
1,3-Dichloropropane	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
1,4-Dichlorobenzene	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
2,2-Dichloropropane	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
2-Butanone	ND	54.3		ug/Kg-dry	1	3/13/2010 12:21:00 AM
2-Chlorotoluene	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
2-Hexanone	ND	27.2		ug/Kg-dry	1	3/13/2010 12:21:00 AM
4-Chlorotoluene	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
4-Isopropyltoluene	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
4-Methyl-2-pentanone	ND	54.3		ug/Kg-dry	1	3/13/2010 12:21:00 AM
Acetone	275	136		ug/Kg-dry	1	3/13/2010 12:21:00 AM
Benzene	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
Bromobenzene	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
Bromochloromethane	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
Bromodichloromethane	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
Bromoform	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
Bromomethane	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
Carbon Disulfide	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
Carbon tetrachloride	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
Chlorobenzene	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
Chloroethane	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
Chloroform	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
Chloromethane	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
cis-1,2-Dichloroethene	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-65

Client Sample ID: GP38-S-0.5
Collection Date: 3/5/2010 11:20:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
Dibromochloromethane	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
Dibromomethane	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
Dichlorodifluoromethane	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
Ethylbenzene	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
Hexachlorobutadiene	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
Isopropylbenzene	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
m,p-Xylene	ND	27.2		ug/Kg-dry	1	3/13/2010 12:21:00 AM
Methyl tert-butyl ether	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
Methylene Chloride	ND	67.9		ug/Kg-dry	1	3/13/2010 12:21:00 AM
n-Butylbenzene	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
n-Propylbenzene	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
Naphthalene	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
o-Xylene	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
sec-Butylbenzene	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
Styrene	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
tert-Butylbenzene	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
Tetrachloroethene	62.5	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
Toluene	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
trans-1,2-Dichloroethene	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
trans-1,3-Dichloropropene	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
Trichloroethene	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
Trichlorofluoromethane	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
Vinyl Chloride	ND	13.6		ug/Kg-dry	1	3/13/2010 12:21:00 AM
Surr: 1,2-Dichloroethane-d4	133	71.5-112	S	%REC	1	3/13/2010 12:21:00 AM
Surr: 4-Bromofluorobenzene	113	75.7-122		%REC	1	3/13/2010 12:21:00 AM
Surr: Dibromofluoromethane	122	64.3-124		%REC	1	3/13/2010 12:21:00 AM
Surr: Toluene-d8	116	74.9-120		%REC	1	3/13/2010 12:21:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-66

Client Sample ID: GP38-S-2.5
Collection Date: 3/5/2010 11:30:00 AM
Matrix: SOIL

Analyses	Result	Limit Qual Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST		PER CLIENT		Analyst: knt
Hold	Hold		1	3/24/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-67

Client Sample ID: GP60-S-2.5
Collection Date: 3/8/2010 8:34:00 AM
Matrix: SOIL

Analyses	Result	Limit Qual Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST		PER CLIENT		Analyst: knt
Hold	Hold		1	3/24/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-68

Client Sample ID: GP60-S-5.0
Collection Date: 3/8/2010 8:57:00 AM
Matrix: SOIL

Analyses	Result	Limit Qual Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST		PER CLIENT		Analyst: knt
Hold	Hold		1	3/24/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: GP59-S-2.5

Lab Order: 1003049

Collection Date: 3/8/2010 9:18:00 AM

Project: URIC / 8006.31.01

Lab ID: 1003049-69

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/24/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: GP59-S-5.0

Lab Order: 1003049

Collection Date: 3/8/2010 9:28:00 AM

Project: URIC / 8006.31.01

Lab ID: 1003049-70

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/24/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-71

Client Sample ID: B8-S-0.5
Collection Date: 3/8/2010 9:00:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
1,1,1-Trichloroethane	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
1,1,2,2-Tetrachloroethane	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
1,1,2-Trichloroethane	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
1,1-Dichloroethane	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
1,1-Dichloroethene	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
1,1-Dichloropropene	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
1,2,3-Trichlorobenzene	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
1,2,3-Trichloropropane	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
1,2,4-Trichlorobenzene	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
1,2,4-Trimethylbenzene	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
1,2-Dibromo-3-chloropropane	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
1,2-Dibromoethane	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
1,2-Dichlorobenzene	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
1,2-Dichloroethane	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
1,2-Dichloropropane	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
1,3,5-Trimethylbenzene	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
1,3-Dichlorobenzene	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
1,3-Dichloropropane	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
1,4-Dichlorobenzene	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
2,2-Dichloropropane	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
2-Butanone	ND	38.5		ug/Kg-dry	1	3/22/2010 1:03:00 PM
2-Chlorotoluene	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
2-Hexanone	19.9	19.3		ug/Kg-dry	1	3/22/2010 1:03:00 PM
4-Chlorotoluene	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
4-Isopropyltoluene	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
4-Methyl-2-pentanone	ND	38.5		ug/Kg-dry	1	3/22/2010 1:03:00 PM
Acetone	248	96.3		ug/Kg-dry	1	3/22/2010 1:03:00 PM
Benzene	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
Bromobenzene	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
Bromochloromethane	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
Bromodichloromethane	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
Bromoform	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
Bromomethane	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
Carbon Disulfide	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
Carbon tetrachloride	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
Chlorobenzene	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
Chloroethane	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
Chloroform	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
Chloromethane	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
cis-1,2-Dichloroethene	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-71

Client Sample ID: B8-S-0.5
Collection Date: 3/8/2010 9:00:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
Dibromochloromethane	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
Dibromomethane	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
Dichlorodifluoromethane	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
Ethylbenzene	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
Hexachlorobutadiene	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
Isopropylbenzene	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
m,p-Xylene	ND	19.3		ug/Kg-dry	1	3/22/2010 1:03:00 PM
Methyl tert-butyl ether	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
Methylene Chloride	ND	48.1		ug/Kg-dry	1	3/22/2010 1:03:00 PM
n-Butylbenzene	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
n-Propylbenzene	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
Naphthalene	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
o-Xylene	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
sec-Butylbenzene	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
Styrene	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
tert-Butylbenzene	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
Tetrachloroethene	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
Toluene	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
trans-1,2-Dichloroethene	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
trans-1,3-Dichloropropene	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
Trichloroethene	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
Trichlorofluoromethane	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
Vinyl Chloride	ND	9.63		ug/Kg-dry	1	3/22/2010 1:03:00 PM
Surr: 1,2-Dichloroethane-d4	121	71.5-112	S	%REC	1	3/22/2010 1:03:00 PM
Surr: 4-Bromofluorobenzene	116	75.7-122		%REC	1	3/22/2010 1:03:00 PM
Surr: Dibromofluoromethane	114	64.3-124		%REC	1	3/22/2010 1:03:00 PM
Surr: Toluene-d8	105	74.9-120		%REC	1	3/22/2010 1:03:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-72

Client Sample ID: B8-S-2.5
Collection Date: 3/8/2010 9:10:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/24/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-73

Client Sample ID: B8-S-5.0
Collection Date: 3/8/2010 9:20:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
1,1,1-Trichloroethane	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
1,1,2,2-Tetrachloroethane	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
1,1,2-Trichloroethane	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
1,1-Dichloroethane	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
1,1-Dichloroethene	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
1,1-Dichloropropene	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
1,2,3-Trichlorobenzene	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
1,2,3-Trichloropropane	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
1,2,4-Trichlorobenzene	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
1,2,4-Trimethylbenzene	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
1,2-Dibromo-3-chloropropane	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
1,2-Dibromoethane	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
1,2-Dichlorobenzene	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
1,2-Dichloroethane	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
1,2-Dichloropropane	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
1,3,5-Trimethylbenzene	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
1,3-Dichlorobenzene	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
1,3-Dichloropropane	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
1,4-Dichlorobenzene	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
2,2-Dichloropropane	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
2-Butanone	ND	38.7		ug/Kg-dry	1	3/22/2010 1:38:00 PM
2-Chlorotoluene	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
2-Hexanone	ND	19.3		ug/Kg-dry	1	3/22/2010 1:38:00 PM
4-Chlorotoluene	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
4-Isopropyltoluene	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
4-Methyl-2-pentanone	ND	38.7		ug/Kg-dry	1	3/22/2010 1:38:00 PM
Acetone	ND	96.7		ug/Kg-dry	1	3/22/2010 1:38:00 PM
Benzene	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
Bromobenzene	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
Bromochloromethane	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
Bromodichloromethane	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
Bromoform	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
Bromomethane	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
Carbon Disulfide	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
Carbon tetrachloride	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
Chlorobenzene	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
Chloroethane	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
Chloroform	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
Chloromethane	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
cis-1,2-Dichloroethene	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-73

Client Sample ID: B8-S-5.0
Collection Date: 3/8/2010 9:20:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
Dibromochloromethane	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
Dibromomethane	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
Dichlorodifluoromethane	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
Ethylbenzene	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
Hexachlorobutadiene	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
Isopropylbenzene	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
m,p-Xylene	ND	19.3		ug/Kg-dry	1	3/22/2010 1:38:00 PM
Methyl tert-butyl ether	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
Methylene Chloride	ND	48.3		ug/Kg-dry	1	3/22/2010 1:38:00 PM
n-Butylbenzene	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
n-Propylbenzene	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
Naphthalene	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
o-Xylene	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
sec-Butylbenzene	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
Styrene	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
tert-Butylbenzene	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
Tetrachloroethene	15.3	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
Toluene	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
trans-1,2-Dichloroethene	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
trans-1,3-Dichloropropene	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
Trichloroethene	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
Trichlorofluoromethane	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
Vinyl Chloride	ND	9.67		ug/Kg-dry	1	3/22/2010 1:38:00 PM
Surr: 1,2-Dichloroethane-d4	120	71.5-112	S	%REC	1	3/22/2010 1:38:00 PM
Surr: 4-Bromofluorobenzene	115	75.7-122		%REC	1	3/22/2010 1:38:00 PM
Surr: Dibromofluoromethane	112	64.3-124		%REC	1	3/22/2010 1:38:00 PM
Surr: Toluene-d8	107	74.9-120		%REC	1	3/22/2010 1:38:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-74

Client Sample ID: B8-S-14.5
Collection Date: 3/8/2010 9:30:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
1,1,1-Trichloroethane	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
1,1,2,2-Tetrachloroethane	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
1,1,2-Trichloroethane	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
1,1-Dichloroethane	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
1,1-Dichloroethene	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
1,1-Dichloropropene	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
1,2,3-Trichlorobenzene	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
1,2,3-Trichloropropane	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
1,2,4-Trichlorobenzene	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
1,2,4-Trimethylbenzene	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
1,2-Dibromo-3-chloropropane	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
1,2-Dibromoethane	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
1,2-Dichlorobenzene	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
1,2-Dichloroethane	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
1,2-Dichloropropane	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
1,3,5-Trimethylbenzene	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
1,3-Dichlorobenzene	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
1,3-Dichloropropane	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
1,4-Dichlorobenzene	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
2,2-Dichloropropane	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
2-Butanone	ND	196	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
2-Chlorotoluene	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
2-Hexanone	ND	97.8	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
4-Chlorotoluene	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
4-Isopropyltoluene	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
4-Methyl-2-pentanone	ND	196	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
Acetone	ND	489	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
Benzene	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
Bromobenzene	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
Bromochloromethane	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
Bromodichloromethane	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
Bromoform	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
Bromomethane	57.3	48.9		ug/Kg-dry	5	3/17/2010 2:39:00 PM
Carbon Disulfide	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
Carbon tetrachloride	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
Chlorobenzene	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
Chloroethane	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
Chloroform	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
Chloromethane	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
cis-1,2-Dichloroethene	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-74

Client Sample ID: B8-S-14.5
Collection Date: 3/8/2010 9:30:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B		Analyst: kmn		
cis-1,3-Dichloropropene	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
Dibromochloromethane	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
Dibromomethane	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
Dichlorodifluoromethane	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
Ethylbenzene	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
Hexachlorobutadiene	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
Isopropylbenzene	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
m,p-Xylene	ND	97.8	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
Methyl tert-butyl ether	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
Methylene Chloride	ND	244	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
n-Butylbenzene	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
n-Propylbenzene	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
Naphthalene	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
o-Xylene	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
sec-Butylbenzene	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
Styrene	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
tert-Butylbenzene	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
Tetrachloroethene	31400	9910		ug/Kg-dry	1000	3/17/2010 2:05:00 PM
Toluene	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
trans-1,2-Dichloroethene	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
trans-1,3-Dichloropropene	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
Trichloroethene	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
Trichlorofluoromethane	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
Vinyl Chloride	ND	48.9	Q	ug/Kg-dry	5	3/17/2010 2:39:00 PM
Surr: 1,2-Dichloroethane-d4	86.2	71.5-112		%REC	5	3/17/2010 2:39:00 PM
Surr: 4-Bromofluorobenzene	108	75.7-122		%REC	5	3/17/2010 2:39:00 PM
Surr: Dibromofluoromethane	78.2	64.3-124		%REC	5	3/17/2010 2:39:00 PM
Surr: Toluene-d8	113	74.9-120		%REC	5	3/17/2010 2:39:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: B8-S-16.5

Lab Order: 1003049

Collection Date: 3/8/2010 9:40:00 AM

Project: URIC / 8006.31.01

Lab ID: 1003049-75

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
1,1,1-Trichloroethane	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
1,1,2,2-Tetrachloroethane	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
1,1,2-Trichloroethane	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
1,1-Dichloroethane	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
1,1-Dichloroethene	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
1,1-Dichloropropene	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
1,2,3-Trichlorobenzene	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
1,2,3-Trichloropropane	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
1,2,4-Trichlorobenzene	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
1,2,4-Trimethylbenzene	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
1,2-Dibromo-3-chloropropane	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
1,2-Dibromoethane	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
1,2-Dichlorobenzene	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
1,2-Dichloroethane	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
1,2-Dichloropropane	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
1,3,5-Trimethylbenzene	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
1,3-Dichlorobenzene	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
1,3-Dichloropropane	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
1,4-Dichlorobenzene	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
2,2-Dichloropropane	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
2-Butanone	ND	35.2		ug/Kg-dry	1	3/22/2010 2:13:00 PM
2-Chlorotoluene	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
2-Hexanone	ND	17.6		ug/Kg-dry	1	3/22/2010 2:13:00 PM
4-Chlorotoluene	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
4-Isopropyltoluene	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
4-Methyl-2-pentanone	ND	35.2		ug/Kg-dry	1	3/22/2010 2:13:00 PM
Acetone	ND	88.1		ug/Kg-dry	1	3/22/2010 2:13:00 PM
Benzene	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
Bromobenzene	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
Bromochloromethane	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
Bromodichloromethane	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
Bromoform	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
Bromomethane	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
Carbon Disulfide	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
Carbon tetrachloride	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
Chlorobenzene	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
Chloroethane	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
Chloroform	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
Chloromethane	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
cis-1,2-Dichloroethene	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-75

Client Sample ID: B8-S-16.5
Collection Date: 3/8/2010 9:40:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
Dibromochloromethane	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
Dibromomethane	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
Dichlorodifluoromethane	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
Ethylbenzene	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
Hexachlorobutadiene	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
Isopropylbenzene	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
m,p-Xylene	ND	17.6		ug/Kg-dry	1	3/22/2010 2:13:00 PM
Methyl tert-butyl ether	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
Methylene Chloride	ND	44.0		ug/Kg-dry	1	3/22/2010 2:13:00 PM
n-Butylbenzene	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
n-Propylbenzene	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
Naphthalene	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
o-Xylene	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
sec-Butylbenzene	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
Styrene	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
tert-Butylbenzene	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
Tetrachloroethene	4370	924		ug/Kg-dry	100	3/23/2010 11:54:00 AM
Toluene	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
trans-1,2-Dichloroethene	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
trans-1,3-Dichloropropene	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
Trichloroethene	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
Trichlorofluoromethane	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
Vinyl Chloride	ND	8.81		ug/Kg-dry	1	3/22/2010 2:13:00 PM
Surr: 1,2-Dichloroethane-d4	123	71.5-112	S	%REC	1	3/22/2010 2:13:00 PM
Surr: 4-Bromofluorobenzene	116	75.7-122		%REC	1	3/22/2010 2:13:00 PM
Surr: Dibromofluoromethane	114	64.3-124		%REC	1	3/22/2010 2:13:00 PM
Surr: Toluene-d8	107	74.9-120		%REC	1	3/22/2010 2:13:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: GP58-S-3.0

Lab Order: 1003049

Collection Date: 3/8/2010 10:04:00 AM

Project: URIC / 8006.31.01

Lab ID: 1003049-76

Matrix: SOIL

Analyses	Result	Limit Qual Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST		PER CLIENT		Analyst: knt
Hold	Hold		1	3/24/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-77

Client Sample ID: GP58-S-5.0
Collection Date: 3/8/2010 10:10:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/24/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-78

Client Sample ID: GP26-S-5.0
Collection Date: 3/4/2010 1:30:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/24/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-79

Client Sample ID: GP26-S-11.0
Collection Date: 3/4/2010 1:40:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
1,1,1-Trichloroethane	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
1,1,2,2-Tetrachloroethane	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
1,1,2-Trichloroethane	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
1,1-Dichloroethane	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
1,1-Dichloroethene	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
1,1-Dichloropropene	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
1,2,3-Trichlorobenzene	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
1,2,3-Trichloropropane	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
1,2,4-Trichlorobenzene	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
1,2,4-Trimethylbenzene	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
1,2-Dibromo-3-chloropropane	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
1,2-Dibromoethane	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
1,2-Dichlorobenzene	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
1,2-Dichloroethane	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
1,2-Dichloropropane	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
1,3,5-Trimethylbenzene	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
1,3-Dichlorobenzene	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
1,3-Dichloropropane	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
1,4-Dichlorobenzene	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
2,2-Dichloropropane	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
2-Butanone	ND	41.8		ug/Kg-dry	1	3/13/2010 1:31:00 AM
2-Chlorotoluene	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
2-Hexanone	ND	20.9		ug/Kg-dry	1	3/13/2010 1:31:00 AM
4-Chlorotoluene	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
4-Isopropyltoluene	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
4-Methyl-2-pentanone	ND	41.8		ug/Kg-dry	1	3/13/2010 1:31:00 AM
Acetone	ND	105		ug/Kg-dry	1	3/13/2010 1:31:00 AM
Benzene	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
Bromobenzene	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
Bromochloromethane	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
Bromodichloromethane	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
Bromoform	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
Bromomethane	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
Carbon Disulfide	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
Carbon tetrachloride	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
Chlorobenzene	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
Chloroethane	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
Chloroform	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
Chloromethane	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
cis-1,2-Dichloroethene	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: GP26-S-11.0

Lab Order: 1003049

Collection Date: 3/4/2010 1:40:00 PM

Project: URIC / 8006.31.01

Lab ID: 1003049-79

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
Dibromochloromethane	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
Dibromomethane	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
Dichlorodifluoromethane	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
Ethylbenzene	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
Hexachlorobutadiene	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
Isopropylbenzene	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
m,p-Xylene	ND	20.9		ug/Kg-dry	1	3/13/2010 1:31:00 AM
Methyl tert-butyl ether	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
Methylene Chloride	ND	52.3		ug/Kg-dry	1	3/13/2010 1:31:00 AM
n-Butylbenzene	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
n-Propylbenzene	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
Naphthalene	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
o-Xylene	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
sec-Butylbenzene	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
Styrene	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
tert-Butylbenzene	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
Tetrachloroethene	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
Toluene	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
trans-1,2-Dichloroethene	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
trans-1,3-Dichloropropene	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
Trichloroethene	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
Trichlorofluoromethane	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
Vinyl Chloride	ND	10.5		ug/Kg-dry	1	3/13/2010 1:31:00 AM
Surr: 1,2-Dichloroethane-d4	134	71.5-112	S	%REC	1	3/13/2010 1:31:00 AM
Surr: 4-Bromofluorobenzene	120	75.7-122		%REC	1	3/13/2010 1:31:00 AM
Surr: Dibromofluoromethane	122	64.3-124		%REC	1	3/13/2010 1:31:00 AM
Surr: Toluene-d8	115	74.9-120		%REC	1	3/13/2010 1:31:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-80

Client Sample ID: GP26-W-11.0
Collection Date: 3/4/2010 2:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
2-Butanone	ND	10.0		µg/L	1	3/12/2010 6:38:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
2-Hexanone	ND	10.0		µg/L	1	3/12/2010 6:38:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	3/12/2010 6:38:00 PM
Acetone	ND	50.0		µg/L	1	3/12/2010 6:38:00 PM
Acrylonitrile	ND	5.00		µg/L	1	3/12/2010 6:38:00 PM
Benzene	ND	0.300		µg/L	1	3/12/2010 6:38:00 PM
Bromobenzene	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
Bromochloromethane	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
Bromoform	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
Bromomethane	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
Carbon disulfide	ND	2.00		µg/L	1	3/12/2010 6:38:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
Chlorobenzene	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
Chloroethane	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
Chloroform	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
Chloromethane	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-80

Client Sample ID: GP26-W-11.0
Collection Date: 3/4/2010 2:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
Dibromomethane	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
Ethylbenzene	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
m,p-Xylene	ND	2.00		µg/L	1	3/12/2010 6:38:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
Methylene chloride	ND	20.0		µg/L	1	3/12/2010 6:38:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
Naphthalene	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
o-Xylene	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
Styrene	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
Tetrachloroethene	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
Toluene	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
Trichloroethene	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
Vinyl chloride	ND	1.00		µg/L	1	3/12/2010 6:38:00 PM
Surr: 1,2-Dichloroethane-d4	101	72.2-129		%REC	1	3/12/2010 6:38:00 PM
Surr: 4-Bromofluorobenzene	115	73.5-125		%REC	1	3/12/2010 6:38:00 PM
Surr: Dibromofluoromethane	97.3	58.8-148		%REC	1	3/12/2010 6:38:00 PM
Surr: Toluene-d8	115	79.8-137		%REC	1	3/12/2010 6:38:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-81

Client Sample ID: GP25-S-0.5
Collection Date: 3/4/2010 2:20:00 PM
Matrix: SOIL

Analyses	Result	Limit Qual Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST		PER CLIENT		Analyst: knt
Hold	Hold		1	3/24/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-82

Client Sample ID: GP25-S-2.5
Collection Date: 3/4/2010 2:30:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/24/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: GP25-S-5.0

Lab Order: 1003049

Collection Date: 3/4/2010 2:40:00 PM

Project: URIC / 8006.31.01

Lab ID: 1003049-83

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/24/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-84

Client Sample ID: GP25-S-11.5
Collection Date: 3/4/2010 2:50:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS						Analyst: kmn
		SW8260B				
1,1,1,2-Tetrachloroethane	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
1,1,1-Trichloroethane	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
1,1,2,2-Tetrachloroethane	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
1,1,2-Trichloroethane	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
1,1-Dichloroethane	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
1,1-Dichloroethene	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
1,1-Dichloropropene	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
1,2,3-Trichlorobenzene	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
1,2,3-Trichloropropane	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
1,2,4-Trichlorobenzene	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
1,2,4-Trimethylbenzene	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
1,2-Dibromo-3-chloropropane	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
1,2-Dibromoethane	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
1,2-Dichlorobenzene	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
1,2-Dichloroethane	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
1,2-Dichloropropane	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
1,3,5-Trimethylbenzene	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
1,3-Dichlorobenzene	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
1,3-Dichloropropane	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
1,4-Dichlorobenzene	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
2,2-Dichloropropane	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
2-Butanone	ND	43.7		ug/Kg-dry	1	3/17/2010 12:55:00 PM
2-Chlorotoluene	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
2-Hexanone	ND	21.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
4-Chlorotoluene	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
4-Isopropyltoluene	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
4-Methyl-2-pentanone	ND	43.7		ug/Kg-dry	1	3/17/2010 12:55:00 PM
Acetone	ND	109		ug/Kg-dry	1	3/17/2010 12:55:00 PM
Benzene	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
Bromobenzene	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
Bromochloromethane	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
Bromodichloromethane	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
Bromoform	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
Bromomethane	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
Carbon Disulfide	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
Carbon tetrachloride	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
Chlorobenzene	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
Chloroethane	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
Chloroform	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
Chloromethane	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
cis-1,2-Dichloroethene	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: GP25-S-11.5

Lab Order: 1003049

Collection Date: 3/4/2010 2:50:00 PM

Project: URIC / 8006.31.01

Lab ID: 1003049-84

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
Dibromochloromethane	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
Dibromomethane	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
Dichlorodifluoromethane	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
Ethylbenzene	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
Hexachlorobutadiene	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
Isopropylbenzene	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
m,p-Xylene	ND	21.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
Methyl tert-butyl ether	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
Methylene Chloride	ND	54.7		ug/Kg-dry	1	3/17/2010 12:55:00 PM
n-Butylbenzene	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
n-Propylbenzene	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
Naphthalene	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
o-Xylene	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
sec-Butylbenzene	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
Styrene	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
tert-Butylbenzene	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
Tetrachloroethene	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
Toluene	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
trans-1,2-Dichloroethene	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
trans-1,3-Dichloropropene	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
Trichloroethene	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
Trichlorofluoromethane	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
Vinyl Chloride	ND	10.9		ug/Kg-dry	1	3/17/2010 12:55:00 PM
Surr: 1,2-Dichloroethane-d4	120	71.5-112	S	%REC	1	3/17/2010 12:55:00 PM
Surr: 4-Bromofluorobenzene	116	75.7-122		%REC	1	3/17/2010 12:55:00 PM
Surr: Dibromofluoromethane	115	64.3-124		%REC	1	3/17/2010 12:55:00 PM
Surr: Toluene-d8	107	74.9-120		%REC	1	3/17/2010 12:55:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-85

Client Sample ID: GP25-W-11.5
Collection Date: 3/4/2010 3:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
2-Butanone	ND	10.0		µg/L	1	3/12/2010 7:12:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
2-Hexanone	ND	10.0		µg/L	1	3/12/2010 7:12:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	3/12/2010 7:12:00 PM
Acetone	ND	50.0		µg/L	1	3/12/2010 7:12:00 PM
Acrylonitrile	ND	5.00		µg/L	1	3/12/2010 7:12:00 PM
Benzene	ND	0.300		µg/L	1	3/12/2010 7:12:00 PM
Bromobenzene	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
Bromochloromethane	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
Bromoform	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
Bromomethane	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
Carbon disulfide	ND	2.00		µg/L	1	3/12/2010 7:12:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
Chlorobenzene	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
Chloroethane	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
Chloroform	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
Chloromethane	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-85

Client Sample ID: GP25-W-11.5
Collection Date: 3/4/2010 3:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
Dibromomethane	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
Ethylbenzene	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
m,p-Xylene	ND	2.00		µg/L	1	3/12/2010 7:12:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
Methylene chloride	ND	20.0		µg/L	1	3/12/2010 7:12:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
Naphthalene	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
o-Xylene	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
Styrene	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
Tetrachloroethene	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
Toluene	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
Trichloroethene	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
Vinyl chloride	ND	1.00		µg/L	1	3/12/2010 7:12:00 PM
Surr: 1,2-Dichloroethane-d4	101	72.2-129		%REC	1	3/12/2010 7:12:00 PM
Surr: 4-Bromofluorobenzene	116	73.5-125		%REC	1	3/12/2010 7:12:00 PM
Surr: Dibromofluoromethane	94.9	58.8-148		%REC	1	3/12/2010 7:12:00 PM
Surr: Toluene-d8	115	79.8-137		%REC	1	3/12/2010 7:12:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-86

Client Sample ID: GP30-S-0.5
Collection Date: 3/4/2010 3:10:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
1,1,1-Trichloroethane	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
1,1,2,2-Tetrachloroethane	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
1,1,2-Trichloroethane	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
1,1-Dichloroethane	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
1,1-Dichloroethene	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
1,1-Dichloropropene	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
1,2,3-Trichlorobenzene	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
1,2,3-Trichloropropane	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
1,2,4-Trichlorobenzene	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
1,2,4-Trimethylbenzene	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
1,2-Dibromo-3-chloropropane	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
1,2-Dibromoethane	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
1,2-Dichlorobenzene	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
1,2-Dichloroethane	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
1,2-Dichloropropane	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
1,3,5-Trimethylbenzene	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
1,3-Dichlorobenzene	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
1,3-Dichloropropane	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
1,4-Dichlorobenzene	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
2,2-Dichloropropane	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
2-Butanone	ND	35.2		ug/Kg-dry	1	3/13/2010 2:41:00 AM
2-Chlorotoluene	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
2-Hexanone	ND	17.6		ug/Kg-dry	1	3/13/2010 2:41:00 AM
4-Chlorotoluene	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
4-Isopropyltoluene	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
4-Methyl-2-pentanone	ND	35.2		ug/Kg-dry	1	3/13/2010 2:41:00 AM
Acetone	139	88.0		ug/Kg-dry	1	3/13/2010 2:41:00 AM
Benzene	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
Bromobenzene	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
Bromochloromethane	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
Bromodichloromethane	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
Bromoform	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
Bromomethane	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
Carbon Disulfide	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
Carbon tetrachloride	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
Chlorobenzene	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
Chloroethane	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
Chloroform	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
Chloromethane	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
cis-1,2-Dichloroethene	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-86

Client Sample ID: GP30-S-0.5
Collection Date: 3/4/2010 3:10:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
Dibromochloromethane	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
Dibromomethane	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
Dichlorodifluoromethane	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
Ethylbenzene	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
Hexachlorobutadiene	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
Isopropylbenzene	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
m,p-Xylene	ND	17.6		ug/Kg-dry	1	3/13/2010 2:41:00 AM
Methyl tert-butyl ether	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
Methylene Chloride	ND	44.0		ug/Kg-dry	1	3/13/2010 2:41:00 AM
n-Butylbenzene	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
n-Propylbenzene	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
Naphthalene	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
o-Xylene	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
sec-Butylbenzene	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
Styrene	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
tert-Butylbenzene	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
Tetrachloroethene	37.5	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
Toluene	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
trans-1,2-Dichloroethene	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
trans-1,3-Dichloropropene	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
Trichloroethene	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
Trichlorofluoromethane	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
Vinyl Chloride	ND	8.80		ug/Kg-dry	1	3/13/2010 2:41:00 AM
Surr: 1,2-Dichloroethane-d4	131	71.5-112	S	%REC	1	3/13/2010 2:41:00 AM
Surr: 4-Bromofluorobenzene	116	75.7-122		%REC	1	3/13/2010 2:41:00 AM
Surr: Dibromofluoromethane	119	64.3-124		%REC	1	3/13/2010 2:41:00 AM
Surr: Toluene-d8	118	74.9-120		%REC	1	3/13/2010 2:41:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: GP30-S-2.5

Lab Order: 1003049

Collection Date: 3/4/2010 3:20:00 PM

Project: URIC / 8006.31.01

Lab ID: 1003049-87

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/24/2010

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-88

Client Sample ID: GP30-S-5.0
Collection Date: 3/4/2010 3:30:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
1,1,1-Trichloroethane	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
1,1,2,2-Tetrachloroethane	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
1,1,2-Trichloroethane	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
1,1-Dichloroethane	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
1,1-Dichloroethene	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
1,1-Dichloropropene	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
1,2,3-Trichlorobenzene	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
1,2,3-Trichloropropane	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
1,2,4-Trichlorobenzene	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
1,2,4-Trimethylbenzene	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
1,2-Dibromo-3-chloropropane	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
1,2-Dibromoethane	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
1,2-Dichlorobenzene	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
1,2-Dichloroethane	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
1,2-Dichloropropane	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
1,3,5-Trimethylbenzene	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
1,3-Dichlorobenzene	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
1,3-Dichloropropane	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
1,4-Dichlorobenzene	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
2,2-Dichloropropane	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
2-Butanone	ND	39.1		ug/Kg-dry	1	3/13/2010 3:15:00 AM
2-Chlorotoluene	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
2-Hexanone	ND	19.5		ug/Kg-dry	1	3/13/2010 3:15:00 AM
4-Chlorotoluene	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
4-Isopropyltoluene	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
4-Methyl-2-pentanone	ND	39.1		ug/Kg-dry	1	3/13/2010 3:15:00 AM
Acetone	ND	97.7		ug/Kg-dry	1	3/13/2010 3:15:00 AM
Benzene	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
Bromobenzene	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
Bromochloromethane	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
Bromodichloromethane	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
Bromoform	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
Bromomethane	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
Carbon Disulfide	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
Carbon tetrachloride	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
Chlorobenzene	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
Chloroethane	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
Chloroform	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
Chloromethane	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
cis-1,2-Dichloroethene	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-88

Client Sample ID: GP30-S-5.0
Collection Date: 3/4/2010 3:30:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
Dibromochloromethane	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
Dibromomethane	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
Dichlorodifluoromethane	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
Ethylbenzene	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
Hexachlorobutadiene	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
Isopropylbenzene	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
m,p-Xylene	ND	19.5		ug/Kg-dry	1	3/13/2010 3:15:00 AM
Methyl tert-butyl ether	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
Methylene Chloride	ND	48.8		ug/Kg-dry	1	3/13/2010 3:15:00 AM
n-Butylbenzene	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
n-Propylbenzene	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
Naphthalene	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
o-Xylene	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
sec-Butylbenzene	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
Styrene	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
tert-Butylbenzene	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
Tetrachloroethene	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
Toluene	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
trans-1,2-Dichloroethene	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
trans-1,3-Dichloropropene	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
Trichloroethene	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
Trichlorofluoromethane	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
Vinyl Chloride	ND	9.77		ug/Kg-dry	1	3/13/2010 3:15:00 AM
Surr: 1,2-Dichloroethane-d4	133	71.5-112	S	%REC	1	3/13/2010 3:15:00 AM
Surr: 4-Bromofluorobenzene	118	75.7-122		%REC	1	3/13/2010 3:15:00 AM
Surr: Dibromofluoromethane	124	64.3-124		%REC	1	3/13/2010 3:15:00 AM
Surr: Toluene-d8	117	74.9-120		%REC	1	3/13/2010 3:15:00 AM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-89

Client Sample ID: GP30-S-12.0
Collection Date: 3/4/2010 3:40:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
1,1,1-Trichloroethane	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
1,1,2,2-Tetrachloroethane	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
1,1,2-Trichloroethane	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
1,1-Dichloroethane	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
1,1-Dichloroethene	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
1,1-Dichloropropene	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
1,2,3-Trichlorobenzene	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
1,2,3-Trichloropropane	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
1,2,4-Trichlorobenzene	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
1,2,4-Trimethylbenzene	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
1,2-Dibromo-3-chloropropane	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
1,2-Dibromoethane	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
1,2-Dichlorobenzene	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
1,2-Dichloroethane	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
1,2-Dichloropropane	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
1,3,5-Trimethylbenzene	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
1,3-Dichlorobenzene	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
1,3-Dichloropropane	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
1,4-Dichlorobenzene	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
2,2-Dichloropropane	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
2-Butanone	ND	38.2		ug/Kg-dry	1	3/17/2010 6:10:00 PM
2-Chlorotoluene	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
2-Hexanone	ND	19.1		ug/Kg-dry	1	3/17/2010 6:10:00 PM
4-Chlorotoluene	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
4-Isopropyltoluene	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
4-Methyl-2-pentanone	ND	38.2		ug/Kg-dry	1	3/17/2010 6:10:00 PM
Acetone	ND	95.5		ug/Kg-dry	1	3/17/2010 6:10:00 PM
Benzene	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
Bromobenzene	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
Bromochloromethane	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
Bromodichloromethane	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
Bromoform	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
Bromomethane	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
Carbon Disulfide	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
Carbon tetrachloride	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
Chlorobenzene	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
Chloroethane	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
Chloroform	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
Chloromethane	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
cis-1,2-Dichloroethene	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: GP30-S-12.0

Lab Order: 1003049

Collection Date: 3/4/2010 3:40:00 PM

Project: URIC / 8006.31.01

Lab ID: 1003049-89

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
Dibromochloromethane	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
Dibromomethane	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
Dichlorodifluoromethane	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
Ethylbenzene	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
Hexachlorobutadiene	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
Isopropylbenzene	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
m,p-Xylene	ND	19.1		ug/Kg-dry	1	3/17/2010 6:10:00 PM
Methyl tert-butyl ether	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
Methylene Chloride	ND	47.8		ug/Kg-dry	1	3/17/2010 6:10:00 PM
n-Butylbenzene	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
n-Propylbenzene	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
Naphthalene	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
o-Xylene	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
sec-Butylbenzene	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
Styrene	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
tert-Butylbenzene	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
Tetrachloroethene	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
Toluene	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
trans-1,2-Dichloroethene	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
trans-1,3-Dichloropropene	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
Trichloroethene	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
Trichlorofluoromethane	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
Vinyl Chloride	ND	9.55		ug/Kg-dry	1	3/17/2010 6:10:00 PM
Surr: 1,2-Dichloroethane-d4	123	71.5-112	S	%REC	1	3/17/2010 6:10:00 PM
Surr: 4-Bromofluorobenzene	114	75.7-122		%REC	1	3/17/2010 6:10:00 PM
Surr: Dibromofluoromethane	114	64.3-124		%REC	1	3/17/2010 6:10:00 PM
Surr: Toluene-d8	109	74.9-120		%REC	1	3/17/2010 6:10:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-90

Client Sample ID: Trip Blank
Collection Date: 3/4/2010
Matrix: AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
2-Butanone	ND	10.0		µg/L	1	3/11/2010 2:28:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
2-Hexanone	ND	10.0		µg/L	1	3/11/2010 2:28:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	3/11/2010 2:28:00 PM
Acetone	ND	50.0		µg/L	1	3/11/2010 2:28:00 PM
Acrylonitrile	ND	5.00		µg/L	1	3/11/2010 2:28:00 PM
Benzene	ND	0.300		µg/L	1	3/11/2010 2:28:00 PM
Bromobenzene	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
Bromochloromethane	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
Bromoform	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
Bromomethane	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
Carbon disulfide	ND	2.00		µg/L	1	3/11/2010 2:28:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
Chlorobenzene	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
Chloroethane	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
Chloroform	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
Chloromethane	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM

Specialty Analytical

Date: 23-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003049
Project: URIC / 8006.31.01
Lab ID: 1003049-90

Client Sample ID: Trip Blank
Collection Date: 3/4/2010
Matrix: AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
Dibromomethane	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
Ethylbenzene	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
m,p-Xylene	ND	2.00		µg/L	1	3/11/2010 2:28:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
Methylene chloride	ND	20.0		µg/L	1	3/11/2010 2:28:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
Naphthalene	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
o-Xylene	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
Styrene	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
Tetrachloroethene	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
Toluene	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
Trichloroethene	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
Vinyl chloride	ND	1.00		µg/L	1	3/11/2010 2:28:00 PM
Surr: 1,2-Dichloroethane-d4	103	72.2-129		%REC	1	3/11/2010 2:28:00 PM
Surr: 4-Bromofluorobenzene	112	73.5-125		%REC	1	3/11/2010 2:28:00 PM
Surr: Dibromofluoromethane	101	58.8-148		%REC	1	3/11/2010 2:28:00 PM
Surr: Toluene-d8	116	79.8-137		%REC	1	3/11/2010 2:28:00 PM

CLIENT: Maul, Foster & Alongi
Work Order: 1003049
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: MB-25113	SampType: MBLK	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/9/2010	Run ID: 5973J_100311A						
Client ID: ZZZZZ	Batch ID: 25113	TestNo: SW8260B		Analysis Date: 3/11/2010	SeqNo: 662171						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	10.0									
1,1,1-Trichloroethane	ND	10.0									
1,1,2,2-Tetrachloroethane	ND	10.0									
1,1,2-Trichloroethane	ND	10.0									
1,1-Dichloroethane	ND	10.0									
1,1-Dichloroethene	ND	10.0									
1,1-Dichloropropene	ND	10.0									
1,2,3-Trichlorobenzene	2.66	10.0									J
1,2,3-Trichloropropane	ND	10.0									
1,2,4-Trichlorobenzene	2.14	10.0									J
1,2,4-Trimethylbenzene	ND	10.0									
1,2-Dibromo-3-chloropropane	ND	10.0									
1,2-Dibromoethane	ND	10.0									
1,2-Dichlorobenzene	0.7	10.0									J
1,2-Dichloroethane	ND	10.0									
1,2-Dichloropropane	ND	10.0									
1,3,5-Trimethylbenzene	ND	10.0									
1,3-Dichlorobenzene	0.7	10.0									J
1,3-Dichloropropane	ND	10.0									
1,4-Dichlorobenzene	1.61	10.0									J
2,2-Dichloropropane	ND	10.0									
2-Butanone	ND	40.0									
2-Chlorotoluene	ND	10.0									
2-Hexanone	ND	20.0									
4-Chlorotoluene	ND	10.0									
4-Isopropyltoluene	ND	10.0									
4-Methyl-2-pentanone	ND	40.0									
Acetone	13.53	100									J
Benzene	ND	10.0									
Bromobenzene	0.58	10.0									J

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits

CLIENT: Maul, Foster & Alongi
Work Order: 1003049
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: MB-25113	SampType: MBLK	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/9/2010	Run ID: 5973J_100311A						
Client ID: ZZZZZ	Batch ID: 25113	TestNo: SW8260B		Analysis Date: 3/11/2010	SeqNo: 662171						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromochloromethane	ND	10.0									
Bromodichloromethane	ND	10.0									
Bromoform	ND	10.0									
Bromomethane	ND	10.0									
Carbon Disulfide	ND	10.0									
Carbon tetrachloride	ND	10.0									
Chlorobenzene	ND	10.0									
Chloroethane	ND	10.0									
Chloroform	ND	10.0									
Chloromethane	ND	10.0									
cis-1,2-Dichloroethene	ND	10.0									
cis-1,3-Dichloropropene	ND	10.0									
Dibromochloromethane	ND	10.0									
Dibromomethane	ND	10.0									
Dichlorodifluoromethane	ND	10.0									
Ethylbenzene	ND	10.0									
Hexachlorobutadiene	ND	10.0									
Isopropylbenzene	ND	10.0									
m,p-Xylene	ND	20.0									
Methyl tert-butyl ether	ND	10.0									
Methylene Chloride	20.22	50.0									J
n-Butylbenzene	ND	10.0									
n-Propylbenzene	ND	10.0									
Naphthalene	5.47	10.0									J
o-Xylene	ND	10.0									
sec-Butylbenzene	ND	10.0									
Styrene	ND	10.0									
tert-Butylbenzene	ND	10.0									
Tetrachloroethene	ND	10.0									
Toluene	0.86	10.0									J
trans-1,2-Dichloroethene	ND	10.0									

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003049
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: MB-25113	SampType: MBLK	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/9/2010	Run ID: 5973J_100311A						
Client ID: ZZZZZ	Batch ID: 25113	TestNo: SW8260B		Analysis Date: 3/11/2010	SeqNo: 662171						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,3-Dichloropropene	ND	10.0									
Trichloroethene	ND	10.0									
Trichlorofluoromethane	ND	10.0									
Vinyl Chloride	ND	10.0									
Surr: 1,2-Dichloroethane-d4	96.85	0	100	0	96.8	71.5	112	0	0		
Surr: 4-Bromofluorobenzene	104.8	0	100	0	105	75.7	122	0	0		
Surr: Dibromofluoromethane	103.2	0	100	0	103	64.3	124	0	0		
Surr: Toluene-d8	127.3	0	100	0	127	74.9	120	0	0		S

Sample ID: MB-25139	SampType: MBLK	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/12/2010	Run ID: 5973J_100311B						
Client ID: ZZZZZ	Batch ID: 25139	TestNo: SW8260B		Analysis Date: 3/12/2010	SeqNo: 662680						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	10.0									
1,1,1-Trichloroethane	ND	10.0									
1,1,2,2-Tetrachloroethane	ND	10.0									
1,1,2-Trichloroethane	ND	10.0									
1,1-Dichloroethane	ND	10.0									
1,1-Dichloroethene	ND	10.0									
1,1-Dichloropropene	ND	10.0									
1,2,3-Trichlorobenzene	2.33	10.0									J
1,2,3-Trichloropropane	ND	10.0									
1,2,4-Trichlorobenzene	1.5	10.0									J
1,2,4-Trimethylbenzene	ND	10.0									
1,2-Dibromo-3-chloropropane	ND	10.0									
1,2-Dibromoethane	ND	10.0									
1,2-Dichlorobenzene	0.79	10.0									J
1,2-Dichloroethane	ND	10.0									
1,2-Dichloropropane	ND	10.0									
1,3,5-Trimethylbenzene	ND	10.0									
1,3-Dichlorobenzene	ND	10.0									

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003049
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: MB-25139	SampType: MBLK	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/12/2010	Run ID: 5973J_100311B
Client ID: ZZZZZ	Batch ID: 25139	TestNo: SW8260B		Analysis Date: 3/12/2010	SeqNo: 662680

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3-Dichloropropane	ND	10.0									
1,4-Dichlorobenzene	1.49	10.0									J
2,2-Dichloropropane	ND	10.0									
2-Butanone	ND	40.0									
2-Chlorotoluene	ND	10.0									
2-Hexanone	ND	20.0									
4-Chlorotoluene	ND	10.0									
4-Isopropyltoluene	ND	10.0									
4-Methyl-2-pentanone	ND	40.0									
Acetone	10.97	100									J
Benzene	ND	10.0									
Bromobenzene	0.67	10.0									J
Bromochloromethane	ND	10.0									
Bromodichloromethane	ND	10.0									
Bromoform	ND	10.0									
Bromomethane	ND	10.0									
Carbon Disulfide	ND	10.0									
Carbon tetrachloride	ND	10.0									
Chlorobenzene	ND	10.0									
Chloroethane	ND	10.0									
Chloroform	ND	10.0									
Chloromethane	ND	10.0									
cis-1,2-Dichloroethene	ND	10.0									
cis-1,3-Dichloropropene	ND	10.0									
Dibromochloromethane	ND	10.0									
Dibromomethane	ND	10.0									
Dichlorodifluoromethane	ND	10.0									
Ethylbenzene	ND	10.0									
Hexachlorobutadiene	ND	10.0									
Isopropylbenzene	ND	10.0									
m,p-Xylene	ND	20.0									

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003049
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: MB-25139		SampType: MBLK		TestCode: 8260_5035		Units: ug/Kg		Prep Date: 3/12/2010		Run ID: 5973J_100311B		
Client ID: ZZZZZ		Batch ID: 25139		TestNo: SW8260B				Analysis Date: 3/12/2010		SeqNo: 662680		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Methyl tert-butyl ether	ND	10.0										
Methylene Chloride	18.6	50.0									J	
n-Butylbenzene	ND	10.0										
n-Propylbenzene	ND	10.0										
Naphthalene	3.92	10.0									J	
o-Xylene	ND	10.0										
sec-Butylbenzene	ND	10.0										
Styrene	ND	10.0										
tert-Butylbenzene	ND	10.0										
Tetrachloroethene	ND	10.0										
Toluene	ND	10.0										
trans-1,2-Dichloroethene	ND	10.0										
trans-1,3-Dichloropropene	ND	10.0										
Trichloroethene	ND	10.0										
Trichlorofluoromethane	ND	10.0										
Vinyl Chloride	ND	10.0										
Surr: 1,2-Dichloroethane-d4	110.1	0	100	0	110	71.5	112	0	0			
Surr: 4-Bromofluorobenzene	106.9	0	100	0	107	75.7	122	0	0			
Surr: Dibromofluoromethane	112.7	0	100	0	113	64.3	124	0	0			
Surr: Toluene-d8	123	0	100	0	123	74.9	120	0	0		S	

Sample ID: MB-25158		SampType: MBLK		TestCode: 8260_5035		Units: ug/Kg		Prep Date: 3/17/2010		Run ID: 5973J_100317A		
Client ID: ZZZZZ		Batch ID: 25158		TestNo: SW8260B				Analysis Date: 3/17/2010		SeqNo: 663275		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1,1,2-Tetrachloroethane	ND	10.0										
1,1,1-Trichloroethane	ND	10.0										
1,1,2,2-Tetrachloroethane	ND	10.0										
1,1,2-Trichloroethane	ND	10.0										
1,1-Dichloroethane	ND	10.0										
1,1-Dichloroethene	ND	10.0										

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003049
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: MB-25158	SampType: MBLK	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/17/2010	Run ID: 5973J_100317A						
Client ID: ZZZZZ	Batch ID: 25158	TestNo: SW8260B		Analysis Date: 3/17/2010	SeqNo: 663275						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloropropene	ND	10.0									
1,2,3-Trichlorobenzene	1.12	10.0									J
1,2,3-Trichloropropane	ND	10.0									
1,2,4-Trichlorobenzene	ND	10.0									
1,2,4-Trimethylbenzene	ND	10.0									
1,2-Dibromo-3-chloropropane	ND	10.0									
1,2-Dibromoethane	ND	10.0									
1,2-Dichlorobenzene	ND	10.0									
1,2-Dichloroethane	ND	10.0									
1,2-Dichloropropane	ND	10.0									
1,3,5-Trimethylbenzene	ND	10.0									
1,3-Dichlorobenzene	ND	10.0									
1,3-Dichloropropane	ND	10.0									
1,4-Dichlorobenzene	0.64	10.0									J
2,2-Dichloropropane	ND	10.0									
2-Butanone	5.23	40.0									J
2-Chlorotoluene	ND	10.0									
2-Hexanone	ND	20.0									
4-Chlorotoluene	ND	10.0									
4-Isopropyltoluene	ND	10.0									
4-Methyl-2-pentanone	ND	40.0									
Acetone	23.6	100									J
Benzene	ND	10.0									
Bromobenzene	ND	10.0									
Bromochloromethane	10.64	10.0									
Bromodichloromethane	ND	10.0									
Bromoform	ND	10.0									
Bromomethane	ND	10.0									
Carbon Disulfide	ND	10.0									
Carbon tetrachloride	ND	10.0									
Chlorobenzene	ND	10.0									

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003049
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: MB-25158	SampType: MBLK	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/17/2010	Run ID: 5973J_100317A						
Client ID: ZZZZZ	Batch ID: 25158	TestNo: SW8260B		Analysis Date: 3/17/2010	SeqNo: 663275						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroethane	ND	10.0									
Chloroform	ND	10.0									
Chloromethane	3.16	10.0									J
cis-1,2-Dichloroethene	ND	10.0									
cis-1,3-Dichloropropene	ND	10.0									
Dibromochloromethane	ND	10.0									
Dibromomethane	ND	10.0									
Dichlorodifluoromethane	ND	10.0									
Ethylbenzene	ND	10.0									
Hexachlorobutadiene	ND	10.0									
Isopropylbenzene	ND	10.0									
m,p-Xylene	2.24	20.0									J
Methyl tert-butyl ether	ND	10.0									
Methylene Chloride	19.77	50.0									J
n-Butylbenzene	ND	10.0									
n-Propylbenzene	ND	10.0									
Naphthalene	1.83	10.0									J
o-Xylene	ND	10.0									
sec-Butylbenzene	ND	10.0									
Styrene	ND	10.0									
tert-Butylbenzene	ND	10.0									
Tetrachloroethene	ND	10.0									
Toluene	ND	10.0									
trans-1,2-Dichloroethene	ND	10.0									
trans-1,3-Dichloropropene	ND	10.0									
Trichloroethene	1.67	10.0									J
Trichlorofluoromethane	ND	10.0									
Vinyl Chloride	ND	10.0									
Surr: 1,2-Dichloroethane-d4	125.1	0	100	0	125	71.5	112	0	0		S
Surr: 4-Bromofluorobenzene	94.25	0	100	0	94.2	75.7	122	0	0		
Surr: Dibromofluoromethane	122.6	0	100	0	123	64.3	124	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003049
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: MB-25158	SampType: MBLK	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/17/2010	Run ID: 5973J_100317A						
Client ID: ZZZZZ	Batch ID: 25158	TestNo: SW8260B		Analysis Date: 3/17/2010	SeqNo: 663275						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Toluene-d8	91.12	0	100	0	91.1	74.9	120	0	0		

Sample ID: MB-25203	SampType: MBLK	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/22/2010	Run ID: 5973J_100322A						
Client ID: ZZZZZ	Batch ID: 25203	TestNo: SW8260B		Analysis Date: 3/22/2010	SeqNo: 663871						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	10.0									
1,1,1-Trichloroethane	ND	10.0									
1,1,2,2-Tetrachloroethane	ND	10.0									
1,1,2-Trichloroethane	ND	10.0									
1,1-Dichloroethane	ND	10.0									
1,1-Dichloroethene	ND	10.0									
1,1-Dichloropropene	ND	10.0									
1,2,3-Trichlorobenzene	1.03	10.0									J
1,2,3-Trichloropropane	ND	10.0									
1,2,4-Trichlorobenzene	0.93	10.0									J
1,2,4-Trimethylbenzene	ND	10.0									
1,2-Dibromo-3-chloropropane	ND	10.0									
1,2-Dibromoethane	ND	10.0									
1,2-Dichlorobenzene	ND	10.0									
1,2-Dichloroethane	ND	10.0									
1,2-Dichloropropane	ND	10.0									
1,3,5-Trimethylbenzene	ND	10.0									
1,3-Dichlorobenzene	ND	10.0									
1,3-Dichloropropane	ND	10.0									
1,4-Dichlorobenzene	0.67	10.0									J
2,2-Dichloropropane	ND	10.0									
2-Butanone	ND	40.0									
2-Chlorotoluene	ND	10.0									
2-Hexanone	ND	20.0									
4-Chlorotoluene	ND	10.0									

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003049
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: MB-25203	SampType: MBLK	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/22/2010	Run ID: 5973J_100322A						
Client ID: ZZZZZ	Batch ID: 25203	TestNo: SW8260B		Analysis Date: 3/22/2010	SeqNo: 663871						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Isopropyltoluene	ND	10.0									
4-Methyl-2-pentanone	ND	40.0									
Acetone	16.79	100									J
Benzene	ND	10.0									
Bromobenzene	ND	10.0									
Bromochloromethane	ND	10.0									
Bromodichloromethane	ND	10.0									
Bromoform	ND	10.0									
Bromomethane	ND	10.0									
Carbon Disulfide	ND	10.0									
Carbon tetrachloride	ND	10.0									
Chlorobenzene	ND	10.0									
Chloroethane	ND	10.0									
Chloroform	ND	10.0									
Chloromethane	ND	10.0									
cis-1,2-Dichloroethene	0.9	10.0									J
cis-1,3-Dichloropropene	ND	10.0									
Dibromochloromethane	ND	10.0									
Dibromomethane	ND	10.0									
Dichlorodifluoromethane	ND	10.0									
Ethylbenzene	ND	10.0									
Hexachlorobutadiene	ND	10.0									
Isopropylbenzene	ND	10.0									
m,p-Xylene	ND	20.0									
Methyl tert-butyl ether	ND	10.0									
Methylene Chloride	18.8	50.0									J
n-Butylbenzene	ND	10.0									
n-Propylbenzene	ND	10.0									
Naphthalene	2.72	10.0									J
o-Xylene	ND	10.0									
sec-Butylbenzene	ND	10.0									

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003049
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: MB-25203		SampType: MBLK		TestCode: 8260_5035		Units: ug/Kg		Prep Date: 3/22/2010		Run ID: 5973J_100322A	
Client ID: ZZZZZ		Batch ID: 25203		TestNo: SW8260B				Analysis Date: 3/22/2010		SeqNo: 663871	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Styrene	ND	10.0									
tert-Butylbenzene	ND	10.0									
Tetrachloroethene	ND	10.0									
Toluene	ND	10.0									
trans-1,2-Dichloroethene	ND	10.0									
trans-1,3-Dichloropropene	ND	10.0									
Trichloroethene	ND	10.0									
Trichlorofluoromethane	ND	10.0									
Vinyl Chloride	ND	10.0									
Surr: 1,2-Dichloroethane-d4	93.01	0	100	0	93	71.5	112	0	0		
Surr: 4-Bromofluorobenzene	105.8	0	100	0	106	75.7	122	0	0		
Surr: Dibromofluoromethane	104	0	100	0	104	64.3	124	0	0		
Surr: Toluene-d8	119.7	0	100	0	120	74.9	120	0	0		

Sample ID: LCS-25113		SampType: LCS		TestCode: 8260_5035		Units: ug/Kg		Prep Date: 3/9/2010		Run ID: 5973J_100311A	
Client ID: ZZZZZ		Batch ID: 25113		TestNo: SW8260B				Analysis Date: 3/11/2010		SeqNo: 662169	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	58.32	10.0	60	0	97.2	65.4	133	0	0		
Benzene	66.92	10.0	60	0	112	78	123	0	0		
Chlorobenzene	59.38	10.0	60	0	99	79.5	125	0	0		
Toluene	61.93	10.0	60	0.86	102	77.5	132	0	0		
Trichloroethene	67.66	10.0	60	0	113	72.4	124	0	0		

Sample ID: LCS-25139		SampType: LCS		TestCode: 8260_5035		Units: ug/Kg		Prep Date: 3/12/2010		Run ID: 5973J_100311B	
Client ID: ZZZZZ		Batch ID: 25139		TestNo: SW8260B				Analysis Date: 3/12/2010		SeqNo: 662678	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	66.45	10.0	60	0	111	65.4	133	0	0		
Benzene	68.93	10.0	60	0	115	78	123	0	0		
Chlorobenzene	59.86	10.0	60	0	99.8	79.5	125	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003049
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: LCS-25139	SampType: LCS	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/12/2010	Run ID: 5973J_100311B						
Client ID: ZZZZZ	Batch ID: 25139	TestNo: SW8260B		Analysis Date: 3/12/2010	SeqNo: 662678						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	63.58	10.0	60	0	106	77.5	132	0	0		
Trichloroethene	69.49	10.0	60	0	116	72.4	124	0	0		

Sample ID: LCS-25158	SampType: LCS	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/17/2010	Run ID: 5973J_100317A						
Client ID: ZZZZZ	Batch ID: 25158	TestNo: SW8260B		Analysis Date: 3/17/2010	SeqNo: 663276						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	61.4	10.0	60	0	102	65.4	133	0	0		
Benzene	62.76	10.0	60	0	105	78	123	0	0		
Chlorobenzene	56.3	10.0	60	0	93.8	79.5	125	0	0		
Toluene	55.59	10.0	60	0	92.6	77.5	132	0	0		
Trichloroethene	63.97	10.0	60	0	107	72.4	124	0	0		

Sample ID: LCS-25203	SampType: LCS	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/22/2010	Run ID: 5973J_100322A						
Client ID: ZZZZZ	Batch ID: 25203	TestNo: SW8260B		Analysis Date: 3/22/2010	SeqNo: 663880						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	66.5	10.0	60	0	111	65.4	133	0	0		
Benzene	69.81	10.0	60	0	116	78	123	0	0		
Chlorobenzene	60.15	10.0	60	0	100	79.5	125	0	0		
Toluene	59.32	10.0	60	0	98.9	77.5	132	0	0		
Trichloroethene	70.46	10.0	60	0	117	72.4	124	0	0		

Sample ID: LCSD-25113	SampType: LCSD	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/9/2010	Run ID: 5973J_100311A						
Client ID: ZZZZZ	Batch ID: 25113	TestNo: SW8260B		Analysis Date: 3/11/2010	SeqNo: 662170						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	61.32	10.0	60	0	102	65.4	133	0	0		
Benzene	71.33	10.0	60	0	119	78	123	0	0		
Chlorobenzene	63.26	10.0	60	0	105	79.5	125	0	0		
Toluene	66.25	10.0	60	0	110	77.5	132	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003049
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: LCSD-25113	SampType: LCSD	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/9/2010	Run ID: 5973J_100311A						
Client ID: ZZZZZ	Batch ID: 25113	TestNo: SW8260B		Analysis Date: 3/11/2010	SeqNo: 662170						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	71.92	10.0	60	0	120	72.4	124	0	0		

Sample ID: LCSD-25139	SampType: LCSD	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/12/2010	Run ID: 5973J_100311B						
Client ID: ZZZZZ	Batch ID: 25139	TestNo: SW8260B		Analysis Date: 3/12/2010	SeqNo: 662679						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	66.49	10.0	60	0	111	65.4	133	0	0		
Benzene	68.52	10.0	60	0	114	78	123	0	0		
Chlorobenzene	60.77	10.0	60	0	101	79.5	125	0	0		
Toluene	63.68	10.0	60	0	106	77.5	132	0	0		
Trichloroethene	70.31	10.0	60	0	117	72.4	124	0	0		

Sample ID: LCSD-25158	SampType: LCSD	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/17/2010	Run ID: 5973J_100317A						
Client ID: ZZZZZ	Batch ID: 25158	TestNo: SW8260B		Analysis Date: 3/17/2010	SeqNo: 663277						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	64.24	10.0	60	0	107	65.4	133	64.24	0	20	
Benzene	66.64	10.0	60	0	111	78	123	66.64	0	20	
Chlorobenzene	61.37	10.0	60	0	102	79.5	125	61.37	0	20	
Toluene	61	10.0	60	0	102	77.5	132	61	0	20	
Trichloroethene	67.65	10.0	60	0	113	72.4	124	67.65	0	20	

Sample ID: LCSD-25203	SampType: LCSD	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/22/2010	Run ID: 5973J_100322A						
Client ID: ZZZZZ	Batch ID: 25203	TestNo: SW8260B		Analysis Date: 3/22/2010	SeqNo: 663881						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	66.94	10.0	60	0	112	65.4	133	66.5	0.659	20	
Benzene	69.58	10.0	60	0	116	78	123	69.81	0.330	20	
Chlorobenzene	60.78	10.0	60	0	101	79.5	125	60.15	1.04	20	
Toluene	60.52	10.0	60	0	101	77.5	132	59.32	2.00	20	
Trichloroethene	70.36	10.0	60	0	117	72.4	124	70.46	0.142	20	

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits

CLIENT: Maul, Foster & Alongi
Work Order: 1003049
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: CCB-25113	SampType: CCB	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/9/2010	Run ID: 5973J_100311A						
Client ID: ZZZZZ	Batch ID: 25113	TestNo: SW8260B		Analysis Date: 3/12/2010	SeqNo: 662188						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	10.0	0	0	0	0	0	0	0	0	
1,1,1-Trichloroethane	ND	10.0	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	ND	10.0	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	ND	10.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	ND	10.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	ND	10.0	0	0	0	0	0	0	0	0	
1,1-Dichloropropene	ND	10.0	0	0	0	0	0	0	0	0	
1,2,3-Trichlorobenzene	1.55	10.0	0	0	0	0	0	0	0	0	
1,2,3-Trichloropropane	ND	10.0	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	1.32	10.0	0	0	0	0	0	0	0	0	
1,2,4-Trimethylbenzene	0.26	10.0	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	ND	10.0	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	ND	10.0	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	0.57	10.0	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	ND	10.0	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	ND	10.0	0	0	0	0	0	0	0	0	
1,3,5-Trimethylbenzene	ND	10.0	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	0.43	10.0	0	0	0	0	0	0	0	0	
1,3-Dichloropropane	ND	10.0	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	1.1	10.0	0	0	0	0	0	0	0	0	
2,2-Dichloropropane	ND	10.0	0	0	0	0	0	0	0	0	
2-Butanone	ND	40.0	0	0	0	0	0	0	0	0	
2-Chlorotoluene	ND	10.0	0	0	0	0	0	0	0	0	
2-Hexanone	ND	20.0	0	0	0	0	0	0	0	0	
4-Chlorotoluene	0.36	10.0	0	0	0	0	0	0	0	0	
4-Isopropyltoluene	ND	10.0	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	ND	40.0	0	0	0	0	0	0	0	0	
Acetone	15.19	100	0	0	0	0	0	0	0	0	
Benzene	ND	10.0	0	0	0	0	0	0	0	0	
Bromobenzene	ND	10.0	0	0	0	0	0	0	0	0	
Bromochloromethane	ND	10.0	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003049
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: CCB-25113	SampType: CCB	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/9/2010	Run ID: 5973J_100311A						
Client ID: ZZZZZ	Batch ID: 25113	TestNo: SW8260B		Analysis Date: 3/12/2010	SeqNo: 662188						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromodichloromethane	ND	10.0	0	0	0	0	0	0	0	0	
Bromoform	ND	10.0	0	0	0	0	0	0	0	0	
Bromomethane	ND	10.0	0	0	0	0	0	0	0	0	
Carbon Disulfide	ND	10.0	0	0	0	0	0	0	0	0	
Carbon tetrachloride	ND	10.0	0	0	0	0	0	0	0	0	
Chlorobenzene	0.31	10.0	0	0	0	0	0	0	0	0	
Chloroethane	ND	10.0	0	0	0	0	0	0	0	0	
Chloroform	ND	10.0	0	0	0	0	0	0	0	0	
Chloromethane	ND	10.0	0	0	0	0	0	0	0	0	
cis-1,2-Dichloroethene	ND	10.0	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	ND	10.0	0	0	0	0	0	0	0	0	
Dibromochloromethane	ND	10.0	0	0	0	0	0	0	0	0	
Dibromomethane	ND	10.0	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	ND	10.0	0	0	0	0	0	0	0	0	
Ethylbenzene	0.32	10.0	0	0	0	0	0	0	0	0	
Hexachlorobutadiene	ND	10.0	0	0	0	0	0	0	0	0	
Isopropylbenzene	ND	10.0	0	0	0	0	0	0	0	0	
m,p-Xylene	0.55	20.0	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	ND	10.0	0	0	0	0	0	0	0	0	
Methylene Chloride	19.56	50.0	0	0	0	0	0	0	0	0	
n-Butylbenzene	0.53	10.0	0	0	0	0	0	0	0	0	
n-Propylbenzene	0.31	10.0	0	0	0	0	0	0	0	0	
Naphthalene	3.6	10.0	0	0	0	0	0	0	0	0	
o-Xylene	0.18	10.0	0	0	0	0	0	0	0	0	
sec-Butylbenzene	0.15	10.0	0	0	0	0	0	0	0	0	
Styrene	ND	10.0	0	0	0	0	0	0	0	0	
tert-Butylbenzene	ND	10.0	0	0	0	0	0	0	0	0	
Tetrachloroethene	ND	10.0	0	0	0	0	0	0	0	0	
Toluene	0.42	10.0	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	ND	10.0	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	ND	10.0	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003049
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: CCB-25113	SampType: CCB	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/9/2010	Run ID: 5973J_100311A
Client ID: ZZZZZ	Batch ID: 25113	TestNo: SW8260B		Analysis Date: 3/12/2010	SeqNo: 662188

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	ND	10.0	0	0	0	0	0	0	0		
Trichlorofluoromethane	ND	10.0	0	0	0	0	0	0	0		
Vinyl Chloride	ND	10.0	0	0	0	0	0	0	0		
Surr: 1,2-Dichloroethane-d4	115.5	0	100	0	115	71.5	112	0	0		S
Surr: 4-Bromofluorobenzene	109.5	0	100	0	109	75.7	122	0	0		
Surr: Dibromofluoromethane	115.4	0	100	0	115	64.3	124	0	0		
Surr: Toluene-d8	121.8	0	100	0	122	74.9	120	0	0		S

Sample ID: CCB-25139	SampType: CCB	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/12/2010	Run ID: 5973J_100311B
Client ID: ZZZZZ	Batch ID: 25139	TestNo: SW8260B		Analysis Date: 3/12/2010	SeqNo: 662671

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	10.0	0	0	0	0	0	0	0		
1,1,1-Trichloroethane	ND	10.0	0	0	0	0	0	0	0		
1,1,2,2-Tetrachloroethane	ND	10.0	0	0	0	0	0	0	0		
1,1,2-Trichloroethane	ND	10.0	0	0	0	0	0	0	0		
1,1-Dichloroethane	ND	10.0	0	0	0	0	0	0	0		
1,1-Dichloroethene	ND	10.0	0	0	0	0	0	0	0		
1,1-Dichloropropene	ND	10.0	0	0	0	0	0	0	0		
1,2,3-Trichlorobenzene	1.55	10.0	0	0	0	0	0	0	0		
1,2,3-Trichloropropane	ND	10.0	0	0	0	0	0	0	0		
1,2,4-Trichlorobenzene	1.32	10.0	0	0	0	0	0	0	0		
1,2,4-Trimethylbenzene	0.26	10.0	0	0	0	0	0	0	0		
1,2-Dibromo-3-chloropropane	ND	10.0	0	0	0	0	0	0	0		
1,2-Dibromoethane	ND	10.0	0	0	0	0	0	0	0		
1,2-Dichlorobenzene	0.57	10.0	0	0	0	0	0	0	0		
1,2-Dichloroethane	ND	10.0	0	0	0	0	0	0	0		
1,2-Dichloropropane	ND	10.0	0	0	0	0	0	0	0		
1,3,5-Trimethylbenzene	ND	10.0	0	0	0	0	0	0	0		
1,3-Dichlorobenzene	0.43	10.0	0	0	0	0	0	0	0		
1,3-Dichloropropane	ND	10.0	0	0	0	0	0	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003049
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: CCB-25139	SampType: CCB	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/12/2010	Run ID: 5973J_100311B						
Client ID: ZZZZZ	Batch ID: 25139	TestNo: SW8260B		Analysis Date: 3/12/2010	SeqNo: 662671						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	1.1	10.0	0	0	0	0	0	0	0	0	
2,2-Dichloropropane	ND	10.0	0	0	0	0	0	0	0	0	
2-Butanone	ND	40.0	0	0	0	0	0	0	0	0	
2-Chlorotoluene	ND	10.0	0	0	0	0	0	0	0	0	
2-Hexanone	ND	20.0	0	0	0	0	0	0	0	0	
4-Chlorotoluene	0.36	10.0	0	0	0	0	0	0	0	0	
4-Isopropyltoluene	ND	10.0	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	ND	40.0	0	0	0	0	0	0	0	0	
Acetone	15.19	100	0	0	0	0	0	0	0	0	
Benzene	ND	10.0	0	0	0	0	0	0	0	0	
Bromobenzene	ND	10.0	0	0	0	0	0	0	0	0	
Bromochloromethane	ND	10.0	0	0	0	0	0	0	0	0	
Bromodichloromethane	ND	10.0	0	0	0	0	0	0	0	0	
Bromoform	ND	10.0	0	0	0	0	0	0	0	0	
Bromomethane	ND	10.0	0	0	0	0	0	0	0	0	
Carbon Disulfide	ND	10.0	0	0	0	0	0	0	0	0	
Carbon tetrachloride	ND	10.0	0	0	0	0	0	0	0	0	
Chlorobenzene	0.31	10.0	0	0	0	0	0	0	0	0	
Chloroethane	ND	10.0	0	0	0	0	0	0	0	0	
Chloroform	ND	10.0	0	0	0	0	0	0	0	0	
Chloromethane	ND	10.0	0	0	0	0	0	0	0	0	
cis-1,2-Dichloroethene	ND	10.0	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	ND	10.0	0	0	0	0	0	0	0	0	
Dibromochloromethane	ND	10.0	0	0	0	0	0	0	0	0	
Dibromomethane	ND	10.0	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	ND	10.0	0	0	0	0	0	0	0	0	
Ethylbenzene	0.32	10.0	0	0	0	0	0	0	0	0	
Hexachlorobutadiene	ND	10.0	0	0	0	0	0	0	0	0	
Isopropylbenzene	ND	10.0	0	0	0	0	0	0	0	0	
m,p-Xylene	0.55	20.0	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	ND	10.0	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003049
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: CCB-25139	SampType: CCB	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/12/2010	Run ID: 5973J_100311B						
Client ID: ZZZZZ	Batch ID: 25139	TestNo: SW8260B		Analysis Date: 3/12/2010	SeqNo: 662671						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methylene Chloride	19.56	50.0	0	0	0	0	0	0	0	0	
n-Butylbenzene	0.53	10.0	0	0	0	0	0	0	0	0	
n-Propylbenzene	0.31	10.0	0	0	0	0	0	0	0	0	
Naphthalene	3.6	10.0	0	0	0	0	0	0	0	0	
o-Xylene	0.18	10.0	0	0	0	0	0	0	0	0	
sec-Butylbenzene	0.15	10.0	0	0	0	0	0	0	0	0	
Styrene	ND	10.0	0	0	0	0	0	0	0	0	
tert-Butylbenzene	ND	10.0	0	0	0	0	0	0	0	0	
Tetrachloroethene	ND	10.0	0	0	0	0	0	0	0	0	
Toluene	0.42	10.0	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	ND	10.0	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	ND	10.0	0	0	0	0	0	0	0	0	
Trichloroethene	ND	10.0	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	ND	10.0	0	0	0	0	0	0	0	0	
Vinyl Chloride	ND	10.0	0	0	0	0	0	0	0	0	
Surr: 1,2-Dichloroethane-d4	115.5	0	100	0	115	71.5	112	0	0	0	S
Surr: 4-Bromofluorobenzene	109.5	0	100	0	109	75.7	122	0	0	0	
Surr: Dibromofluoromethane	115.4	0	100	0	115	64.3	124	0	0	0	
Surr: Toluene-d8	121.8	0	100	0	122	74.9	120	0	0	0	S

Sample ID: CCB-25139	SampType: CCB	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/12/2010	Run ID: 5973J_100311B						
Client ID: ZZZZZ	Batch ID: 25139	TestNo: SW8260B		Analysis Date: 3/17/2010	SeqNo: 663181						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	10.0	0	0	0	0	0	0	0	0	
1,1,1-Trichloroethane	ND	10.0	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	ND	10.0	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	ND	10.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	ND	10.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	ND	10.0	0	0	0	0	0	0	0	0	
1,1-Dichloropropene	ND	10.0	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003049
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: CCB-25139	SampType: CCB	TestCode: 8260_5035	Units: ug/Kg		Prep Date: 3/12/2010	Run ID: 5973J_100311B					
Client ID: ZZZZZ	Batch ID: 25139	TestNo: SW8260B			Analysis Date: 3/17/2010	SeqNo: 663181					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,3-Trichlorobenzene	1.12	10.0	0	0	0	0	0	0	0	0	
1,2,3-Trichloropropane	ND	10.0	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	ND	10.0	0	0	0	0	0	0	0	0	
1,2,4-Trimethylbenzene	0.59	10.0	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	ND	10.0	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	ND	10.0	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	ND	10.0	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	ND	10.0	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	ND	10.0	0	0	0	0	0	0	0	0	
1,3,5-Trimethylbenzene	ND	10.0	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	ND	10.0	0	0	0	0	0	0	0	0	
1,3-Dichloropropane	ND	10.0	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	0.64	10.0	0	0	0	0	0	0	0	0	
2,2-Dichloropropane	ND	10.0	0	0	0	0	0	0	0	0	
2-Butanone	5.23	40.0	0	0	0	0	0	0	0	0	
2-Chlorotoluene	ND	10.0	0	0	0	0	0	0	0	0	
2-Hexanone	ND	20.0	0	0	0	0	0	0	0	0	
4-Chlorotoluene	ND	10.0	0	0	0	0	0	0	0	0	
4-Isopropyltoluene	ND	10.0	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	ND	40.0	0	0	0	0	0	0	0	0	
Acetone	23.6	100	0	0	0	0	0	0	0	0	
Benzene	ND	10.0	0	0	0	0	0	0	0	0	
Bromobenzene	ND	10.0	0	0	0	0	0	0	0	0	
Bromochloromethane	10.64	10.0	0	0	0	0	0	0	0	0	
Bromodichloromethane	ND	10.0	0	0	0	0	0	0	0	0	
Bromoform	ND	10.0	0	0	0	0	0	0	0	0	
Bromomethane	0.57	10.0	0	0	0	0	0	0	0	0	
Carbon Disulfide	0.31	10.0	0	0	0	0	0	0	0	0	
Carbon tetrachloride	ND	10.0	0	0	0	0	0	0	0	0	
Chlorobenzene	ND	10.0	0	0	0	0	0	0	0	0	
Chloroethane	ND	10.0	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003049
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: CCB-25139	SampType: CCB	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/12/2010	Run ID: 5973J_100311B						
Client ID: ZZZZZ	Batch ID: 25139	TestNo: SW8260B		Analysis Date: 3/17/2010	SeqNo: 663181						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroform	ND	10.0	0	0	0	0	0	0	0	0	
Chloromethane	3.16	10.0	0	0	0	0	0	0	0	0	
cis-1,2-Dichloroethene	ND	10.0	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	ND	10.0	0	0	0	0	0	0	0	0	
Dibromochloromethane	ND	10.0	0	0	0	0	0	0	0	0	
Dibromomethane	ND	10.0	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	ND	10.0	0	0	0	0	0	0	0	0	
Ethylbenzene	0.63	10.0	0	0	0	0	0	0	0	0	
Hexachlorobutadiene	ND	10.0	0	0	0	0	0	0	0	0	
Isopropylbenzene	ND	10.0	0	0	0	0	0	0	0	0	
m,p-Xylene	2.24	20.0	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	ND	10.0	0	0	0	0	0	0	0	0	
Methylene Chloride	19.77	50.0	0	0	0	0	0	0	0	0	
n-Butylbenzene	ND	10.0	0	0	0	0	0	0	0	0	
n-Propylbenzene	0.29	10.0	0	0	0	0	0	0	0	0	
Naphthalene	1.83	10.0	0	0	0	0	0	0	0	0	
o-Xylene	0.6	10.0	0	0	0	0	0	0	0	0	
sec-Butylbenzene	ND	10.0	0	0	0	0	0	0	0	0	
Styrene	ND	10.0	0	0	0	0	0	0	0	0	
tert-Butylbenzene	ND	10.0	0	0	0	0	0	0	0	0	
Tetrachloroethene	ND	10.0	0	0	0	0	0	0	0	0	
Toluene	0.6	10.0	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	ND	10.0	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	ND	10.0	0	0	0	0	0	0	0	0	
Trichloroethene	1.67	10.0	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	ND	10.0	0	0	0	0	0	0	0	0	
Vinyl Chloride	ND	10.0	0	0	0	0	0	0	0	0	
Surr: 1,2-Dichloroethane-d4	125.1	0	100	0	125	71.5	112	0	0	0	S
Surr: 4-Bromofluorobenzene	94.25	0	100	0	94.2	75.7	122	0	0	0	
Surr: Dibromofluoromethane	122.6	0	100	0	123	64.3	124	0	0	0	
Surr: Toluene-d8	91.12	0	100	0	91.1	74.9	120	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003049
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: CCB-25158	SampType: CCB	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/17/2010	Run ID: 5973J_100317A						
Client ID: ZZZZZ	Batch ID: 25158	TestNo: SW8260B		Analysis Date: 3/18/2010	SeqNo: 663297						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	10.0	0	0	0	0	0	0	0	0	
1,1,1-Trichloroethane	ND	10.0	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	ND	10.0	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	ND	10.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	ND	10.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	ND	10.0	0	0	0	0	0	0	0	0	
1,1-Dichloropropene	ND	10.0	0	0	0	0	0	0	0	0	
1,2,3-Trichlorobenzene	1.23	10.0	0	0	0	0	0	0	0	0	
1,2,3-Trichloropropane	ND	10.0	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	ND	10.0	0	0	0	0	0	0	0	0	
1,2,4-Trimethylbenzene	0.25	10.0	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	ND	10.0	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	ND	10.0	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	ND	10.0	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	ND	10.0	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	ND	10.0	0	0	0	0	0	0	0	0	
1,3,5-Trimethylbenzene	ND	10.0	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	ND	10.0	0	0	0	0	0	0	0	0	
1,3-Dichloropropane	ND	10.0	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	0.74	10.0	0	0	0	0	0	0	0	0	
2,2-Dichloropropane	ND	10.0	0	0	0	0	0	0	0	0	
2-Butanone	ND	40.0	0	0	0	0	0	0	0	0	
2-Chlorotoluene	ND	10.0	0	0	0	0	0	0	0	0	
2-Hexanone	ND	20.0	0	0	0	0	0	0	0	0	
4-Chlorotoluene	ND	10.0	0	0	0	0	0	0	0	0	
4-Isopropyltoluene	ND	10.0	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	ND	40.0	0	0	0	0	0	0	0	0	
Acetone	12.71	100	0	0	0	0	0	0	0	0	
Benzene	ND	10.0	0	0	0	0	0	0	0	0	
Bromobenzene	ND	10.0	0	0	0	0	0	0	0	0	
Bromochloromethane	ND	10.0	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003049
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: CCB-25158	SampType: CCB	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/17/2010	Run ID: 5973J_100317A						
Client ID: ZZZZZ	Batch ID: 25158	TestNo: SW8260B		Analysis Date: 3/18/2010	SeqNo: 663297						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromodichloromethane	ND	10.0	0	0	0	0	0	0	0	0	
Bromoform	ND	10.0	0	0	0	0	0	0	0	0	
Bromomethane	0.63	10.0	0	0	0	0	0	0	0	0	
Carbon Disulfide	ND	10.0	0	0	0	0	0	0	0	0	
Carbon tetrachloride	ND	10.0	0	0	0	0	0	0	0	0	
Chlorobenzene	ND	10.0	0	0	0	0	0	0	0	0	
Chloroethane	ND	10.0	0	0	0	0	0	0	0	0	
Chloroform	ND	10.0	0	0	0	0	0	0	0	0	
Chloromethane	ND	10.0	0	0	0	0	0	0	0	0	
cis-1,2-Dichloroethene	0.96	10.0	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	ND	10.0	0	0	0	0	0	0	0	0	
Dibromochloromethane	ND	10.0	0	0	0	0	0	0	0	0	
Dibromomethane	ND	10.0	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	ND	10.0	0	0	0	0	0	0	0	0	
Ethylbenzene	0.38	10.0	0	0	0	0	0	0	0	0	
Hexachlorobutadiene	ND	10.0	0	0	0	0	0	0	0	0	
Isopropylbenzene	ND	10.0	0	0	0	0	0	0	0	0	
m,p-Xylene	0.83	20.0	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	ND	10.0	0	0	0	0	0	0	0	0	
Methylene Chloride	15.31	50.0	0	0	0	0	0	0	0	0	
n-Butylbenzene	ND	10.0	0	0	0	0	0	0	0	0	
n-Propylbenzene	ND	10.0	0	0	0	0	0	0	0	0	
Naphthalene	3.11	10.0	0	0	0	0	0	0	0	0	
o-Xylene	0.2	10.0	0	0	0	0	0	0	0	0	
sec-Butylbenzene	ND	10.0	0	0	0	0	0	0	0	0	
Styrene	ND	10.0	0	0	0	0	0	0	0	0	
tert-Butylbenzene	ND	10.0	0	0	0	0	0	0	0	0	
Tetrachloroethene	ND	10.0	0	0	0	0	0	0	0	0	
Toluene	0.17	10.0	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	ND	10.0	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	ND	10.0	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003049
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: CCB-25158	SampType: CCB	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/17/2010	Run ID: 5973J_100317A
Client ID: ZZZZZ	Batch ID: 25158	TestNo: SW8260B		Analysis Date: 3/18/2010	SeqNo: 663297

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	ND	10.0	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	ND	10.0	0	0	0	0	0	0	0	0	
Vinyl Chloride	0.65	10.0	0	0	0	0	0	0	0	0	
Surr: 1,2-Dichloroethane-d4	97.95	0	100	0	98	71.5	112	0	0	0	
Surr: 4-Bromofluorobenzene	107.8	0	100	0	108	75.7	122	0	0	0	
Surr: Dibromofluoromethane	107.4	0	100	0	107	64.3	124	0	0	0	
Surr: Toluene-d8	115.9	0	100	0	116	74.9	120	0	0	0	

Sample ID: CCB-25203	SampType: CCB	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/22/2010	Run ID: 5973J_100322A
Client ID: ZZZZZ	Batch ID: 25203	TestNo: SW8260B		Analysis Date: 3/23/2010	SeqNo: 663883

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	10.0	0	0	0	0	0	0	0	0	
1,1,1-Trichloroethane	ND	10.0	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	ND	10.0	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	ND	10.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	ND	10.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	ND	10.0	0	0	0	0	0	0	0	0	
1,1-Dichloropropene	ND	10.0	0	0	0	0	0	0	0	0	
1,2,3-Trichlorobenzene	1.03	10.0	0	0	0	0	0	0	0	0	
1,2,3-Trichloropropane	ND	10.0	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	0.87	10.0	0	0	0	0	0	0	0	0	
1,2,4-Trimethylbenzene	ND	10.0	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	ND	10.0	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	ND	10.0	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	0.29	10.0	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	ND	10.0	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	ND	10.0	0	0	0	0	0	0	0	0	
1,3,5-Trimethylbenzene	ND	10.0	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	0.28	10.0	0	0	0	0	0	0	0	0	
1,3-Dichloropropane	ND	10.0	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

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 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003049
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: CCB-25203	SampType: CCB	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/22/2010	Run ID: 5973J_100322A						
Client ID: ZZZZZ	Batch ID: 25203	TestNo: SW8260B		Analysis Date: 3/23/2010	SeqNo: 663883						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	0.58	10.0	0	0	0	0	0	0	0	0	
2,2-Dichloropropane	ND	10.0	0	0	0	0	0	0	0	0	
2-Butanone	ND	40.0	0	0	0	0	0	0	0	0	
2-Chlorotoluene	ND	10.0	0	0	0	0	0	0	0	0	
2-Hexanone	ND	20.0	0	0	0	0	0	0	0	0	
4-Chlorotoluene	ND	10.0	0	0	0	0	0	0	0	0	
4-Isopropyltoluene	ND	10.0	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	ND	40.0	0	0	0	0	0	0	0	0	
Acetone	12.82	100	0	0	0	0	0	0	0	0	
Benzene	ND	10.0	0	0	0	0	0	0	0	0	
Bromobenzene	ND	10.0	0	0	0	0	0	0	0	0	
Bromochloromethane	ND	10.0	0	0	0	0	0	0	0	0	
Bromodichloromethane	ND	10.0	0	0	0	0	0	0	0	0	
Bromoform	ND	10.0	0	0	0	0	0	0	0	0	
Bromomethane	0.75	10.0	0	0	0	0	0	0	0	0	
Carbon Disulfide	0.26	10.0	0	0	0	0	0	0	0	0	
Carbon tetrachloride	ND	10.0	0	0	0	0	0	0	0	0	
Chlorobenzene	0.17	10.0	0	0	0	0	0	0	0	0	
Chloroethane	ND	10.0	0	0	0	0	0	0	0	0	
Chloroform	ND	10.0	0	0	0	0	0	0	0	0	
Chloromethane	ND	10.0	0	0	0	0	0	0	0	0	
cis-1,2-Dichloroethene	1.01	10.0	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	ND	10.0	0	0	0	0	0	0	0	0	
Dibromochloromethane	ND	10.0	0	0	0	0	0	0	0	0	
Dibromomethane	ND	10.0	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	ND	10.0	0	0	0	0	0	0	0	0	
Ethylbenzene	0.23	10.0	0	0	0	0	0	0	0	0	
Hexachlorobutadiene	ND	10.0	0	0	0	0	0	0	0	0	
Isopropylbenzene	ND	10.0	0	0	0	0	0	0	0	0	
m,p-Xylene	0.32	20.0	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	ND	10.0	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003049
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: CCB-25203		SampType: CCB		TestCode: 8260_5035		Units: ug/Kg		Prep Date: 3/22/2010		Run ID: 5973J_100322A	
Client ID: ZZZZZ		Batch ID: 25203		TestNo: SW8260B		Analysis Date: 3/23/2010		SeqNo: 663883			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methylene Chloride	23.21	50.0	0	0	0	0	0	0	0	0	
n-Butylbenzene	0.22	10.0	0	0	0	0	0	0	0	0	
n-Propylbenzene	0.15	10.0	0	0	0	0	0	0	0	0	
Naphthalene	2.47	10.0	0	0	0	0	0	0	0	0	
o-Xylene	ND	10.0	0	0	0	0	0	0	0	0	
sec-Butylbenzene	ND	10.0	0	0	0	0	0	0	0	0	
Styrene	ND	10.0	0	0	0	0	0	0	0	0	
tert-Butylbenzene	ND	10.0	0	0	0	0	0	0	0	0	
Tetrachloroethene	ND	10.0	0	0	0	0	0	0	0	0	
Toluene	ND	10.0	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	ND	10.0	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	ND	10.0	0	0	0	0	0	0	0	0	
Trichloroethene	ND	10.0	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	ND	10.0	0	0	0	0	0	0	0	0	
Vinyl Chloride	0.53	10.0	0	0	0	0	0	0	0	0	
Surr: 1,2-Dichloroethane-d4	122.8	0	100	0	123	71.5	112	0	0	0	S
Surr: 4-Bromofluorobenzene	111.3	0	100	0	111	75.7	122	0	0	0	
Surr: Dibromofluoromethane	111.1	0	100	0	111	64.3	124	0	0	0	
Surr: Toluene-d8	110.3	0	100	0	110	74.9	120	0	0	0	

Sample ID: CCV-25113		SampType: CCV		TestCode: 8260_5035		Units: ug/Kg		Prep Date: 3/9/2010		Run ID: 5973J_100311A	
Client ID: ZZZZZ		Batch ID: 25113		TestNo: SW8260B		Analysis Date: 3/11/2010		SeqNo: 662168			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	61.3	10.0	60	0	102	80	120	0	0	0	
1,2-Dichloropropane	65.26	10.0	60	0	109	80	120	0	0	0	
Chloroform	60.75	10.0	60	0	101	80	120	0	0	0	
Ethylbenzene	62.1	10.0	60	0	104	80	120	0	0	0	
Toluene	62	10.0	60	0	103	80	120	0	0	0	
Vinyl Chloride	63.45	10.0	60	0	106	80	120	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003049
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: CCV-25113	SampType: CCV	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/9/2010	Run ID: 5973J_100311A						
Client ID: ZZZZZ	Batch ID: 25113	TestNo: SW8260B		Analysis Date: 3/12/2010	SeqNo: 662187						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	70.08	10.0	60	0	117	80	120	0	0		
1,2-Dichloropropane	67.57	10.0	60	0	113	80	120	0	0		
Chloroform	65.28	10.0	60	0	109	80	120	0	0		
Ethylbenzene	66.39	10.0	60	0	111	80	120	0	0		
Toluene	65.49	10.0	60	0	109	80	120	0	0		
Vinyl Chloride	66.7	10.0	60	0	111	80	120	0	0		

Sample ID: CCV-25139	SampType: CCV	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/12/2010	Run ID: 5973J_100311B						
Client ID: ZZZZZ	Batch ID: 25139	TestNo: SW8260B		Analysis Date: 3/12/2010	SeqNo: 662670						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	70.08	10.0	60	0	117	80	120	0	0		
1,2-Dichloropropane	67.57	10.0	60	0	113	80	120	0	0		
Chloroform	65.28	10.0	60	0	109	80	120	0	0		
Ethylbenzene	66.39	10.0	60	0	111	80	120	0	0		
Toluene	65.49	10.0	60	0	109	80	120	0	0		
Vinyl Chloride	66.7	10.0	60	0	111	80	120	0	0		

Sample ID: CCV-25139	SampType: CCV	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/12/2010	Run ID: 5973J_100311B						
Client ID: ZZZZZ	Batch ID: 25139	TestNo: SW8260B		Analysis Date: 3/12/2010	SeqNo: 662677						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	66.96	10.0	60	0	112	80	120	0	0		
1,2-Dichloropropane	64.72	10.0	60	0	108	80	120	0	0		
Chloroform	62.56	10.0	60	0	104	80	120	0	0		
Ethylbenzene	62.8	10.0	60	0	105	80	120	0	0		
Toluene	62.24	10.0	60	0	104	80	120	0	0		
Vinyl Chloride	63.56	10.0	60	0	106	80	120	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003049
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: CCV-25139	SampType: CCV	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/12/2010	Run ID: 5973J_100311B
Client ID: ZZZZZ	Batch ID: 25139	TestNo: SW8260B		Analysis Date: 3/17/2010	SeqNo: 663180

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	63.3	10.0	60	0	106	80	120	0	0		
1,2-Dichloropropane	65.27	10.0	60	0	109	80	120	0	0		
Chloroform	60.06	10.0	60	0	100	80	120	0	0		
Ethylbenzene	58.45	10.0	60	0	97.4	80	120	0	0		
Toluene	55.3	10.0	60	0	92.2	80	120	0	0		
Vinyl Chloride	57.95	10.0	60	0	96.6	80	120	0	0		

Sample ID: CCV-25158	SampType: CCV	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/17/2010	Run ID: 5973J_100317A
Client ID: ZZZZZ	Batch ID: 25158	TestNo: SW8260B		Analysis Date: 3/17/2010	SeqNo: 663274

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	63.3	10.0	60	0	106	80	120	0	0		
1,2-Dichloropropane	65.27	10.0	60	0	109	80	120	0	0		
Chloroform	60.06	10.0	60	0	100	80	120	0	0		
Ethylbenzene	58.45	10.0	60	0	97.4	80	120	0	0		
Toluene	55.3	10.0	60	0	92.2	80	120	0	0		
Vinyl Chloride	57.95	10.0	60	0	96.6	80	120	0	0		

Sample ID: CCV-25158	SampType: CCV	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/17/2010	Run ID: 5973J_100317A
Client ID: ZZZZZ	Batch ID: 25158	TestNo: SW8260B		Analysis Date: 3/18/2010	SeqNo: 663296

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	60.52	10.0	60	0	101	80	120	0	0		
1,2-Dichloropropane	62.56	10.0	60	0	104	80	120	0	0		
Chloroform	58.66	10.0	60	0	97.8	80	120	0	0		
Ethylbenzene	55.95	10.0	60	0	93.2	80	120	0	0		
Toluene	53.11	10.0	60	0	88.5	80	120	0	0		
Vinyl Chloride	49.97	10.0	60	0	83.3	80	120	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003049
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: CCV-25203		SampType: CCV		TestCode: 8260_5035		Units: ug/Kg		Prep Date: 3/22/2010		Run ID: 5973J_100322A	
Client ID: ZZZZZ		Batch ID: 25203		TestNo: SW8260B				Analysis Date: 3/22/2010		SeqNo: 663870	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	66.73	10.0	60	0	111	80	120	0	0		
1,2-Dichloropropane	65.87	10.0	60	0	110	80	120	0	0		
Chloroform	62.56	10.0	60	0	104	80	120	0	0		
Ethylbenzene	60.75	10.0	60	0	101	80	120	0	0		
Toluene	58.25	10.0	60	0	97.1	80	120	0	0		
Vinyl Chloride	62.12	10.0	60	0	104	80	120	0	0		

Sample ID: CCV-25203		SampType: CCV		TestCode: 8260_5035		Units: ug/Kg		Prep Date: 3/22/2010		Run ID: 5973J_100322A	
Client ID: ZZZZZ		Batch ID: 25203		TestNo: SW8260B				Analysis Date: 3/23/2010		SeqNo: 663882	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	68.6	10.0	60	0	114	80	120	0	0		
1,2-Dichloropropane	66.25	10.0	60	0	110	80	120	0	0		
Chloroform	61.82	10.0	60	0	103	80	120	0	0		
Ethylbenzene	60.18	10.0	60	0	100	80	120	0	0		
Toluene	57.76	10.0	60	0	96.3	80	120	0	0		
Vinyl Chloride	58.26	10.0	60	0	97.1	80	120	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003049
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: MB-25134	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date: 3/11/2010	Run ID: 5973L_100311B						
Client ID: ZZZZZ	Batch ID: 25134	TestNo: SW8260B		Analysis Date: 3/11/2010	SeqNo: 662222						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	1.00									
1,1,1-Trichloroethane	ND	1.00									
1,1,2,2-Tetrachloroethane	ND	1.00									
1,1,2-Trichloroethane	ND	1.00									
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,1-Dichloropropene	ND	1.00									
1,2,3-Trichlorobenzene	0.32	1.00									J
1,2,3-Trichloropropane	ND	1.00									
1,2,4-Trichlorobenzene	0.19	1.00									J
1,2,4-Trimethylbenzene	ND	1.00									
1,2-Dibromo-3-chloropropane	ND	1.00									
1,2-Dibromoethane	ND	1.00									
1,2-Dichlorobenzene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
1,2-Dichloropropane	ND	1.00									
1,3,5-Trimethylbenzene	ND	1.00									
1,3-Dichlorobenzene	ND	1.00									
1,3-Dichloropropane	ND	1.00									
1,4-Dichlorobenzene	ND	1.00									
2,2-Dichloropropane	ND	1.00									
2-Butanone	ND	10.0									
2-Chlorotoluene	ND	1.00									
2-Hexanone	ND	10.0									
4-Chlorotoluene	ND	1.00									
4-Isopropyltoluene	ND	1.00									
4-Methyl-2-pentanone	ND	20.0									
Acetone	2.61	50.0									J
Acrylonitrile	ND	5.00									
Benzene	ND	0.300									
Bromobenzene	ND	1.00									

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003049
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: MB-25134	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date: 3/11/2010	Run ID: 5973L_100311B						
Client ID: ZZZZZ	Batch ID: 25134	TestNo: SW8260B		Analysis Date: 3/11/2010	SeqNo: 662222						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromochloromethane	ND	1.00									
Bromodichloromethane	ND	1.00									
Bromoform	ND	1.00									
Bromomethane	ND	1.00									
Carbon disulfide	ND	2.00									
Carbon tetrachloride	ND	1.00									
Chlorobenzene	ND	1.00									
Chloroethane	ND	1.00									
Chloroform	ND	1.00									
Chloromethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
cis-1,3-Dichloropropene	ND	1.00									
Dibromochloromethane	ND	1.00									
Dibromomethane	ND	1.00									
Dichlorodifluoromethane	ND	1.00									
Ethylbenzene	ND	1.00									
Hexachlorobutadiene	ND	1.00									
Isopropylbenzene	ND	1.00									
m,p-Xylene	ND	2.00									
Methyl tert-butyl ether	ND	1.00									
Methylene chloride	5.97	20.0									J
n-Butylbenzene	ND	1.00									
n-Propylbenzene	ND	1.00									
Naphthalene	ND	1.00									
o-Xylene	ND	1.00									
sec-Butylbenzene	ND	1.00									
Styrene	ND	1.00									
tert-Butylbenzene	ND	1.00									
Tetrachloroethene	0.46	1.00									J
Toluene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003049
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: MB-25134	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date: 3/11/2010	Run ID: 5973L_100311B						
Client ID: ZZZZZ	Batch ID: 25134	TestNo: SW8260B		Analysis Date: 3/11/2010	SeqNo: 662222						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,3-Dichloropropene	ND	1.00									
Trichloroethene	ND	1.00									
Trichlorofluoromethane	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	94.62	0	100	0	94.6	72.2	129	0	0		
Surr: 4-Bromofluorobenzene	107.8	0	100	0	108	73.5	125	0	0		
Surr: Dibromofluoromethane	88.18	0	100	0	88.2	58.8	148	0	0		
Surr: Toluene-d8	107	0	100	0	107	79.8	137	0	0		

Sample ID: LCS-25134	SampType: LCS	TestCode: 8260_W	Units: µg/L	Prep Date: 3/11/2010	Run ID: 5973L_100311B						
Client ID: ZZZZZ	Batch ID: 25134	TestNo: SW8260B		Analysis Date: 3/11/2010	SeqNo: 662227						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	35.03	1.00	40	0	87.6	69.9	130	0	0		
Benzene	45.43	0.300	40	0	114	77.9	125	0	0		
Chlorobenzene	39.72	1.00	40	0	99.3	82.5	114	0	0		
Toluene	46.81	1.00	40	0	117	74.6	119	0	0		
Trichloroethene	41.17	1.00	40	0	103	74.7	125	0	0		

Sample ID: 1003038-99AMS	SampType: MS	TestCode: 8260_W	Units: µg/L	Prep Date: 3/11/2010	Run ID: 5973L_100311B						
Client ID: ZZZZZ	Batch ID: 25134	TestNo: SW8260B		Analysis Date: 3/11/2010	SeqNo: 662229						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	38.91	1.00	40	0	97.3	51.4	176	0	0		
Benzene	43.94	0.300	40	0	110	71.5	118	0	0		
Chlorobenzene	38.43	1.00	40	0	96.1	79.8	114	0	0		
Toluene	45.41	1.00	40	0	114	79.6	121	0	0		
Trichloroethene	40.5	1.00	40	0	101	73.6	120	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003049
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: 1003038-99AMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date: 3/11/2010	Run ID: 5973L_100311B						
Client ID: ZZZZZ	Batch ID: 25134	TestNo: SW8260B		Analysis Date: 3/11/2010	SeqNo: 662230						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	37.95	1.00	40	0	94.9	51.4	176	38.91	2.50	20	
Benzene	42.92	0.300	40	0	107	71.5	118	43.94	2.35	20	
Chlorobenzene	38.65	1.00	40	0	96.6	79.8	114	38.43	0.571	20	
Toluene	45.81	1.00	40	0	115	79.6	121	45.41	0.877	20	
Trichloroethene	39.1	1.00	40	0	97.8	73.6	120	40.5	3.52	20	

Sample ID: CCB-25134	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date: 3/11/2010	Run ID: 5973L_100311B						
Client ID: ZZZZZ	Batch ID: 25134	TestNo: SW8260B		Analysis Date: 3/11/2010	SeqNo: 662231						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1,1-Trichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
1,1-Dichloropropene	ND	1.00	0	0	0	0	0	0	0	0	
1,2,3-Trichlorobenzene	0.53	1.00	0	0	0	0	0	0	0	0	
1,2,3-Trichloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	0.33	1.00	0	0	0	0	0	0	0	0	
1,2,4-Trimethylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,3,5-Trimethylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	0.11	1.00	0	0	0	0	0	0	0	0	
1,3-Dichloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
2,2-Dichloropropane	ND	1.00	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

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 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003049
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: CCB-25134	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date: 3/11/2010	Run ID: 5973L_100311B						
Client ID: ZZZZZ	Batch ID: 25134	TestNo: SW8260B		Analysis Date: 3/11/2010	SeqNo: 662231						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Butanone	ND	10.0	0	0	0	0	0	0	0	0	
2-Chlorotoluene	ND	1.00	0	0	0	0	0	0	0	0	
2-Hexanone	0.34	10.0	0	0	0	0	0	0	0	0	
4-Chlorotoluene	ND	1.00	0	0	0	0	0	0	0	0	
4-Isopropyltoluene	ND	1.00	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	ND	20.0	0	0	0	0	0	0	0	0	
Acetone	3.75	50.0	0	0	0	0	0	0	0	0	
Acrylonitrile	ND	5.00	0	0	0	0	0	0	0	0	
Benzene	ND	0.300	0	0	0	0	0	0	0	0	
Bromobenzene	ND	1.00	0	0	0	0	0	0	0	0	
Bromochloromethane	ND	1.00	0	0	0	0	0	0	0	0	
Bromodichloromethane	ND	1.00	0	0	0	0	0	0	0	0	
Bromoform	ND	1.00	0	0	0	0	0	0	0	0	
Bromomethane	0.17	1.00	0	0	0	0	0	0	0	0	
Carbon disulfide	ND	2.00	0	0	0	0	0	0	0	0	
Carbon tetrachloride	ND	1.00	0	0	0	0	0	0	0	0	
Chlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
Chloroethane	ND	1.00	0	0	0	0	0	0	0	0	
Chloroform	ND	1.00	0	0	0	0	0	0	0	0	
Chloromethane	0.21	1.00	0	0	0	0	0	0	0	0	
cis-1,2-Dichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	ND	1.00	0	0	0	0	0	0	0	0	
Dibromochloromethane	ND	1.00	0	0	0	0	0	0	0	0	
Dibromomethane	ND	1.00	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	ND	1.00	0	0	0	0	0	0	0	0	
Ethylbenzene	0.13	1.00	0	0	0	0	0	0	0	0	
Hexachlorobutadiene	0.35	1.00	0	0	0	0	0	0	0	0	
Isopropylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
m,p-Xylene	ND	2.00	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	ND	1.00	0	0	0	0	0	0	0	0	
Methylene chloride	7.59	20.0	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003049
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: CCB-25134	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date: 3/11/2010	Run ID: 5973L_100311B						
Client ID: ZZZZZ	Batch ID: 25134	TestNo: SW8260B		Analysis Date: 3/11/2010	SeqNo: 662231						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
n-Butylbenzene	0.2	1.00	0	0	0	0	0	0	0	0	
n-Propylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
Naphthalene	ND	1.00	0	0	0	0	0	0	0	0	
o-Xylene	ND	1.00	0	0	0	0	0	0	0	0	
sec-Butylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
Styrene	ND	1.00	0	0	0	0	0	0	0	0	
tert-Butylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
Tetrachloroethene	0.33	1.00	0	0	0	0	0	0	0	0	
Toluene	ND	1.00	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	ND	1.00	0	0	0	0	0	0	0	0	
Trichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	ND	1.00	0	0	0	0	0	0	0	0	
Vinyl chloride	ND	1.00	0	0	0	0	0	0	0	0	
Surr: 1,2-Dichloroethane-d4	102	0	100	0	102	72.2	129	0	0	0	
Surr: 4-Bromofluorobenzene	110.9	0	100	0	111	73.5	125	0	0	0	
Surr: Dibromofluoromethane	102.3	0	100	0	102	58.8	148	0	0	0	
Surr: Toluene-d8	115.9	0	100	0	116	79.8	137	0	0	0	

Sample ID: CCB-25134	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date: 3/11/2010	Run ID: 5973L_100311B						
Client ID: ZZZZZ	Batch ID: 25134	TestNo: SW8260B		Analysis Date: 3/12/2010	SeqNo: 662239						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1,1-Trichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
1,1-Dichloropropene	ND	1.00	0	0	0	0	0	0	0	0	
1,2,3-Trichlorobenzene	0.93	1.00	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
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 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003049
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: CCB-25134	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date: 3/11/2010	Run ID: 5973L_100311B						
Client ID: ZZZZZ	Batch ID: 25134	TestNo: SW8260B		Analysis Date: 3/12/2010	SeqNo: 662239						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,3-Trichloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	0.42	1.00	0	0	0	0	0	0	0	0	
1,2,4-Trimethylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	0.1	1.00	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,3,5-Trimethylbenzene	0.69	1.00	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,3-Dichloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
2,2-Dichloropropane	ND	1.00	0	0	0	0	0	0	0	0	
2-Butanone	ND	10.0	0	0	0	0	0	0	0	0	
2-Chlorotoluene	ND	1.00	0	0	0	0	0	0	0	0	
2-Hexanone	0.55	10.0	0	0	0	0	0	0	0	0	
4-Chlorotoluene	ND	1.00	0	0	0	0	0	0	0	0	
4-Isopropyltoluene	ND	1.00	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	ND	20.0	0	0	0	0	0	0	0	0	
Acetone	3.72	50.0	0	0	0	0	0	0	0	0	
Acrylonitrile	ND	5.00	0	0	0	0	0	0	0	0	
Benzene	0.43	0.300	0	0	0	0	0	0	0	0	
Bromobenzene	ND	1.00	0	0	0	0	0	0	0	0	
Bromochloromethane	ND	1.00	0	0	0	0	0	0	0	0	
Bromodichloromethane	ND	1.00	0	0	0	0	0	0	0	0	
Bromoform	ND	1.00	0	0	0	0	0	0	0	0	
Bromomethane	0.15	1.00	0	0	0	0	0	0	0	0	
Carbon disulfide	ND	2.00	0	0	0	0	0	0	0	0	
Carbon tetrachloride	ND	1.00	0	0	0	0	0	0	0	0	
Chlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
Chloroethane	ND	1.00	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003049
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: CCB-25134	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date: 3/11/2010	Run ID: 5973L_100311B						
Client ID: ZZZZZ	Batch ID: 25134	TestNo: SW8260B		Analysis Date: 3/12/2010	SeqNo: 662239						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroform	ND	1.00	0	0	0	0	0	0	0	0	
Chloromethane	0.22	1.00	0	0	0	0	0	0	0	0	
cis-1,2-Dichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	ND	1.00	0	0	0	0	0	0	0	0	
Dibromochloromethane	ND	1.00	0	0	0	0	0	0	0	0	
Dibromomethane	ND	1.00	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	ND	1.00	0	0	0	0	0	0	0	0	
Ethylbenzene	0.35	1.00	0	0	0	0	0	0	0	0	
Hexachlorobutadiene	0.42	1.00	0	0	0	0	0	0	0	0	
Isopropylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
m,p-Xylene	1.52	2.00	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	ND	1.00	0	0	0	0	0	0	0	0	
Methylene chloride	6.42	20.0	0	0	0	0	0	0	0	0	
n-Butylbenzene	0.18	1.00	0	0	0	0	0	0	0	0	
n-Propylbenzene	0.11	1.00	0	0	0	0	0	0	0	0	
Naphthalene	ND	1.00	0	0	0	0	0	0	0	0	
o-Xylene	ND	1.00	0	0	0	0	0	0	0	0	
sec-Butylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
Styrene	0.35	1.00	0	0	0	0	0	0	0	0	
tert-Butylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
Tetrachloroethene	0.22	1.00	0	0	0	0	0	0	0	0	
Toluene	ND	1.00	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	ND	1.00	0	0	0	0	0	0	0	0	
Trichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	ND	1.00	0	0	0	0	0	0	0	0	
Vinyl chloride	ND	1.00	0	0	0	0	0	0	0	0	
Surr: 1,2-Dichloroethane-d4	95.24	0	100	0	95.2	72.2	129	0	0	0	
Surr: 4-Bromofluorobenzene	112.8	0	100	0	113	73.5	125	0	0	0	
Surr: Dibromofluoromethane	88.71	0	100	0	88.7	58.8	148	0	0	0	
Surr: Toluene-d8	109	0	100	0	109	79.8	137	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003049
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: CCV-25134	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date: 3/11/2010	Run ID: 5973L_100311B
Client ID: ZZZZZ	Batch ID: 25134	TestNo: SW8260B		Analysis Date: 3/11/2010	SeqNo: 662221

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	32.49	1.00	40	0	81.2	80	120	0	0		
1,2-Dichloropropane	44.48	1.00	40	0	111	80	120	0	0		
Chloroform	34.52	1.00	40	0	86.3	80	120	0	0		
Ethylbenzene	42	1.00	40	0	105	80	120	0	0		
Toluene	43.22	1.00	40	0	108	80	120	0	0		
Vinyl chloride	37.87	1.00	40	0	94.7	80	120	0	0		

Sample ID: CCV-25134	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date: 3/11/2010	Run ID: 5973L_100311B
Client ID: ZZZZZ	Batch ID: 25134	TestNo: SW8260B		Analysis Date: 3/11/2010	SeqNo: 662228

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	34.5	1.00	40	0	86.2	80	120	0	0		
1,2-Dichloropropane	45.18	1.00	40	0	113	80	120	0	0		
Chloroform	34.87	1.00	40	0	87.2	80	120	0	0		
Ethylbenzene	42.2	1.00	40	0	106	80	120	0	0		
Toluene	43.53	1.00	40	0	109	80	120	0	0		
Vinyl chloride	37.89	1.00	40	0	94.7	80	120	0	0		

Sample ID: CCV-25134	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date: 3/11/2010	Run ID: 5973L_100311B
Client ID: ZZZZZ	Batch ID: 25134	TestNo: SW8260B		Analysis Date: 3/12/2010	SeqNo: 662238

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	41.2	1.00	40	0	103	80	120	0	0		
1,2-Dichloropropane	47.68	1.00	40	0	119	80	120	0	0		
Chloroform	36.64	1.00	40	0	91.6	80	120	0	0		
Ethylbenzene	44.51	1.00	40	0	111	80	120	0	0		
Toluene	47.72	1.00	40	0	119	80	120	0	0		
Vinyl chloride	38.31	1.00	40	0	95.8	80	120	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

KEY TO FLAGS

Rev. May 12, 2010

- A This sample contains a Gasoline Range Organic not identified as a specific hydrocarbon product. The result was quantified against gasoline calibration standards
- A1 This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was quantified against diesel calibration standards.
- A2 This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was quantified against a lube oil calibration standard.
- A3 The result was determined to be Non-Detect based on hydrocarbon pattern recognition. The product was carry-over from another hydrocarbon type.
- A4 The product appears to be aged or degraded diesel.
- B The blank exhibited a positive result great than the reporting limit for this compound.
- CN See Case Narrative.
- D Result is based from a dilution.
- E Result exceeds the calibration range for this compound. The result should be considered as estimate.
- F The positive result for this hydrocarbon is due to single component contamination. The product does not match any hydrocarbon in the fuels library.
- G Result may be biased high due to biogenic interferences. Clean up is recommended.
- H Sample was analyzed outside recommended holding time.
- HT At clients request, samples was analyzed outside of recommended holding time.
- J The result for this analyte is between the MDL and the PQL and should be considered as estimated concentration.
- K Diesel result is biased high due to amount of Oil contained in the sample.
- L Diesel result is biased high due to amount of Gasoline contained in the sample.
- M Oil result is biased high due to amount of Diesel contained in the sample.
- MC Sample concentration is greater than 4x the spiked value, the spiked value is considered insignificant.
- MI Result is outside control limits due to matrix interference.
- MSA Value determined by Method of Standard Addition.
- O Laboratory Control Standard (LCS) exceeded laboratory control limits, but meets CCV criteria. Data meets EPA requirements.
- Q Detection levels elevated due to sample matrix.
- R RPD control limits were exceeded.
- RF Duplicate failed due to result being at or near the method-reporting limit.
- RP Matrix spike values exceed established QC limits; post digestion spike is in control.
- S Recovery is outside control limits.
- SC Closing CCV or LCS exceeded high recovery control limits, but associated samples are non-detect. Data meets EPA requirements.
- * The result for this parameter was greater than the maximum contaminant level of the TCLP regulatory limit.

CHAIN OF CUSTODY RECORD

Specialty Analytical
 11711 SE Capps Road
 Clackamas, OR 97015
 Phone: 503-607-1331
 Fax: 503-607-1336

Contact Person/Project Manager Alan Hughes / Meri Gibson
 Company MFA
 Address 200 NW 19TH, Ste 200
Portland, Oregon
 Phone _____ Fax _____

Project No. 8004.31.01 Project Name URIC
 Project Site Location OR WA Other _____
 Invoice To MFA P.O. No. _____

Collected By: [Signature]
 Signature Justin Pernds
 Printed _____

Signature _____
 Printed _____

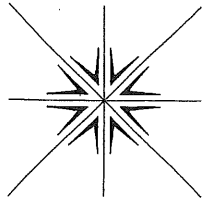
Turn Around Time
 Normal 5-7 Business Days
 Rush _____ Specify _____

Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix	No. of Containers	Analyses	For Laboratory Use	Relinquished By:	Date	Time
3/8	950	B5-W-14.5	W	3	X	Lab Job No. <u>100009</u> Shipped Via <u>Specialty</u> Air Bill No. _____ Temperature On Receipt <u>4</u> °C Specialty Analytical Containers? Y/N Specialty Analytical Trip Blanks? Y/N	Company: <u>[Signature]</u>	3/8/10	1435
	1017	GP29-S-3.0	S	1					
	1024	GP36-S-3.0	S	1					
	1004	GP58-S-3.0	S	1					
	1010	GP58-S-S.0	S	1					
	1100	GP59-S-15.0	S	1	X				
	1030	GP60-S-14.5	S	1	X				
	1040	GP60-W-14.5	W	3	X				
	1120	GP59-W-15.0	W	3	X				
	1108	GP24-S-3.0	S	4	X				
	1140	GP58-S-15.0	S	4	X				
	1200	GP58-W-15.0	W	3	X				
Relinquished By:	Company:	MFA	Company:	Specialty	Company:	Specialty	Relinquished By:	Company:	Specialty
Received By:	Company:	Specialty	Received For Lab By:	Company:	Specialty	Received For Lab By:	Company:	Specialty	Specialty

Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.
 Samples held beyond 60 days subject to storage fee(s)

CHAIN OF CUSTODY RECORD



Specialty Analytical

11711 SE Capps Road
Clackamas, OR 97015
Phone: 503-607-1331
Fax: 503-607-1336

Contact Person/Project Manager Alan Hushes / Men Gibson

Company MFA

Address 2001 NW 15TH Ave, Ste 200

Portland, OR

Phone _____ Fax _____

Project No. 8006.31.01 Project Name URIC

Project Site Location OR WA Other _____

Invoice To MFA P.O. No. _____

Collected By: JPH
Signature _____
Printed Justin Pounds

Signature _____
Printed _____

Turn Around Time _____

- Normal 5-7 Business Days
 Rush _____

Specify _____

Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix	No. of Containers	Analyses		For Laboratory Use				
					hologrammed VCS	SP3SA	Lab Job No.	Lab I.D.			
3/4	1040	GP35-S-0.5	S	4				1003049	13		
	1050	GP35-S-2.5	I	1				Specialty	14		
	1100	GP35-S-5.0	I	1					15		
	1110	GP35-S-14.0	I	1					16		
	1120	GP35-W-14.0	W	3					17		
	1215	GP27-S-0.5	S	7					18		
	1225	GP27-S-2.5	S	4					19		
	1235	GP27-S-5.0	S	4					20		
	1245	GP27-S-12.5	S	4					21		
	1300	GP27-W-12.5	W	3					22		
	1310	GP26-S-0.5	S	4					23		
	1320	GP26-S-2.5	S	4					24		
Relinquished By: <u>JPH</u>				Received By: <u>Fanelli Jervis</u>		Relinquished By: <u>Fanelli Jervis</u>		Date: <u>3/9/10</u>		Time: <u>1435</u>	
Company: <u>MFA</u>				Company: <u>Fanelli Jervis</u>		Company: <u>Fanelli Jervis</u>		Date: <u>3/8/10</u>		Time: <u>1430</u>	

Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.
Samples held beyond 60 days subject to storage fee(s)

CHAIN OF CUSTODY RECORD

Specialty Analytical
 11711 SE Capps Road
 Clackamas, OR 97015
 Phone: 503-607-1331
 Fax: 503-607-1336

Contact Person/Project Manager Alan Hushes / Mev. Gibson
 Company MFA
 Address 2001 NW 19TH Ave, Ste 200
Portland, OR
 Phone _____ Fax _____
 Project No. 5006.31.01 Project Name ORIC
 Project Site Location OR WA Other _____
 Invoice To MFA P.O. No. _____

Collected By: JR
 Signature Justin Pounds
 Printed _____

Signature _____
 Printed _____

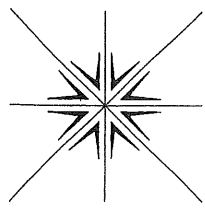
Turn Around Time _____
 Normal 5-7 Business Days
 Rush _____ Specify _____

Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix	No. of Containers	Analyses	For Laboratory Use
3/4/10	1540	GP30-W-12.0	W	3		Lab Job No. <u>1005049</u> Shipped Via <u>SPECIALTY</u> Air Bill No. _____ Temperature On Receipt <u>A</u> °C Specialty Analytical Containers? Y/N Specialty Analytical Trip Blanks? Y/N
	1600	GP31-S-0.5	S	1		Comments <u>75</u>
	1610	GP31-S-2.5	S	1		<u>20</u>
	1620	GP31-S-5.0	S	1		<u>21</u>
	1630	GP31-S-12.0	S	1		<u>28</u>
	1640	GP31-W-12.0	W	3		<u>29</u>
3/5/10	840	GP34-S-0.5	S	1		<u>30</u>
	850	GP34-S-2.5	S	1		<u>31</u>
	900	GP34-S-5.0	S	1		<u>32</u>
	910	GP34-S-12.5	S	1		<u>33</u>
	920	GP34-W-12.5	W	3		<u>34</u>
	1020	GP37-W-12.5	W	3		<u>35</u>
						<u>30</u>
Relinquished By: <u>JR</u> Date <u>3/8/10</u> Time <u>1435</u>				Relinquished By: <u>James Bell</u> Date <u>3/8/10</u> Time <u>1435</u>		
Company: <u>MFA</u>				Company: <u>Specialty</u>		
Received For Lab By: _____ Date <u>3/8/10</u> Time <u>1435</u>				Received For Lab By: <u>Justin Pounds</u> Date <u>3/8/10</u> Time <u>1435</u>		

Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.
 Samples held beyond 60 days subject to storage fee(s)

CHAIN OF CUSTODY RECORD



Specialty Analytical
 11711 SE Capps Road
 Clackamas, OR 97015
 Phone: 503-607-1331
 Fax: 503-607-1336

Contact Person/Project Manager Alan Hughes / Merv Gibson
 Company MFA
 Address 2001 NW 19TH AVE, Ste 200
Portland, OR
 Phone _____ Fax _____
 Project No. 80043101 Project Name URIC
 Project Site Location OR WA X Other _____
 Invoice To MFA P.O. No. _____

Collected By: _____
 Signature [Signature]
 Printed Justin Pounds

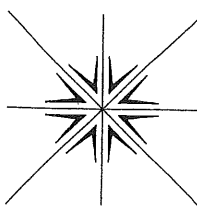
Signature _____
 Printed _____

Turn Around Time _____
 Normal 5-7 Business Days
 Rush _____ Specify _____

Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix	No. of Containers	Analyses										For Laboratory Use											
					1	2	3	4	5	6	7	8	9	10	11	12	Lab Job No.	Shipped Via	Air Bill No.	Temperature On Receipt	Specialty Analytical Containers?	Specialty Analytical Trip Blanks?	Comments	Lab I.D.		
3/5	1140	GP38-S-5.0	S	1														1003041	Specialty		4 °C	Y	N		31	
	1150	GP35-S-12.0	S	1																						38
	1155	GP38-W-12.0	W	1																						39
	1200	GP39-S-0.5	S	1																						40
	1205	GP39-S-2.5	S	1																						41
	1210	GP39-S-5.0	S	1																						42
	1220	GP39-S-12.0	S	1																						43
	1230	GP39-W-12.0	W	3																						44
	1240	GP33-S-0.5	S	4																						45
	1250	GP33-S-2.5	S	4																						46
	1300	GP33-S-5.0	S	4																						47
	1310	GP33-S-12.0	S	4																						48
Relinquished By: <u>[Signature]</u> Date <u>3/5</u> Time <u>1230</u>				Received By: <u>[Signature]</u> Date <u>3/8/10</u> Time <u>1435</u>										Relinquished By: <u>[Signature]</u> Date <u>3/8/10</u> Time <u>1435</u>												
Company: <u>MFA</u>				Company: <u>Specialty</u>										Company: <u>Specialty</u>												
Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt. Samples held beyond 60 days subject to storage fee(s)				Received For Lab By: <u>[Signature]</u> Date <u>3/8/10</u> Time <u>1435</u>										Received For Lab By: <u>[Signature]</u> Date <u>3/8/10</u> Time <u>1435</u>												

CHAIN OF CUSTODY RECORD



Specialty Analytical
 11711 SE Capps Road
 Clackamas, OR 97015
 Phone: 503-607-1331
 Fax: 503-607-1336

Contact Person/Project Manager: Alan Hughes / Mel Gibson

Company: MFA

Address: 2001 NW 17th Ave, Ste 200

Portland, OR

Phone: _____ Fax: _____

Project No. 800631.01 Project Name URK

Project Site Location OR WA Other _____

Invoice To MFA P.O. No. _____

Collected By: JR
 Signature: Justin Pounds
 Printed: _____

Signature: _____
 Printed: _____

Turn Around Time _____
 Normal 5-7 Business Days
 Rush _____ Specify _____

Rush Analyses Must Be Scheduled With The Lab In Advance

Date		Time	Sample I.D.	Matrix	No. of Containers		Analyses		For Laboratory Use						
3/5	1330		GP33-w-12.0	w	3	X	82608 Relinquished VCS 8354	Lab Job No. <u>003049</u> Shipped Via <u>Specialty</u> Air Bill No. _____ Temperature On Receipt <u>4</u> °C Specialty Analytical Containers? <u>Y/N</u> Specialty Analytical Trip Blanks? <u>Y/N</u>	Comments	Lab I.D.	49	Time			
	1340		GP32-S-0.5	S	1	X								50	
	1350		GP32-S-2.5	S	1	X								51	
	1400		GP32-S-5.0	S	1	X								52	
	1410		GP32-S-12.0	S	1	X								53	
	1430		GP32-w-12.0	w	3	X								54	
3/4/10			Trip Blank	w	2	X							90		
Reinquired By: <u>JR</u>		Date	3/5	Time	1230	Reinquired By: <u>Daniel Drenau</u>		Company: <u>Daniel Drenau</u>		Date	3/8/10	Time	1435		
Company: <u>MFA</u>		Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt. Samples held beyond 60 days subject to storage fee(s)		Received For Lab By: <u>Nikki Rippler</u>		Company: <u>Daniel Drenau</u>		Received For Lab By: <u>Nikki Rippler</u>		Date	3/8/10	Time	1435		

CHAIN OF CUSTODY RECORD

Specialty Analytical
 11711 SE Capps Road
 Clackamas, OR 97015
 Phone: 503-607-1331
 Fax: 503-607-1336

Contact Person/Project Manager Alan Hughes / Meri Gibson
 Company MFA
 Address 2001 NW 19TH Ave, Ste 200
Portland, OR
 Phone _____ Fax _____
 Project No. 5006.31.01 Project Name URIK
 Project Site Location OR WA Other _____
 Invoice To MFA P.O. No. _____

Collected By: JR
 Signature _____
 Printed Justin Pennells

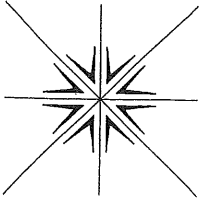
Signature _____
 Printed _____

Turn Around Time _____
 Normal 5-7 Business Days
 Rush _____ Specify _____

Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix	No. of Containers	Analyses	For Laboratory Use	Lab I.D.	Time
3/5	945	GP37-S-0.5	S	4	X Holographed Vec's X 8260B X 5035A	Lab Job No. <u>100504</u> Shipped Via <u>Specialty</u> Air Bill No. _____ Temperature On Receipt <u>4</u> °C Specialty Analytical Containers? Y / N Specialty Analytical Trip Blanks? Y / N	55	Time
	955	GP37-S-2.5					510	1435
	1005	GP37-S-S.0					57	
	1015	GP37-S-12.5					58	
	1030	B6-S-0.5					59	
	1040	B6-S-2.5					60	
	1050	B6-S-S.0					61	
	1100	B6-S-12.0					62	
	1105	B6-S-14.5					63	
	1110	B6-W-17.0					64	
	1120	GP38-S-0.5	S	4			65	
	1130	GP38-S-2.5	S	4			66	
Relinquished By:	Date	Time	Received By:	Company:	Relinquished By:	Company:	Date	Time
<u>JR</u>	3/8	1230	<u>Danville Pennell</u>	MFA	<u>Danville Pennell</u>	<u>Danville Pennell</u>	3/8/16	1435
Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt. Samples held beyond 60 days subject to storage fee(s)			Received For Lab By:		Received For Lab By:		Date	Time
			<u>MFA</u>		<u>Meri Gibson</u>		3/8/10	1435

CHAIN OF CUSTODY RECORD



Specialty Analytical

11711 SE Capps Road
Clackamas, OR 97015
Phone: 503-607-1331
Fax: 503-607-1336

Contact Person/Project Manager Alan Hughes / Meri Gibson
Company MFA
Address 2001 NW 19TH Ave, Ste 200

Phone _____ Fax _____

Project No. 5006-3101 Project Name _____

Project Site Location OR _____ WA Other _____

Invoice To MFA P.O. No. _____

Collected By: JR

Signature: Justin Reynolds

Printed: _____

Signature: _____

Printed: _____

Turn Around Time _____

Normal 5-7 Business Days

Rush _____

Specify _____

Rush Analyses Must Be Scheduled With The Lab In Advance

Date		Time	Sample I.D.	Matrix	Analyses							For Laboratory Use				
3/8	834		GP60-S-2.5	S									Lab Job No. <u>10034</u>			Lab I.D. <u>107</u>
	857		GP60-S-5.0										Shipped Via <u>Specialty</u>			<u>108</u>
	918		GPS9-S-2.5										Air Bill No. _____			<u>109</u>
	928		GPS9-S-5.0										Temperature On Receipt <u>4</u> °C			<u>110</u>
	900		BS-S-0.5										Specialty Analytical Containers? Y/N			<u>111</u>
	910		BS-S-2.5										Specialty Analytical Trip Blanks? Y/N			<u>112</u>
	920		BS-S-5.0										Comments _____			<u>113</u>
	930		BS-S-14.5													<u>114</u>
	940		BS-S-16.5													<u>115</u>
	1004		GPS8-S-3.0													<u>116</u>
	1010		GPS8-S-5.0													<u>117</u>
Relinquished By: <u>MFA</u>													Relinquished By: _____			
Company: _____													Company: <u>Specialty</u>			
													Received For Lab By: _____			
Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.													Received For Lab By: _____			
Samples held beyond 60 days subject to storage fee(s)																

CHAIN OF CUSTODY RECORD

Specialty Analytical

11711 SE Capps Road
Clackamas, OR 97015
Phone: 503-607-1331
Fax: 503-607-1336

Contact Person/Project Manager Alan Hughes / Mzi Gibson
Company MFA

Address 2001 NW 19TH AVE, Ste 200
Portland, OR

Phone _____ Fax _____

Project No. SD06.31.01 Project Name UZIC

Project Site Location OR WA Other _____

Invoice To MFA P.O. No. _____

Collected By: JM
Signature _____
Printed Justin Pounds

Signature _____
Printed _____

Turn Around Time _____

Normal 5-7 Business Days

Rush _____

Specify _____

Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix
3/4	1330	GP26-S-5.0	S
	1340	GP26-S-11.0	S
	1400	GP26-W-11.0	W
	1420	GP25-S-0.5	S
	1430	GP25-S-2.5	S
	1440	GP25-S-5.0	S
	1450	GP25-S-11.5	S
	1500	GP25-W-11.5	W
	1510	GP30-S-0.5	S
	1520	GP30-S-2.5	S
	1536	GP30-S-5.0	S
	1540	GP30-S-12.0	S

Relinquished By: JM
Company: MFA

Received By: Samuel Reno
Company: _____

Time 1230

Date 3/6

Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.
Samples held beyond 60 days subject to storage fee(s)

Analyses		For Laboratory Use	
No. of Containers	Relinquished By:	Lab Job No.	Lab I.D.
4	Company: _____	1005049	178
4	Company: _____	Shipped Via <u>Specialty</u>	179
4	Company: _____	Air Bill No. _____	80
4	Company: _____	Temperature On Receipt <u>4</u> °C	81
4	Company: _____	Specialty Analytical Containers? Y/N	82
4	Company: _____	Specialty Analytical Trip Blanks? Y/N	83
4	Company: _____	Comments _____	84
4	Company: _____	_____	85
4	Company: _____	_____	86
4	Company: _____	_____	87
4	Company: _____	_____	88
4	Company: _____	_____	89

Relinquished By: Samuel Reno
Company: _____

Received By: Alan Hughes
Company: _____

Time 1435

Date 3/8/10

CHAIN OF CUSTODY RECORD

Specialty Analytical

11711 SE Capps Road
Clackamas, OR 97015
Phone: 503-607-1331
Fax: 503-607-1336

Contact Person/Project Manager Alan Hushes / Meri Gibson
Company MFA
Address 201 NW 19TH Ave, Ste 200

Phone _____ Fax _____
Project No. 5006-310 Project Name _____
Project Site Location OR WA Other _____
Invoice To MFA P.O. No. _____

Collected By: [Signature]
Signature [Signature]
Printed Justin Reynolds

Signature _____
Printed _____

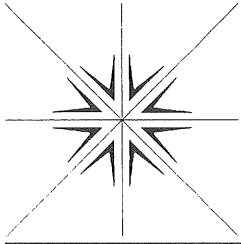
Turn Around Time _____
 Normal 5-7 Business Days
 Rush _____ Specify _____

Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix	No. of Containers	Analyses	For Laboratory Use
3/8	834	GP60-S-2.5	S	1		Lab Job No. <u>00041</u> Shipped Via <u>Specialty</u> Air Bill No. _____ Temperature On Receipt <u>4</u> °C Specialty Analytical Containers? Y/N Specialty Analytical Trip Blanks? Y/N
	857	GP60-S-5.0				Comments _____ Lab I.D. <u>107</u>
	918	GPS9-S-2.5				Lab I.D. <u>108</u>
	924	GPS9-S-5.0				Lab I.D. <u>109</u>
	900	B8-S-0.5				Lab I.D. <u>110</u>
	910	B8-S-2.5				Lab I.D. <u>111</u>
	920	B8-S-5.0				Lab I.D. <u>112</u>
	930	B8-S-14.5				Lab I.D. <u>113</u>
	940	B8-S-16.5				Lab I.D. <u>114</u>
	1004	OP58-S-3.0				Lab I.D. <u>115</u>
	1010	OP58-S-5.0				Lab I.D. <u>116</u>

Relinquished By:	Company:	Date:	Time:
<u>[Signature]</u>	<u>MFA</u>	<u>3/8</u>	<u>1030</u>
Relinquished By:	Company:	Date:	Time:
<u>[Signature]</u>	<u>Danwell Promos</u>	<u>3/8/10</u>	<u>1435</u>
Received For Lab By:		Date:	Time:
<u>[Signature]</u>		<u>3/8/10</u>	<u>1435</u>

Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.
Samples held beyond 60 days subject to storage fees(s)



Specialty Analytical

11711 SE Capps Road
Clackamas, OR 97015
(503) 607-1331
Fax (503) 607-1336

November 24, 2010

Alan Hughes
Maul, Foster & Alongi
7223 NE Hazel Dell Avenue
Suite B
Vancouver, WA 98665
TEL: (360) 694-2691
FAX: (360) 906-1958


RE: URIC / 8006.31.01
Dear Alan Hughes:

Order No.: 1003075

Specialty Analytical received 18 samples on 3/11/2010 for the analyses presented in the following report.

REVISED REPORT VERSION 1 . Please see case narrative for information on revision.

There were no problems with the analysis and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative, or as qualified with flags. Results apply only to the samples analyzed. Without approval of the laboratory, the reproduction of this report is only permitted in its entirety.


Cindy Hillyard
Project Manager


Technical Review

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Project: URIC / 8006.31.01
Lab Order: 1003075

CASE NARRATIVE

Report Revision 1.

At the request of the client, the full list of compounds for EPA 8260B are reported.

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: GP61-S-0.5

Lab Order: 1003075

Collection Date: 3/9/2010 9:10:00 AM

Project: URIC / 8006.31.01

Lab ID: 1003075-01

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/24/2010

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003075
Project: URIC / 8006.31.01
Lab ID: 1003075-02

Client Sample ID: GP61-S-2.5
Collection Date: 3/9/2010 9:20:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/24/2010

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003075
Project: URIC / 8006.31.01
Lab ID: 1003075-03

Client Sample ID: GP61-S-5.0
Collection Date: 3/9/2010 9:30:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/24/2010

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003075
Project: URIC / 8006.31.01
Lab ID: 1003075-04

Client Sample ID: GP61-S-14.5
Collection Date: 3/9/2010 9:40:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
1,1,1-Trichloroethane	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
1,1,2,2-Tetrachloroethane	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
1,1,2-Trichloroethane	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
1,1-Dichloroethane	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
1,1-Dichloroethene	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
1,1-Dichloropropene	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
1,2,3-Trichlorobenzene	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
1,2,3-Trichloropropane	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
1,2,4-Trichlorobenzene	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
1,2,4-Trimethylbenzene	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
1,2-Dibromo-3-chloropropane	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
1,2-Dibromoethane	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
1,2-Dichlorobenzene	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
1,2-Dichloroethane	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
1,2-Dichloropropane	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
1,3,5-Trimethylbenzene	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
1,3-Dichlorobenzene	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
1,3-Dichloropropane	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
1,4-Dichlorobenzene	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
2,2-Dichloropropane	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
2-Butanone	ND	40.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
2-Chlorotoluene	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
2-Hexanone	ND	20.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
4-Chlorotoluene	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
4-Isopropyltoluene	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
4-Methyl-2-pentanone	ND	40.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
Acetone	ND	100		ug/Kg-dry	1	3/17/2010 6:45:00 PM
Benzene	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
Bromobenzene	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
Bromochloromethane	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
Bromodichloromethane	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
Bromoform	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
Bromomethane	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
Carbon Disulfide	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
Carbon tetrachloride	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
Chlorobenzene	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
Chloroethane	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
Chloroform	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
Chloromethane	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
cis-1,2-Dichloroethene	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003075
Project: URIC / 8006.31.01
Lab ID: 1003075-04

Client Sample ID: GP61-S-14.5
Collection Date: 3/9/2010 9:40:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
Dibromochloromethane	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
Dibromomethane	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
Dichlorodifluoromethane	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
Ethylbenzene	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
Hexachlorobutadiene	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
Isopropylbenzene	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
m,p-Xylene	ND	20.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
Methyl tert-butyl ether	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
Methylene Chloride	ND	50.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
n-Butylbenzene	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
n-Propylbenzene	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
Naphthalene	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
o-Xylene	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
sec-Butylbenzene	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
Styrene	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
tert-Butylbenzene	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
Tetrachloroethene	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
Toluene	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
trans-1,2-Dichloroethene	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
trans-1,3-Dichloropropene	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
Trichloroethene	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
Trichlorofluoromethane	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
Vinyl Chloride	ND	10.0		ug/Kg-dry	1	3/17/2010 6:45:00 PM
Surr: 1,2-Dichloroethane-d4	122	71.5-112	S	%REC	1	3/17/2010 6:45:00 PM
Surr: 4-Bromofluorobenzene	117	75.7-122		%REC	1	3/17/2010 6:45:00 PM
Surr: Dibromofluoromethane	113	64.3-124		%REC	1	3/17/2010 6:45:00 PM
Surr: Toluene-d8	111	74.9-120		%REC	1	3/17/2010 6:45:00 PM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003075
Project: URIC / 8006.31.01
Lab ID: 1003075-05

Client Sample ID: GP61-W-14.5
Collection Date: 3/9/2010 10:00:00 AM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
2-Butanone	ND	10.0		µg/L	1	3/15/2010 3:50:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
2-Hexanone	ND	10.0		µg/L	1	3/15/2010 3:50:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	3/15/2010 3:50:00 PM
Acetone	ND	50.0		µg/L	1	3/15/2010 3:50:00 PM
Acrylonitrile	ND	5.00		µg/L	1	3/15/2010 3:50:00 PM
Benzene	ND	0.300		µg/L	1	3/15/2010 3:50:00 PM
Bromobenzene	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
Bromochloromethane	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
Bromoform	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
Bromomethane	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
Carbon disulfide	ND	2.00		µg/L	1	3/15/2010 3:50:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
Chlorobenzene	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
Chloroethane	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
Chloroform	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
Chloromethane	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003075
Project: URIC / 8006.31.01
Lab ID: 1003075-05

Client Sample ID: GP61-W-14.5
Collection Date: 3/9/2010 10:00:00 AM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS						
		SW8260B				Analyst: kmn
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
Dibromomethane	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
Ethylbenzene	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
m,p-Xylene	ND	2.00		µg/L	1	3/15/2010 3:50:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
Methylene chloride	ND	20.0		µg/L	1	3/15/2010 3:50:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
Naphthalene	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
o-Xylene	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
Styrene	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
Tetrachloroethene	18.6	1.00		µg/L	1	3/15/2010 3:50:00 PM
Toluene	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
Trichloroethene	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
Vinyl chloride	ND	1.00		µg/L	1	3/15/2010 3:50:00 PM
Surr: 1,2-Dichloroethane-d4	105	72.2-129		%REC	1	3/15/2010 3:50:00 PM
Surr: 4-Bromofluorobenzene	116	73.5-125		%REC	1	3/15/2010 3:50:00 PM
Surr: Dibromofluoromethane	101	58.8-148		%REC	1	3/15/2010 3:50:00 PM
Surr: Toluene-d8	108	79.8-137		%REC	1	3/15/2010 3:50:00 PM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003075
Project: URIC / 8006.31.01
Lab ID: 1003075-06

Client Sample ID: B9-S-0.5
Collection Date: 3/9/2010 10:23:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/24/2010

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003075
Project: URIC / 8006.31.01
Lab ID: 1003075-07

Client Sample ID: B9-S-2.5
Collection Date: 3/9/2010 10:30:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/24/2010

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003075
Project: URIC / 8006.31.01
Lab ID: 1003075-08

Client Sample ID: B9-S-5.0
Collection Date: 3/9/2010 11:00:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/24/2010

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003075
Project: URIC / 8006.31.01
Lab ID: 1003075-09

Client Sample ID: B9-S-19.0
Collection Date: 3/9/2010 11:00:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
1,1,1-Trichloroethane	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
1,1,2,2-Tetrachloroethane	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
1,1,2-Trichloroethane	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
1,1-Dichloroethane	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
1,1-Dichloroethene	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
1,1-Dichloropropene	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
1,2,3-Trichlorobenzene	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
1,2,3-Trichloropropane	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
1,2,4-Trichlorobenzene	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
1,2,4-Trimethylbenzene	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
1,2-Dibromo-3-chloropropane	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
1,2-Dibromoethane	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
1,2-Dichlorobenzene	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
1,2-Dichloroethane	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
1,2-Dichloropropane	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
1,3,5-Trimethylbenzene	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
1,3-Dichlorobenzene	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
1,3-Dichloropropane	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
1,4-Dichlorobenzene	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
2,2-Dichloropropane	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
2-Butanone	ND	46.2		ug/Kg-dry	1	3/17/2010 7:21:00 PM
2-Chlorotoluene	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
2-Hexanone	ND	23.1		ug/Kg-dry	1	3/17/2010 7:21:00 PM
4-Chlorotoluene	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
4-Isopropyltoluene	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
4-Methyl-2-pentanone	ND	46.2		ug/Kg-dry	1	3/17/2010 7:21:00 PM
Acetone	ND	116		ug/Kg-dry	1	3/17/2010 7:21:00 PM
Benzene	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
Bromobenzene	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
Bromochloromethane	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
Bromodichloromethane	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
Bromoform	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
Bromomethane	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
Carbon Disulfide	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
Carbon tetrachloride	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
Chlorobenzene	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
Chloroethane	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
Chloroform	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
Chloromethane	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
cis-1,2-Dichloroethene	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003075
Project: URIC / 8006.31.01
Lab ID: 1003075-09

Client Sample ID: B9-S-19.0
Collection Date: 3/9/2010 11:00:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
Dibromochloromethane	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
Dibromomethane	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
Dichlorodifluoromethane	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
Ethylbenzene	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
Hexachlorobutadiene	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
Isopropylbenzene	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
m,p-Xylene	ND	23.1		ug/Kg-dry	1	3/17/2010 7:21:00 PM
Methyl tert-butyl ether	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
Methylene Chloride	ND	57.8		ug/Kg-dry	1	3/17/2010 7:21:00 PM
n-Butylbenzene	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
n-Propylbenzene	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
Naphthalene	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
o-Xylene	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
sec-Butylbenzene	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
Styrene	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
tert-Butylbenzene	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
Tetrachloroethene	271	52.3		ug/Kg-dry	5	3/18/2010 10:39:00 AM
Toluene	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
trans-1,2-Dichloroethene	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
trans-1,3-Dichloropropene	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
Trichloroethene	21.0	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
Trichlorofluoromethane	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
Vinyl Chloride	ND	11.6		ug/Kg-dry	1	3/17/2010 7:21:00 PM
Surr: 1,2-Dichloroethane-d4	117	71.5-112	S	%REC	1	3/17/2010 7:21:00 PM
Surr: 4-Bromofluorobenzene	114	75.7-122		%REC	1	3/17/2010 7:21:00 PM
Surr: Dibromofluoromethane	113	64.3-124		%REC	1	3/17/2010 7:21:00 PM
Surr: Toluene-d8	111	74.9-120		%REC	1	3/17/2010 7:21:00 PM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003075
Project: URIC / 8006.31.01
Lab ID: 1003075-10

Client Sample ID: B9-S-21.5
Collection Date: 3/9/2010 11:20:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
1,1,1-Trichloroethane	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
1,1,2,2-Tetrachloroethane	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
1,1,2-Trichloroethane	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
1,1-Dichloroethane	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
1,1-Dichloroethene	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
1,1-Dichloropropene	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
1,2,3-Trichlorobenzene	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
1,2,3-Trichloropropane	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
1,2,4-Trichlorobenzene	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
1,2,4-Trimethylbenzene	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
1,2-Dibromo-3-chloropropane	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
1,2-Dibromoethane	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
1,2-Dichlorobenzene	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
1,2-Dichloroethane	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
1,2-Dichloropropane	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
1,3,5-Trimethylbenzene	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
1,3-Dichlorobenzene	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
1,3-Dichloropropane	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
1,4-Dichlorobenzene	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
2,2-Dichloropropane	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
2-Butanone	ND	36.0		ug/Kg-dry	1	3/22/2010 4:33:00 PM
2-Chlorotoluene	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
2-Hexanone	ND	18.0		ug/Kg-dry	1	3/22/2010 4:33:00 PM
4-Chlorotoluene	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
4-Isopropyltoluene	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
4-Methyl-2-pentanone	ND	36.0		ug/Kg-dry	1	3/22/2010 4:33:00 PM
Acetone	ND	90.0		ug/Kg-dry	1	3/22/2010 4:33:00 PM
Benzene	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
Bromobenzene	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
Bromochloromethane	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
Bromodichloromethane	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
Bromoform	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
Bromomethane	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
Carbon Disulfide	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
Carbon tetrachloride	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
Chlorobenzene	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
Chloroethane	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
Chloroform	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
Chloromethane	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
cis-1,2-Dichloroethene	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003075
Project: URIC / 8006.31.01
Lab ID: 1003075-10

Client Sample ID: B9-S-21.5
Collection Date: 3/9/2010 11:20:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
Dibromochloromethane	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
Dibromomethane	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
Dichlorodifluoromethane	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
Ethylbenzene	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
Hexachlorobutadiene	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
Isopropylbenzene	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
m,p-Xylene	ND	18.0		ug/Kg-dry	1	3/22/2010 4:33:00 PM
Methyl tert-butyl ether	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
Methylene Chloride	ND	45.0		ug/Kg-dry	1	3/22/2010 4:33:00 PM
n-Butylbenzene	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
n-Propylbenzene	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
Naphthalene	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
o-Xylene	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
sec-Butylbenzene	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
Styrene	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
tert-Butylbenzene	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
Tetrachloroethene	507	45.3		ug/Kg-dry	5	3/23/2010 12:28:00 PM
Toluene	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
trans-1,2-Dichloroethene	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
trans-1,3-Dichloropropene	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
Trichloroethene	332	45.3		ug/Kg-dry	5	3/23/2010 12:28:00 PM
Trichlorofluoromethane	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
Vinyl Chloride	ND	9.00		ug/Kg-dry	1	3/22/2010 4:33:00 PM
Surr: 1,2-Dichloroethane-d4	128	71.5-112	S	%REC	1	3/22/2010 4:33:00 PM
Surr: 4-Bromofluorobenzene	117	75.7-122		%REC	1	3/22/2010 4:33:00 PM
Surr: Dibromofluoromethane	116	64.3-124		%REC	1	3/22/2010 4:33:00 PM
Surr: Toluene-d8	109	74.9-120		%REC	1	3/22/2010 4:33:00 PM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003075
Project: URIC / 8006.31.01
Lab ID: 1003075-11

Client Sample ID: B9-W-19.0
Collection Date: 3/9/2010 12:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	3/15/2010 4:24:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	3/15/2010 4:24:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	3/15/2010 4:24:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	3/15/2010 4:24:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	3/15/2010 4:24:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	3/15/2010 4:24:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	3/15/2010 4:24:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	3/15/2010 4:24:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	3/15/2010 4:24:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	3/15/2010 4:24:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	3/15/2010 4:24:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	3/15/2010 4:24:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	3/15/2010 4:24:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	3/15/2010 4:24:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	3/15/2010 4:24:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	3/15/2010 4:24:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	3/15/2010 4:24:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	3/15/2010 4:24:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	3/15/2010 4:24:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	3/15/2010 4:24:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	3/15/2010 4:24:00 PM
2-Butanone	ND	10.0		µg/L	1	3/15/2010 4:24:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	3/15/2010 4:24:00 PM
2-Hexanone	ND	10.0		µg/L	1	3/15/2010 4:24:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	3/15/2010 4:24:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	3/15/2010 4:24:00 PM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	3/15/2010 4:24:00 PM
Acetone	ND	50.0		µg/L	1	3/15/2010 4:24:00 PM
Acrylonitrile	ND	5.00		µg/L	1	3/15/2010 4:24:00 PM
Benzene	ND	0.300		µg/L	1	3/15/2010 4:24:00 PM
Bromobenzene	ND	1.00		µg/L	1	3/15/2010 4:24:00 PM
Bromochloromethane	ND	1.00		µg/L	1	3/15/2010 4:24:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	3/15/2010 4:24:00 PM
Bromoform	ND	1.00		µg/L	1	3/15/2010 4:24:00 PM
Bromomethane	ND	1.00		µg/L	1	3/15/2010 4:24:00 PM
Carbon disulfide	ND	2.00		µg/L	1	3/15/2010 4:24:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	3/15/2010 4:24:00 PM
Chlorobenzene	ND	1.00		µg/L	1	3/15/2010 4:24:00 PM
Chloroethane	ND	1.00		µg/L	1	3/15/2010 4:24:00 PM
Chloroform	1.49	1.00		µg/L	1	3/15/2010 4:24:00 PM
Chloromethane	ND	1.00		µg/L	1	3/15/2010 4:24:00 PM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: B9-W-19.0

Lab Order: 1003075

Collection Date: 3/9/2010 12:00:00 PM

Project: URIC / 8006.31.01

Lab ID: 1003075-11

Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS						Analyst: kmn
		SW8260B				
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	3/15/2010 4:24:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	3/15/2010 4:24:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	3/15/2010 4:24:00 PM
Dibromomethane	ND	1.00		µg/L	1	3/15/2010 4:24:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	3/15/2010 4:24:00 PM
Ethylbenzene	ND	1.00		µg/L	1	3/15/2010 4:24:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	3/15/2010 4:24:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	3/15/2010 4:24:00 PM
m,p-Xylene	ND	2.00		µg/L	1	3/15/2010 4:24:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	3/15/2010 4:24:00 PM
Methylene chloride	ND	20.0		µg/L	1	3/15/2010 4:24:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	3/15/2010 4:24:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	3/15/2010 4:24:00 PM
Naphthalene	ND	1.00		µg/L	1	3/15/2010 4:24:00 PM
o-Xylene	ND	1.00		µg/L	1	3/15/2010 4:24:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	3/15/2010 4:24:00 PM
Styrene	ND	1.00		µg/L	1	3/15/2010 4:24:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	3/15/2010 4:24:00 PM
Tetrachloroethene	60.0	1.00		µg/L	1	3/15/2010 4:24:00 PM
Toluene	ND	1.00		µg/L	1	3/15/2010 4:24:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	3/15/2010 4:24:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	3/15/2010 4:24:00 PM
Trichloroethene	2.87	1.00		µg/L	1	3/15/2010 4:24:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	3/15/2010 4:24:00 PM
Vinyl chloride	ND	1.00		µg/L	1	3/15/2010 4:24:00 PM
Surr: 1,2-Dichloroethane-d4	101	72.2-129		%REC	1	3/15/2010 4:24:00 PM
Surr: 4-Bromofluorobenzene	118	73.5-125		%REC	1	3/15/2010 4:24:00 PM
Surr: Dibromofluoromethane	99.7	58.8-148		%REC	1	3/15/2010 4:24:00 PM
Surr: Toluene-d8	108	79.8-137		%REC	1	3/15/2010 4:24:00 PM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003075
Project: URIC / 8006.31.01
Lab ID: 1003075-12

Client Sample ID: GP29-S-12.0
Collection Date: 3/8/2010 2:40:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
1,1,1-Trichloroethane	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
1,1,2,2-Tetrachloroethane	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
1,1,2-Trichloroethane	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
1,1-Dichloroethane	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
1,1-Dichloroethene	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
1,1-Dichloropropene	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
1,2,3-Trichlorobenzene	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
1,2,3-Trichloropropane	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
1,2,4-Trichlorobenzene	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
1,2,4-Trimethylbenzene	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
1,2-Dibromo-3-chloropropane	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
1,2-Dibromoethane	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
1,2-Dichlorobenzene	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
1,2-Dichloroethane	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
1,2-Dichloropropane	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
1,3,5-Trimethylbenzene	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
1,3-Dichlorobenzene	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
1,3-Dichloropropane	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
1,4-Dichlorobenzene	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
2,2-Dichloropropane	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
2-Butanone	ND	43.8		ug/Kg-dry	1	3/17/2010 7:56:00 PM
2-Chlorotoluene	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
2-Hexanone	ND	21.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
4-Chlorotoluene	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
4-Isopropyltoluene	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
4-Methyl-2-pentanone	ND	43.8		ug/Kg-dry	1	3/17/2010 7:56:00 PM
Acetone	ND	109		ug/Kg-dry	1	3/17/2010 7:56:00 PM
Benzene	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
Bromobenzene	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
Bromochloromethane	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
Bromodichloromethane	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
Bromoform	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
Bromomethane	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
Carbon Disulfide	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
Carbon tetrachloride	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
Chlorobenzene	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
Chloroethane	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
Chloroform	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
Chloromethane	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
cis-1,2-Dichloroethene	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: GP29-S-12.0

Lab Order: 1003075

Collection Date: 3/8/2010 2:40:00 PM

Project: URIC / 8006.31.01

Lab ID: 1003075-12

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
Dibromochloromethane	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
Dibromomethane	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
Dichlorodifluoromethane	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
Ethylbenzene	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
Hexachlorobutadiene	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
Isopropylbenzene	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
m,p-Xylene	ND	21.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
Methyl tert-butyl ether	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
Methylene Chloride	ND	54.7		ug/Kg-dry	1	3/17/2010 7:56:00 PM
n-Butylbenzene	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
n-Propylbenzene	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
Naphthalene	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
o-Xylene	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
sec-Butylbenzene	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
Styrene	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
tert-Butylbenzene	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
Tetrachloroethene	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
Toluene	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
trans-1,2-Dichloroethene	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
trans-1,3-Dichloropropene	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
Trichloroethene	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
Trichlorofluoromethane	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
Vinyl Chloride	ND	10.9		ug/Kg-dry	1	3/17/2010 7:56:00 PM
Surr: 1,2-Dichloroethane-d4	118	71.5-112	S	%REC	1	3/17/2010 7:56:00 PM
Surr: 4-Bromofluorobenzene	114	75.7-122		%REC	1	3/17/2010 7:56:00 PM
Surr: Dibromofluoromethane	112	64.3-124		%REC	1	3/17/2010 7:56:00 PM
Surr: Toluene-d8	109	74.9-120		%REC	1	3/17/2010 7:56:00 PM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: GP24-S-11.0

Lab Order: 1003075

Collection Date: 3/9/2010 3:00:00 PM

Project: URIC / 8006.31.01

Lab ID: 1003075-13

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
1,1,1-Trichloroethane	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
1,1,2,2-Tetrachloroethane	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
1,1,2-Trichloroethane	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
1,1-Dichloroethane	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
1,1-Dichloroethene	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
1,1-Dichloropropene	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
1,2,3-Trichlorobenzene	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
1,2,3-Trichloropropane	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
1,2,4-Trichlorobenzene	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
1,2,4-Trimethylbenzene	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
1,2-Dibromo-3-chloropropane	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
1,2-Dibromoethane	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
1,2-Dichlorobenzene	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
1,2-Dichloroethane	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
1,2-Dichloropropane	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
1,3,5-Trimethylbenzene	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
1,3-Dichlorobenzene	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
1,3-Dichloropropane	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
1,4-Dichlorobenzene	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
2,2-Dichloropropane	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
2-Butanone	ND	41.4		ug/Kg-dry	1	3/17/2010 8:30:00 PM
2-Chlorotoluene	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
2-Hexanone	ND	20.7		ug/Kg-dry	1	3/17/2010 8:30:00 PM
4-Chlorotoluene	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
4-Isopropyltoluene	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
4-Methyl-2-pentanone	ND	41.4		ug/Kg-dry	1	3/17/2010 8:30:00 PM
Acetone	ND	103		ug/Kg-dry	1	3/17/2010 8:30:00 PM
Benzene	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
Bromobenzene	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
Bromochloromethane	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
Bromodichloromethane	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
Bromoform	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
Bromomethane	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
Carbon Disulfide	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
Carbon tetrachloride	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
Chlorobenzene	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
Chloroethane	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
Chloroform	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
Chloromethane	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
cis-1,2-Dichloroethene	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003075
Project: URIC / 8006.31.01
Lab ID: 1003075-13

Client Sample ID: GP24-S-11.0
Collection Date: 3/9/2010 3:00:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
Dibromochloromethane	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
Dibromomethane	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
Dichlorodifluoromethane	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
Ethylbenzene	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
Hexachlorobutadiene	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
Isopropylbenzene	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
m,p-Xylene	ND	20.7		ug/Kg-dry	1	3/17/2010 8:30:00 PM
Methyl tert-butyl ether	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
Methylene Chloride	ND	51.7		ug/Kg-dry	1	3/17/2010 8:30:00 PM
n-Butylbenzene	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
n-Propylbenzene	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
Naphthalene	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
o-Xylene	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
sec-Butylbenzene	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
Styrene	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
tert-Butylbenzene	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
Tetrachloroethene	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
Toluene	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
trans-1,2-Dichloroethene	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
trans-1,3-Dichloropropene	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
Trichloroethene	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
Trichlorofluoromethane	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
Vinyl Chloride	ND	10.3		ug/Kg-dry	1	3/17/2010 8:30:00 PM
Surr: 1,2-Dichloroethane-d4	124	71.5-112	S	%REC	1	3/17/2010 8:30:00 PM
Surr: 4-Bromofluorobenzene	117	75.7-122		%REC	1	3/17/2010 8:30:00 PM
Surr: Dibromofluoromethane	114	64.3-124		%REC	1	3/17/2010 8:30:00 PM
Surr: Toluene-d8	113	74.9-120		%REC	1	3/17/2010 8:30:00 PM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003075
Project: URIC / 8006.31.01
Lab ID: 1003075-14

Client Sample ID: GP36-S-12.5
Collection Date: 3/8/2010 2:00:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
1,1,1-Trichloroethane	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
1,1,2,2-Tetrachloroethane	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
1,1,2-Trichloroethane	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
1,1-Dichloroethane	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
1,1-Dichloroethene	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
1,1-Dichloropropene	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
1,2,3-Trichlorobenzene	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
1,2,3-Trichloropropane	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
1,2,4-Trichlorobenzene	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
1,2,4-Trimethylbenzene	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
1,2-Dibromo-3-chloropropane	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
1,2-Dibromoethane	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
1,2-Dichlorobenzene	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
1,2-Dichloroethane	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
1,2-Dichloropropane	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
1,3,5-Trimethylbenzene	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
1,3-Dichlorobenzene	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
1,3-Dichloropropane	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
1,4-Dichlorobenzene	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
2,2-Dichloropropane	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
2-Butanone	ND	43.8		µg/Kg-dry	1	3/17/2010 9:05:00 PM
2-Chlorotoluene	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
2-Hexanone	ND	21.9		µg/Kg-dry	1	3/17/2010 9:05:00 PM
4-Chlorotoluene	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
4-Isopropyltoluene	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
4-Methyl-2-pentanone	ND	43.8		µg/Kg-dry	1	3/17/2010 9:05:00 PM
Acetone	ND	110		µg/Kg-dry	1	3/17/2010 9:05:00 PM
Benzene	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
Bromobenzene	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
Bromochloromethane	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
Bromodichloromethane	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
Bromoform	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
Bromomethane	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
Carbon disulfide	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
Carbon tetrachloride	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
Chlorobenzene	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
Chloroethane	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
Chloroform	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
Chloromethane	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
cis-1,2-Dichloroethene	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003075
Project: URIC / 8006.31.01
Lab ID: 1003075-14

Client Sample ID: GP36-S-12.5
Collection Date: 3/8/2010 2:00:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
Dibromochloromethane	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
Dibromomethane	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
Dichlorodifluoromethane	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
Ethylbenzene	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
Hexachlorobutadiene	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
Isopropylbenzene	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
m,p-Xylene	ND	21.9		µg/Kg-dry	1	3/17/2010 9:05:00 PM
Methyl tert-butyl ether	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
Methylene chloride	ND	54.8		µg/Kg-dry	1	3/17/2010 9:05:00 PM
n-Butylbenzene	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
n-Propylbenzene	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
Naphthalene	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
o-Xylene	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
sec-Butylbenzene	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
Styrene	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
tert-Butylbenzene	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
Tetrachloroethene	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
Toluene	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
trans-1,2-Dichloroethene	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
trans-1,3-Dichloropropene	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
Trichloroethene	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
Trichlorofluoromethane	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
Vinyl chloride	ND	11.0		µg/Kg-dry	1	3/17/2010 9:05:00 PM
Surr: 1,2-Dichloroethane-d4	119	71.5-112	S	%REC	1	3/17/2010 9:05:00 PM
Surr: 4-Bromofluorobenzene	115	75.7-122		%REC	1	3/17/2010 9:05:00 PM
Surr: Dibromofluoromethane	114	64.3-124		%REC	1	3/17/2010 9:05:00 PM
Surr: Toluene-d8	112	74.9-120		%REC	1	3/17/2010 9:05:00 PM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003075
Project: URIC / 8006.31.01
Lab ID: 1003075-15

Client Sample ID: GP36-W-12.5
Collection Date: 3/8/2010 2:10:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS						Analyst: kmn
		SW8260B				
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
2-Butanone	ND	10.0		µg/L	1	3/15/2010 4:59:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
2-Hexanone	ND	10.0		µg/L	1	3/15/2010 4:59:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	3/15/2010 4:59:00 PM
Acetone	ND	50.0		µg/L	1	3/15/2010 4:59:00 PM
Acrylonitrile	ND	5.00		µg/L	1	3/15/2010 4:59:00 PM
Benzene	ND	0.300		µg/L	1	3/15/2010 4:59:00 PM
Bromobenzene	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
Bromochloromethane	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
Bromoform	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
Bromomethane	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
Carbon disulfide	ND	2.00		µg/L	1	3/15/2010 4:59:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
Chlorobenzene	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
Chloroethane	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
Chloroform	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
Chloromethane	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003075
Project: URIC / 8006.31.01
Lab ID: 1003075-15

Client Sample ID: GP36-W-12.5
Collection Date: 3/8/2010 2:10:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
Dibromomethane	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
Ethylbenzene	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
m,p-Xylene	ND	2.00		µg/L	1	3/15/2010 4:59:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
Methylene chloride	ND	20.0		µg/L	1	3/15/2010 4:59:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
Naphthalene	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
o-Xylene	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
Styrene	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
Tetrachloroethene	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
Toluene	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
Trichloroethene	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
Vinyl chloride	ND	1.00		µg/L	1	3/15/2010 4:59:00 PM
Surr: 1,2-Dichloroethane-d4	105	72.2-129		%REC	1	3/15/2010 4:59:00 PM
Surr: 4-Bromofluorobenzene	119	73.5-125		%REC	1	3/15/2010 4:59:00 PM
Surr: Dibromofluoromethane	99.2	58.8-148		%REC	1	3/15/2010 4:59:00 PM
Surr: Toluene-d8	109	79.8-137		%REC	1	3/15/2010 4:59:00 PM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003075
Project: URIC / 8006.31.01
Lab ID: 1003075-16

Client Sample ID: GP29-W-12.0
Collection Date: 3/8/2010 2:50:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS						Analyst: kmn
		SW8260B				
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
2-Butanone	ND	10.0		µg/L	1	3/15/2010 5:33:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
2-Hexanone	ND	10.0		µg/L	1	3/15/2010 5:33:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	3/15/2010 5:33:00 PM
Acetone	ND	50.0		µg/L	1	3/15/2010 5:33:00 PM
Acrylonitrile	ND	5.00		µg/L	1	3/15/2010 5:33:00 PM
Benzene	ND	0.300		µg/L	1	3/15/2010 5:33:00 PM
Bromobenzene	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
Bromochloromethane	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
Bromoform	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
Bromomethane	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
Carbon disulfide	ND	2.00		µg/L	1	3/15/2010 5:33:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
Chlorobenzene	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
Chloroethane	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
Chloroform	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
Chloromethane	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003075
Project: URIC / 8006.31.01
Lab ID: 1003075-16

Client Sample ID: GP29-W-12.0
Collection Date: 3/8/2010 2:50:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
Dibromomethane	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
Ethylbenzene	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
m,p-Xylene	ND	2.00		µg/L	1	3/15/2010 5:33:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
Methylene chloride	ND	20.0		µg/L	1	3/15/2010 5:33:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
Naphthalene	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
o-Xylene	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
Styrene	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
Tetrachloroethene	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
Toluene	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
Trichloroethene	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
Vinyl chloride	ND	1.00		µg/L	1	3/15/2010 5:33:00 PM
Surr: 1,2-Dichloroethane-d4	102	72.2-129		%REC	1	3/15/2010 5:33:00 PM
Surr: 4-Bromofluorobenzene	118	73.5-125		%REC	1	3/15/2010 5:33:00 PM
Surr: Dibromofluoromethane	102	58.8-148		%REC	1	3/15/2010 5:33:00 PM
Surr: Toluene-d8	110	79.8-137		%REC	1	3/15/2010 5:33:00 PM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003075
Project: URIC / 8006.31.01
Lab ID: 1003075-17

Client Sample ID: GP24-W-11.0
Collection Date: 3/8/2010 3:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
2-Butanone	ND	10.0		µg/L	1	3/15/2010 6:07:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
2-Hexanone	ND	10.0		µg/L	1	3/15/2010 6:07:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	3/15/2010 6:07:00 PM
Acetone	ND	50.0		µg/L	1	3/15/2010 6:07:00 PM
Acrylonitrile	ND	5.00		µg/L	1	3/15/2010 6:07:00 PM
Benzene	ND	0.300		µg/L	1	3/15/2010 6:07:00 PM
Bromobenzene	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
Bromochloromethane	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
Bromoform	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
Bromomethane	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
Carbon disulfide	ND	2.00		µg/L	1	3/15/2010 6:07:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
Chlorobenzene	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
Chloroethane	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
Chloroform	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
Chloromethane	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003075
Project: URIC / 8006.31.01
Lab ID: 1003075-17

Client Sample ID: GP24-W-11.0
Collection Date: 3/8/2010 3:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
Dibromomethane	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
Ethylbenzene	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
m,p-Xylene	ND	2.00		µg/L	1	3/15/2010 6:07:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
Methylene chloride	ND	20.0		µg/L	1	3/15/2010 6:07:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
Naphthalene	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
o-Xylene	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
Styrene	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
Tetrachloroethene	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
Toluene	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
Trichloroethene	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
Vinyl chloride	ND	1.00		µg/L	1	3/15/2010 6:07:00 PM
Surr: 1,2-Dichloroethane-d4	104	72.2-129		%REC	1	3/15/2010 6:07:00 PM
Surr: 4-Bromofluorobenzene	117	73.5-125		%REC	1	3/15/2010 6:07:00 PM
Surr: Dibromofluoromethane	102	58.8-148		%REC	1	3/15/2010 6:07:00 PM
Surr: Toluene-d8	109	79.8-137		%REC	1	3/15/2010 6:07:00 PM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003075
Project: URIC / 8006.31.01
Lab ID: 1003075-18

Client Sample ID: Trip Blank
Collection Date: 3/9/2010

Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
2-Butanone	ND	10.0		µg/L	1	3/15/2010 3:16:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
2-Hexanone	ND	10.0		µg/L	1	3/15/2010 3:16:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	3/15/2010 3:16:00 PM
Acetone	ND	50.0		µg/L	1	3/15/2010 3:16:00 PM
Acrylonitrile	ND	5.00		µg/L	1	3/15/2010 3:16:00 PM
Benzene	ND	0.300		µg/L	1	3/15/2010 3:16:00 PM
Bromobenzene	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
Bromochloromethane	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
Bromoform	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
Bromomethane	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
Carbon disulfide	ND	2.00		µg/L	1	3/15/2010 3:16:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
Chlorobenzene	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
Chloroethane	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
Chloroform	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
Chloromethane	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003075
Project: URIC / 8006.31.01
Lab ID: 1003075-18

Client Sample ID: Trip Blank
Collection Date: 3/9/2010

Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
Dibromomethane	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
Ethylbenzene	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
m,p-Xylene	ND	2.00		µg/L	1	3/15/2010 3:16:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
Methylene chloride	ND	20.0		µg/L	1	3/15/2010 3:16:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
Naphthalene	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
o-Xylene	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
Styrene	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
Tetrachloroethene	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
Toluene	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
Trichloroethene	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
Vinyl chloride	ND	1.00		µg/L	1	3/15/2010 3:16:00 PM
Surr: 1,2-Dichloroethane-d4	105	72.2-129		%REC	1	3/15/2010 3:16:00 PM
Surr: 4-Bromofluorobenzene	116	73.5-125		%REC	1	3/15/2010 3:16:00 PM
Surr: Dibromofluoromethane	107	58.8-148		%REC	1	3/15/2010 3:16:00 PM
Surr: Toluene-d8	110	79.8-137		%REC	1	3/15/2010 3:16:00 PM

CLIENT: Maul, Foster & Alongi
Work Order: 1003075
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT**TestCode: 8260_5035**

Sample ID: MB-25158	SampType: MBLK	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/17/2010	Run ID: 5973J_100317A						
Client ID: ZZZZZ	Batch ID: 25158	TestNo: SW8260B	Analysis Date: 3/17/2010	SeqNo: 663275							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	10.0									
1,1,1-Trichloroethane	ND	10.0									
1,1,2,2-Tetrachloroethane	ND	10.0									
1,1,2-Trichloroethane	ND	10.0									
1,1-Dichloroethane	ND	10.0									
1,1-Dichloroethene	ND	10.0									
1,1-Dichloropropene	ND	10.0									
1,2,3-Trichlorobenzene	1.12	10.0									J
1,2,3-Trichloropropane	ND	10.0									
1,2,4-Trichlorobenzene	ND	10.0									
1,2,4-Trimethylbenzene	ND	10.0									
1,2-Dibromo-3-chloropropane	ND	10.0									
1,2-Dibromoethane	ND	10.0									
1,2-Dichlorobenzene	ND	10.0									
1,2-Dichloroethane	ND	10.0									
1,2-Dichloropropane	ND	10.0									
1,3,5-Trimethylbenzene	ND	10.0									
1,3-Dichlorobenzene	ND	10.0									
1,3-Dichloropropane	ND	10.0									
1,4-Dichlorobenzene	0.64	10.0									J
2,2-Dichloropropane	ND	10.0									
2-Butanone	5.23	40.0									J
2-Chlorotoluene	ND	10.0									
2-Hexanone	ND	20.0									
4-Chlorotoluene	ND	10.0									
4-Isopropyltoluene	ND	10.0									
4-Methyl-2-pentanone	ND	40.0									
Acetone	23.6	100									J
Benzene	ND	10.0									
Bromobenzene	ND	10.0									

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003075
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: MB-25158	SampType: MBLK	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/17/2010	Run ID: 5973J_100317A						
Client ID: ZZZZZ	Batch ID: 25158	TestNo: SW8260B		Analysis Date: 3/17/2010	SeqNo: 663275						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromochloromethane	10.64	10.0									
Bromodichloromethane	ND	10.0									
Bromoform	ND	10.0									
Bromomethane	ND	10.0									
Carbon Disulfide	ND	10.0									
Carbon tetrachloride	ND	10.0									
Chlorobenzene	ND	10.0									
Chloroethane	ND	10.0									
Chloroform	ND	10.0									
Chloromethane	3.16	10.0									J
cis-1,2-Dichloroethene	ND	10.0									
cis-1,3-Dichloropropene	ND	10.0									
Dibromochloromethane	ND	10.0									
Dibromomethane	ND	10.0									
Dichlorodifluoromethane	ND	10.0									
Ethylbenzene	ND	10.0									
Hexachlorobutadiene	ND	10.0									
Isopropylbenzene	ND	10.0									
m,p-Xylene	2.24	20.0									J
Methyl tert-butyl ether	ND	10.0									
Methylene Chloride	19.77	50.0									J
n-Butylbenzene	ND	10.0									
n-Propylbenzene	ND	10.0									
Naphthalene	1.83	10.0									J
o-Xylene	ND	10.0									
sec-Butylbenzene	ND	10.0									
Styrene	ND	10.0									
tert-Butylbenzene	ND	10.0									
Tetrachloroethene	ND	10.0									
Toluene	ND	10.0									
trans-1,2-Dichloroethene	ND	10.0									

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003075
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: MB-25158	SampType: MBLK	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/17/2010	Run ID: 5973J_100317A						
Client ID: ZZZZZ	Batch ID: 25158	TestNo: SW8260B		Analysis Date: 3/17/2010	SeqNo: 663275						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,3-Dichloropropene	ND	10.0									
Trichloroethene	1.67	10.0									J
Trichlorofluoromethane	ND	10.0									
Vinyl Chloride	ND	10.0									
Surr: 1,2-Dichloroethane-d4	125.1	0	100	0	125	71.5	112	0	0		S
Surr: 4-Bromofluorobenzene	94.25	0	100	0	94.2	75.7	122	0	0		
Surr: Dibromofluoromethane	122.6	0	100	0	123	64.3	124	0	0		
Surr: Toluene-d8	91.12	0	100	0	91.1	74.9	120	0	0		

Sample ID: MB-25203	SampType: MBLK	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/22/2010	Run ID: 5973J_100322A						
Client ID: ZZZZZ	Batch ID: 25203	TestNo: SW8260B		Analysis Date: 3/22/2010	SeqNo: 663871						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	10.0									
1,1,1-Trichloroethane	ND	10.0									
1,1,2,2-Tetrachloroethane	ND	10.0									
1,1,2-Trichloroethane	ND	10.0									
1,1-Dichloroethane	ND	10.0									
1,1-Dichloroethene	ND	10.0									
1,1-Dichloropropene	ND	10.0									
1,2,3-Trichlorobenzene	1.03	10.0									J
1,2,3-Trichloropropane	ND	10.0									
1,2,4-Trichlorobenzene	0.93	10.0									J
1,2,4-Trimethylbenzene	ND	10.0									
1,2-Dibromo-3-chloropropane	ND	10.0									
1,2-Dibromoethane	ND	10.0									
1,2-Dichlorobenzene	ND	10.0									
1,2-Dichloroethane	ND	10.0									
1,2-Dichloropropane	ND	10.0									
1,3,5-Trimethylbenzene	ND	10.0									
1,3-Dichlorobenzene	ND	10.0									

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003075
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: MB-25203	SampType: MBLK	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/22/2010	Run ID: 5973J_100322A
Client ID: ZZZZZ	Batch ID: 25203	TestNo: SW8260B		Analysis Date: 3/22/2010	SeqNo: 663871

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3-Dichloropropane	ND	10.0									
1,4-Dichlorobenzene	0.67	10.0									J
2,2-Dichloropropane	ND	10.0									
2-Butanone	ND	40.0									
2-Chlorotoluene	ND	10.0									
2-Hexanone	ND	20.0									
4-Chlorotoluene	ND	10.0									
4-Isopropyltoluene	ND	10.0									
4-Methyl-2-pentanone	ND	40.0									
Acetone	16.79	100									J
Benzene	ND	10.0									
Bromobenzene	ND	10.0									
Bromochloromethane	ND	10.0									
Bromodichloromethane	ND	10.0									
Bromoform	ND	10.0									
Bromomethane	ND	10.0									
Carbon Disulfide	ND	10.0									
Carbon tetrachloride	ND	10.0									
Chlorobenzene	ND	10.0									
Chloroethane	ND	10.0									
Chloroform	ND	10.0									
Chloromethane	ND	10.0									
cis-1,2-Dichloroethene	0.9	10.0									J
cis-1,3-Dichloropropene	ND	10.0									
Dibromochloromethane	ND	10.0									
Dibromomethane	ND	10.0									
Dichlorodifluoromethane	ND	10.0									
Ethylbenzene	ND	10.0									
Hexachlorobutadiene	ND	10.0									
Isopropylbenzene	ND	10.0									
m,p-Xylene	ND	20.0									

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003075
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: MB-25203		SampType: MBLK		TestCode: 8260_5035		Units: ug/Kg		Prep Date: 3/22/2010		Run ID: 5973J_100322A	
Client ID: ZZZZZ		Batch ID: 25203		TestNo: SW8260B		Analysis Date: 3/22/2010		SeqNo: 663871			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl tert-butyl ether	ND	10.0									
Methylene Chloride	18.8	50.0									J
n-Butylbenzene	ND	10.0									
n-Propylbenzene	ND	10.0									
Naphthalene	2.72	10.0									J
o-Xylene	ND	10.0									
sec-Butylbenzene	ND	10.0									
Styrene	ND	10.0									
tert-Butylbenzene	ND	10.0									
Tetrachloroethene	ND	10.0									
Toluene	ND	10.0									
trans-1,2-Dichloroethene	ND	10.0									
trans-1,3-Dichloropropene	ND	10.0									
Trichloroethene	ND	10.0									
Trichlorofluoromethane	ND	10.0									
Vinyl Chloride	ND	10.0									
Surr: 1,2-Dichloroethane-d4	93.01	0	100	0	93	71.5	112	0	0		
Surr: 4-Bromofluorobenzene	105.8	0	100	0	106	75.7	122	0	0		
Surr: Dibromofluoromethane	104	0	100	0	104	64.3	124	0	0		
Surr: Toluene-d8	119.7	0	100	0	120	74.9	120	0	0		

Sample ID: LCS-25158		SampType: LCS		TestCode: 8260_5035		Units: ug/Kg		Prep Date: 3/17/2010		Run ID: 5973J_100317A	
Client ID: ZZZZZ		Batch ID: 25158		TestNo: SW8260B		Analysis Date: 3/17/2010		SeqNo: 663276			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	61.4	10.0	60	0	102	65.4	133	0	0		
Benzene	62.76	10.0	60	0	105	78	123	0	0		
Chlorobenzene	56.3	10.0	60	0	93.8	79.5	125	0	0		
Toluene	55.59	10.0	60	0	92.6	77.5	132	0	0		
Trichloroethene	63.97	10.0	60	0	107	72.4	124	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003075
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: LCS-25203	SampType: LCS	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/22/2010	Run ID: 5973J_100322A
Client ID: ZZZZZ	Batch ID: 25203	TestNo: SW8260B		Analysis Date: 3/22/2010	SeqNo: 663880

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	66.5	10.0	60	0	111	65.4	133	0	0		
Benzene	69.81	10.0	60	0	116	78	123	0	0		
Chlorobenzene	60.15	10.0	60	0	100	79.5	125	0	0		
Toluene	59.32	10.0	60	0	98.9	77.5	132	0	0		
Trichloroethene	70.46	10.0	60	0	117	72.4	124	0	0		

Sample ID: LCSD-25158	SampType: LCSD	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/17/2010	Run ID: 5973J_100317A
Client ID: ZZZZZ	Batch ID: 25158	TestNo: SW8260B		Analysis Date: 3/17/2010	SeqNo: 663277

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	64.24	10.0	60	0	107	65.4	133	64.24	0	20	
Benzene	66.64	10.0	60	0	111	78	123	66.64	0	20	
Chlorobenzene	61.37	10.0	60	0	102	79.5	125	61.37	0	20	
Toluene	61	10.0	60	0	102	77.5	132	61	0	20	
Trichloroethene	67.65	10.0	60	0	113	72.4	124	67.65	0	20	

Sample ID: LCSD-25203	SampType: LCSD	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/22/2010	Run ID: 5973J_100322A
Client ID: ZZZZZ	Batch ID: 25203	TestNo: SW8260B		Analysis Date: 3/22/2010	SeqNo: 663881

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	66.94	10.0	60	0	112	65.4	133	66.5	0.659	20	
Benzene	69.58	10.0	60	0	116	78	123	69.81	0.330	20	
Chlorobenzene	60.78	10.0	60	0	101	79.5	125	60.15	1.04	20	
Toluene	60.52	10.0	60	0	101	77.5	132	59.32	2.00	20	
Trichloroethene	70.36	10.0	60	0	117	72.4	124	70.46	0.142	20	

Sample ID: CCB-25158	SampType: CCB	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/17/2010	Run ID: 5973J_100317A
Client ID: ZZZZZ	Batch ID: 25158	TestNo: SW8260B		Analysis Date: 3/18/2010	SeqNo: 663297

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	10.0	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003075
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: CCB-25158	SampType: CCB	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/17/2010	Run ID: 5973J_100317A						
Client ID: ZZZZZ	Batch ID: 25158	TestNo: SW8260B		Analysis Date: 3/18/2010	SeqNo: 663297						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	ND	10.0	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	ND	10.0	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	ND	10.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	ND	10.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	ND	10.0	0	0	0	0	0	0	0	0	
1,1-Dichloropropene	ND	10.0	0	0	0	0	0	0	0	0	
1,2,3-Trichlorobenzene	1.23	10.0	0	0	0	0	0	0	0	0	
1,2,3-Trichloropropane	ND	10.0	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	ND	10.0	0	0	0	0	0	0	0	0	
1,2,4-Trimethylbenzene	0.25	10.0	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	ND	10.0	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	ND	10.0	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	ND	10.0	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	ND	10.0	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	ND	10.0	0	0	0	0	0	0	0	0	
1,3,5-Trimethylbenzene	ND	10.0	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	ND	10.0	0	0	0	0	0	0	0	0	
1,3-Dichloropropane	ND	10.0	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	0.74	10.0	0	0	0	0	0	0	0	0	
2,2-Dichloropropane	ND	10.0	0	0	0	0	0	0	0	0	
2-Butanone	ND	40.0	0	0	0	0	0	0	0	0	
2-Chlorotoluene	ND	10.0	0	0	0	0	0	0	0	0	
2-Hexanone	ND	20.0	0	0	0	0	0	0	0	0	
4-Chlorotoluene	ND	10.0	0	0	0	0	0	0	0	0	
4-Isopropyltoluene	ND	10.0	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	ND	40.0	0	0	0	0	0	0	0	0	
Acetone	12.71	100	0	0	0	0	0	0	0	0	
Benzene	ND	10.0	0	0	0	0	0	0	0	0	
Bromobenzene	ND	10.0	0	0	0	0	0	0	0	0	
Bromochloromethane	ND	10.0	0	0	0	0	0	0	0	0	
Bromodichloromethane	ND	10.0	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003075
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: CCB-25158	SampType: CCB	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/17/2010	Run ID: 5973J_100317A						
Client ID: ZZZZZ	Batch ID: 25158	TestNo: SW8260B		Analysis Date: 3/18/2010	SeqNo: 663297						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromoform	ND	10.0	0	0	0	0	0	0	0	0	
Bromomethane	0.63	10.0	0	0	0	0	0	0	0	0	
Carbon Disulfide	ND	10.0	0	0	0	0	0	0	0	0	
Carbon tetrachloride	ND	10.0	0	0	0	0	0	0	0	0	
Chlorobenzene	ND	10.0	0	0	0	0	0	0	0	0	
Chloroethane	ND	10.0	0	0	0	0	0	0	0	0	
Chloroform	ND	10.0	0	0	0	0	0	0	0	0	
Chloromethane	ND	10.0	0	0	0	0	0	0	0	0	
cis-1,2-Dichloroethene	0.96	10.0	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	ND	10.0	0	0	0	0	0	0	0	0	
Dibromochloromethane	ND	10.0	0	0	0	0	0	0	0	0	
Dibromomethane	ND	10.0	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	ND	10.0	0	0	0	0	0	0	0	0	
Ethylbenzene	0.38	10.0	0	0	0	0	0	0	0	0	
Hexachlorobutadiene	ND	10.0	0	0	0	0	0	0	0	0	
Isopropylbenzene	ND	10.0	0	0	0	0	0	0	0	0	
m,p-Xylene	0.83	20.0	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	ND	10.0	0	0	0	0	0	0	0	0	
Methylene Chloride	15.31	50.0	0	0	0	0	0	0	0	0	
n-Butylbenzene	ND	10.0	0	0	0	0	0	0	0	0	
n-Propylbenzene	ND	10.0	0	0	0	0	0	0	0	0	
Naphthalene	3.11	10.0	0	0	0	0	0	0	0	0	
o-Xylene	0.2	10.0	0	0	0	0	0	0	0	0	
sec-Butylbenzene	ND	10.0	0	0	0	0	0	0	0	0	
Styrene	ND	10.0	0	0	0	0	0	0	0	0	
tert-Butylbenzene	ND	10.0	0	0	0	0	0	0	0	0	
Tetrachloroethene	ND	10.0	0	0	0	0	0	0	0	0	
Toluene	0.17	10.0	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	ND	10.0	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	ND	10.0	0	0	0	0	0	0	0	0	
Trichloroethene	ND	10.0	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003075
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: CCB-25158	SampType: CCB	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/17/2010	Run ID: 5973J_100317A
Client ID: ZZZZZ	Batch ID: 25158	TestNo: SW8260B		Analysis Date: 3/18/2010	SeqNo: 663297

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichlorofluoromethane	ND	10.0	0	0	0	0	0	0	0	0	
Vinyl Chloride	0.65	10.0	0	0	0	0	0	0	0	0	
Surr: 1,2-Dichloroethane-d4	97.95	0	100	0	98	71.5	112	0	0	0	
Surr: 4-Bromofluorobenzene	107.8	0	100	0	108	75.7	122	0	0	0	
Surr: Dibromofluoromethane	107.4	0	100	0	107	64.3	124	0	0	0	
Surr: Toluene-d8	115.9	0	100	0	116	74.9	120	0	0	0	

Sample ID: CCB-25203	SampType: CCB	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/22/2010	Run ID: 5973J_100322A
Client ID: ZZZZZ	Batch ID: 25203	TestNo: SW8260B		Analysis Date: 3/23/2010	SeqNo: 663883

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	10.0	0	0	0	0	0	0	0	0	
1,1,1-Trichloroethane	ND	10.0	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	ND	10.0	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	ND	10.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	ND	10.0	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	ND	10.0	0	0	0	0	0	0	0	0	
1,1-Dichloropropene	ND	10.0	0	0	0	0	0	0	0	0	
1,2,3-Trichlorobenzene	1.03	10.0	0	0	0	0	0	0	0	0	
1,2,3-Trichloropropane	ND	10.0	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	0.87	10.0	0	0	0	0	0	0	0	0	
1,2,4-Trimethylbenzene	ND	10.0	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	ND	10.0	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	ND	10.0	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	0.29	10.0	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	ND	10.0	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	ND	10.0	0	0	0	0	0	0	0	0	
1,3,5-Trimethylbenzene	ND	10.0	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	0.28	10.0	0	0	0	0	0	0	0	0	
1,3-Dichloropropane	ND	10.0	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	0.58	10.0	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003075
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: CCB-25203	SampType: CCB	TestCode: 8260_5035	Units: ug/Kg		Prep Date: 3/22/2010	Run ID: 5973J_100322A					
Client ID: ZZZZZ	Batch ID: 25203	TestNo: SW8260B			Analysis Date: 3/23/2010	SeqNo: 663883					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,2-Dichloropropane	ND	10.0	0	0	0	0	0	0	0	0	
2-Butanone	ND	40.0	0	0	0	0	0	0	0	0	
2-Chlorotoluene	ND	10.0	0	0	0	0	0	0	0	0	
2-Hexanone	ND	20.0	0	0	0	0	0	0	0	0	
4-Chlorotoluene	ND	10.0	0	0	0	0	0	0	0	0	
4-Isopropyltoluene	ND	10.0	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	ND	40.0	0	0	0	0	0	0	0	0	
Acetone	12.82	100	0	0	0	0	0	0	0	0	
Benzene	ND	10.0	0	0	0	0	0	0	0	0	
Bromobenzene	ND	10.0	0	0	0	0	0	0	0	0	
Bromochloromethane	ND	10.0	0	0	0	0	0	0	0	0	
Bromodichloromethane	ND	10.0	0	0	0	0	0	0	0	0	
Bromoform	ND	10.0	0	0	0	0	0	0	0	0	
Bromomethane	0.75	10.0	0	0	0	0	0	0	0	0	
Carbon Disulfide	0.26	10.0	0	0	0	0	0	0	0	0	
Carbon tetrachloride	ND	10.0	0	0	0	0	0	0	0	0	
Chlorobenzene	0.17	10.0	0	0	0	0	0	0	0	0	
Chloroethane	ND	10.0	0	0	0	0	0	0	0	0	
Chloroform	ND	10.0	0	0	0	0	0	0	0	0	
Chloromethane	ND	10.0	0	0	0	0	0	0	0	0	
cis-1,2-Dichloroethene	1.01	10.0	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	ND	10.0	0	0	0	0	0	0	0	0	
Dibromochloromethane	ND	10.0	0	0	0	0	0	0	0	0	
Dibromomethane	ND	10.0	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	ND	10.0	0	0	0	0	0	0	0	0	
Ethylbenzene	0.23	10.0	0	0	0	0	0	0	0	0	
Hexachlorobutadiene	ND	10.0	0	0	0	0	0	0	0	0	
Isopropylbenzene	ND	10.0	0	0	0	0	0	0	0	0	
m,p-Xylene	0.32	20.0	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	ND	10.0	0	0	0	0	0	0	0	0	
Methylene Chloride	23.21	50.0	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003075
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: CCB-25203		SampType: CCB		TestCode: 8260_5035		Units: ug/Kg		Prep Date: 3/22/2010		Run ID: 5973J_100322A	
Client ID: ZZZZZ		Batch ID: 25203		TestNo: SW8260B		Analysis Date: 3/23/2010		SeqNo: 663883			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
n-Butylbenzene	0.22	10.0	0	0	0	0	0	0	0	0	
n-Propylbenzene	0.15	10.0	0	0	0	0	0	0	0	0	
Naphthalene	2.47	10.0	0	0	0	0	0	0	0	0	
o-Xylene	ND	10.0	0	0	0	0	0	0	0	0	
sec-Butylbenzene	ND	10.0	0	0	0	0	0	0	0	0	
Styrene	ND	10.0	0	0	0	0	0	0	0	0	
tert-Butylbenzene	ND	10.0	0	0	0	0	0	0	0	0	
Tetrachloroethene	ND	10.0	0	0	0	0	0	0	0	0	
Toluene	ND	10.0	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	ND	10.0	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	ND	10.0	0	0	0	0	0	0	0	0	
Trichloroethene	ND	10.0	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	ND	10.0	0	0	0	0	0	0	0	0	
Vinyl Chloride	0.53	10.0	0	0	0	0	0	0	0	0	
Surr: 1,2-Dichloroethane-d4	122.8	0	100	0	123	71.5	112	0	0	0	S
Surr: 4-Bromofluorobenzene	111.3	0	100	0	111	75.7	122	0	0	0	
Surr: Dibromofluoromethane	111.1	0	100	0	111	64.3	124	0	0	0	
Surr: Toluene-d8	110.3	0	100	0	110	74.9	120	0	0	0	

Sample ID: CCV-25158		SampType: CCV		TestCode: 8260_5035		Units: ug/Kg		Prep Date: 3/17/2010		Run ID: 5973J_100317A	
Client ID: ZZZZZ		Batch ID: 25158		TestNo: SW8260B		Analysis Date: 3/17/2010		SeqNo: 663274			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	63.3	10.0	60	0	106	80	120	0	0	0	
1,2-Dichloropropane	65.27	10.0	60	0	109	80	120	0	0	0	
Chloroform	60.06	10.0	60	0	100	80	120	0	0	0	
Ethylbenzene	58.45	10.0	60	0	97.4	80	120	0	0	0	
Toluene	55.3	10.0	60	0	92.2	80	120	0	0	0	
Vinyl Chloride	57.95	10.0	60	0	96.6	80	120	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003075
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: CCV-25158	SampType: CCV	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/17/2010	Run ID: 5973J_100317A
Client ID: ZZZZZ	Batch ID: 25158	TestNo: SW8260B		Analysis Date: 3/18/2010	SeqNo: 663296

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	60.52	10.0	60	0	101	80	120	0	0		
1,2-Dichloropropane	62.56	10.0	60	0	104	80	120	0	0		
Chloroform	58.66	10.0	60	0	97.8	80	120	0	0		
Ethylbenzene	55.95	10.0	60	0	93.2	80	120	0	0		
Toluene	53.11	10.0	60	0	88.5	80	120	0	0		
Vinyl Chloride	49.97	10.0	60	0	83.3	80	120	0	0		

Sample ID: CCV-25203	SampType: CCV	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/22/2010	Run ID: 5973J_100322A
Client ID: ZZZZZ	Batch ID: 25203	TestNo: SW8260B		Analysis Date: 3/22/2010	SeqNo: 663870

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	66.73	10.0	60	0	111	80	120	0	0		
1,2-Dichloropropane	65.87	10.0	60	0	110	80	120	0	0		
Chloroform	62.56	10.0	60	0	104	80	120	0	0		
Ethylbenzene	60.75	10.0	60	0	101	80	120	0	0		
Toluene	58.25	10.0	60	0	97.1	80	120	0	0		
Vinyl Chloride	62.12	10.0	60	0	104	80	120	0	0		

Sample ID: CCV-25203	SampType: CCV	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/22/2010	Run ID: 5973J_100322A
Client ID: ZZZZZ	Batch ID: 25203	TestNo: SW8260B		Analysis Date: 3/23/2010	SeqNo: 663882

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	68.6	10.0	60	0	114	80	120	0	0		
1,2-Dichloropropane	66.25	10.0	60	0	110	80	120	0	0		
Chloroform	61.82	10.0	60	0	103	80	120	0	0		
Ethylbenzene	60.18	10.0	60	0	100	80	120	0	0		
Toluene	57.76	10.0	60	0	96.3	80	120	0	0		
Vinyl Chloride	58.26	10.0	60	0	97.1	80	120	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003075
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: MB-25157	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date: 3/15/2010	Run ID: 5973L_100315A						
Client ID: ZZZZZ	Batch ID: 25157	TestNo: SW8260B		Analysis Date: 3/15/2010	SeqNo: 662662						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	1.00									
1,1,1-Trichloroethane	ND	1.00									
1,1,2,2-Tetrachloroethane	ND	1.00									
1,1,2-Trichloroethane	ND	1.00									
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,1-Dichloropropene	ND	1.00									
1,2,3-Trichlorobenzene	0.36	1.00									J
1,2,3-Trichloropropane	ND	1.00									
1,2,4-Trichlorobenzene	0.24	1.00									J
1,2,4-Trimethylbenzene	ND	1.00									
1,2-Dibromo-3-chloropropane	ND	1.00									
1,2-Dibromoethane	ND	1.00									
1,2-Dichlorobenzene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
1,2-Dichloropropane	ND	1.00									
1,3,5-Trimethylbenzene	ND	1.00									
1,3-Dichlorobenzene	ND	1.00									
1,3-Dichloropropane	ND	1.00									
1,4-Dichlorobenzene	ND	1.00									
2,2-Dichloropropane	ND	1.00									
2-Butanone	ND	10.0									
2-Chlorotoluene	ND	1.00									
2-Hexanone	0.34	10.0									J
4-Chlorotoluene	ND	1.00									
4-Isopropyltoluene	ND	1.00									
4-Methyl-2-pentanone	ND	20.0									
Acetone	6.13	50.0									J
Acrylonitrile	ND	5.00									
Benzene	ND	0.300									
Bromobenzene	ND	1.00									

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003075
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: MB-25157	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date: 3/15/2010	Run ID: 5973L_100315A						
Client ID: ZZZZZ	Batch ID: 25157	TestNo: SW8260B		Analysis Date: 3/15/2010	SeqNo: 662662						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromochloromethane	ND	1.00									
Bromodichloromethane	ND	1.00									
Bromoform	ND	1.00									
Bromomethane	ND	1.00									
Carbon disulfide	ND	2.00									
Carbon tetrachloride	ND	1.00									
Chlorobenzene	ND	1.00									
Chloroethane	ND	1.00									
Chloroform	ND	1.00									
Chloromethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
cis-1,3-Dichloropropene	ND	1.00									
Dibromochloromethane	ND	1.00									
Dibromomethane	ND	1.00									
Dichlorodifluoromethane	ND	1.00									
Ethylbenzene	ND	1.00									
Hexachlorobutadiene	ND	1.00									
Isopropylbenzene	ND	1.00									
m,p-Xylene	ND	2.00									
Methyl tert-butyl ether	ND	1.00									
Methylene chloride	6.89	20.0									J
n-Butylbenzene	0.14	1.00									J
n-Propylbenzene	ND	1.00									
Naphthalene	ND	1.00									
o-Xylene	ND	1.00									
sec-Butylbenzene	ND	1.00									
Styrene	ND	1.00									
tert-Butylbenzene	ND	1.00									
Tetrachloroethene	0.13	1.00									J
Toluene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003075
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: MB-25157		SampType: MBLK		TestCode: 8260_W		Units: µg/L		Prep Date: 3/15/2010		Run ID: 5973L_100315A		
Client ID: ZZZZZ		Batch ID: 25157		TestNo: SW8260B				Analysis Date: 3/15/2010		SeqNo: 662662		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
trans-1,3-Dichloropropene	ND	1.00										
Trichloroethene	ND	1.00										
Trichlorofluoromethane	ND	1.00										
Vinyl chloride	ND	1.00										
Surr: 1,2-Dichloroethane-d4	103	0	100	0	103	72.2	129	0	0			
Surr: 4-Bromofluorobenzene	117	0	100	0	117	73.5	125	0	0			
Surr: Dibromofluoromethane	100.6	0	100	0	101	58.8	148	0	0			
Surr: Toluene-d8	108.9	0	100	0	109	79.8	137	0	0			

Sample ID: LCS-25157		SampType: LCS		TestCode: 8260_W		Units: µg/L		Prep Date: 3/15/2010		Run ID: 5973L_100315A		
Client ID: ZZZZZ		Batch ID: 25157		TestNo: SW8260B				Analysis Date: 3/15/2010		SeqNo: 662659		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1-Dichloroethene	39.91	1.00	40	0	99.8	69.9	130	0	0			
Benzene	49.01	0.300	40	0	123	77.9	125	0	0			
Chlorobenzene	38.61	1.00	40	0	96.5	82.5	114	0	0			
Toluene	45.04	1.00	40	0	113	74.6	119	0	0			
Trichloroethene	43.52	1.00	40	0	109	74.7	125	0	0			

Sample ID: 1003075-05AMS		SampType: MS		TestCode: 8260_W		Units: µg/L		Prep Date: 3/15/2010		Run ID: 5973L_100315A		
Client ID: GP61-W-14.5		Batch ID: 25157		TestNo: SW8260B				Analysis Date: 3/15/2010		SeqNo: 662660		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1-Dichloroethene	43.48	1.00	40	0	109	51.4	176	0	0			
Benzene	48.75	0.300	40	0	122	71.5	118	0	0		S	
Chlorobenzene	39.11	1.00	40	0	97.8	79.8	114	0	0			
Toluene	47.35	1.00	40	0	118	79.6	121	0	0			
Trichloroethene	43.55	1.00	40	0.35	108	73.6	120	0	0			

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003075
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: 1003075-05AMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date: 3/15/2010	Run ID: 5973L_100315A						
Client ID: GP61-W-14.5	Batch ID: 25157	TestNo: SW8260B		Analysis Date: 3/15/2010	SeqNo: 662661						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	40.78	1.00	40	0	102	51.4	176	43.48	6.41	20	
Benzene	47.56	0.300	40	0	119	71.5	118	48.75	2.47	20	S
Chlorobenzene	38.46	1.00	40	0	96.2	79.8	114	39.11	1.68	20	
Toluene	45.78	1.00	40	0	114	79.6	121	47.35	3.37	20	
Trichloroethene	41.49	1.00	40	0.35	103	73.6	120	43.55	4.84	20	

Sample ID: CCV-25157	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date: 3/15/2010	Run ID: 5973L_100315A						
Client ID: ZZZZZ	Batch ID: 25157	TestNo: SW8260B		Analysis Date: 3/15/2010	SeqNo: 662658						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	33.47	1.00	40	0	83.7	80	120	0	0		
1,2-Dichloropropane	45.16	1.00	40	0	113	80	120	0	0		
Chloroform	34.22	1.00	40	0	85.6	80	120	0	0		
Ethylbenzene	37.44	1.00	40	0	93.6	80	120	0	0		
Toluene	41.42	1.00	40	0	104	80	120	0	0		
Vinyl chloride	37.61	1.00	40	0	94	80	120	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

KEY TO FLAGS

Rev. May 12, 2010

- A This sample contains a Gasoline Range Organic not identified as a specific hydrocarbon product. The result was quantified against gasoline calibration standards
- A1 This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was quantified against diesel calibration standards.
- A2 This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was quantified against a lube oil calibration standard.
- A3 The result was determined to be Non-Detect based on hydrocarbon pattern recognition. The product was carry-over from another hydrocarbon type.
- A4 The product appears to be aged or degraded diesel.
- B The blank exhibited a positive result great than the reporting limit for this compound.
- CN See Case Narrative.
- D Result is based from a dilution.
- E Result exceeds the calibration range for this compound. The result should be considered as estimate.
- F The positive result for this hydrocarbon is due to single component contamination. The product does not match any hydrocarbon in the fuels library.
- G Result may be biased high due to biogenic interferences. Clean up is recommended.
- H Sample was analyzed outside recommended holding time.
- HT At clients request, samples was analyzed outside of recommended holding time.
- J The result for this analyte is between the MDL and the PQL and should be considered as estimated concentration.
- K Diesel result is biased high due to amount of Oil contained in the sample.
- L Diesel result is biased high due to amount of Gasoline contained in the sample.
- M Oil result is biased high due to amount of Diesel contained in the sample.
- MC Sample concentration is greater than 4x the spiked value, the spiked value is considered insignificant.
- MI Result is outside control limits due to matrix interference.
- MSA Value determined by Method of Standard Addition.
- O Laboratory Control Standard (LCS) exceeded laboratory control limits, but meets CCV criteria. Data meets EPA requirements.
- Q Detection levels elevated due to sample matrix.
- R RPD control limits were exceeded.
- RF Duplicate failed due to result being at or near the method-reporting limit.
- RP Matrix spike values exceed established QC limits; post digestion spike is in control.
- S Recovery is outside control limits.
- SC Closing CCV or LCS exceeded high recovery control limits, but associated samples are non-detect. Data meets EPA requirements.
- * The result for this parameter was greater than the maximum contaminant level of the TCLP regulatory limit.

CHAIN OF CUSTODY RECORD

Specialty Analytical
 11711 SE Capps Road
 Clackamas, OR 97015
 Phone: 503-607-1331
 Fax: 503-607-1336

Contact Person/Project Manager Alan Hughes / Mevi Gibson
 Company MIRA

Address 2001 NW 19th Ave, Ste 200
Portland, OR

Phone _____ Fax _____

Project No. 8006.31.01 Project Name URIC

Project Site Location OR WA X Other _____

Invoice To MIRA P.O. No. _____

Collected By: [Signature]
 Signature _____
 Printed Justin Pounds

Signature _____
 Printed _____

Turn Around Time _____

Normal 5-7 Business Days

Rush _____

Specify _____

Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix
3/9/10	910	GP61-S-0.5	S
	920	GP61-S-2.5	S
	930	GP61-S-5.0	S
	940	GP61-S-14.5	S
	1000	GP61-W-14.5	W
	1023	B9-S-0.5	S
	1030	B9-S-2.5	S
	1100	B9-S-5.0	S
	1100	B9-S-19.0	S
	1120	B9-S-21.5	S
	1200	B9-W-19.0	W

Analyses	For Laboratory Use	
	Lab Job No.	Lab I.D.
No. of Containers	1003015	
Halogenated VOCs	Shipped Via <u>Specialty</u>	
S2608	Air Bill No. _____	
S257A	Temperature On Receipt <u>3</u> °C	
	Specialty Analytical Containers? Y / N	
	Specialty Analytical Trip Blanks? Y / N	
	Comments	
	- see VOC list	
	provided by	
	Mevi Gibson	

Relinquished By:	Date	Time	Relinquished By:	Date	Time
Company: <u>MIRA</u>	<u>3/11</u>	<u>900</u>	Company: <u>Specialty</u>	<u>3/11/10</u>	<u>1454</u>
Received By: _____			Received For Lab By: <u>Mevi Gibson</u>	<u>3/11/10</u>	<u>1450</u>

Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.
 Samples held beyond 60 days subject to storage fee(s)

CHAIN OF CUSTODY RECORD

Specialty Analytical
11711 SE Capps Road
Clackamas, OR 97015
Phone: 503-607-1331
Fax: 503-607-1336

Contact Person/Project Manager Mevi Gibson
Company MFA
Address _____
Phone _____ Fax _____
Project No. 800631.01 Project Name URIC
Project Site Location OR WA X Other _____
Invoice To MFA P.O. No. _____

Collected By:

Signature _____

Printed _____

Justin Pounds

Signature _____

Printed _____

Turn Around Time

Normal 5-7 Business Days

Rush _____

Specify

Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix
3/8/10	1440	GP29-S-12.0	S
	1506	GP24-S-11.0	S
	1400	GP36-S-12.5	S
	1410	GP36-W-12.5	W
	1450	GP29-W-12.0	W
	1530	GP24-W-11.0	W
3/8/10		Trip blank	

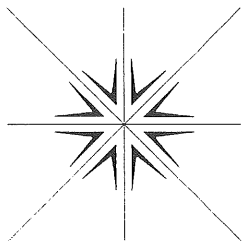
No. of Containers	Analyses		For Laboratory Use		
			Lab Job No.	Shipped Via	Air Bill No.
	Halogenated VOC's		10030NS	Specialty	
	SRSA				
					Temperature On Receipt <u>3</u> °C
					Specialty Analytical Containers? Y/N
					Specialty Analytical Trip Blanks? Y/N
			Comments	Lab I.D.	

Reinquired By:	Company:	Date	Time
<u>Daniel Owen</u>	<u>Specialty</u>	3/11/10	1450

Received By:	Company:	Date	Time
<u>Daniel Owen</u>	<u>Specialty</u>	3/10	900

Reinquired By:	Company:	Received For Lab By:
<u>MFA</u>	<u>Specialty</u>	<u>Alex Pappas</u>

Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt. Samples held beyond 60 days subject to storage fee(s)



Specialty Analytical

11711 SE Capps Road
Clackamas, OR 97015
(503) 607-1331
Fax (503) 607-1336

November 24, 2010

Alan Hughes
Maul, Foster & Alongi
7223 NE Hazel Dell Avenue
Suite B
Vancouver, WA 98665
TEL: (360) 694-2691
FAX: (360) 906-1958

RE: URIC / 8006.31.01
Dear Alan Hughes:

Order No.: 1003144

Specialty Analytical received 13 samples on 3/23/2010 for the analyses presented in the following report.

REVISED REPORT VERSION 1 . Please see case narrative for information on revision.

There were no problems with the analysis and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative, or as qualified with flags. Results apply only to the samples analyzed. Without approval of the laboratory, the reproduction of this report is only permitted in its entirety.


Cindy Hillyard
Project Manager


Technical Review

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Project: URIC / 8006.31.01
Lab Order: 1003144

CASE NARRATIVE

Report Revision 1.

At the request of the client, the full list of compounds for EPA 8260B are reported.

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003144
Project: URIC / 8006.31.01
Lab ID: 1003144-01

Client Sample ID: B9-S-89.0
Collection Date: 3/22/2010 1:00:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
1,1,1-Trichloroethane	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
1,1,2,2-Tetrachloroethane	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
1,1,2-Trichloroethane	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
1,1-Dichloroethane	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
1,1-Dichloroethene	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
1,1-Dichloropropene	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
1,2,3-Trichlorobenzene	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
1,2,3-Trichloropropane	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
1,2,4-Trichlorobenzene	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
1,2,4-Trimethylbenzene	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
1,2-Dibromo-3-chloropropane	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
1,2-Dibromoethane	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
1,2-Dichlorobenzene	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
1,2-Dichloroethane	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
1,2-Dichloropropane	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
1,3,5-Trimethylbenzene	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
1,3-Dichlorobenzene	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
1,3-Dichloropropane	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
1,4-Dichlorobenzene	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
2,2-Dichloropropane	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
2-Butanone	ND	35.8		ug/Kg-dry	1	3/23/2010 5:04:00 PM
2-Chlorotoluene	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
2-Hexanone	ND	17.9		ug/Kg-dry	1	3/23/2010 5:04:00 PM
4-Chlorotoluene	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
4-Isopropyltoluene	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
4-Methyl-2-pentanone	ND	35.8		ug/Kg-dry	1	3/23/2010 5:04:00 PM
Acetone	ND	89.4		ug/Kg-dry	1	3/23/2010 5:04:00 PM
Benzene	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
Bromobenzene	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
Bromochloromethane	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
Bromodichloromethane	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
Bromoform	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
Bromomethane	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
Carbon Disulfide	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
Carbon tetrachloride	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
Chlorobenzene	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
Chloroethane	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
Chloroform	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
Chloromethane	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
cis-1,2-Dichloroethene	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003144
Project: URIC / 8006.31.01
Lab ID: 1003144-01

Client Sample ID: B9-S-89.0
Collection Date: 3/22/2010 1:00:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
Dibromochloromethane	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
Dibromomethane	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
Dichlorodifluoromethane	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
Ethylbenzene	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
Hexachlorobutadiene	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
Isopropylbenzene	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
m,p-Xylene	ND	17.9		ug/Kg-dry	1	3/23/2010 5:04:00 PM
Methyl tert-butyl ether	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
Methylene Chloride	ND	44.7		ug/Kg-dry	1	3/23/2010 5:04:00 PM
n-Butylbenzene	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
n-Propylbenzene	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
Naphthalene	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
o-Xylene	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
sec-Butylbenzene	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
Styrene	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
tert-Butylbenzene	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
Tetrachloroethene	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
Toluene	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
trans-1,2-Dichloroethene	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
trans-1,3-Dichloropropene	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
Trichloroethene	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
Trichlorofluoromethane	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
Vinyl Chloride	ND	8.94		ug/Kg-dry	1	3/23/2010 5:04:00 PM
Surr: 1,2-Dichloroethane-d4	113	71.5-112	S	%REC	1	3/23/2010 5:04:00 PM
Surr: 4-Bromofluorobenzene	108	75.7-122		%REC	1	3/23/2010 5:04:00 PM
Surr: Dibromofluoromethane	108	64.3-124		%REC	1	3/23/2010 5:04:00 PM
Surr: Toluene-d8	111	74.9-120		%REC	1	3/23/2010 5:04:00 PM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003144
Project: URIC / 8006.31.01
Lab ID: 1003144-02

Client Sample ID: B9-W-89.0
Collection Date: 3/22/2010 12:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
2-Butanone	ND	10.0		µg/L	1	3/23/2010 9:41:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
2-Hexanone	ND	10.0		µg/L	1	3/23/2010 9:41:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	3/23/2010 9:41:00 PM
Acetone	ND	50.0		µg/L	1	3/23/2010 9:41:00 PM
Acrylonitrile	ND	5.00		µg/L	1	3/23/2010 9:41:00 PM
Benzene	ND	0.300		µg/L	1	3/23/2010 9:41:00 PM
Bromobenzene	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
Bromochloromethane	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
Bromoform	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
Bromomethane	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
Carbon disulfide	ND	2.00		µg/L	1	3/23/2010 9:41:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
Chlorobenzene	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
Chloroethane	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
Chloroform	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
Chloromethane	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003144
Project: URIC / 8006.31.01
Lab ID: 1003144-02

Client Sample ID: B9-W-89.0
Collection Date: 3/22/2010 12:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
Dibromomethane	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
Ethylbenzene	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
m,p-Xylene	ND	2.00		µg/L	1	3/23/2010 9:41:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
Methylene chloride	ND	20.0		µg/L	1	3/23/2010 9:41:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
Naphthalene	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
o-Xylene	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
Styrene	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
Tetrachloroethene	5.46	1.00		µg/L	1	3/23/2010 9:41:00 PM
Toluene	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
Trichloroethene	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
Vinyl chloride	ND	1.00		µg/L	1	3/23/2010 9:41:00 PM
Surr: 1,2-Dichloroethane-d4	97.3	72.2-129		%REC	1	3/23/2010 9:41:00 PM
Surr: 4-Bromofluorobenzene	102	73.5-125		%REC	1	3/23/2010 9:41:00 PM
Surr: Dibromofluoromethane	93.8	58.8-148		%REC	1	3/23/2010 9:41:00 PM
Surr: Toluene-d8	112	79.8-137		%REC	1	3/23/2010 9:41:00 PM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: B5-S-39.0

Lab Order: 1003144

Collection Date: 3/15/2010 5:00:00 PM

Project: URIC / 8006.31.01

Lab ID: 1003144-03

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
1,1,1-Trichloroethane	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
1,1,2,2-Tetrachloroethane	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
1,1,2-Trichloroethane	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
1,1-Dichloroethane	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
1,1-Dichloroethene	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
1,1-Dichloropropene	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
1,2,3-Trichlorobenzene	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
1,2,3-Trichloropropane	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
1,2,4-Trichlorobenzene	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
1,2,4-Trimethylbenzene	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
1,2-Dibromo-3-chloropropane	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
1,2-Dibromoethane	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
1,2-Dichlorobenzene	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
1,2-Dichloroethane	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
1,2-Dichloropropane	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
1,3,5-Trimethylbenzene	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
1,3-Dichlorobenzene	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
1,3-Dichloropropane	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
1,4-Dichlorobenzene	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
2,2-Dichloropropane	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
2-Butanone	ND	36.5		ug/Kg-dry	1	3/23/2010 5:39:00 PM
2-Chlorotoluene	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
2-Hexanone	ND	18.3		ug/Kg-dry	1	3/23/2010 5:39:00 PM
4-Chlorotoluene	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
4-Isopropyltoluene	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
4-Methyl-2-pentanone	ND	36.5		ug/Kg-dry	1	3/23/2010 5:39:00 PM
Acetone	ND	91.3		ug/Kg-dry	1	3/23/2010 5:39:00 PM
Benzene	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
Bromobenzene	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
Bromochloromethane	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
Bromodichloromethane	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
Bromoform	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
Bromomethane	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
Carbon Disulfide	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
Carbon tetrachloride	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
Chlorobenzene	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
Chloroethane	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
Chloroform	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
Chloromethane	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
cis-1,2-Dichloroethene	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003144
Project: URIC / 8006.31.01
Lab ID: 1003144-03

Client Sample ID: B5-S-39.0
Collection Date: 3/15/2010 5:00:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
Dibromochloromethane	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
Dibromomethane	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
Dichlorodifluoromethane	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
Ethylbenzene	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
Hexachlorobutadiene	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
Isopropylbenzene	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
m,p-Xylene	ND	18.3		ug/Kg-dry	1	3/23/2010 5:39:00 PM
Methyl tert-butyl ether	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
Methylene Chloride	ND	45.7		ug/Kg-dry	1	3/23/2010 5:39:00 PM
n-Butylbenzene	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
n-Propylbenzene	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
Naphthalene	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
o-Xylene	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
sec-Butylbenzene	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
Styrene	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
tert-Butylbenzene	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
Tetrachloroethene	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
Toluene	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
trans-1,2-Dichloroethene	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
trans-1,3-Dichloropropene	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
Trichloroethene	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
Trichlorofluoromethane	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
Vinyl Chloride	ND	9.13		ug/Kg-dry	1	3/23/2010 5:39:00 PM
Surr: 1,2-Dichloroethane-d4	118	71.5-112	S	%REC	1	3/23/2010 5:39:00 PM
Surr: 4-Bromofluorobenzene	111	75.7-122		%REC	1	3/23/2010 5:39:00 PM
Surr: Dibromofluoromethane	109	64.3-124		%REC	1	3/23/2010 5:39:00 PM
Surr: Toluene-d8	109	74.9-120		%REC	1	3/23/2010 5:39:00 PM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: B5-S-42.0

Lab Order: 1003144

Collection Date: 3/15/2010 5:20:00 PM

Project: URIC / 8006.31.01

Lab ID: 1003144-04

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST						Analyst: knt
Hold	Hold				1	3/26/2010

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003144
Project: URIC / 8006.31.01
Lab ID: 1003144-05

Client Sample ID: B5-S-78.0
Collection Date: 3/16/2010 3:00:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/26/2010

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003144
Project: URIC / 8006.31.01
Lab ID: 1003144-06

Client Sample ID: B9-W-75.0
Collection Date: 3/22/2010 9:00:00 AM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM
2-Butanone	ND	10.0		µg/L	1	3/23/2010 10:15:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM
2-Hexanone	ND	10.0		µg/L	1	3/23/2010 10:15:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	3/23/2010 10:15:00 PM
Acetone	ND	50.0		µg/L	1	3/23/2010 10:15:00 PM
Acrylonitrile	ND	5.00		µg/L	1	3/23/2010 10:15:00 PM
Benzene	ND	0.300		µg/L	1	3/23/2010 10:15:00 PM
Bromobenzene	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM
Bromochloromethane	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM
Bromoform	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM
Bromomethane	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM
Carbon disulfide	ND	2.00		µg/L	1	3/23/2010 10:15:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM
Chlorobenzene	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM
Chloroethane	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM
Chloroform	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM
Chloromethane	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003144
Project: URIC / 8006.31.01
Lab ID: 1003144-06

Client Sample ID: B9-W-75.0
Collection Date: 3/22/2010 9:00:00 AM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM
Dibromomethane	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM
Ethylbenzene	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM
m,p-Xylene	ND	2.00		µg/L	1	3/23/2010 10:15:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM
Methylene chloride	ND	20.0		µg/L	1	3/23/2010 10:15:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM
Naphthalene	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM
o-Xylene	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM
Styrene	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM
Tetrachloroethene	5.29	1.00		µg/L	1	3/23/2010 10:15:00 PM
Toluene	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM
Trichloroethene	1.32	1.00		µg/L	1	3/23/2010 10:15:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM
Vinyl chloride	ND	1.00		µg/L	1	3/23/2010 10:15:00 PM
Surr: 1,2-Dichloroethane-d4	98.5	72.2-129		%REC	1	3/23/2010 10:15:00 PM
Surr: 4-Bromofluorobenzene	103	73.5-125		%REC	1	3/23/2010 10:15:00 PM
Surr: Dibromofluoromethane	95.0	58.8-148		%REC	1	3/23/2010 10:15:00 PM
Surr: Toluene-d8	112	79.8-137		%REC	1	3/23/2010 10:15:00 PM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003144
Project: URIC / 8006.31.01
Lab ID: 1003144-07

Client Sample ID: B8-S-60.0
Collection Date: 3/17/2010 4:00:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/26/2010

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: B8-S-40.0

Lab Order: 1003144

Collection Date: 3/17/2010 2:00:00 PM

Project: URIC / 8006.31.01

Lab ID: 1003144-08

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
1,1,1-Trichloroethane	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
1,1,2,2-Tetrachloroethane	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
1,1,2-Trichloroethane	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
1,1-Dichloroethane	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
1,1-Dichloroethene	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
1,1-Dichloropropene	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
1,2,3-Trichlorobenzene	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
1,2,3-Trichloropropane	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
1,2,4-Trichlorobenzene	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
1,2,4-Trimethylbenzene	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
1,2-Dibromo-3-chloropropane	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
1,2-Dibromoethane	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
1,2-Dichlorobenzene	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
1,2-Dichloroethane	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
1,2-Dichloropropane	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
1,3,5-Trimethylbenzene	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
1,3-Dichlorobenzene	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
1,3-Dichloropropane	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
1,4-Dichlorobenzene	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
2,2-Dichloropropane	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
2-Butanone	ND	42.9		ug/Kg-dry	1	3/23/2010 6:14:00 PM
2-Chlorotoluene	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
2-Hexanone	ND	21.4		ug/Kg-dry	1	3/23/2010 6:14:00 PM
4-Chlorotoluene	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
4-Isopropyltoluene	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
4-Methyl-2-pentanone	ND	42.9		ug/Kg-dry	1	3/23/2010 6:14:00 PM
Acetone	ND	107		ug/Kg-dry	1	3/23/2010 6:14:00 PM
Benzene	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
Bromobenzene	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
Bromochloromethane	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
Bromodichloromethane	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
Bromoform	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
Bromomethane	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
Carbon Disulfide	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
Carbon tetrachloride	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
Chlorobenzene	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
Chloroethane	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
Chloroform	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
Chloromethane	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
cis-1,2-Dichloroethene	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: B8-S-40.0

Lab Order: 1003144

Collection Date: 3/17/2010 2:00:00 PM

Project: URIC / 8006.31.01

Lab ID: 1003144-08

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
Dibromochloromethane	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
Dibromomethane	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
Dichlorodifluoromethane	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
Ethylbenzene	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
Hexachlorobutadiene	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
Isopropylbenzene	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
m,p-Xylene	ND	21.4		ug/Kg-dry	1	3/23/2010 6:14:00 PM
Methyl tert-butyl ether	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
Methylene Chloride	ND	53.6		ug/Kg-dry	1	3/23/2010 6:14:00 PM
n-Butylbenzene	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
n-Propylbenzene	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
Naphthalene	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
o-Xylene	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
sec-Butylbenzene	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
Styrene	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
tert-Butylbenzene	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
Tetrachloroethene	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
Toluene	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
trans-1,2-Dichloroethene	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
trans-1,3-Dichloropropene	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
Trichloroethene	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
Trichlorofluoromethane	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
Vinyl Chloride	ND	10.7		ug/Kg-dry	1	3/23/2010 6:14:00 PM
Surr: 1,2-Dichloroethane-d4	123	71.5-112	S	%REC	1	3/23/2010 6:14:00 PM
Surr: 4-Bromofluorobenzene	110	75.7-122		%REC	1	3/23/2010 6:14:00 PM
Surr: Dibromofluoromethane	111	64.3-124		%REC	1	3/23/2010 6:14:00 PM
Surr: Toluene-d8	114	74.9-120		%REC	1	3/23/2010 6:14:00 PM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003144
Project: URIC / 8006.31.01
Lab ID: 1003144-09

Client Sample ID: B8-S-78.0
Collection Date: 3/18/2010 9:30:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	3/26/2010

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: B9-S-42.0

Lab Order: 1003144

Collection Date: 3/19/2010 11:00:00 AM

Project: URIC / 8006.31.01

Lab ID: 1003144-10

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
1,1,1-Trichloroethane	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
1,1,2,2-Tetrachloroethane	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
1,1,2-Trichloroethane	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
1,1-Dichloroethane	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
1,1-Dichloroethene	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
1,1-Dichloropropene	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
1,2,3-Trichlorobenzene	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
1,2,3-Trichloropropane	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
1,2,4-Trichlorobenzene	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
1,2,4-Trimethylbenzene	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
1,2-Dibromo-3-chloropropane	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
1,2-Dibromoethane	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
1,2-Dichlorobenzene	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
1,2-Dichloroethane	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
1,2-Dichloropropane	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
1,3,5-Trimethylbenzene	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
1,3-Dichlorobenzene	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
1,3-Dichloropropane	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
1,4-Dichlorobenzene	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
2,2-Dichloropropane	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
2-Butanone	ND	37.3		ug/Kg-dry	1	3/23/2010 6:48:00 PM
2-Chlorotoluene	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
2-Hexanone	ND	18.7		ug/Kg-dry	1	3/23/2010 6:48:00 PM
4-Chlorotoluene	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
4-Isopropyltoluene	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
4-Methyl-2-pentanone	ND	37.3		ug/Kg-dry	1	3/23/2010 6:48:00 PM
Acetone	ND	93.3		ug/Kg-dry	1	3/23/2010 6:48:00 PM
Benzene	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
Bromobenzene	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
Bromochloromethane	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
Bromodichloromethane	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
Bromoform	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
Bromomethane	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
Carbon Disulfide	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
Carbon tetrachloride	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
Chlorobenzene	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
Chloroethane	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
Chloroform	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
Chloromethane	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
cis-1,2-Dichloroethene	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003144
Project: URIC / 8006.31.01
Lab ID: 1003144-10

Client Sample ID: B9-S-42.0
Collection Date: 3/19/2010 11:00:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
Dibromochloromethane	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
Dibromomethane	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
Dichlorodifluoromethane	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
Ethylbenzene	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
Hexachlorobutadiene	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
Isopropylbenzene	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
m,p-Xylene	ND	18.7		ug/Kg-dry	1	3/23/2010 6:48:00 PM
Methyl tert-butyl ether	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
Methylene Chloride	ND	46.6		ug/Kg-dry	1	3/23/2010 6:48:00 PM
n-Butylbenzene	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
n-Propylbenzene	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
Naphthalene	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
o-Xylene	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
sec-Butylbenzene	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
Styrene	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
tert-Butylbenzene	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
Tetrachloroethene	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
Toluene	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
trans-1,2-Dichloroethene	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
trans-1,3-Dichloropropene	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
Trichloroethene	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
Trichlorofluoromethane	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
Vinyl Chloride	ND	9.33		ug/Kg-dry	1	3/23/2010 6:48:00 PM
Surr: 1,2-Dichloroethane-d4	118	71.5-112	S	%REC	1	3/23/2010 6:48:00 PM
Surr: 4-Bromofluorobenzene	109	75.7-122		%REC	1	3/23/2010 6:48:00 PM
Surr: Dibromofluoromethane	109	64.3-124		%REC	1	3/23/2010 6:48:00 PM
Surr: Toluene-d8	110	74.9-120		%REC	1	3/23/2010 6:48:00 PM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: B9-S-75.0

Lab Order: 1003144

Collection Date: 3/22/2010 8:30:00 AM

Project: URIC / 8006.31.01

Lab ID: 1003144-11

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
1,1,1-Trichloroethane	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
1,1,2,2-Tetrachloroethane	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
1,1,2-Trichloroethane	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
1,1-Dichloroethane	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
1,1-Dichloroethene	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
1,1-Dichloropropene	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
1,2,3-Trichlorobenzene	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
1,2,3-Trichloropropane	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
1,2,4-Trichlorobenzene	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
1,2,4-Trimethylbenzene	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
1,2-Dibromo-3-chloropropane	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
1,2-Dibromoethane	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
1,2-Dichlorobenzene	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
1,2-Dichloroethane	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
1,2-Dichloropropane	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
1,3,5-Trimethylbenzene	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
1,3-Dichlorobenzene	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
1,3-Dichloropropane	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
1,4-Dichlorobenzene	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
2,2-Dichloropropane	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
2-Butanone	ND	35.1		ug/Kg-dry	1	3/23/2010 7:22:00 PM
2-Chlorotoluene	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
2-Hexanone	ND	17.5		ug/Kg-dry	1	3/23/2010 7:22:00 PM
4-Chlorotoluene	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
4-Isopropyltoluene	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
4-Methyl-2-pentanone	ND	35.1		ug/Kg-dry	1	3/23/2010 7:22:00 PM
Acetone	ND	87.7		ug/Kg-dry	1	3/23/2010 7:22:00 PM
Benzene	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
Bromobenzene	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
Bromochloromethane	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
Bromodichloromethane	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
Bromoform	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
Bromomethane	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
Carbon Disulfide	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
Carbon tetrachloride	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
Chlorobenzene	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
Chloroethane	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
Chloroform	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
Chloromethane	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
cis-1,2-Dichloroethene	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003144
Project: URIC / 8006.31.01
Lab ID: 1003144-11

Client Sample ID: B9-S-75.0
Collection Date: 3/22/2010 8:30:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
Dibromochloromethane	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
Dibromomethane	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
Dichlorodifluoromethane	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
Ethylbenzene	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
Hexachlorobutadiene	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
Isopropylbenzene	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
m,p-Xylene	ND	17.5		ug/Kg-dry	1	3/23/2010 7:22:00 PM
Methyl tert-butyl ether	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
Methylene Chloride	ND	43.8		ug/Kg-dry	1	3/23/2010 7:22:00 PM
n-Butylbenzene	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
n-Propylbenzene	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
Naphthalene	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
o-Xylene	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
sec-Butylbenzene	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
Styrene	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
tert-Butylbenzene	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
Tetrachloroethene	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
Toluene	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
trans-1,2-Dichloroethene	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
trans-1,3-Dichloropropene	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
Trichloroethene	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
Trichlorofluoromethane	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
Vinyl Chloride	ND	8.77		ug/Kg-dry	1	3/23/2010 7:22:00 PM
Surr: 1,2-Dichloroethane-d4	116	71.5-112	S	%REC	1	3/23/2010 7:22:00 PM
Surr: 4-Bromofluorobenzene	107	75.7-122		%REC	1	3/23/2010 7:22:00 PM
Surr: Dibromofluoromethane	110	64.3-124		%REC	1	3/23/2010 7:22:00 PM
Surr: Toluene-d8	107	74.9-120		%REC	1	3/23/2010 7:22:00 PM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003144
Project: URIC / 8006.31.01
Lab ID: 1003144-12

Client Sample ID: B9-W-75.0 DUP
Collection Date: 3/22/2010 9:00:00 AM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM
2-Butanone	ND	10.0		µg/L	1	3/23/2010 10:49:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM
2-Hexanone	ND	10.0		µg/L	1	3/23/2010 10:49:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	3/23/2010 10:49:00 PM
Acetone	ND	50.0		µg/L	1	3/23/2010 10:49:00 PM
Acrylonitrile	ND	5.00		µg/L	1	3/23/2010 10:49:00 PM
Benzene	ND	0.300		µg/L	1	3/23/2010 10:49:00 PM
Bromobenzene	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM
Bromochloromethane	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM
Bromoform	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM
Bromomethane	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM
Carbon disulfide	ND	2.00		µg/L	1	3/23/2010 10:49:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM
Chlorobenzene	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM
Chloroethane	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM
Chloroform	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM
Chloromethane	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003144
Project: URIC / 8006.31.01
Lab ID: 1003144-12

Client Sample ID: B9-W-75.0 DUP
Collection Date: 3/22/2010 9:00:00 AM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM
Dibromomethane	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM
Ethylbenzene	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM
m,p-Xylene	ND	2.00		µg/L	1	3/23/2010 10:49:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM
Methylene chloride	ND	20.0		µg/L	1	3/23/2010 10:49:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM
Naphthalene	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM
o-Xylene	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM
Styrene	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM
Tetrachloroethene	5.16	1.00		µg/L	1	3/23/2010 10:49:00 PM
Toluene	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM
Trichloroethene	1.47	1.00		µg/L	1	3/23/2010 10:49:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM
Vinyl chloride	ND	1.00		µg/L	1	3/23/2010 10:49:00 PM
Surr: 1,2-Dichloroethane-d4	99.1	72.2-129		%REC	1	3/23/2010 10:49:00 PM
Surr: 4-Bromofluorobenzene	106	73.5-125		%REC	1	3/23/2010 10:49:00 PM
Surr: Dibromofluoromethane	95.1	58.8-148		%REC	1	3/23/2010 10:49:00 PM
Surr: Toluene-d8	113	79.8-137		%REC	1	3/23/2010 10:49:00 PM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003144
Project: URIC / 8006.31.01
Lab ID: 1003144-13

Client Sample ID: EQUIP-GEO
Collection Date: 3/15/2010 1:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: kmn		
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
2-Butanone	ND	10.0		µg/L	1	3/23/2010 11:24:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
2-Hexanone	ND	10.0		µg/L	1	3/23/2010 11:24:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	3/23/2010 11:24:00 PM
Acetone	ND	50.0		µg/L	1	3/23/2010 11:24:00 PM
Acrylonitrile	ND	5.00		µg/L	1	3/23/2010 11:24:00 PM
Benzene	ND	0.300		µg/L	1	3/23/2010 11:24:00 PM
Bromobenzene	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
Bromochloromethane	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
Bromoform	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
Bromomethane	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
Carbon disulfide	ND	2.00		µg/L	1	3/23/2010 11:24:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
Chlorobenzene	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
Chloroethane	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
Chloroform	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
Chloromethane	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003144
Project: URIC / 8006.31.01
Lab ID: 1003144-13

Client Sample ID: EQUIP-GEO
Collection Date: 3/15/2010 1:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
Dibromomethane	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
Ethylbenzene	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
m,p-Xylene	ND	2.00		µg/L	1	3/23/2010 11:24:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
Methylene chloride	ND	20.0		µg/L	1	3/23/2010 11:24:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
Naphthalene	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
o-Xylene	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
Styrene	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
Tetrachloroethene	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
Toluene	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
Trichloroethene	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
Vinyl chloride	ND	1.00		µg/L	1	3/23/2010 11:24:00 PM
Surr: 1,2-Dichloroethane-d4	94.9	72.2-129		%REC	1	3/23/2010 11:24:00 PM
Surr: 4-Bromofluorobenzene	104	73.5-125		%REC	1	3/23/2010 11:24:00 PM
Surr: Dibromofluoromethane	92.6	58.8-148		%REC	1	3/23/2010 11:24:00 PM
Surr: Toluene-d8	114	79.8-137		%REC	1	3/23/2010 11:24:00 PM

CLIENT: Maul, Foster & Alongi
Work Order: 1003144
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT**TestCode: 8260_5035**

Sample ID: MB-25222	SampType: MBLK	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/23/2010	Run ID: 5973J_100323A						
Client ID: ZZZZZ	Batch ID: 25222	TestNo: SW8260B	Analysis Date: 3/23/2010	SeqNo: 664090							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	10.0									
1,1,1-Trichloroethane	ND	10.0									
1,1,2,2-Tetrachloroethane	ND	10.0									
1,1,2-Trichloroethane	ND	10.0									
1,1-Dichloroethane	ND	10.0									
1,1-Dichloroethene	ND	10.0									
1,1-Dichloropropene	ND	10.0									
1,2,3-Trichlorobenzene	1.03	10.0									J
1,2,3-Trichloropropane	ND	10.0									
1,2,4-Trichlorobenzene	ND	10.0									
1,2,4-Trimethylbenzene	ND	10.0									
1,2-Dibromo-3-chloropropane	ND	10.0									
1,2-Dibromoethane	ND	10.0									
1,2-Dichlorobenzene	ND	10.0									
1,2-Dichloroethane	ND	10.0									
1,2-Dichloropropane	ND	10.0									
1,3,5-Trimethylbenzene	ND	10.0									
1,3-Dichlorobenzene	ND	10.0									
1,3-Dichloropropane	ND	10.0									
1,4-Dichlorobenzene	0.78	10.0									J
2,2-Dichloropropane	ND	10.0									
2-Butanone	ND	40.0									
2-Chlorotoluene	ND	10.0									
2-Hexanone	ND	20.0									
4-Chlorotoluene	ND	10.0									
4-Isopropyltoluene	ND	10.0									
4-Methyl-2-pentanone	ND	40.0									
Acetone	ND	100									
Benzene	ND	10.0									
Bromobenzene	ND	10.0									

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003144
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: MB-25222	SampType: MBLK	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/23/2010	Run ID: 5973J_100323A						
Client ID: ZZZZZ	Batch ID: 25222	TestNo: SW8260B		Analysis Date: 3/23/2010	SeqNo: 664090						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromochloromethane	ND	10.0									
Bromodichloromethane	ND	10.0									
Bromoform	ND	10.0									
Bromomethane	ND	10.0									
Carbon Disulfide	ND	10.0									
Carbon tetrachloride	ND	10.0									
Chlorobenzene	ND	10.0									
Chloroethane	ND	10.0									
Chloroform	ND	10.0									
Chloromethane	ND	10.0									
cis-1,2-Dichloroethene	ND	10.0									
cis-1,3-Dichloropropene	ND	10.0									
Dibromochloromethane	ND	10.0									
Dibromomethane	ND	10.0									
Dichlorodifluoromethane	ND	10.0									
Ethylbenzene	ND	10.0									
Hexachlorobutadiene	ND	10.0									
Isopropylbenzene	ND	10.0									
m,p-Xylene	ND	20.0									
Methyl tert-butyl ether	ND	10.0									
Methylene Chloride	27.18	50.0									J
n-Butylbenzene	ND	10.0									
n-Propylbenzene	ND	10.0									
Naphthalene	2.42	10.0									J
o-Xylene	ND	10.0									
sec-Butylbenzene	ND	10.0									
Styrene	ND	10.0									
tert-Butylbenzene	ND	10.0									
Tetrachloroethene	ND	10.0									
Toluene	ND	10.0									
trans-1,2-Dichloroethene	ND	10.0									

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003144
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: MB-25222		SampType: MBLK		TestCode: 8260_5035		Units: ug/Kg		Prep Date: 3/23/2010		Run ID: 5973J_100323A		
Client ID: ZZZZZ		Batch ID: 25222		TestNo: SW8260B				Analysis Date: 3/23/2010		SeqNo: 664090		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
trans-1,3-Dichloropropene	ND	10.0										
Trichloroethene	ND	10.0										
Trichlorofluoromethane	ND	10.0										
Vinyl Chloride	ND	10.0										
Surr: 1,2-Dichloroethane-d4	118.5	0	100	0	119	71.5	112	0	0		S	
Surr: 4-Bromofluorobenzene	108.7	0	100	0	109	75.7	122	0	0			
Surr: Dibromofluoromethane	109.8	0	100	0	110	64.3	124	0	0			
Surr: Toluene-d8	112.7	0	100	0	113	74.9	120	0	0			

Sample ID: LCS-25222		SampType: LCS		TestCode: 8260_5035		Units: ug/Kg		Prep Date: 3/23/2010		Run ID: 5973J_100323A		
Client ID: ZZZZZ		Batch ID: 25222		TestNo: SW8260B				Analysis Date: 3/23/2010		SeqNo: 664088		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1-Dichloroethene	65.65	10.0	60	0	109	65.4	133	0	0			
Benzene	63.73	10.0	60	0	106	78	123	0	0			
Chlorobenzene	57.61	10.0	60	0	96	79.5	125	0	0			
Toluene	58.46	10.0	60	0	97.4	77.5	132	0	0			
Trichloroethene	65.34	10.0	60	0	109	72.4	124	0	0			

Sample ID: LCSD-25222		SampType: LCSD		TestCode: 8260_5035		Units: ug/Kg		Prep Date: 3/23/2010		Run ID: 5973J_100323A		
Client ID: ZZZZZ		Batch ID: 25222		TestNo: SW8260B				Analysis Date: 3/23/2010		SeqNo: 664089		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1-Dichloroethene	62.56	10.0	60	0	104	65.4	133	65.65	4.82	20		
Benzene	63.64	10.0	60	0	106	78	123	63.73	0.141	20		
Chlorobenzene	57.62	10.0	60	0	96	79.5	125	57.61	0.0174	20		
Toluene	58.3	10.0	60	0	97.2	77.5	132	58.46	0.274	20		
Trichloroethene	64.4	10.0	60	0	107	72.4	124	65.34	1.45	20		

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003144
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: CCV-25222	SampType: CCV	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 3/23/2010	Run ID: 5973J_100323A						
Client ID: ZZZZZ	Batch ID: 25222	TestNo: SW8260B		Analysis Date: 3/23/2010	SeqNo: 664087						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	68.6	10.0	60	0	114	80	120	0	0		
1,2-Dichloropropane	66.25	10.0	60	0	110	80	120	0	0		
Chloroform	61.82	10.0	60	0	103	80	120	0	0		
Ethylbenzene	60.18	10.0	60	0	100	80	120	0	0		
Toluene	57.76	10.0	60	0	96.3	80	120	0	0		
Vinyl Chloride	58.26	10.0	60	0	97.1	80	120	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003144
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: MB-25209	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date: 3/22/2010	Run ID: 5973L_100323A						
Client ID: ZZZZZ	Batch ID: 25209	TestNo: SW8260B		Analysis Date: 3/23/2010	SeqNo: 664078						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	1.00									
1,1,1-Trichloroethane	ND	1.00									
1,1,2,2-Tetrachloroethane	ND	1.00									
1,1,2-Trichloroethane	ND	1.00									
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,1-Dichloropropene	ND	1.00									
1,2,3-Trichlorobenzene	0.49	1.00									J
1,2,3-Trichloropropane	ND	1.00									
1,2,4-Trichlorobenzene	0.3	1.00									J
1,2,4-Trimethylbenzene	ND	1.00									
1,2-Dibromo-3-chloropropane	ND	1.00									
1,2-Dibromoethane	ND	1.00									
1,2-Dichlorobenzene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
1,2-Dichloropropane	ND	1.00									
1,3,5-Trimethylbenzene	ND	1.00									
1,3-Dichlorobenzene	ND	1.00									
1,3-Dichloropropane	ND	1.00									
1,4-Dichlorobenzene	ND	1.00									
2,2-Dichloropropane	ND	1.00									
2-Butanone	ND	10.0									
2-Chlorotoluene	ND	1.00									
2-Hexanone	0.53	10.0									J
4-Chlorotoluene	ND	1.00									
4-Isopropyltoluene	ND	1.00									
4-Methyl-2-pentanone	ND	20.0									
Acetone	2.39	50.0									J
Acrylonitrile	ND	5.00									
Benzene	ND	0.300									
Bromobenzene	ND	1.00									

Qualifiers: ND - Not Detected at the Reporting Limit
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S - Spike Recovery outside accepted recovery limits
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B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003144
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: MB-25209	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date: 3/22/2010	Run ID: 5973L_100323A						
Client ID: ZZZZZ	Batch ID: 25209	TestNo: SW8260B		Analysis Date: 3/23/2010	SeqNo: 664078						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromochloromethane	ND	1.00									
Bromodichloromethane	ND	1.00									
Bromoform	ND	1.00									
Bromomethane	ND	1.00									
Carbon disulfide	ND	2.00									
Carbon tetrachloride	ND	1.00									
Chlorobenzene	0.11	1.00									J
Chloroethane	ND	1.00									
Chloroform	ND	1.00									
Chloromethane	0.26	1.00									J
cis-1,2-Dichloroethene	ND	1.00									
cis-1,3-Dichloropropene	ND	1.00									
Dibromochloromethane	ND	1.00									
Dibromomethane	ND	1.00									
Dichlorodifluoromethane	ND	1.00									
Ethylbenzene	ND	1.00									
Hexachlorobutadiene	ND	1.00									
Isopropylbenzene	ND	1.00									
m,p-Xylene	ND	2.00									
Methyl tert-butyl ether	ND	1.00									
Methylene chloride	7.35	20.0									J
n-Butylbenzene	0.16	1.00									J
n-Propylbenzene	ND	1.00									
Naphthalene	ND	1.00									
o-Xylene	ND	1.00									
sec-Butylbenzene	ND	1.00									
Styrene	ND	1.00									
tert-Butylbenzene	ND	1.00									
Tetrachloroethene	ND	1.00									
Toluene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003144
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: MB-25209	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date: 3/22/2010	Run ID: 5973L_100323A
Client ID: ZZZZZ	Batch ID: 25209	TestNo: SW8260B		Analysis Date: 3/23/2010	SeqNo: 664078

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,3-Dichloropropene	ND	1.00									
Trichloroethene	ND	1.00									
Trichlorofluoromethane	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	95.92	0	100	0	95.9	72.2	129	0	0		
Surr: 4-Bromofluorobenzene	104.2	0	100	0	104	73.5	125	0	0		
Surr: Dibromofluoromethane	88.75	0	100	0	88.8	58.8	148	0	0		
Surr: Toluene-d8	108.1	0	100	0	108	79.8	137	0	0		

Sample ID: LCS-25209	SampType: LCS	TestCode: 8260_W	Units: µg/L	Prep Date: 3/22/2010	Run ID: 5973L_100323A
Client ID: ZZZZZ	Batch ID: 25209	TestNo: SW8260B		Analysis Date: 3/23/2010	SeqNo: 664077

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	32.13	1.00	40	0	80.3	69.9	130	0	0		
Benzene	38.85	0.300	40	0	97.1	77.9	125	0	0		
Chlorobenzene	36.2	1.00	40	0	90.5	82.5	114	0	0		
Toluene	42.52	1.00	40	0	106	74.6	119	0	0		
Trichloroethene	34.65	1.00	40	0	86.6	74.7	125	0	0		

Sample ID: 1003132-05BMS	SampType: MS	TestCode: 8260_W	Units: µg/L	Prep Date: 3/22/2010	Run ID: 5973L_100323A
Client ID: ZZZZZ	Batch ID: 25209	TestNo: SW8260B		Analysis Date: 3/23/2010	SeqNo: 664075

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	38.34	1.00	40	0	95.8	51.4	176	0	0		
Benzene	41.67	0.300	40	0	104	71.5	118	0	0		
Chlorobenzene	38.89	1.00	40	0	97.2	79.8	114	0	0		
Toluene	46.27	1.00	40	0	116	79.6	121	0	0		
Trichloroethene	36.86	1.00	40	0	92.2	73.6	120	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003144
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: 1003132-05BMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date: 3/22/2010	Run ID: 5973L_100323A						
Client ID: ZZZZZ	Batch ID: 25209	TestNo: SW8260B		Analysis Date: 3/23/2010	SeqNo: 664076						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	38.06	1.00	40	0	95.2	51.4	176	38.34	0.733	20	
Benzene	40.4	0.300	40	0	101	71.5	118	41.67	3.09	20	
Chlorobenzene	37.89	1.00	40	0	94.7	79.8	114	38.89	2.60	20	
Toluene	45.8	1.00	40	0	114	79.6	121	46.27	1.02	20	
Trichloroethene	37.01	1.00	40	0	92.5	73.6	120	36.86	0.406	20	

Sample ID: CCV-25209	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date: 3/22/2010	Run ID: 5973L_100323A						
Client ID: ZZZZZ	Batch ID: 25209	TestNo: SW8260B		Analysis Date: 3/23/2010	SeqNo: 664074						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	38.11	1.00	40	0	95.3	80	120	0	0		
1,2-Dichloropropane	42.35	1.00	40	0	106	80	120	0	0		
Chloroform	33.38	1.00	40	0	83.4	80	120	0	0		
Ethylbenzene	42.19	1.00	40	0	105	80	120	0	0		
Toluene	45.56	1.00	40	0	114	80	120	0	0		
Vinyl chloride	32.65	1.00	40	0	81.6	80	120	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

KEY TO FLAGS

Rev. May 12, 2010

- A This sample contains a Gasoline Range Organic not identified as a specific hydrocarbon product. The result was quantified against gasoline calibration standards
- A1 This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was quantified against diesel calibration standards.
- A2 This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was quantified against a lube oil calibration standard.
- A3 The result was determined to be Non-Detect based on hydrocarbon pattern recognition. The product was carry-over from another hydrocarbon type.
- A4 The product appears to be aged or degraded diesel.
- B The blank exhibited a positive result great than the reporting limit for this compound.
- CN See Case Narrative.
- D Result is based from a dilution.
- E Result exceeds the calibration range for this compound. The result should be considered as estimate.
- F The positive result for this hydrocarbon is due to single component contamination. The product does not match any hydrocarbon in the fuels library.
- G Result may be biased high due to biogenic interferences. Clean up is recommended.
- H Sample was analyzed outside recommended holding time.
- HT At clients request, samples was analyzed outside of recommended holding time.
- J The result for this analyte is between the MDL and the PQL and should be considered as estimated concentration.
- K Diesel result is biased high due to amount of Oil contained in the sample.
- L Diesel result is biased high due to amount of Gasoline contained in the sample.
- M Oil result is biased high due to amount of Diesel contained in the sample.
- MC Sample concentration is greater than 4x the spiked value, the spiked value is considered insignificant.
- MI Result is outside control limits due to matrix interference.
- MSA Value determined by Method of Standard Addition.
- O Laboratory Control Standard (LCS) exceeded laboratory control limits, but meets CCV criteria. Data meets EPA requirements.
- Q Detection levels elevated due to sample matrix.
- R RPD control limits were exceeded.
- RF Duplicate failed due to result being at or near the method-reporting limit.
- RP Matrix spike values exceed established QC limits; post digestion spike is in control.
- S Recovery is outside control limits.
- SC Closing CCV or LCS exceeded high recovery control limits, but associated samples are non-detect. Data meets EPA requirements.
- * The result for this parameter was greater than the maximum contaminant level of the TCLP regulatory limit.

CHAIN OF CUSTODY RECORD

Specialty Analytical
 11711 SE Capps Road
 Clackamas, OR 97015
 Phone: 503-607-1331
 Fax: 503-607-1336

Contact Person/Project Manager Alan Hughes / Men Gibson
 Company MFA

Address 2001 NW 19TH Ave, Ste 200
Portland, OR

Phone _____ Fax _____

Project No. SOB6.31.01 Project Name URIC

Project Site Location OR WA X Other _____

Invoice To MFA P.O. No. _____

Collected By: [Signature]
 Signature Justin Pounds
 Printed _____

Signature _____
 Printed _____

Turn Around Time _____

Normal 5-7 Business Days

Rush _____

Specify _____

Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix	No. of Containers	Analyses				For Laboratory Use	
					82608	5055V	Temperature On Receipt	Specialty Analytical Containers?	Specialty Analytical Trip Blanks?	Lab I.D.
3/17/2010	1300	B9-S-89.0	S	4	X	X	50	Y	Y	
3/17/2010	1130	B9-W-89.0	W	3	X	X		Y	Y	
3/15/2010	1700	B5-S-39.0	S	4	X	X		Y	Y	
3/15/2010	1720	B5-S-42.0	S	4	X	X		Y	Y	
3/16/2010	1500	B5-S-78.0	S	3	X	X		Y	Y	
3/17/2010	900	B9-W-75.0	W	3	X	X		Y	Y	
3/17/2010	1600	B8-S-60.0	S	3	X	X		Y	Y	
3/17/2010	1400	B8-S-40.0	S	4	X	X		Y	Y	
3/18/2010	930	B8-S-78.0	S	4	X	X		Y	Y	
3/19/2010	1100	B9-S-42.0	S	4	X	X		Y	Y	
3/22/2010	830	B9-S-75.0	S	4	X	X		Y	Y	
3/22/2010	900	B9-W-75.0-DUP	W	3	X	X		Y	Y	

Comments: * please see VOC list from Men Gibson. please hold additional samples pending analysis

Relinquished By: [Signature] Date: 3/23/10 Company: Specialty Analytical

Received By: [Signature] Date: 3/23/10 Company: Specialty Analytical

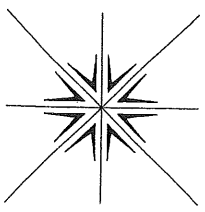
Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.
 Samples held beyond 60 days subject to storage fee(s)

CHAIN OF CUSTODY RECORD

Page 2 of 2

Specialty Analytical

11711 SE Capps Road
Clackamas, OR 97015
Phone: 503-607-1331
Fax: 503-607-1336



Contact Person/Project Manager Alan Hudson / Men 6150m
Company NFA
Address 2001 NW 19TH Ave
Portland, OR
Phone _____ Fax _____
Project No. 5006.31.01 Project Name URIC
Project Site Location OR WA Other _____
Invoice To NFA P.O. No. _____

Collected By: [Signature]
Signature Justin Reynolds
Printed _____

Signature _____
Printed _____

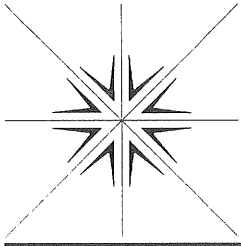
Turn Around Time
 Normal 5-7 Business Days
 Rush _____ Specify _____

Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix	No. of Containers	Analyses		For Laboratory Use
					Relinquished By:	Company:	
3/15/10	1300	Equip-900	W	3	Relinquished Vials	Relinquished By: <u>[Signature]</u> Company: <u>Specialty Analytical</u>	Lab Job No. <u>0031144</u> Shipped Via <u>Specialty</u> Air Bill No. _____ Temperature On Receipt <u>5</u> °C Specialty Analytical Containers? Y / N Specialty Analytical Trip Blanks? Y / N

Relinquished By: [Signature]
Company: Specialty Analytical
Date: 3/23/10
Time: 1330
Received For Lab By: [Signature]
Company: Specialty Analytical
Date: 3/23/10
Time: 1330

Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.
Samples held beyond 60 days subject to storage fee(s)



Specialty Analytical

11711 SE Capps Road
Clackamas, OR 97015
(503) 607-1331
Fax (503) 607-1336

November 24, 2010

Alan Hughes
Maul, Foster & Alongi
7223 NE Hazel Dell Avenue
Suite B
Vancouver, WA 98665
TEL: (360) 694-2691
FAX: (360) 906-1958

RE: URIC / 8006.31.01
Dear Alan Hughes:

Order No.: 1003196

Specialty Analytical received 17 samples on 3/31/2010 for the analyses presented in the following report.

REVISED REPORT VERSION 1 . Please see case narrative for information on revision.

There were no problems with the analysis and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative, or as qualified with flags. Results apply only to the samples analyzed. Without approval of the laboratory, the reproduction of this report is only permitted in its entirety.


Cindy Hillyard
Project Manager


Technical Review

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Project: URIC / 8006.31.01
Lab Order: 1003196

CASE NARRATIVE

Report Revision 1.

At the request of the client, the full list of compounds for EPA 8260B are reported.

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003196
Project: URIC / 8006.31.01
Lab ID: 1003196-01

Client Sample ID: B10-W-57.0
Collection Date: 3/24/2010 1:15:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS						
		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
2-Butanone	ND	10.0		µg/L	1	4/2/2010 11:58:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
2-Hexanone	ND	10.0		µg/L	1	4/2/2010 11:58:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	4/2/2010 11:58:00 PM
Acetone	ND	50.0		µg/L	1	4/2/2010 11:58:00 PM
Acrylonitrile	ND	5.00		µg/L	1	4/2/2010 11:58:00 PM
Benzene	ND	0.300		µg/L	1	4/2/2010 11:58:00 PM
Bromobenzene	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
Bromochloromethane	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
Bromoform	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
Bromomethane	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
Carbon disulfide	ND	2.00		µg/L	1	4/2/2010 11:58:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
Chlorobenzene	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
Chloroethane	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
Chloroform	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
Chloromethane	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003196
Project: URIC / 8006.31.01
Lab ID: 1003196-01

Client Sample ID: B10-W-57.0
Collection Date: 3/24/2010 1:15:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
Dibromomethane	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
Ethylbenzene	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
m,p-Xylene	ND	2.00		µg/L	1	4/2/2010 11:58:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
Methylene chloride	ND	20.0		µg/L	1	4/2/2010 11:58:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
Naphthalene	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
o-Xylene	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
Styrene	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
Tetrachloroethene	4.69	1.00		µg/L	1	4/2/2010 11:58:00 PM
Toluene	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
Trichloroethene	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
Vinyl chloride	ND	1.00		µg/L	1	4/2/2010 11:58:00 PM
Surr: 1,2-Dichloroethane-d4	97.2	72.2-129		%REC	1	4/2/2010 11:58:00 PM
Surr: 4-Bromofluorobenzene	97.2	73.5-125		%REC	1	4/2/2010 11:58:00 PM
Surr: Dibromofluoromethane	95.4	58.8-148		%REC	1	4/2/2010 11:58:00 PM
Surr: Toluene-d8	98.5	79.8-137		%REC	1	4/2/2010 11:58:00 PM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003196
Project: URIC / 8006.31.01
Lab ID: 1003196-02

Client Sample ID: B10-W-33.0
Collection Date: 3/23/2010 4:20:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM
1,1-Dichloroethane	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM
1,1-Dichloroethene	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM
1,1-Dichloropropene	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM
1,2-Dibromoethane	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM
1,2-Dichloroethane	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM
1,2-Dichloropropane	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM
1,3-Dichloropropane	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM
2,2-Dichloropropane	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM
2-Butanone	ND	10.0		µg/L	1	4/3/2010 12:32:00 AM
2-Chlorotoluene	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM
2-Hexanone	ND	10.0		µg/L	1	4/3/2010 12:32:00 AM
4-Chlorotoluene	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM
4-Isopropyltoluene	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	4/3/2010 12:32:00 AM
Acetone	ND	50.0		µg/L	1	4/3/2010 12:32:00 AM
Acrylonitrile	ND	5.00		µg/L	1	4/3/2010 12:32:00 AM
Benzene	ND	0.300		µg/L	1	4/3/2010 12:32:00 AM
Bromobenzene	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM
Bromochloromethane	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM
Bromodichloromethane	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM
Bromoform	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM
Bromomethane	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM
Carbon disulfide	ND	2.00		µg/L	1	4/3/2010 12:32:00 AM
Carbon tetrachloride	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM
Chlorobenzene	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM
Chloroethane	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM
Chloroform	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM
Chloromethane	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: B10-W-33.0

Lab Order: 1003196

Collection Date: 3/23/2010 4:20:00 PM

Project: URIC / 8006.31.01

Lab ID: 1003196-02

Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM
Dibromochloromethane	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM
Dibromomethane	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM
Dichlorodifluoromethane	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM
Ethylbenzene	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM
Hexachlorobutadiene	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM
Isopropylbenzene	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM
m,p-Xylene	ND	2.00		µg/L	1	4/3/2010 12:32:00 AM
Methyl tert-butyl ether	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM
Methylene chloride	ND	20.0		µg/L	1	4/3/2010 12:32:00 AM
n-Butylbenzene	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM
n-Propylbenzene	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM
Naphthalene	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM
o-Xylene	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM
sec-Butylbenzene	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM
Styrene	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM
tert-Butylbenzene	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM
Tetrachloroethene	3.69	1.00		µg/L	1	4/3/2010 12:32:00 AM
Toluene	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM
Trichloroethene	1.36	1.00		µg/L	1	4/3/2010 12:32:00 AM
Trichlorofluoromethane	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM
Vinyl chloride	ND	1.00		µg/L	1	4/3/2010 12:32:00 AM
Surr: 1,2-Dichloroethane-d4	96.5	72.2-129		%REC	1	4/3/2010 12:32:00 AM
Surr: 4-Bromofluorobenzene	98.8	73.5-125		%REC	1	4/3/2010 12:32:00 AM
Surr: Dibromofluoromethane	94.7	58.8-148		%REC	1	4/3/2010 12:32:00 AM
Surr: Toluene-d8	101	79.8-137		%REC	1	4/3/2010 12:32:00 AM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: B10-S-0.5

Lab Order: 1003196

Collection Date: 3/23/2010 9:40:00 AM

Project: URIC / 8006.31.01

Lab ID: 1003196-03

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	4/8/2010

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: B10-S-2.5

Lab Order: 1003196

Collection Date: 3/23/2010 9:50:00 AM

Project: URIC / 8006.31.01

Lab ID: 1003196-04

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	4/8/2010

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003196
Project: URIC / 8006.31.01
Lab ID: 1003196-05

Client Sample ID: B10-S-6.5
Collection Date: 3/23/2010 10:00:00 AM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST			PER CLIENT			Analyst: knt
Hold	Hold				1	4/8/2010

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003196
Project: URIC / 8006.31.01
Lab ID: 1003196-06

Client Sample ID: B10-S-33.0
Collection Date: 3/23/2010 4:20:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
1,1,1-Trichloroethane	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
1,1,2,2-Tetrachloroethane	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
1,1,2-Trichloroethane	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
1,1-Dichloroethane	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
1,1-Dichloroethene	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
1,1-Dichloropropene	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
1,2,3-Trichlorobenzene	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
1,2,3-Trichloropropane	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
1,2,4-Trichlorobenzene	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
1,2,4-Trimethylbenzene	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
1,2-Dibromo-3-chloropropane	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
1,2-Dibromoethane	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
1,2-Dichlorobenzene	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
1,2-Dichloroethane	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
1,2-Dichloropropane	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
1,3,5-Trimethylbenzene	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
1,3-Dichlorobenzene	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
1,3-Dichloropropane	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
1,4-Dichlorobenzene	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
2,2-Dichloropropane	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
2-Butanone	ND	32.8		ug/Kg-dry	1	4/6/2010 11:28:00 AM
2-Chlorotoluene	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
2-Hexanone	ND	16.4		ug/Kg-dry	1	4/6/2010 11:28:00 AM
4-Chlorotoluene	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
4-Isopropyltoluene	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
4-Methyl-2-pentanone	ND	32.8		ug/Kg-dry	1	4/6/2010 11:28:00 AM
Acetone	ND	81.9		ug/Kg-dry	1	4/6/2010 11:28:00 AM
Benzene	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
Bromobenzene	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
Bromochloromethane	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
Bromodichloromethane	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
Bromoform	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
Bromomethane	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
Carbon Disulfide	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
Carbon tetrachloride	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
Chlorobenzene	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
Chloroethane	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
Chloroform	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
Chloromethane	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
cis-1,2-Dichloroethene	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: B10-S-33.0

Lab Order: 1003196

Collection Date: 3/23/2010 4:20:00 PM

Project: URIC / 8006.31.01

Lab ID: 1003196-06

Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
Dibromochloromethane	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
Dibromomethane	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
Dichlorodifluoromethane	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
Ethylbenzene	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
Hexachlorobutadiene	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
Isopropylbenzene	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
m,p-Xylene	ND	16.4		ug/Kg-dry	1	4/6/2010 11:28:00 AM
Methyl tert-butyl ether	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
Methylene Chloride	ND	41.0		ug/Kg-dry	1	4/6/2010 11:28:00 AM
n-Butylbenzene	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
n-Propylbenzene	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
Naphthalene	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
o-Xylene	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
sec-Butylbenzene	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
Styrene	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
tert-Butylbenzene	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
Tetrachloroethene	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
Toluene	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
trans-1,2-Dichloroethene	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
trans-1,3-Dichloropropene	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
Trichloroethene	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
Trichlorofluoromethane	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
Vinyl Chloride	ND	8.19		ug/Kg-dry	1	4/6/2010 11:28:00 AM
Surr: 1,2-Dichloroethane-d4	113	71.5-112	S	%REC	1	4/6/2010 11:28:00 AM
Surr: 4-Bromofluorobenzene	106	75.7-122		%REC	1	4/6/2010 11:28:00 AM
Surr: Dibromofluoromethane	103	64.3-124		%REC	1	4/6/2010 11:28:00 AM
Surr: Toluene-d8	105	74.9-120		%REC	1	4/6/2010 11:28:00 AM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003196
Project: URIC / 8006.31.01
Lab ID: 1003196-07

Client Sample ID: B10-S-57.0
Collection Date: 3/24/2010 12:00:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
1,1,1-Trichloroethane	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
1,1,2,2-Tetrachloroethane	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
1,1,2-Trichloroethane	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
1,1-Dichloroethane	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
1,1-Dichloroethene	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
1,1-Dichloropropene	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
1,2,3-Trichlorobenzene	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
1,2,3-Trichloropropane	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
1,2,4-Trichlorobenzene	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
1,2,4-Trimethylbenzene	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
1,2-Dibromo-3-chloropropane	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
1,2-Dibromoethane	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
1,2-Dichlorobenzene	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
1,2-Dichloroethane	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
1,2-Dichloropropane	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
1,3,5-Trimethylbenzene	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
1,3-Dichlorobenzene	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
1,3-Dichloropropane	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
1,4-Dichlorobenzene	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
2,2-Dichloropropane	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
2-Butanone	ND	37.6		ug/Kg-dry	1	4/6/2010 12:04:00 PM
2-Chlorotoluene	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
2-Hexanone	ND	18.8		ug/Kg-dry	1	4/6/2010 12:04:00 PM
4-Chlorotoluene	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
4-Isopropyltoluene	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
4-Methyl-2-pentanone	ND	37.6		ug/Kg-dry	1	4/6/2010 12:04:00 PM
Acetone	ND	94.1		ug/Kg-dry	1	4/6/2010 12:04:00 PM
Benzene	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
Bromobenzene	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
Bromochloromethane	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
Bromodichloromethane	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
Bromoform	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
Bromomethane	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
Carbon Disulfide	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
Carbon tetrachloride	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
Chlorobenzene	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
Chloroethane	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
Chloroform	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
Chloromethane	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
cis-1,2-Dichloroethene	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003196
Project: URIC / 8006.31.01
Lab ID: 1003196-07

Client Sample ID: B10-S-57.0
Collection Date: 3/24/2010 12:00:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
Dibromochloromethane	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
Dibromomethane	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
Dichlorodifluoromethane	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
Ethylbenzene	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
Hexachlorobutadiene	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
Isopropylbenzene	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
m,p-Xylene	ND	18.8		ug/Kg-dry	1	4/6/2010 12:04:00 PM
Methyl tert-butyl ether	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
Methylene Chloride	ND	47.1		ug/Kg-dry	1	4/6/2010 12:04:00 PM
n-Butylbenzene	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
n-Propylbenzene	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
Naphthalene	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
o-Xylene	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
sec-Butylbenzene	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
Styrene	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
tert-Butylbenzene	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
Tetrachloroethene	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
Toluene	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
trans-1,2-Dichloroethene	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
trans-1,3-Dichloropropene	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
Trichloroethene	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
Trichlorofluoromethane	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
Vinyl Chloride	ND	9.41		ug/Kg-dry	1	4/6/2010 12:04:00 PM
Surr: 1,2-Dichloroethane-d4	109	71.5-112		%REC	1	4/6/2010 12:04:00 PM
Surr: 4-Bromofluorobenzene	105	75.7-122		%REC	1	4/6/2010 12:04:00 PM
Surr: Dibromofluoromethane	103	64.3-124		%REC	1	4/6/2010 12:04:00 PM
Surr: Toluene-d8	105	74.9-120		%REC	1	4/6/2010 12:04:00 PM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003196
Project: URIC / 8006.31.01
Lab ID: 1003196-08

Client Sample ID: B11-S-0.5
Collection Date: 3/25/2010 9:00:00 AM
Matrix: SOIL

Analyses	Result	Limit Qual Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST		PER CLIENT		Analyst: knt
Hold	Hold		1	4/8/2010

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003196
Project: URIC / 8006.31.01
Lab ID: 1003196-09

Client Sample ID: B11-S-5.0
Collection Date: 3/25/2010 9:10:00 AM
Matrix: SOIL

Analyses	Result	Limit Qual Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST		PER CLIENT		Analyst: knt
Hold	Hold		1	4/8/2010

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003196
Project: URIC / 8006.31.01
Lab ID: 1003196-10

Client Sample ID: B11-S-14.5
Collection Date: 3/25/2010 9:30:00 AM
Matrix: SOIL

Analyses	Result	Limit Qual Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST		PER CLIENT		Analyst: knt
Hold	Hold		1	4/8/2010

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003196
Project: URIC / 8006.31.01
Lab ID: 1003196-11

Client Sample ID: B11-S-17.0
Collection Date: 3/25/2010 10:00:00 AM
Matrix: SOIL

Analyses	Result	Limit Qual Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST		PER CLIENT		Analyst: knt
Hold	Hold		1	4/8/2010

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: B11-W-88.0

Lab Order: 1003196

Collection Date: 3/26/2010 1:00:00 PM

Project: URIC / 8006.31.01

Lab ID: 1003196-12

Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
1,1-Dichloroethane	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
1,1-Dichloroethene	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
1,1-Dichloropropene	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
1,2-Dibromoethane	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
1,2-Dichloroethane	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
1,2-Dichloropropane	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
1,3-Dichloropropane	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
2,2-Dichloropropane	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
2-Butanone	ND	10.0		µg/L	1	4/3/2010 1:06:00 AM
2-Chlorotoluene	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
2-Hexanone	ND	10.0		µg/L	1	4/3/2010 1:06:00 AM
4-Chlorotoluene	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
4-Isopropyltoluene	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	4/3/2010 1:06:00 AM
Acetone	ND	50.0		µg/L	1	4/3/2010 1:06:00 AM
Acrylonitrile	ND	5.00		µg/L	1	4/3/2010 1:06:00 AM
Benzene	ND	0.300		µg/L	1	4/3/2010 1:06:00 AM
Bromobenzene	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
Bromochloromethane	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
Bromodichloromethane	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
Bromoform	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
Bromomethane	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
Carbon disulfide	ND	2.00		µg/L	1	4/3/2010 1:06:00 AM
Carbon tetrachloride	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
Chlorobenzene	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
Chloroethane	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
Chloroform	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
Chloromethane	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003196
Project: URIC / 8006.31.01
Lab ID: 1003196-12

Client Sample ID: B11-W-88.0
Collection Date: 3/26/2010 1:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
Dibromochloromethane	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
Dibromomethane	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
Dichlorodifluoromethane	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
Ethylbenzene	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
Hexachlorobutadiene	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
Isopropylbenzene	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
m,p-Xylene	ND	2.00		µg/L	1	4/3/2010 1:06:00 AM
Methyl tert-butyl ether	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
Methylene chloride	ND	20.0		µg/L	1	4/3/2010 1:06:00 AM
n-Butylbenzene	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
n-Propylbenzene	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
Naphthalene	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
o-Xylene	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
sec-Butylbenzene	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
Styrene	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
tert-Butylbenzene	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
Tetrachloroethene	1.81	1.00		µg/L	1	4/3/2010 1:06:00 AM
Toluene	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
Trichloroethene	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
Trichlorofluoromethane	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
Vinyl chloride	ND	1.00		µg/L	1	4/3/2010 1:06:00 AM
Surr: 1,2-Dichloroethane-d4	95.4	72.2-129		%REC	1	4/3/2010 1:06:00 AM
Surr: 4-Bromofluorobenzene	100	73.5-125		%REC	1	4/3/2010 1:06:00 AM
Surr: Dibromofluoromethane	94.6	58.8-148		%REC	1	4/3/2010 1:06:00 AM
Surr: Toluene-d8	103	79.8-137		%REC	1	4/3/2010 1:06:00 AM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003196
Project: URIC / 8006.31.01
Lab ID: 1003196-13

Client Sample ID: B11-S-88.0
Collection Date: 3/26/2010 12:00:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
1,1,1-Trichloroethane	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
1,1,2,2-Tetrachloroethane	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
1,1,2-Trichloroethane	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
1,1-Dichloroethane	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
1,1-Dichloroethene	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
1,1-Dichloropropene	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
1,2,3-Trichlorobenzene	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
1,2,3-Trichloropropane	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
1,2,4-Trichlorobenzene	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
1,2,4-Trimethylbenzene	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
1,2-Dibromo-3-chloropropane	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
1,2-Dibromoethane	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
1,2-Dichlorobenzene	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
1,2-Dichloroethane	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
1,2-Dichloropropane	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
1,3,5-Trimethylbenzene	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
1,3-Dichlorobenzene	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
1,3-Dichloropropane	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
1,4-Dichlorobenzene	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
2,2-Dichloropropane	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
2-Butanone	ND	31.1		ug/Kg-dry	1	4/6/2010 12:40:00 PM
2-Chlorotoluene	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
2-Hexanone	ND	15.6		ug/Kg-dry	1	4/6/2010 12:40:00 PM
4-Chlorotoluene	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
4-Isopropyltoluene	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
4-Methyl-2-pentanone	ND	31.1		ug/Kg-dry	1	4/6/2010 12:40:00 PM
Acetone	ND	77.8		ug/Kg-dry	1	4/6/2010 12:40:00 PM
Benzene	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
Bromobenzene	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
Bromochloromethane	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
Bromodichloromethane	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
Bromoform	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
Bromomethane	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
Carbon Disulfide	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
Carbon tetrachloride	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
Chlorobenzene	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
Chloroethane	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
Chloroform	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
Chloromethane	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
cis-1,2-Dichloroethene	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003196
Project: URIC / 8006.31.01
Lab ID: 1003196-13

Client Sample ID: B11-S-88.0
Collection Date: 3/26/2010 12:00:00 PM
Matrix: SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		SW8260B				Analyst: kmn
cis-1,3-Dichloropropene	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
Dibromochloromethane	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
Dibromomethane	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
Dichlorodifluoromethane	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
Ethylbenzene	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
Hexachlorobutadiene	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
Isopropylbenzene	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
m,p-Xylene	ND	15.6		ug/Kg-dry	1	4/6/2010 12:40:00 PM
Methyl tert-butyl ether	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
Methylene Chloride	ND	38.9		ug/Kg-dry	1	4/6/2010 12:40:00 PM
n-Butylbenzene	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
n-Propylbenzene	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
Naphthalene	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
o-Xylene	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
sec-Butylbenzene	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
Styrene	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
tert-Butylbenzene	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
Tetrachloroethene	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
Toluene	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
trans-1,2-Dichloroethene	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
trans-1,3-Dichloropropene	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
Trichloroethene	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
Trichlorofluoromethane	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
Vinyl Chloride	ND	7.78		ug/Kg-dry	1	4/6/2010 12:40:00 PM
Surr: 1,2-Dichloroethane-d4	106	71.5-112		%REC	1	4/6/2010 12:40:00 PM
Surr: 4-Bromofluorobenzene	107	75.7-122		%REC	1	4/6/2010 12:40:00 PM
Surr: Dibromofluoromethane	103	64.3-124		%REC	1	4/6/2010 12:40:00 PM
Surr: Toluene-d8	106	74.9-120		%REC	1	4/6/2010 12:40:00 PM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003196
Project: URIC / 8006.31.01
Lab ID: 1003196-14

Client Sample ID: Equip-Sonic
Collection Date: 3/26/2010 4:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
1,1-Dichloroethane	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
1,1-Dichloroethene	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
1,1-Dichloropropene	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
1,2-Dibromoethane	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
1,2-Dichloroethane	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
1,2-Dichloropropane	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
1,3-Dichloropropane	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
2,2-Dichloropropane	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
2-Butanone	ND	10.0		µg/L	1	4/3/2010 1:40:00 AM
2-Chlorotoluene	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
2-Hexanone	ND	10.0		µg/L	1	4/3/2010 1:40:00 AM
4-Chlorotoluene	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
4-Isopropyltoluene	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	4/3/2010 1:40:00 AM
Acetone	ND	50.0		µg/L	1	4/3/2010 1:40:00 AM
Acrylonitrile	ND	5.00		µg/L	1	4/3/2010 1:40:00 AM
Benzene	ND	0.300		µg/L	1	4/3/2010 1:40:00 AM
Bromobenzene	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
Bromochloromethane	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
Bromodichloromethane	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
Bromoform	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
Bromomethane	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
Carbon disulfide	ND	2.00		µg/L	1	4/3/2010 1:40:00 AM
Carbon tetrachloride	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
Chlorobenzene	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
Chloroethane	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
Chloroform	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
Chloromethane	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003196
Project: URIC / 8006.31.01
Lab ID: 1003196-14

Client Sample ID: Equip-Sonic
Collection Date: 3/26/2010 4:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
Dibromochloromethane	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
Dibromomethane	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
Dichlorodifluoromethane	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
Ethylbenzene	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
Hexachlorobutadiene	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
Isopropylbenzene	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
m,p-Xylene	ND	2.00		µg/L	1	4/3/2010 1:40:00 AM
Methyl tert-butyl ether	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
Methylene chloride	ND	20.0		µg/L	1	4/3/2010 1:40:00 AM
n-Butylbenzene	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
n-Propylbenzene	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
Naphthalene	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
o-Xylene	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
sec-Butylbenzene	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
Styrene	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
tert-Butylbenzene	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
Tetrachloroethene	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
Toluene	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
Trichloroethene	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
Trichlorofluoromethane	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
Vinyl chloride	ND	1.00		µg/L	1	4/3/2010 1:40:00 AM
Surr: 1,2-Dichloroethane-d4	95.6	72.2-129		%REC	1	4/3/2010 1:40:00 AM
Surr: 4-Bromofluorobenzene	103	73.5-125		%REC	1	4/3/2010 1:40:00 AM
Surr: Dibromofluoromethane	90.8	58.8-148		%REC	1	4/3/2010 1:40:00 AM
Surr: Toluene-d8	105	79.8-137		%REC	1	4/3/2010 1:40:00 AM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003196
Project: URIC / 8006.31.01
Lab ID: 1003196-15

Client Sample ID: Trip Blank
Collection Date: 3/26/2010
Matrix: AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
2-Butanone	ND	10.0		µg/L	1	4/2/2010 9:05:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
2-Hexanone	ND	10.0		µg/L	1	4/2/2010 9:05:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	4/2/2010 9:05:00 PM
Acetone	ND	50.0		µg/L	1	4/2/2010 9:05:00 PM
Acrylonitrile	ND	5.00		µg/L	1	4/2/2010 9:05:00 PM
Benzene	ND	0.300		µg/L	1	4/2/2010 9:05:00 PM
Bromobenzene	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
Bromochloromethane	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
Bromoform	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
Bromomethane	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
Carbon disulfide	ND	2.00		µg/L	1	4/2/2010 9:05:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
Chlorobenzene	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
Chloroethane	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
Chloroform	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
Chloromethane	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003196
Project: URIC / 8006.31.01
Lab ID: 1003196-15

Client Sample ID: Trip Blank
Collection Date: 3/26/2010
Matrix: AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
Dibromomethane	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
Ethylbenzene	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
m,p-Xylene	ND	2.00		µg/L	1	4/2/2010 9:05:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
Methylene chloride	ND	20.0		µg/L	1	4/2/2010 9:05:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
Naphthalene	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
o-Xylene	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
Styrene	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
Tetrachloroethene	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
Toluene	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
Trichloroethene	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
Vinyl chloride	ND	1.00		µg/L	1	4/2/2010 9:05:00 PM
Surr: 1,2-Dichloroethane-d4	94.1	72.2-129		%REC	1	4/2/2010 9:05:00 PM
Surr: 4-Bromofluorobenzene	103	73.5-125		%REC	1	4/2/2010 9:05:00 PM
Surr: Dibromofluoromethane	87.6	58.8-148		%REC	1	4/2/2010 9:05:00 PM
Surr: Toluene-d8	107	79.8-137		%REC	1	4/2/2010 9:05:00 PM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003196
Project: URIC / 8006.31.01
Lab ID: 1003196-16

Client Sample ID: B10-S-50.0
Collection Date: 3/24/2010 11:00:00 AM
Matrix: SOIL

Analyses	Result	Limit Qual Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST		PER CLIENT		Analyst: knt
Hold	Hold		1	4/8/2010

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1003196
Project: URIC / 8006.31.01
Lab ID: 1003196-17

Client Sample ID: B11-S-82.0
Collection Date: 3/26/2010 11:25:00 AM
Matrix: SOIL

Analyses	Result	Limit Qual Units	DF	Date Analyzed
HOLD PER CLIENT REQUEST		PER CLIENT		Analyst: knt
Hold	Hold		1	4/8/2010

CLIENT: Maul, Foster & Alongi
Work Order: 1003196
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: MB-25323	SampType: MBLK	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 4/6/2010	Run ID: 5973J_100406A						
Client ID: ZZZZZ	Batch ID: 25323	TestNo: SW8260B	Analysis Date: 4/6/2010	SeqNo: 666870							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	10.0									
1,1,1-Trichloroethane	ND	10.0									
1,1,2,2-Tetrachloroethane	ND	10.0									
1,1,2-Trichloroethane	ND	10.0									
1,1-Dichloroethane	ND	10.0									
1,1-Dichloroethene	ND	10.0									
1,1-Dichloropropene	ND	10.0									
1,2,3-Trichlorobenzene	1.12	10.0									J
1,2,3-Trichloropropane	ND	10.0									
1,2,4-Trichlorobenzene	1.03	10.0									J
1,2,4-Trimethylbenzene	ND	10.0									
1,2-Dibromo-3-chloropropane	ND	10.0									
1,2-Dibromoethane	ND	10.0									
1,2-Dichlorobenzene	ND	10.0									
1,2-Dichloroethane	ND	10.0									
1,2-Dichloropropane	ND	10.0									
1,3,5-Trimethylbenzene	ND	10.0									
1,3-Dichlorobenzene	ND	10.0									
1,3-Dichloropropane	ND	10.0									
1,4-Dichlorobenzene	1.08	10.0									J
2,2-Dichloropropane	ND	10.0									
2-Butanone	ND	40.0									
2-Chlorotoluene	ND	10.0									
2-Hexanone	ND	20.0									
4-Chlorotoluene	ND	10.0									
4-Isopropyltoluene	ND	10.0									
4-Methyl-2-pentanone	ND	40.0									
Acetone	18.8	100									J
Benzene	ND	10.0									
Bromobenzene	ND	10.0									

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003196
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: MB-25323	SampType: MBLK	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 4/6/2010	Run ID: 5973J_100406A						
Client ID: ZZZZZ	Batch ID: 25323	TestNo: SW8260B		Analysis Date: 4/6/2010	SeqNo: 666870						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromochloromethane	ND	10.0									
Bromodichloromethane	ND	10.0									
Bromoform	ND	10.0									
Bromomethane	ND	10.0									
Carbon Disulfide	ND	10.0									
Carbon tetrachloride	ND	10.0									
Chlorobenzene	ND	10.0									
Chloroethane	ND	10.0									
Chloroform	ND	10.0									
Chloromethane	ND	10.0									
cis-1,2-Dichloroethene	ND	10.0									
cis-1,3-Dichloropropene	ND	10.0									
Dibromochloromethane	ND	10.0									
Dibromomethane	ND	10.0									
Dichlorodifluoromethane	ND	10.0									
Ethylbenzene	1.07	10.0									J
Hexachlorobutadiene	ND	10.0									
Isopropylbenzene	ND	10.0									
m,p-Xylene	3.72	20.0									J
Methyl tert-butyl ether	ND	10.0									
Methylene Chloride	ND	50.0									
n-Butylbenzene	ND	10.0									
n-Propylbenzene	ND	10.0									
Naphthalene	2.36	10.0									J
o-Xylene	ND	10.0									
sec-Butylbenzene	ND	10.0									
Styrene	ND	10.0									
tert-Butylbenzene	ND	10.0									
Tetrachloroethene	ND	10.0									
Toluene	ND	10.0									
trans-1,2-Dichloroethene	ND	10.0									

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003196
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: MB-25323	SampType: MBLK	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 4/6/2010	Run ID: 5973J_100406A						
Client ID: ZZZZZ	Batch ID: 25323	TestNo: SW8260B		Analysis Date: 4/6/2010	SeqNo: 666870						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,3-Dichloropropene	ND	10.0									
Trichloroethene	ND	10.0									
Trichlorofluoromethane	ND	10.0									
Vinyl Chloride	ND	10.0									
Surr: 1,2-Dichloroethane-d4	80.49	0	100	0	80.5	71.5	112	0	0		
Surr: 4-Bromofluorobenzene	93.55	0	100	0	93.6	75.7	122	0	0		
Surr: Dibromofluoromethane	95.26	0	100	0	95.3	64.3	124	0	0		
Surr: Toluene-d8	121.3	0	100	0	121	74.9	120	0	0		S

Sample ID: LCS-25323	SampType: LCS	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 4/6/2010	Run ID: 5973J_100406A						
Client ID: ZZZZZ	Batch ID: 25323	TestNo: SW8260B		Analysis Date: 4/6/2010	SeqNo: 666868						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	55.83	10.0	60	0	93	65.4	133	0	0		
Benzene	60.8	10.0	60	0	101	78	123	0	0		
Chlorobenzene	53.43	10.0	60	0	89	79.5	125	0	0		
Toluene	56.99	10.0	60	0	95	77.5	132	0	0		
Trichloroethene	60.78	10.0	60	0	101	72.4	124	0	0		

Sample ID: LCSD-25323	SampType: LCSD	TestCode: 8260_5035	Units: ug/Kg	Prep Date: 4/6/2010	Run ID: 5973J_100406A						
Client ID: ZZZZZ	Batch ID: 25323	TestNo: SW8260B		Analysis Date: 4/6/2010	SeqNo: 666869						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	56.91	10.0	60	0	94.8	65.4	133	55.83	1.92	20	
Benzene	62.52	10.0	60	0	104	78	123	60.8	2.79	20	
Chlorobenzene	55.18	10.0	60	0	92	79.5	125	53.43	3.22	20	
Toluene	57.01	10.0	60	0	95	77.5	132	56.99	0.0351	20	
Trichloroethene	61.57	10.0	60	0	103	72.4	124	60.78	1.29	20	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003196
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_5035

Sample ID: CCV-25323	SampType: CCV	TestCode: 8260_5035	Units: ug/Kg		Prep Date:	Run ID: 5973J_100406A					
Client ID: ZZZZZ	Batch ID: 25323	TestNo: SW8260B			Analysis Date: 4/6/2010	SeqNo: 666867					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	53.71	10.0	60	0	89.5	80	120	0	0		
1,2-Dichloropropane	54.29	10.0	60	0	90.5	80	120	0	0		
Chloroform	52.04	10.0	60	0	86.7	80	120	0	0		
Ethylbenzene	55.62	10.0	60	0	92.7	80	120	0	0		
Toluene	54.17	10.0	60	0	90.3	80	120	0	0		
Vinyl Chloride	50.24	10.0	60	0	83.7	80	120	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003196
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: MB-25304	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date: 4/1/2010	Run ID: 5973L_100402A
Client ID: ZZZZZ	Batch ID: 25304	TestNo: SW8260B		Analysis Date: 4/2/2010	SeqNo: 666510

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	1.00									
1,1,1-Trichloroethane	ND	1.00									
1,1,2,2-Tetrachloroethane	ND	1.00									
1,1,2-Trichloroethane	ND	1.00									
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,1-Dichloropropene	ND	1.00									
1,2,3-Trichlorobenzene	ND	1.00									
1,2,3-Trichloropropane	ND	1.00									
1,2,4-Trichlorobenzene	ND	1.00									
1,2,4-Trimethylbenzene	ND	1.00									
1,2-Dibromo-3-chloropropane	ND	1.00									
1,2-Dibromoethane	ND	1.00									
1,2-Dichlorobenzene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
1,2-Dichloropropane	ND	1.00									
1,3,5-Trimethylbenzene	ND	1.00									
1,3-Dichlorobenzene	ND	1.00									
1,3-Dichloropropane	ND	1.00									
1,4-Dichlorobenzene	0.13	1.00									J
2,2-Dichloropropane	ND	1.00									
2-Butanone	ND	10.0									
2-Chlorotoluene	ND	1.00									
2-Hexanone	ND	10.0									
4-Chlorotoluene	ND	1.00									
4-Isopropyltoluene	ND	1.00									
4-Methyl-2-pentanone	ND	20.0									
Acetone	2.04	50.0									J
Acrylonitrile	ND	5.00									
Benzene	ND	0.300									
Bromobenzene	ND	1.00									

Qualifiers: ND - Not Detected at the Reporting Limit
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 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003196
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: MB-25304	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date: 4/1/2010	Run ID: 5973L_100402A
Client ID: ZZZZZ	Batch ID: 25304	TestNo: SW8260B		Analysis Date: 4/2/2010	SeqNo: 666510

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromochloromethane	ND	1.00									
Bromodichloromethane	ND	1.00									
Bromoform	ND	1.00									
Bromomethane	ND	1.00									
Carbon disulfide	ND	2.00									
Carbon tetrachloride	ND	1.00									
Chlorobenzene	ND	1.00									
Chloroethane	ND	1.00									
Chloroform	ND	1.00									
Chloromethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
cis-1,3-Dichloropropene	ND	1.00									
Dibromochloromethane	ND	1.00									
Dibromomethane	ND	1.00									
Dichlorodifluoromethane	ND	1.00									
Ethylbenzene	ND	1.00									
Hexachlorobutadiene	ND	1.00									
Isopropylbenzene	ND	1.00									
m,p-Xylene	ND	2.00									
Methyl tert-butyl ether	ND	1.00									
Methylene chloride	11.14	20.0									J
n-Butylbenzene	ND	1.00									
n-Propylbenzene	ND	1.00									
Naphthalene	0.72	1.00									J
o-Xylene	ND	1.00									
sec-Butylbenzene	ND	1.00									
Styrene	ND	1.00									
tert-Butylbenzene	ND	1.00									
Tetrachloroethene	ND	1.00									
Toluene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									

Qualifiers: ND - Not Detected at the Reporting Limit
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 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003196
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: MB-25304		SampType: MBLK		TestCode: 8260_W		Units: µg/L		Prep Date: 4/1/2010		Run ID: 5973L_100402A		
Client ID: ZZZZZ		Batch ID: 25304		TestNo: SW8260B				Analysis Date: 4/2/2010		SeqNo: 666510		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
trans-1,3-Dichloropropene	ND	1.00										
Trichloroethene	ND	1.00										
Trichlorofluoromethane	ND	1.00										
Vinyl chloride	ND	1.00										
Surr: 1,2-Dichloroethane-d4	96.83	0	100	0	96.8	72.2	129	0	0			
Surr: 4-Bromofluorobenzene	100.1	0	100	0	100	73.5	125	0	0			
Surr: Dibromofluoromethane	92.16	0	100	0	92.2	58.8	148	0	0			
Surr: Toluene-d8	94.08	0	100	0	94.1	79.8	137	0	0			

Sample ID: LCS-25304		SampType: LCS		TestCode: 8260_W		Units: µg/L		Prep Date: 4/1/2010		Run ID: 5973L_100402A		
Client ID: ZZZZZ		Batch ID: 25304		TestNo: SW8260B				Analysis Date: 4/2/2010		SeqNo: 666507		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1-Dichloroethene	42.21	1.00	40	0	106	69.9	130	0	0			
Benzene	45.36	0.300	40	0	113	77.9	125	0	0			
Chlorobenzene	40.9	1.00	40	0	102	82.5	114	0	0			
Toluene	39.36	1.00	40	0	98.4	74.6	119	0	0			
Trichloroethene	43.76	1.00	40	0	109	74.7	125	0	0			

Sample ID: 1004008-01BMS		SampType: MS		TestCode: 8260_W		Units: µg/L		Prep Date: 4/1/2010		Run ID: 5973L_100402A		
Client ID: ZZZZZ		Batch ID: 25304		TestNo: SW8260B				Analysis Date: 4/2/2010		SeqNo: 666508		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1-Dichloroethene	44.94	1.00	40	0	112	51.4	176	0	0			
Benzene	43.12	0.300	40	0	108	71.5	118	0	0			
Chlorobenzene	38.64	1.00	40	0	96.6	79.8	114	0	0			
Toluene	38.2	1.00	40	0	95.5	79.6	121	0	0			
Trichloroethene	42.92	1.00	40	0	107	73.6	120	0	0			

Qualifiers: ND - Not Detected at the Reporting Limit
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 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003196
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: 1004008-01BMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date: 4/1/2010	Run ID: 5973L_100402A
Client ID: ZZZZZ	Batch ID: 25304	TestNo: SW8260B		Analysis Date: 4/2/2010	SeqNo: 666509

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	42.83	1.00	40	0	107	51.4	176	44.94	4.81	20	
Benzene	42.97	0.300	40	0	107	71.5	118	43.12	0.348	20	
Chlorobenzene	38.51	1.00	40	0	96.3	79.8	114	38.64	0.337	20	
Toluene	36.91	1.00	40	0	92.3	79.6	121	38.2	3.43	20	
Trichloroethene	43.23	1.00	40	0	108	73.6	120	42.92	0.720	20	

Sample ID: CCB-25304	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date: 4/1/2010	Run ID: 5973L_100402A
Client ID: ZZZZZ	Batch ID: 25304	TestNo: SW8260B		Analysis Date: 4/2/2010	SeqNo: 666517

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1,1-Trichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
1,1-Dichloropropene	ND	1.00	0	0	0	0	0	0	0	0	
1,2,3-Trichlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,2,3-Trichloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,2,4-Trimethylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,3,5-Trimethylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,3-Dichloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	0.15	1.00	0	0	0	0	0	0	0	0	
2,2-Dichloropropane	ND	1.00	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003196
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: CCB-25304	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date: 4/1/2010	Run ID: 5973L_100402A						
Client ID: ZZZZZ	Batch ID: 25304	TestNo: SW8260B		Analysis Date: 4/2/2010	SeqNo: 666517						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Butanone	ND	10.0	0	0	0	0	0	0	0	0	
2-Chlorotoluene	ND	1.00	0	0	0	0	0	0	0	0	
2-Hexanone	ND	10.0	0	0	0	0	0	0	0	0	
4-Chlorotoluene	ND	1.00	0	0	0	0	0	0	0	0	
4-Isopropyltoluene	ND	1.00	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	ND	20.0	0	0	0	0	0	0	0	0	
Acetone	2.83	50.0	0	0	0	0	0	0	0	0	
Acrylonitrile	ND	5.00	0	0	0	0	0	0	0	0	
Benzene	ND	0.300	0	0	0	0	0	0	0	0	
Bromobenzene	ND	1.00	0	0	0	0	0	0	0	0	
Bromochloromethane	ND	1.00	0	0	0	0	0	0	0	0	
Bromodichloromethane	ND	1.00	0	0	0	0	0	0	0	0	
Bromoform	ND	1.00	0	0	0	0	0	0	0	0	
Bromomethane	ND	1.00	0	0	0	0	0	0	0	0	
Carbon disulfide	ND	2.00	0	0	0	0	0	0	0	0	
Carbon tetrachloride	ND	1.00	0	0	0	0	0	0	0	0	
Chlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
Chloroethane	ND	1.00	0	0	0	0	0	0	0	0	
Chloroform	ND	1.00	0	0	0	0	0	0	0	0	
Chloromethane	0.19	1.00	0	0	0	0	0	0	0	0	
cis-1,2-Dichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	ND	1.00	0	0	0	0	0	0	0	0	
Dibromochloromethane	ND	1.00	0	0	0	0	0	0	0	0	
Dibromomethane	ND	1.00	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	ND	1.00	0	0	0	0	0	0	0	0	
Ethylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
Hexachlorobutadiene	ND	1.00	0	0	0	0	0	0	0	0	
Isopropylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
m,p-Xylene	ND	2.00	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	ND	1.00	0	0	0	0	0	0	0	0	
Methylene chloride	7.84	20.0	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003196
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: CCB-25304	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date: 4/1/2010	Run ID: 5973L_100402A						
Client ID: ZZZZZ	Batch ID: 25304	TestNo: SW8260B		Analysis Date: 4/2/2010	SeqNo: 666517						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
n-Butylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
n-Propylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
Naphthalene	0.68	1.00	0	0	0	0	0	0	0	0	
o-Xylene	ND	1.00	0	0	0	0	0	0	0	0	
sec-Butylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
Styrene	ND	1.00	0	0	0	0	0	0	0	0	
tert-Butylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
Tetrachloroethene	ND	1.00	0	0	0	0	0	0	0	0	
Toluene	ND	1.00	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	ND	1.00	0	0	0	0	0	0	0	0	
Trichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	ND	1.00	0	0	0	0	0	0	0	0	
Vinyl chloride	ND	1.00	0	0	0	0	0	0	0	0	
Surr: 1,2-Dichloroethane-d4	95.13	0	100	0	95.1	72.2	129	0	0	0	
Surr: 4-Bromofluorobenzene	102.4	0	100	0	102	73.5	125	0	0	0	
Surr: Dibromofluoromethane	90.78	0	100	0	90.8	58.8	148	0	0	0	
Surr: Toluene-d8	106.9	0	100	0	107	79.8	137	0	0	0	

Sample ID: CCV-25304	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	Run ID: 5973L_100402A						
Client ID: ZZZZZ	Batch ID: 25304	TestNo: SW8260B		Analysis Date: 4/2/2010	SeqNo: 666506						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	41.83	1.00	40	0	105	80	120	0	0	0	
1,2-Dichloropropane	43.99	1.00	40	0	110	80	120	0	0	0	
Chloroform	38.88	1.00	40	0	97.2	80	120	0	0	0	
Ethylbenzene	39.71	1.00	40	0	99.3	80	120	0	0	0	
Toluene	38.2	1.00	40	0	95.5	80	120	0	0	0	
Vinyl chloride	34.85	1.00	40	0	87.1	80	120	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1003196
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: CCV-25304	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	Run ID: 5973L_100402A						
Client ID: ZZZZZ	Batch ID: 25304	TestNo: SW8260B		Analysis Date: 4/2/2010	SeqNo: 666515						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	47.52	1.00	40	0	119	80	120	0	0		
1,2-Dichloropropane	47.54	1.00	40	0	119	80	120	0	0		
Chloroform	42.35	1.00	40	0	106	80	120	0	0		
Ethylbenzene	44.19	1.00	40	0	110	80	120	0	0		
Toluene	42.11	1.00	40	0	105	80	120	0	0		
Vinyl chloride	42.62	1.00	40	0	107	80	120	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
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B - Analyte detected in the associated Method Blank

KEY TO FLAGS

Rev. May 12, 2010

- A This sample contains a Gasoline Range Organic not identified as a specific hydrocarbon product. The result was quantified against gasoline calibration standards
- A1 This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was quantified against diesel calibration standards.
- A2 This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was quantified against a lube oil calibration standard.
- A3 The result was determined to be Non-Detect based on hydrocarbon pattern recognition. The product was carry-over from another hydrocarbon type.
- A4 The product appears to be aged or degraded diesel.
- B The blank exhibited a positive result great than the reporting limit for this compound.
- CN See Case Narrative.
- D Result is based from a dilution.
- E Result exceeds the calibration range for this compound. The result should be considered as estimate.
- F The positive result for this hydrocarbon is due to single component contamination. The product does not match any hydrocarbon in the fuels library.
- G Result may be biased high due to biogenic interferences. Clean up is recommended.
- H Sample was analyzed outside recommended holding time.
- HT At clients request, samples was analyzed outside of recommended holding time.
- J The result for this analyte is between the MDL and the PQL and should be considered as estimated concentration.
- K Diesel result is biased high due to amount of Oil contained in the sample.
- L Diesel result is biased high due to amount of Gasoline contained in the sample.
- M Oil result is biased high due to amount of Diesel contained in the sample.
- MC Sample concentration is greater than 4x the spiked value, the spiked value is considered insignificant.
- MI Result is outside control limits due to matrix interference.
- MSA Value determined by Method of Standard Addition.
- O Laboratory Control Standard (LCS) exceeded laboratory control limits, but meets CCV criteria. Data meets EPA requirements.
- Q Detection levels elevated due to sample matrix.
- R RPD control limits were exceeded.
- RF Duplicate failed due to result being at or near the method-reporting limit.
- RP Matrix spike values exceed established QC limits; post digestion spike is in control.
- S Recovery is outside control limits.
- SC Closing CCV or LCS exceeded high recovery control limits, but associated samples are non-detect. Data meets EPA requirements.
- * The result for this parameter was greater than the maximum contaminant level of the TCLP regulatory limit.

CHAIN OF CUSTODY RECORD

Specialty Analytical

11711 SE Capps Road
Clackamas, OR 97015
Phone: 503-607-1331
Fax: 503-607-1336

Contact Person/Project Manager Mevi Gibson Alan Hushes
Company MFA
Address 2001 NW 15TH AVE
Portland, OR
Phone _____ Fax _____
Project No. 8006.31.01 Project Name URIC
Project Site Location OR WA Other _____
Invoice To MFA P.O. No. _____

Collected By: JK
Signature _____
Printed: Justin Rands

Signature _____
Printed _____

Turn Around Time _____
 Normal 5-7 Business Days
 Rush _____ Specify _____

Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix
3/24	1315	B10-W-57.0	W
3/23	1620	B10-W-33.0	W
	940	B10-S-0.5	S
	950	B10-S-2.5	S
	1000	B10-S-6.5	S
	1020	B10-S-33.0	S
3/24	1200	B10-S-57.0	S
3/25	900	B11-S-0.5	S
	910	B11-S-5.0	S
	930	B11-S-14.5	S
	1000	B11-S-17.0	S
3/26	1300	B11-W-55.0	W

Relinquished By: MFA
Company: _____
Date: 3/31/00
Time: 900

Received By: Janell Perry
Company: _____
Date: _____
Time: _____

Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.
Samples held beyond 60 days subject to storage fee(s)

Analyses	No. of Containers		For Laboratory Use	
	5260B	5035A	Lab Job No.	Lab I.D.
Halogenated VOCs	X		1003196	
	X		Shipped Via <u>Specialty</u>	
			Air Bill No. _____	
			Temperature On Receipt <u>3</u> °C	
			Specialty Analytical Containers? Y/N	
			Specialty Analytical Trip Blanks? Y/N	
			Comments <u>* Please see VOC list from Mevi Gibson</u>	

Relinquished By: Janell Perry
Company: _____
Date: 3/31/10
Time: 1520

Received For Lab By: Nikki Rappes
Date: 3/31/10
Time: 1520

CHAIN OF CUSTODY RECORD

Specialty Analytical

11711 SE Capps Road
Clackamas, OR 97015
Phone: 503-607-1331
Fax: 503-607-1336

Contact Person/Project Manager Meri Gibson / Alan Husky

Company MFA

Address _____

Phone _____ Fax _____

Project No. 8006.31.01 Project Name URIC

Project Site Location OR WAX Other _____

Invoice To: MFA P.O. No. _____

Collected By: [Signature]
Signature _____
Printed Justin Bondy

Signature _____
Printed _____

Turn Around Time _____

Normal 5-7 Business Days

Rush _____

Specify _____

Rush Analyses Must Be Scheduled With The Lab In Advance

Date		Time	Sample I.D.	Matrix	No. of Containers	Analyses										For Laboratory Use						
3/26	1206		B11-S-88.0	S	1																	
3/26	1600		Equip-Sonic	W	5																	
3/26	10		Trip Blank	W	2																	
3/24	1100		B10-S-50.0	S	4																	
3/26	1125		B11-S-82.0	S	1																	
<p>Lab Job No. <u>10031910</u> Shipped Via <u>Specialty</u> Air Bill No. _____ Temperature On Receipt _____ °C Specialty Analytical Containers? Y / N Specialty Analytical Trip Blanks? Y / N</p>																						
<p>Comments: <u>SAMPLES NOT ORIGINALY ON COC. PLEASE HOLD.</u></p>																						
Relinquished By: <u>[Signature]</u> Company: <u>Specialty</u>												Relinquished By: <u>[Signature]</u> Company: <u>Specialty</u>			Date: <u>3/27/10</u> Time: <u>1528</u>							
Relinquished By: <u>[Signature]</u> Company: <u>Specialty</u>												Relinquished By: <u>[Signature]</u> Company: <u>Specialty</u>			Date: <u>3/27/10</u> Time: <u>1522</u>							

Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.
Samples held beyond 60 days subject to storage fee(s)

Copies: White-Original

Yellow-Project File

Pink-Customer Copy

3/25/2010

Ms. Meri Gibson
Maul Foster and Alongi Inc.
2001 NW 19th Ave
Suite 200
Portland OR 97209

Project Name: URIC
Project #: 8006.31.01
Workorder #: 1003288

Dear Ms. Meri Gibson

The following report includes the data for the above referenced project for sample(s) received on 3/12/2010 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 SIM are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kelly Buettner
Project Manager

WORK ORDER #: 1003288

Work Order Summary

CLIENT:	Ms. Meri Gibson Maul Foster and Alongi Inc. 2001 NW 19th Ave Suite 200 Portland, OR 97209	BILL TO:	Ms. Meri Gibson Maul Foster and Alongi Inc. 2001 NW 19th Ave Suite 200 Portland, OR 97209
PHONE:	971-544-2139	P.O. #	8006.31.01
FAX:	971-544-2140	PROJECT #	8006.31.01 URIC
DATE RECEIVED:	03/12/2010	CONTACT:	Kelly Buettner
DATE COMPLETED:	03/25/2010		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	SG1-4.0	Modified TO-15 SIM	6.5 "Hg	5 psi
02A	SG2-3.0	Modified TO-15 SIM	4.0 "Hg	5 psi
03A	SG3-3.5	Modified TO-15 SIM	5.0 "Hg	5 psi
04A	SG4-3.5	Modified TO-15 SIM	5.5 "Hg	5 psi
05A	SG5-3.5	Modified TO-15 SIM	5.5 "Hg	5 psi
06A(on hold)	SG6-3.5	Modified TO-15 SIM	18.5 "Hg	5 psi
07A	SG7-3.5	Modified TO-15 SIM	4.5 "Hg	5 psi
08A	SG8-3.5	Modified TO-15 SIM	2.0 "Hg	5 psi
09A	SG9-3.5	Modified TO-15 SIM	3.5 "Hg	5 psi
09AA	SG9-3.5 Lab Duplicate	Modified TO-15 SIM	3.5 "Hg	5 psi
10A	SG10-2.5	Modified TO-15 SIM	4.0 "Hg	5 psi
11A	Lab Blank	Modified TO-15 SIM	NA	NA
11B	Lab Blank	Modified TO-15 SIM	NA	NA
12A	CCV	Modified TO-15 SIM	NA	NA
12B	CCV	Modified TO-15 SIM	NA	NA
13A	LCS	Modified TO-15 SIM	NA	NA
13B	LCS	Modified TO-15 SIM	NA	NA

CERTIFIED BY: 

DATE: 03/25/10

Laboratory Director

Certification numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763,
NY NELAP - 11291, UT NELAP - 9166389892, AZ Licensure AZ0719

Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/09, Expiration date: 06/30/10

Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Air Toxics Ltd.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

**LABORATORY NARRATIVE
Modified TO-15 SIM
Maul Foster and Alongi Inc.
Workorder# 1003288**

Ten 6 Liter Summa Canister (SIM Certified) samples were received on March 12, 2010. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to <math>< 40\%</math> RSD	Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to <math>< 40\%</math> RSD
Daily Calibration	+/- 30% Difference	Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

Sample collection date was incomplete on the Chain of Custody for sample SG4-3.5. The year of collection was assumed to be 2010.

Sample SG6-3.5 was placed on hold per the client's request.

Sample SG6-3.5 was received with significant vacuum remaining in the canister. The residual canister vacuum resulted in elevated reporting limits.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

- B - Compound present in laboratory blank greater than reporting limit (background subtraction not

performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

**Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM**

Client Sample ID: SG1-4.0

Lab ID#: 1003288-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.068	30	0.46	200

Client Sample ID: SG2-3.0

Lab ID#: 1003288-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	3.1	560	21	3800

Client Sample ID: SG3-3.5

Lab ID#: 1003288-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.016	0.020	0.041	0.050

Client Sample ID: SG4-3.5

Lab ID#: 1003288-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.033	0.18	0.22	1.2

Client Sample ID: SG5-3.5

Lab ID#: 1003288-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.033	0.42	0.22	2.9

Client Sample ID: SG7-3.5

Lab ID#: 1003288-07A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Trichloroethene	0.63	5.9	3.4	32
Tetrachloroethene	0.63	420	4.3	2800



**Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM**

Client Sample ID: SG8-3.5

Lab ID#: 1003288-08A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.029	5.2	0.20	35

Client Sample ID: SG9-3.5

Lab ID#: 1003288-09A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.015	0.037	0.039	0.094
Tetrachloroethene	0.030	0.51	0.21	3.5

Client Sample ID: SG9-3.5 Lab Duplicate

Lab ID#: 1003288-09AA

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.019	0.033	0.048	0.084
Tetrachloroethene	0.038	0.50	0.26	3.4

Client Sample ID: SG10-2.5

Lab ID#: 1003288-10A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.62	240	4.2	1600

Client Sample ID: SG1-4.0

Lab ID#: 1003288-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	s032108sim	Date of Collection: 3/9/10 2:00:00 PM
Dil. Factor:	3.42	Date of Analysis: 3/21/10 01:55 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.034	Not Detected	0.087	Not Detected
1,1-Dichloroethene	0.034	Not Detected	0.14	Not Detected
cis-1,2-Dichloroethene	0.068	Not Detected	0.27	Not Detected
Trichloroethene	0.068	Not Detected	0.37	Not Detected
Tetrachloroethene	0.068	30	0.46	200
trans-1,2-Dichloroethene	0.34	Not Detected	1.4	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	94	70-130
4-Bromofluorobenzene	99	70-130



Client Sample ID: SG2-3.0

Lab ID#: 1003288-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	3032307	Date of Collection:	3/9/10 3:00:00 PM
Dil. Factor:	6.20	Date of Analysis:	3/23/10 10:48 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	3.1	Not Detected	7.9	Not Detected
1,1-Dichloroethene	3.1	Not Detected	12	Not Detected
cis-1,2-Dichloroethene	3.1	Not Detected	12	Not Detected
Trichloroethene	3.1	Not Detected	17	Not Detected
trans-1,2-Dichloroethene	3.1	Not Detected	12	Not Detected
Tetrachloroethene	3.1	560	21	3800

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
Toluene-d8	106	70-130
1,2-Dichloroethane-d4	91	70-130
4-Bromofluorobenzene	95	70-130

Client Sample ID: SG3-3.5

Lab ID#: 1003288-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	s032109sim	Date of Collection: 3/10/10 9:00:00 AM
Dil. Factor:	1.61	Date of Analysis: 3/21/10 02:52 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.016	0.020	0.041	0.050
1,1-Dichloroethene	0.016	Not Detected	0.064	Not Detected
cis-1,2-Dichloroethene	0.032	Not Detected	0.13	Not Detected
Trichloroethene	0.032	Not Detected	0.17	Not Detected
Tetrachloroethene	0.032	Not Detected	0.22	Not Detected
trans-1,2-Dichloroethene	0.16	Not Detected	0.64	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	93	70-130
4-Bromofluorobenzene	98	70-130

Client Sample ID: SG4-3.5

Lab ID#: 1003288-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	s032110sim	Date of Collection: 3/10/10 9:30:00 AM
Dil. Factor:	1.64	Date of Analysis: 3/21/10 03:41 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.016	Not Detected	0.042	Not Detected
1,1-Dichloroethene	0.016	Not Detected	0.065	Not Detected
cis-1,2-Dichloroethene	0.033	Not Detected	0.13	Not Detected
Trichloroethene	0.033	Not Detected	0.18	Not Detected
Tetrachloroethene	0.033	0.18	0.22	1.2
trans-1,2-Dichloroethene	0.16	Not Detected	0.65	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	95	70-130
4-Bromofluorobenzene	97	70-130

Client Sample ID: SG5-3.5

Lab ID#: 1003288-05A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	s032111sim	Date of Collection: 3/10/10 11:30:00 AM
Dil. Factor:	1.64	Date of Analysis: 3/21/10 04:37 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.016	Not Detected	0.042	Not Detected
1,1-Dichloroethene	0.016	Not Detected	0.065	Not Detected
cis-1,2-Dichloroethene	0.033	Not Detected	0.13	Not Detected
Trichloroethene	0.033	Not Detected	0.18	Not Detected
Tetrachloroethene	0.033	0.42	0.22	2.9
trans-1,2-Dichloroethene	0.16	Not Detected	0.65	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	95	70-130
4-Bromofluorobenzene	97	70-130

Client Sample ID: SG7-3.5

Lab ID#: 1003288-07A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	s032115sim	Date of Collection: 3/10/10 4:00:00 PM
Dil. Factor:	31.6	Date of Analysis: 3/21/10 07:19 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.32	Not Detected	0.81	Not Detected
1,1-Dichloroethene	0.32	Not Detected	1.2	Not Detected
cis-1,2-Dichloroethene	0.63	Not Detected	2.5	Not Detected
Trichloroethene	0.63	5.9	3.4	32
Tetrachloroethene	0.63	420	4.3	2800
trans-1,2-Dichloroethene	3.2	Not Detected	12	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	99	70-130
Toluene-d8	92	70-130
4-Bromofluorobenzene	97	70-130

Client Sample ID: SG8-3.5

Lab ID#: 1003288-08A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	s032116sim	Date of Collection: 3/10/10 3:00:00 PM
Dil. Factor:	1.44	Date of Analysis: 3/21/10 08:03 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.014	Not Detected	0.037	Not Detected
1,1-Dichloroethene	0.014	Not Detected	0.057	Not Detected
cis-1,2-Dichloroethene	0.029	Not Detected	0.11	Not Detected
Trichloroethene	0.029	Not Detected	0.15	Not Detected
Tetrachloroethene	0.029	5.2	0.20	35
trans-1,2-Dichloroethene	0.14	Not Detected	0.57	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	99	70-130

Client Sample ID: SG9-3.5

Lab ID#: 1003288-09A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	s032118sim	Date of Collection: 3/10/10 2:00:00 PM
Dil. Factor:	1.52	Date of Analysis: 3/21/10 09:21 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.015	0.037	0.039	0.094
1,1-Dichloroethene	0.015	Not Detected	0.060	Not Detected
cis-1,2-Dichloroethene	0.030	Not Detected	0.12	Not Detected
Trichloroethene	0.030	Not Detected	0.16	Not Detected
Tetrachloroethene	0.030	0.51	0.21	3.5
trans-1,2-Dichloroethene	0.15	Not Detected	0.60	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	97	70-130



Client Sample ID: SG9-3.5 Lab Duplicate

Lab ID#: 1003288-09AA

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	s032117sim	Date of Collection: 3/10/10 2:00:00 PM
Dil. Factor:	1.90	Date of Analysis: 3/21/10 08:36 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.019	0.033	0.048	0.084
1,1-Dichloroethene	0.019	Not Detected	0.075	Not Detected
cis-1,2-Dichloroethene	0.038	Not Detected	0.15	Not Detected
Trichloroethene	0.038	Not Detected	0.20	Not Detected
Tetrachloroethene	0.038	0.50	0.26	3.4
trans-1,2-Dichloroethene	0.19	Not Detected	0.75	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	97	70-130

Client Sample ID: SG10-2.5

Lab ID#: 1003288-10A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	s032119sim	Date of Collection: 3/10/10 4:40:00 PM
Dil. Factor:	31.0	Date of Analysis: 3/21/10 10:04 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.31	Not Detected	0.79	Not Detected
1,1-Dichloroethene	0.31	Not Detected	1.2	Not Detected
cis-1,2-Dichloroethene	0.62	Not Detected	2.4	Not Detected
Trichloroethene	0.62	Not Detected	3.3	Not Detected
Tetrachloroethene	0.62	240	4.2	1600
trans-1,2-Dichloroethene	3.1	Not Detected	12	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	94	70-130
4-Bromofluorobenzene	97	70-130

Client Sample ID: Lab Blank

Lab ID#: 1003288-11A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	s032104sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/21/10 10:38 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
1,1-Dichloroethene	0.010	Not Detected	0.040	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	96	70-130



Client Sample ID: Lab Blank

Lab ID#: 1003288-11B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	3032306	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/23/10 10:21 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	107	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	98	70-130

Client Sample ID: CCV

Lab ID#: 1003288-12A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	s032102sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/21/10 08:30 AM

Compound	%Recovery
Vinyl Chloride	94
1,1-Dichloroethene	95
cis-1,2-Dichloroethene	97
Trichloroethene	94
Tetrachloroethene	95
trans-1,2-Dichloroethene	98

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	108	70-130

Client Sample ID: CCV

Lab ID#: 1003288-12B

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	3032302	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/23/10 07:57 AM

Compound	%Recovery
Vinyl Chloride	98
1,1-Dichloroethene	98
cis-1,2-Dichloroethene	89
Trichloroethene	84
trans-1,2-Dichloroethene	98
Tetrachloroethene	88

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	104	70-130
1,2-Dichloroethane-d4	90	70-130
4-Bromofluorobenzene	100	70-130

Client Sample ID: LCS

Lab ID#: 1003288-13A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	s032103sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/21/10 09:40 AM

Compound	%Recovery
Vinyl Chloride	91
1,1-Dichloroethene	82
cis-1,2-Dichloroethene	96
Trichloroethene	96
Tetrachloroethene	96
trans-1,2-Dichloroethene	95

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	107	70-130

Client Sample ID: LCS

Lab ID#: 1003288-13B

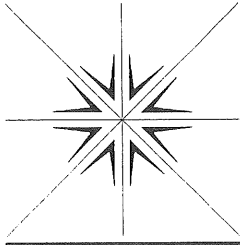
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	3032303	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/23/10 08:20 AM

Compound	%Recovery
Vinyl Chloride	104
1,1-Dichloroethene	96
cis-1,2-Dichloroethene	98
Trichloroethene	93
trans-1,2-Dichloroethene	107
Tetrachloroethene	97

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	105	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	103	70-130



Specialty Analytical

11711 SE Capps Road
Clackamas, OR 97015
(503) 607-1331
Fax (503) 607-1336

November 24, 2010

Merideth D'Andrea
Maul, Foster & Alongi
7223 NE Hazel Dell Avenue
Suite B
Vancouver, WA 98665

TEL: (360) 694-2691
FAX: (360) 906-1958

RE: URIC / 8006.31.02
Dear Merideth D'Andrea:

Order No.: 1010138

Specialty Analytical received 6 samples on 10/20/2010 for the analyses presented in the following report.

REVISED REPORT VERSION 1 . Please see case narrative for information on revision.

There were no problems with the analysis and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative, or as qualified with flags. Results apply only to the samples analyzed. Without approval of the laboratory, the reproduction of this report is only permitted in its entirety.


Cindy Hillyard
Project Manager


Technical Review

Specialty Analytical**Date:** 24-Nov-10

CLIENT: Maul, Foster & Alongi
Project: URIC / 8006.31.02
Lab Order: 1010138**CASE NARRATIVE**

Report Revision 1.

At the request of the client, the full list of compounds for EPA 8260B are reported.

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1010138
Project: URIC / 8006.31.02
Lab ID: 1010138-01

Client Sample ID: GP66-W-15.0
Collection Date: 10/18/2010 9:45:00 AM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
2-Butanone	ND	10.0		µg/L	1	10/25/2010 10:27:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
2-Hexanone	ND	10.0		µg/L	1	10/25/2010 10:27:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	10/25/2010 10:27:00 PM
Acetone	ND	50.0		µg/L	1	10/25/2010 10:27:00 PM
Acrylonitrile	ND	5.00		µg/L	1	10/25/2010 10:27:00 PM
Benzene	ND	0.300		µg/L	1	10/25/2010 10:27:00 PM
Bromobenzene	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
Bromochloromethane	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
Bromoform	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
Bromomethane	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
Carbon disulfide	ND	2.00		µg/L	1	10/25/2010 10:27:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
Chlorobenzene	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
Chloroethane	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
Chloroform	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
Chloromethane	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1010138
Project: URIC / 8006.31.02
Lab ID: 1010138-01

Client Sample ID: GP66-W-15.0
Collection Date: 10/18/2010 9:45:00 AM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
Dibromomethane	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
Ethylbenzene	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
m,p-Xylene	ND	2.00		µg/L	1	10/25/2010 10:27:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
Methylene chloride	ND	20.0		µg/L	1	10/25/2010 10:27:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
Naphthalene	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
o-Xylene	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
Styrene	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
Tetrachloroethene	2.12	1.00		µg/L	1	10/25/2010 10:27:00 PM
Toluene	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
Trichloroethene	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
Vinyl chloride	ND	1.00		µg/L	1	10/25/2010 10:27:00 PM
Surr: 1,2-Dichloroethane-d4	101	72.2-129		%REC	1	10/25/2010 10:27:00 PM
Surr: 4-Bromofluorobenzene	104	73.5-125		%REC	1	10/25/2010 10:27:00 PM
Surr: Dibromofluoromethane	99.1	58.8-148		%REC	1	10/25/2010 10:27:00 PM
Surr: Toluene-d8	114	79.8-137		%REC	1	10/25/2010 10:27:00 PM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1010138
Project: URIC / 8006.31.02
Lab ID: 1010138-02

Client Sample ID: GP64-W-15.0
Collection Date: 10/18/2010 11:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
2-Butanone	ND	10.0		µg/L	1	10/25/2010 11:03:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
2-Hexanone	ND	10.0		µg/L	1	10/25/2010 11:03:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	10/25/2010 11:03:00 PM
Acetone	ND	50.0		µg/L	1	10/25/2010 11:03:00 PM
Acrylonitrile	ND	5.00		µg/L	1	10/25/2010 11:03:00 PM
Benzene	ND	0.300		µg/L	1	10/25/2010 11:03:00 PM
Bromobenzene	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
Bromochloromethane	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
Bromoform	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
Bromomethane	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
Carbon disulfide	ND	2.00		µg/L	1	10/25/2010 11:03:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
Chlorobenzene	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
Chloroethane	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
Chloroform	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
Chloromethane	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1010138
Project: URIC / 8006.31.02
Lab ID: 1010138-02

Client Sample ID: GP64-W-15.0
Collection Date: 10/18/2010 11:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
Dibromomethane	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
Ethylbenzene	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
m,p-Xylene	ND	2.00		µg/L	1	10/25/2010 11:03:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
Methylene chloride	ND	20.0		µg/L	1	10/25/2010 11:03:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
Naphthalene	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
o-Xylene	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
Styrene	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
Tetrachloroethene	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
Toluene	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
Trichloroethene	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
Vinyl chloride	ND	1.00		µg/L	1	10/25/2010 11:03:00 PM
Surr: 1,2-Dichloroethane-d4	97.8	72.2-129		%REC	1	10/25/2010 11:03:00 PM
Surr: 4-Bromofluorobenzene	102	73.5-125		%REC	1	10/25/2010 11:03:00 PM
Surr: Dibromofluoromethane	98.1	58.8-148		%REC	1	10/25/2010 11:03:00 PM
Surr: Toluene-d8	106	79.8-137		%REC	1	10/25/2010 11:03:00 PM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1010138
Project: URIC / 8006.31.02
Lab ID: 1010138-03

Client Sample ID: GP65-W-21.0
Collection Date: 10/18/2010 12:45:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	10/25/2010 11:39:00 PM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	10/25/2010 11:39:00 PM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	10/25/2010 11:39:00 PM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	10/25/2010 11:39:00 PM
1,1-Dichloroethane	ND	1.00		µg/L	1	10/25/2010 11:39:00 PM
1,1-Dichloroethene	ND	1.00		µg/L	1	10/25/2010 11:39:00 PM
1,1-Dichloropropene	ND	1.00		µg/L	1	10/25/2010 11:39:00 PM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	10/25/2010 11:39:00 PM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	10/25/2010 11:39:00 PM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	10/25/2010 11:39:00 PM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	10/25/2010 11:39:00 PM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	10/25/2010 11:39:00 PM
1,2-Dibromoethane	ND	1.00		µg/L	1	10/25/2010 11:39:00 PM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	10/25/2010 11:39:00 PM
1,2-Dichloroethane	ND	1.00		µg/L	1	10/25/2010 11:39:00 PM
1,2-Dichloropropane	ND	1.00		µg/L	1	10/25/2010 11:39:00 PM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	10/25/2010 11:39:00 PM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	10/25/2010 11:39:00 PM
1,3-Dichloropropane	ND	1.00		µg/L	1	10/25/2010 11:39:00 PM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	10/25/2010 11:39:00 PM
2,2-Dichloropropane	ND	1.00		µg/L	1	10/25/2010 11:39:00 PM
2-Butanone	ND	10.0		µg/L	1	10/25/2010 11:39:00 PM
2-Chlorotoluene	ND	1.00		µg/L	1	10/25/2010 11:39:00 PM
2-Hexanone	ND	10.0		µg/L	1	10/25/2010 11:39:00 PM
4-Chlorotoluene	ND	1.00		µg/L	1	10/25/2010 11:39:00 PM
4-Isopropyltoluene	ND	1.00		µg/L	1	10/25/2010 11:39:00 PM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	10/25/2010 11:39:00 PM
Acetone	ND	50.0		µg/L	1	10/25/2010 11:39:00 PM
Acrylonitrile	ND	5.00		µg/L	1	10/25/2010 11:39:00 PM
Benzene	ND	0.300		µg/L	1	10/25/2010 11:39:00 PM
Bromobenzene	ND	1.00		µg/L	1	10/25/2010 11:39:00 PM
Bromochloromethane	ND	1.00		µg/L	1	10/25/2010 11:39:00 PM
Bromodichloromethane	ND	1.00		µg/L	1	10/25/2010 11:39:00 PM
Bromoform	ND	1.00		µg/L	1	10/25/2010 11:39:00 PM
Bromomethane	ND	1.00		µg/L	1	10/25/2010 11:39:00 PM
Carbon disulfide	ND	2.00		µg/L	1	10/25/2010 11:39:00 PM
Carbon tetrachloride	ND	1.00		µg/L	1	10/25/2010 11:39:00 PM
Chlorobenzene	ND	1.00		µg/L	1	10/25/2010 11:39:00 PM
Chloroethane	ND	1.00		µg/L	1	10/25/2010 11:39:00 PM
Chloroform	ND	1.00		µg/L	1	10/25/2010 11:39:00 PM
Chloromethane	ND	1.00		µg/L	1	10/25/2010 11:39:00 PM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1010138
Project: URIC / 8006.31.02
Lab ID: 1010138-03

Client Sample ID: GP65-W-21.0
Collection Date: 10/18/2010 12:45:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
cis-1,2-Dichloroethene	1.52	1.00		µg/L	1	10/25/2010 11:39:00 PM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	10/25/2010 11:39:00 PM
Dibromochloromethane	ND	1.00		µg/L	1	10/25/2010 11:39:00 PM
Dibromomethane	ND	1.00		µg/L	1	10/25/2010 11:39:00 PM
Dichlorodifluoromethane	ND	1.00		µg/L	1	10/25/2010 11:39:00 PM
Ethylbenzene	ND	1.00		µg/L	1	10/25/2010 11:39:00 PM
Hexachlorobutadiene	ND	1.00		µg/L	1	10/25/2010 11:39:00 PM
Isopropylbenzene	ND	1.00		µg/L	1	10/25/2010 11:39:00 PM
m,p-Xylene	ND	2.00		µg/L	1	10/25/2010 11:39:00 PM
Methyl tert-butyl ether	ND	1.00		µg/L	1	10/25/2010 11:39:00 PM
Methylene chloride	ND	20.0		µg/L	1	10/25/2010 11:39:00 PM
n-Butylbenzene	ND	1.00		µg/L	1	10/25/2010 11:39:00 PM
n-Propylbenzene	ND	1.00		µg/L	1	10/25/2010 11:39:00 PM
Naphthalene	ND	1.00		µg/L	1	10/25/2010 11:39:00 PM
o-Xylene	ND	1.00		µg/L	1	10/25/2010 11:39:00 PM
sec-Butylbenzene	ND	1.00		µg/L	1	10/25/2010 11:39:00 PM
Styrene	ND	1.00		µg/L	1	10/25/2010 11:39:00 PM
tert-Butylbenzene	ND	1.00		µg/L	1	10/25/2010 11:39:00 PM
Tetrachloroethene	1630	50.0		µg/L	50	10/26/2010 12:32:00 PM
Toluene	ND	1.00		µg/L	1	10/25/2010 11:39:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	10/25/2010 11:39:00 PM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	10/25/2010 11:39:00 PM
Trichloroethene	436	10.0		µg/L	10	10/26/2010 1:09:00 PM
Trichlorofluoromethane	ND	1.00		µg/L	1	10/25/2010 11:39:00 PM
Vinyl chloride	2.23	1.00		µg/L	1	10/25/2010 11:39:00 PM
Surr: 1,2-Dichloroethane-d4	98.8	72.2-129		%REC	1	10/25/2010 11:39:00 PM
Surr: 4-Bromofluorobenzene	98.4	73.5-125		%REC	1	10/25/2010 11:39:00 PM
Surr: Dibromofluoromethane	97.2	58.8-148		%REC	1	10/25/2010 11:39:00 PM
Surr: Toluene-d8	110	79.8-137		%REC	1	10/25/2010 11:39:00 PM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1010138
Project: URIC / 8006.31.02
Lab ID: 1010138-04

Client Sample ID: GP67-W-17.0
Collection Date: 10/18/2010 2:40:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM
1,1-Dichloroethane	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM
1,1-Dichloroethene	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM
1,1-Dichloropropene	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM
1,2-Dibromoethane	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM
1,2-Dichloroethane	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM
1,2-Dichloropropane	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM
1,3-Dichloropropane	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM
2,2-Dichloropropane	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM
2-Butanone	ND	10.0		µg/L	1	10/26/2010 11:57:00 AM
2-Chlorotoluene	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM
2-Hexanone	ND	10.0		µg/L	1	10/26/2010 11:57:00 AM
4-Chlorotoluene	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM
4-Isopropyltoluene	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	10/26/2010 11:57:00 AM
Acetone	ND	50.0		µg/L	1	10/26/2010 11:57:00 AM
Acrylonitrile	ND	5.00		µg/L	1	10/26/2010 11:57:00 AM
Benzene	ND	0.300		µg/L	1	10/26/2010 11:57:00 AM
Bromobenzene	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM
Bromochloromethane	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM
Bromodichloromethane	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM
Bromoform	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM
Bromomethane	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM
Carbon disulfide	ND	2.00		µg/L	1	10/26/2010 11:57:00 AM
Carbon tetrachloride	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM
Chlorobenzene	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM
Chloroethane	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM
Chloroform	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM
Chloromethane	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1010138
Project: URIC / 8006.31.02
Lab ID: 1010138-04

Client Sample ID: GP67-W-17.0
Collection Date: 10/18/2010 2:40:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM
Dibromochloromethane	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM
Dibromomethane	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM
Dichlorodifluoromethane	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM
Ethylbenzene	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM
Hexachlorobutadiene	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM
Isopropylbenzene	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM
m,p-Xylene	ND	2.00		µg/L	1	10/26/2010 11:57:00 AM
Methyl tert-butyl ether	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM
Methylene chloride	ND	20.0		µg/L	1	10/26/2010 11:57:00 AM
n-Butylbenzene	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM
n-Propylbenzene	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM
Naphthalene	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM
o-Xylene	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM
sec-Butylbenzene	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM
Styrene	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM
tert-Butylbenzene	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM
Tetrachloroethene	175	1.00		µg/L	1	10/26/2010 11:57:00 AM
Toluene	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM
Trichloroethene	6.41	1.00		µg/L	1	10/26/2010 11:57:00 AM
Trichlorofluoromethane	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM
Vinyl chloride	ND	1.00		µg/L	1	10/26/2010 11:57:00 AM
Surr: 1,2-Dichloroethane-d4	101	72.2-129		%REC	1	10/26/2010 11:57:00 AM
Surr: 4-Bromofluorobenzene	103	73.5-125		%REC	1	10/26/2010 11:57:00 AM
Surr: Dibromofluoromethane	99.1	58.8-148		%REC	1	10/26/2010 11:57:00 AM
Surr: Toluene-d8	112	79.8-137		%REC	1	10/26/2010 11:57:00 AM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi

Client Sample ID: GP63-W-21.0

Lab Order: 1010138

Collection Date: 10/19/2010 10:00:00 AM

Project: URIC / 8006.31.02

Lab ID: 1010138-05

Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
1,1-Dichloroethane	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
1,1-Dichloroethene	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
1,1-Dichloropropene	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
1,2-Dibromoethane	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
1,2-Dichloroethane	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
1,2-Dichloropropane	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
1,3-Dichloropropane	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
2,2-Dichloropropane	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
2-Butanone	ND	10.0		µg/L	1	10/26/2010 12:50:00 AM
2-Chlorotoluene	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
2-Hexanone	ND	10.0		µg/L	1	10/26/2010 12:50:00 AM
4-Chlorotoluene	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
4-Isopropyltoluene	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	10/26/2010 12:50:00 AM
Acetone	ND	50.0		µg/L	1	10/26/2010 12:50:00 AM
Acrylonitrile	ND	5.00		µg/L	1	10/26/2010 12:50:00 AM
Benzene	ND	0.300		µg/L	1	10/26/2010 12:50:00 AM
Bromobenzene	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
Bromochloromethane	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
Bromodichloromethane	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
Bromoform	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
Bromomethane	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
Carbon disulfide	ND	2.00		µg/L	1	10/26/2010 12:50:00 AM
Carbon tetrachloride	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
Chlorobenzene	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
Chloroethane	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
Chloroform	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
Chloromethane	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1010138
Project: URIC / 8006.31.02
Lab ID: 1010138-05

Client Sample ID: GP63-W-21.0
Collection Date: 10/19/2010 10:00:00 AM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
Dibromochloromethane	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
Dibromomethane	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
Dichlorodifluoromethane	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
Ethylbenzene	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
Hexachlorobutadiene	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
Isopropylbenzene	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
m,p-Xylene	ND	2.00		µg/L	1	10/26/2010 12:50:00 AM
Methyl tert-butyl ether	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
Methylene chloride	ND	20.0		µg/L	1	10/26/2010 12:50:00 AM
n-Butylbenzene	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
n-Propylbenzene	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
Naphthalene	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
o-Xylene	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
sec-Butylbenzene	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
Styrene	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
tert-Butylbenzene	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
Tetrachloroethene	4.25	1.00		µg/L	1	10/26/2010 12:50:00 AM
Toluene	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
Trichloroethene	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
Trichlorofluoromethane	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
Vinyl chloride	ND	1.00		µg/L	1	10/26/2010 12:50:00 AM
Surr: 1,2-Dichloroethane-d4	102	72.2-129		%REC	1	10/26/2010 12:50:00 AM
Surr: 4-Bromofluorobenzene	108	73.5-125		%REC	1	10/26/2010 12:50:00 AM
Surr: Dibromofluoromethane	99.4	58.8-148		%REC	1	10/26/2010 12:50:00 AM
Surr: Toluene-d8	115	79.8-137		%REC	1	10/26/2010 12:50:00 AM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1010138
Project: URIC / 8006.31.02
Lab ID: 1010138-06

Client Sample ID: GP62-W-15.0
Collection Date: 10/19/2010 1:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
1,1,1,2-Tetrachloroethane	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM
1,1,1-Trichloroethane	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM
1,1,2,2-Tetrachloroethane	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM
1,1,2-Trichloroethane	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM
1,1-Dichloroethane	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM
1,1-Dichloroethene	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM
1,1-Dichloropropene	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM
1,2,3-Trichlorobenzene	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM
1,2,3-Trichloropropane	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM
1,2,4-Trichlorobenzene	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM
1,2,4-Trimethylbenzene	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM
1,2-Dibromo-3-chloropropane	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM
1,2-Dibromoethane	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM
1,2-Dichlorobenzene	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM
1,2-Dichloroethane	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM
1,2-Dichloropropane	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM
1,3,5-Trimethylbenzene	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM
1,3-Dichlorobenzene	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM
1,3-Dichloropropane	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM
1,4-Dichlorobenzene	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM
2,2-Dichloropropane	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM
2-Butanone	ND	10.0		µg/L	1	10/26/2010 1:25:00 AM
2-Chlorotoluene	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM
2-Hexanone	ND	10.0		µg/L	1	10/26/2010 1:25:00 AM
4-Chlorotoluene	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM
4-Isopropyltoluene	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM
4-Methyl-2-pentanone	ND	20.0		µg/L	1	10/26/2010 1:25:00 AM
Acetone	ND	50.0		µg/L	1	10/26/2010 1:25:00 AM
Acrylonitrile	ND	5.00		µg/L	1	10/26/2010 1:25:00 AM
Benzene	ND	0.300		µg/L	1	10/26/2010 1:25:00 AM
Bromobenzene	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM
Bromochloromethane	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM
Bromodichloromethane	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM
Bromoform	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM
Bromomethane	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM
Carbon disulfide	ND	2.00		µg/L	1	10/26/2010 1:25:00 AM
Carbon tetrachloride	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM
Chlorobenzene	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM
Chloroethane	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM
Chloroform	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM
Chloromethane	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM

Specialty Analytical

Date: 24-Nov-10

CLIENT: Maul, Foster & Alongi
Lab Order: 1010138
Project: URIC / 8006.31.02
Lab ID: 1010138-06

Client Sample ID: GP62-W-15.0
Collection Date: 10/19/2010 1:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM
cis-1,3-Dichloropropene	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM
Dibromochloromethane	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM
Dibromomethane	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM
Dichlorodifluoromethane	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM
Ethylbenzene	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM
Hexachlorobutadiene	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM
Isopropylbenzene	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM
m,p-Xylene	ND	2.00		µg/L	1	10/26/2010 1:25:00 AM
Methyl tert-butyl ether	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM
Methylene chloride	ND	20.0		µg/L	1	10/26/2010 1:25:00 AM
n-Butylbenzene	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM
n-Propylbenzene	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM
Naphthalene	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM
o-Xylene	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM
sec-Butylbenzene	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM
Styrene	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM
tert-Butylbenzene	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM
Tetrachloroethene	16.0	1.00		µg/L	1	10/26/2010 1:25:00 AM
Toluene	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM
trans-1,3-Dichloropropene	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM
Trichloroethene	4.92	1.00		µg/L	1	10/26/2010 1:25:00 AM
Trichlorofluoromethane	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM
Vinyl chloride	ND	1.00		µg/L	1	10/26/2010 1:25:00 AM
Surr: 1,2-Dichloroethane-d4	104	72.2-129		%REC	1	10/26/2010 1:25:00 AM
Surr: 4-Bromofluorobenzene	102	73.5-125		%REC	1	10/26/2010 1:25:00 AM
Surr: Dibromofluoromethane	104	58.8-148		%REC	1	10/26/2010 1:25:00 AM
Surr: Toluene-d8	117	79.8-137		%REC	1	10/26/2010 1:25:00 AM

CLIENT: Maul, Foster & Alongi
Work Order: 1010138
Project: URIC / 8006.31.02

ANALYTICAL QC SUMMARY REPORT**TestCode: 8260_W**

Sample ID: MB-26886	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date: 10/25/2010	Run ID: 5973J_101025A						
Client ID: ZZZZZ	Batch ID: 26886	TestNo: SW8260B	Analysis Date: 10/25/2010	SeqNo: 704771							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	1.00									
1,1,1-Trichloroethane	ND	1.00									
1,1,2,2-Tetrachloroethane	ND	1.00									
1,1,2-Trichloroethane	ND	1.00									
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,1-Dichloropropene	ND	1.00									
1,2,3-Trichlorobenzene	ND	1.00									
1,2,3-Trichloropropane	ND	1.00									
1,2,4-Trichlorobenzene	ND	1.00									
1,2,4-Trimethylbenzene	ND	1.00									
1,2-Dibromo-3-chloropropane	ND	1.00									
1,2-Dibromoethane	ND	1.00									
1,2-Dichlorobenzene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
1,2-Dichloropropane	ND	1.00									
1,3,5-Trimethylbenzene	ND	1.00									
1,3-Dichlorobenzene	ND	1.00									
1,3-Dichloropropane	ND	1.00									
1,4-Dichlorobenzene	0.19	1.00									J
2,2-Dichloropropane	ND	1.00									
2-Butanone	ND	10.0									
2-Chlorotoluene	ND	1.00									
2-Hexanone	ND	10.0									
4-Chlorotoluene	ND	1.00									
4-Isopropyltoluene	ND	1.00									
4-Methyl-2-pentanone	ND	20.0									
Acetone	1.2	50.0									J
Acrylonitrile	ND	5.00									
Benzene	ND	0.300									

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1010138
Project: URIC / 8006.31.02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: MB-26886	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date: 10/25/2010	Run ID: 5973J_101025A						
Client ID: ZZZZZ	Batch ID: 26886	TestNo: SW8260B		Analysis Date: 10/25/2010	SeqNo: 704771						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromobenzene	ND	1.00									
Bromochloromethane	ND	1.00									
Bromodichloromethane	ND	1.00									
Bromoform	ND	1.00									
Bromomethane	ND	1.00									
Carbon disulfide	ND	2.00									
Carbon tetrachloride	ND	1.00									
Chlorobenzene	0.11	1.00									J
Chloroethane	ND	1.00									
Chloroform	ND	1.00									
Chloromethane	0.2	1.00									J
cis-1,2-Dichloroethene	ND	1.00									
cis-1,3-Dichloropropene	ND	1.00									
Dibromochloromethane	ND	1.00									
Dibromomethane	ND	1.00									
Dichlorodifluoromethane	ND	1.00									
Ethylbenzene	0.14	1.00									J
Hexachlorobutadiene	ND	1.00									
Isopropylbenzene	ND	1.00									
m,p-Xylene	0.1	2.00									J
Methyl tert-butyl ether	ND	1.00									
Methylene chloride	6.3	20.0									J
n-Butylbenzene	ND	1.00									
n-Propylbenzene	ND	1.00									
Naphthalene	ND	1.00									
o-Xylene	ND	1.00									
sec-Butylbenzene	ND	1.00									
Styrene	ND	1.00									
tert-Butylbenzene	ND	1.00									
Tetrachloroethene	ND	1.00									
Toluene	ND	1.00									

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1010138
Project: URIC / 8006.31.02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: MB-26886	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date: 10/25/2010	Run ID: 5973J_101025A						
Client ID: ZZZZZ	Batch ID: 26886	TestNo: SW8260B		Analysis Date: 10/25/2010	SeqNo: 704771						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	ND	1.00									
trans-1,3-Dichloropropene	ND	1.00									
Trichloroethene	ND	1.00									
Trichlorofluoromethane	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	98.12	0	100	0	98.1	72.2	129	0	0		
Surr: 4-Bromofluorobenzene	101.6	0	100	0	102	73.5	125	0	0		
Surr: Dibromofluoromethane	96.68	0	100	0	96.7	58.8	148	0	0		
Surr: Toluene-d8	110.8	0	100	0	111	79.8	137	0	0		

Sample ID: LCS-26886	SampType: LCS	TestCode: 8260_W	Units: µg/L	Prep Date: 10/25/2010	Run ID: 5973J_101025A						
Client ID: ZZZZZ	Batch ID: 26886	TestNo: SW8260B		Analysis Date: 10/25/2010	SeqNo: 704768						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	41.34	1.00	40	0	103	69.9	130	0	0		
Benzene	44.36	0.300	40	0	111	77.9	125	0	0		
Chlorobenzene	41.61	1.00	40	0	104	82.5	114	0	0		
Toluene	42.35	1.00	40	0	106	74.6	119	0	0		
Trichloroethene	41.92	1.00	40	0	105	74.7	125	0	0		

Sample ID: 1010138-06AMS	SampType: MS	TestCode: 8260_W	Units: µg/L	Prep Date: 10/25/2010	Run ID: 5973J_101025A						
Client ID: GP62-W-15.0	Batch ID: 26886	TestNo: SW8260B		Analysis Date: 10/25/2010	SeqNo: 704769						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	39.59	1.00	40	0	99	51.4	176	0	0		
Benzene	41.65	0.300	40	0	104	71.5	118	0	0		
Chlorobenzene	41.75	1.00	40	0	104	79.8	114	0	0		
Toluene	41.33	1.00	40	0.26	103	79.6	121	0	0		
Trichloroethene	48.02	1.00	40	4.92	108	73.6	120	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1010138
Project: URIC / 8006.31.02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: 1010138-06AMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date: 10/25/2010	Run ID: 5973J_101025A						
Client ID: GP62-W-15.0	Batch ID: 26886	TestNo: SW8260B		Analysis Date: 10/25/2010	SeqNo: 704770						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	39.41	1.00	40	0	98.5	51.4	176	39.59	0.456	20	
Benzene	42.16	0.300	40	0	105	71.5	118	41.65	1.22	20	
Chlorobenzene	41.26	1.00	40	0	103	79.8	114	41.75	1.18	20	
Toluene	41.74	1.00	40	0.26	104	79.6	121	41.33	0.987	20	
Trichloroethene	47.45	1.00	40	4.92	106	73.6	120	48.02	1.19	20	

Sample ID: CCB-26886	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date: 10/25/2010	Run ID: 5973J_101025A						
Client ID: ZZZZZ	Batch ID: 26886	TestNo: SW8260B		Analysis Date: 10/26/2010	SeqNo: 704896						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1,1-Trichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
1,1-Dichloropropene	ND	1.00	0	0	0	0	0	0	0	0	
1,2,3-Trichlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,2,3-Trichloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,2,4-Trimethylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,3,5-Trimethylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,3-Dichloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
2,2-Dichloropropane	ND	1.00	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1010138
Project: URIC / 8006.31.02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: CCB-26886	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date: 10/25/2010	Run ID: 5973J_101025A						
Client ID: ZZZZZ	Batch ID: 26886	TestNo: SW8260B		Analysis Date: 10/26/2010	SeqNo: 704896						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Butanone	ND	10.0	0	0	0	0	0	0	0	0	
2-Chlorotoluene	ND	1.00	0	0	0	0	0	0	0	0	
2-Hexanone	ND	10.0	0	0	0	0	0	0	0	0	
4-Chlorotoluene	ND	1.00	0	0	0	0	0	0	0	0	
4-Isopropyltoluene	ND	1.00	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	ND	20.0	0	0	0	0	0	0	0	0	
Acetone	1.29	50.0	0	0	0	0	0	0	0	0	
Acrylonitrile	ND	5.00	0	0	0	0	0	0	0	0	
Benzene	ND	0.300	0	0	0	0	0	0	0	0	
Bromobenzene	ND	1.00	0	0	0	0	0	0	0	0	
Bromochloromethane	ND	1.00	0	0	0	0	0	0	0	0	
Bromodichloromethane	ND	1.00	0	0	0	0	0	0	0	0	
Bromoform	ND	1.00	0	0	0	0	0	0	0	0	
Bromomethane	ND	1.00	0	0	0	0	0	0	0	0	
Carbon disulfide	ND	2.00	0	0	0	0	0	0	0	0	
Carbon tetrachloride	ND	1.00	0	0	0	0	0	0	0	0	
Chlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
Chloroethane	ND	1.00	0	0	0	0	0	0	0	0	
Chloroform	ND	1.00	0	0	0	0	0	0	0	0	
Chloromethane	ND	1.00	0	0	0	0	0	0	0	0	
cis-1,2-Dichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	ND	1.00	0	0	0	0	0	0	0	0	
Dibromochloromethane	ND	1.00	0	0	0	0	0	0	0	0	
Dibromomethane	ND	1.00	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	ND	1.00	0	0	0	0	0	0	0	0	
Ethylbenzene	0.11	1.00	0	0	0	0	0	0	0	0	
Hexachlorobutadiene	ND	1.00	0	0	0	0	0	0	0	0	
Isopropylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
m,p-Xylene	ND	2.00	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	ND	1.00	0	0	0	0	0	0	0	0	
Methylene chloride	7.68	20.0	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1010138
Project: URIC / 8006.31.02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: CCB-26886		SampType: CCB		TestCode: 8260_W		Units: µg/L		Prep Date: 10/25/2010		Run ID: 5973J_101025A	
Client ID: ZZZZZ		Batch ID: 26886		TestNo: SW8260B				Analysis Date: 10/26/2010		SeqNo: 704896	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
n-Butylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
n-Propylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
Naphthalene	ND	1.00	0	0	0	0	0	0	0	0	
o-Xylene	ND	1.00	0	0	0	0	0	0	0	0	
sec-Butylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
Styrene	ND	1.00	0	0	0	0	0	0	0	0	
tert-Butylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
Tetrachloroethene	ND	1.00	0	0	0	0	0	0	0	0	
Toluene	ND	1.00	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	ND	1.00	0	0	0	0	0	0	0	0	
Trichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	ND	1.00	0	0	0	0	0	0	0	0	
Vinyl chloride	ND	1.00	0	0	0	0	0	0	0	0	
Surr: 1,2-Dichloroethane-d4	100.2	0	100	0	100	72.2	129	0	0	0	
Surr: 4-Bromofluorobenzene	101.8	0	100	0	102	73.5	125	0	0	0	
Surr: Dibromofluoromethane	99.83	0	100	0	99.8	58.8	148	0	0	0	
Surr: Toluene-d8	112.4	0	100	0	112	79.8	137	0	0	0	

Sample ID: CCV-26886		SampType: CCV		TestCode: 8260_W		Units: µg/L		Prep Date:		Run ID: 5973J_101025A	
Client ID: ZZZZZ		Batch ID: 26886		TestNo: SW8260B				Analysis Date: 10/25/2010		SeqNo: 704766	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	39.21	1.00	40	0	98	80	120	0	0	0	
1,2-Dichloropropane	42.78	1.00	40	0	107	80	120	0	0	0	
Chloroform	40.69	1.00	40	0	102	80	120	0	0	0	
Ethylbenzene	42.17	1.00	40	0	105	80	120	0	0	0	
Toluene	43.05	1.00	40	0	108	80	120	0	0	0	
Vinyl chloride	36.01	1.00	40	0	90	80	120	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1010138
Project: URIC / 8006.31.02

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: CCV-26886	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	Run ID: 5973J_101025A						
Client ID: ZZZZZ	Batch ID: 26886	TestNo: SW8260B		Analysis Date: 10/26/2010	SeqNo: 704895						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	43.3	1.00	40	0	108	80	120	0	0		
1,2-Dichloropropane	44.71	1.00	40	0	112	80	120	0	0		
Chloroform	41.13	1.00	40	0	103	80	120	0	0		
Ethylbenzene	42.98	1.00	40	0	107	80	120	0	0		
Toluene	41.54	1.00	40	0	104	80	120	0	0		
Vinyl chloride	43.48	1.00	40	0	109	80	120	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

KEY TO FLAGS

Rev. May 12, 2010

- A This sample contains a Gasoline Range Organic not identified as a specific hydrocarbon product. The result was quantified against gasoline calibration standards
- A1 This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was quantified against diesel calibration standards.
- A2 This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was quantified against a lube oil calibration standard.
- A3 The result was determined to be Non-Detect based on hydrocarbon pattern recognition. The product was carry-over from another hydrocarbon type.
- A4 The product appears to be aged or degraded diesel.
- B The blank exhibited a positive result great than the reporting limit for this compound.
- CN See Case Narrative.
- D Result is based from a dilution.
- E Result exceeds the calibration range for this compound. The result should be considered as estimate.
- F The positive result for this hydrocarbon is due to single component contamination. The product does not match any hydrocarbon in the fuels library.
- G Result may be biased high due to biogenic interferences. Clean up is recommended.
- H Sample was analyzed outside recommended holding time.
- HT At clients request, samples was analyzed outside of recommended holding time.
- J The result for this analyte is between the MDL and the PQL and should be considered as estimated concentration.
- K Diesel result is biased high due to amount of Oil contained in the sample.
- L Diesel result is biased high due to amount of Gasoline contained in the sample.
- M Oil result is biased high due to amount of Diesel contained in the sample.
- MC Sample concentration is greater than 4x the spiked value, the spiked value is considered insignificant.
- MI Result is outside control limits due to matrix interference.
- MSA Value determined by Method of Standard Addition.
- O Laboratory Control Standard (LCS) exceeded laboratory control limits, but meets CCV criteria. Data meets EPA requirements.
- Q Detection levels elevated due to sample matrix.
- R RPD control limits were exceeded.
- RF Duplicate failed due to result being at or near the method-reporting limit.
- RP Matrix spike values exceed established QC limits; post digestion spike is in control.
- S Recovery is outside control limits.
- SC Closing CCV or LCS exceeded high recovery control limits, but associated samples are non-detect. Data meets EPA requirements.
- * The result for this parameter was greater than the maximum contaminant level of the TCLP regulatory limit.

CHAIN OF CUSTODY RECORD

Specialty Analytical
 11711 SE Capps Road
 Clackamas, OR 97015
 Phone: 503-607-1331
 Fax: 503-607-1336

Contact Person/Project Manager Meredith D'Andrea
 Company MFA
 Address 2001 NW 17th Ave Ste 200
Portland, OR
 Phone Fax
 Project No. SCALE.31.02 Project Name URIC
 Project Site Location OR WA X Other
 Invoice To MFA P.O. No.

Collected By:
 Signature *Justin Bonds*
 Printed Justin Bonds

Signature
 Printed

Turn Around Time
 Normal 5-7 Business Days
 Rush Specify

Rush Analyses Must Be Scheduled With The Lab In Advance

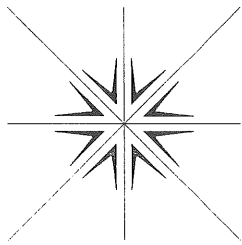
Date	Time	Sample I.D.	Matrix
10/18	945	GP66-W-15.0	W
10/18	1130	GP64-W-15.0	W
10/18	1215	GP65-W-21.0	W
10/18	1470	GP67-W-17.0	W
10/19	1000	GP63-W-21.0	W
10/19	1300	GP62-W-15.0	W

No. of Containers	Analyses						For Laboratory Use		
							Lab Job No.	Shipped Via	Air Bill No.
4							101038	Specialty	

Temperature On Receipt °C
 Specialty Analytical Containers? Y / N
 Specialty Analytical Trip Blanks? Y / N

Relinquished By: *Justin Bonds*
 Company: MFA
 Received By: *Meredith D'Andrea*
 Company: MFA
 Relinquished Date: 10/20/10 Time: 1500
 Received For Lab By: *Justin Bonds*
 Received Date: 10/20/10 Time: 1500

Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.
 Samples held beyond 60 days subject to storage fee(s)



Specialty Analytical

11711 SE Capps Road
Clackamas, OR 97015
(503) 607-1331
Fax (503) 607-1336

July 01, 2011

Merideth D'Andrea
Maul, Foster & Alongi
7223 NE Hazel Dell Avenue
Suite B
Vancouver, WA 98665

TEL: (360) 694-2691

FAX: (360) 906-1958

RE: URIC / 8006.31.01

Dear Merideth D'Andrea:

Order No.: 1106174

Specialty Analytical received 5 samples on 6/24/2011 for the analyses presented in the following report.

There were no problems with the analysis and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative, or as qualified with flags. Results apply only to the samples analyzed. Without approval of the laboratory, the reproduction of this report is only permitted in its entirety.

If you have any questions regarding these tests, please feel free to call.

Sincerely,


Cindy Hillyard
Project Manager


Technical Review

Specialty Analytical

Date: 01-Jul-11

CLIENT: Maul, Foster & Alongi
Project: URIC / 8006.31.01

Lab Order: 1106174

Lab ID: 1106174-01
Client Sample ID: GP68-W-15.5

Collection Date: 6/21/2011 9:00:00 AM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: kmn		
1,1-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 3:05:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 3:05:00 PM
Tetrachloroethene	ND	1.00		µg/L	1	6/30/2011 3:05:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 3:05:00 PM
Trichloroethene	ND	1.00		µg/L	1	6/30/2011 3:05:00 PM
Vinyl chloride	ND	1.00		µg/L	1	6/30/2011 3:05:00 PM
Surr: 1,2-Dichloroethane-d4	93.9	72.2-129		%REC	1	6/30/2011 3:05:00 PM
Surr: 4-Bromofluorobenzene	108	73.5-125		%REC	1	6/30/2011 3:05:00 PM
Surr: Dibromofluoromethane	103	58.8-148		%REC	1	6/30/2011 3:05:00 PM
Surr: Toluene-d8	109	79.8-137		%REC	1	6/30/2011 3:05:00 PM

Lab ID: 1106174-02
Client Sample ID: GP69-W-17.0

Collection Date: 6/21/2011 9:50:00 AM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: kmn		
1,1-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 3:41:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 3:41:00 PM
Tetrachloroethene	ND	1.00		µg/L	1	6/30/2011 3:41:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 3:41:00 PM
Trichloroethene	ND	1.00		µg/L	1	6/30/2011 3:41:00 PM
Vinyl chloride	ND	1.00		µg/L	1	6/30/2011 3:41:00 PM
Surr: 1,2-Dichloroethane-d4	96.5	72.2-129		%REC	1	6/30/2011 3:41:00 PM
Surr: 4-Bromofluorobenzene	105	73.5-125		%REC	1	6/30/2011 3:41:00 PM
Surr: Dibromofluoromethane	102	58.8-148		%REC	1	6/30/2011 3:41:00 PM
Surr: Toluene-d8	109	79.8-137		%REC	1	6/30/2011 3:41:00 PM

Specialty Analytical

Date: 01-Jul-11

CLIENT: Maul, Foster & Alongi
Project: URIC / 8006.31.01

Lab Order: 1106174

Lab ID: 1106174-03
Client Sample ID: GP70-W-17.0

Collection Date: 6/21/2011 11:00:00 AM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANICS BY GC/MS		SW8260B			Analyst: kmn	
1,1-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 4:16:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 4:16:00 PM
Tetrachloroethene	ND	1.00		µg/L	1	6/30/2011 4:16:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 4:16:00 PM
Trichloroethene	ND	1.00		µg/L	1	6/30/2011 4:16:00 PM
Vinyl chloride	ND	1.00		µg/L	1	6/30/2011 4:16:00 PM
Surr: 1,2-Dichloroethane-d4	95.0	72.2-129		%REC	1	6/30/2011 4:16:00 PM
Surr: 4-Bromofluorobenzene	110	73.5-125		%REC	1	6/30/2011 4:16:00 PM
Surr: Dibromofluoromethane	103	58.8-148		%REC	1	6/30/2011 4:16:00 PM
Surr: Toluene-d8	110	79.8-137		%REC	1	6/30/2011 4:16:00 PM

Lab ID: 1106174-04
Client Sample ID: GP81-W-19.0

Collection Date: 6/23/2011 12:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANICS BY GC/MS		SW8260B			Analyst: kmn	
1,1-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 4:52:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 4:52:00 PM
Tetrachloroethene	ND	1.00		µg/L	1	6/30/2011 4:52:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 4:52:00 PM
Trichloroethene	ND	1.00		µg/L	1	6/30/2011 4:52:00 PM
Vinyl chloride	ND	1.00		µg/L	1	6/30/2011 4:52:00 PM
Surr: 1,2-Dichloroethane-d4	93.2	72.2-129		%REC	1	6/30/2011 4:52:00 PM
Surr: 4-Bromofluorobenzene	104	73.5-125		%REC	1	6/30/2011 4:52:00 PM
Surr: Dibromofluoromethane	102	58.8-148		%REC	1	6/30/2011 4:52:00 PM
Surr: Toluene-d8	107	79.8-137		%REC	1	6/30/2011 4:52:00 PM

Specialty Analytical

Date: 01-Jul-11

CLIENT: Maul, Foster & Alongi
Project: URIC / 8006.31.01

Lab Order: 1106174

Lab ID: 1106174-05
Client Sample ID: GP71-W-22.1

Collection Date: 6/21/2011 2:20:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS						
						Analyst: kmn
1,1-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 5:25:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 5:25:00 PM
Tetrachloroethene	ND	1.00		µg/L	1	6/30/2011 5:25:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 5:25:00 PM
Trichloroethene	ND	1.00		µg/L	1	6/30/2011 5:25:00 PM
Vinyl chloride	ND	1.00		µg/L	1	6/30/2011 5:25:00 PM
Surr: 1,2-Dichloroethane-d4	94.9	72.2-129		%REC	1	6/30/2011 5:25:00 PM
Surr: 4-Bromofluorobenzene	104	73.5-125		%REC	1	6/30/2011 5:25:00 PM
Surr: Dibromofluoromethane	103	58.8-148		%REC	1	6/30/2011 5:25:00 PM
Surr: Toluene-d8	108	79.8-137		%REC	1	6/30/2011 5:25:00 PM

CLIENT: Maul, Foster & Alongi
Work Order: 1106174
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: MB-28833	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date: 6/30/2011	Run ID: 5973J_110630A						
Client ID: ZZZZZ	Batch ID: 28833	TestNo: SW8260B		Analysis Date: 6/30/2011	SeqNo: 761124						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	1.00									
1,1,1-Trichloroethane	ND	1.00									
1,1,2,2-Tetrachloroethane	ND	1.00									
1,1,2-Trichloroethane	ND	1.00									
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,1-Dichloropropene	ND	1.00									
1,2,3-Trichlorobenzene	ND	1.00									
1,2,3-Trichloropropane	ND	1.00									
1,2,4-Trichlorobenzene	ND	1.00									
1,2,4-Trimethylbenzene	ND	1.00									
1,2-Dibromo-3-chloropropane	ND	1.00									
1,2-Dibromoethane	ND	1.00									
1,2-Dichlorobenzene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
1,2-Dichloropropane	ND	1.00									
1,3,5-Trimethylbenzene	ND	1.00									
1,3-Dichlorobenzene	ND	1.00									
1,3-Dichloropropane	ND	1.00									
1,4-Dichlorobenzene	ND	1.00									
2,2-Dichloropropane	ND	1.00									
2-Butanone	ND	10.0									
2-Chlorotoluene	ND	1.00									
2-Hexanone	ND	10.0									
4-Chlorotoluene	ND	1.00									
4-Isopropyltoluene	ND	1.00									
4-Methyl-2-pentanone	ND	20.0									
Acetone	1.16	50.0									J
Acrylonitrile	ND	5.00									
Benzene	ND	0.300									

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1106174
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: MB-28833	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date: 6/30/2011	Run ID: 5973J_110630A						
Client ID: ZZZZZ	Batch ID: 28833	TestNo: SW8260B		Analysis Date: 6/30/2011	SeqNo: 761124						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromobenzene	ND	1.00									
Bromochloromethane	ND	1.00									
Bromodichloromethane	ND	1.00									
Bromoform	ND	1.00									
Bromomethane	3.06	1.00									
Carbon disulfide	ND	2.00									
Carbon tetrachloride	ND	1.00									
Chlorobenzene	ND	1.00									
Chloroethane	ND	1.00									
Chloroform	0.49	1.00									J
Chloromethane	3.53	1.00									
cis-1,2-Dichloroethene	ND	1.00									
cis-1,3-Dichloropropene	ND	1.00									
Dibromochloromethane	ND	1.00									
Dibromomethane	ND	1.00									
Dichlorodifluoromethane	ND	1.00									
Ethylbenzene	ND	1.00									
Hexachlorobutadiene	ND	1.00									
Isopropylbenzene	ND	1.00									
m,p-Xylene	ND	2.00									
Methyl tert-butyl ether	ND	1.00									
Methylene chloride	4.63	20.0									J
n-Butylbenzene	ND	1.00									
n-Propylbenzene	ND	1.00									
Naphthalene	ND	1.00									
o-Xylene	ND	1.00									
sec-Butylbenzene	ND	1.00									
Styrene	ND	1.00									
tert-Butylbenzene	ND	1.00									
Tetrachloroethene	ND	1.00									
Toluene	ND	1.00									

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1106174
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: MB-28833		SampType: MBLK		TestCode: 8260_W		Units: µg/L		Prep Date: 6/30/2011		Run ID: 5973J_110630A	
Client ID: ZZZZ		Batch ID: 28833		TestNo: SW8260B				Analysis Date: 6/30/2011		SeqNo: 761124	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	ND	1.00									
trans-1,3-Dichloropropene	ND	1.00									
Trichloroethene	ND	1.00									
Trichlorofluoromethane	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	94.55	0	100	0	94.6	72.2	129	0	0		
Surr: 4-Bromofluorobenzene	101.5	0	100	0	102	73.5	125	0	0		
Surr: Dibromofluoromethane	99.42	0	100	0	99.4	58.8	148	0	0		
Surr: Toluene-d8	106.7	0	100	0	107	79.8	137	0	0		

Sample ID: LCS-28833		SampType: LCS		TestCode: 8260_W		Units: µg/L		Prep Date: 6/30/2011		Run ID: 5973J_110630A	
Client ID: ZZZZ		Batch ID: 28833		TestNo: SW8260B				Analysis Date: 6/30/2011		SeqNo: 761120	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	40.22	1.00	40	0	101	69.9	130	0	0		
Benzene	44.63	0.300	40	0	112	77.9	125	0	0		
Chlorobenzene	42.44	1.00	40	0	106	82.5	114	0	0		
Toluene	43.56	1.00	40	0	109	74.6	119	0	0		
Trichloroethene	44.39	1.00	40	0	111	74.7	125	0	0		

Sample ID: 1106174-01AMS		SampType: MS		TestCode: 8260_W		Units: µg/L		Prep Date: 6/30/2011		Run ID: 5973J_110630A	
Client ID: GP68-W-15.5		Batch ID: 28833		TestNo: SW8260B				Analysis Date: 6/30/2011		SeqNo: 761121	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	39.84	1.00	40	0	99.6	51.4	176	0	0		
Benzene	43.75	0.300	40	0	109	71.5	118	0	0		
Chlorobenzene	42.03	1.00	40	0	105	79.8	114	0	0		
Toluene	42.94	1.00	40	0	107	79.6	121	0	0		
Trichloroethene	44.65	1.00	40	0	112	73.6	120	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1106174
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: 1106174-01AMSD		SampType: MSD		TestCode: 8260_W		Units: µg/L		Prep Date: 6/30/2011		Run ID: 5973J_110630A	
Client ID: GP68-W-15.5		Batch ID: 28833		TestNo: SW8260B		Analysis Date: 6/30/2011		SeqNo: 761122			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	36.7	1.00	40	0	91.8	51.4	176	39.84	8.20	20	
Benzene	42.3	0.300	40	0	106	71.5	118	43.75	3.37	20	
Chlorobenzene	40.87	1.00	40	0	102	79.8	114	42.03	2.80	20	
Toluene	40.96	1.00	40	0	102	79.6	121	42.94	4.72	20	
Trichloroethene	42.3	1.00	40	0	106	73.6	120	44.65	5.41	20	

Sample ID: CCV-28833		SampType: CCV		TestCode: 8260_W		Units: µg/L		Prep Date:		Run ID: 5973J_110630A	
Client ID: ZZZZZ		Batch ID: 28833		TestNo: SW8260B		Analysis Date: 6/30/2011		SeqNo: 761119			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	41.9	1.00	40	0	105	80	120	0	0		
1,2-Dichloropropane	43.42	1.00	40	0	109	80	120	0	0		
Chloroform	43.42	1.00	40	0	109	80	120	0	0		
Ethylbenzene	46.03	1.00	40	0	115	80	120	0	0		
Toluene	43.67	1.00	40	0	109	80	120	0	0		
Vinyl chloride	39.45	1.00	40	0	98.6	80	120	0	0		

Sample ID: CCV-28833		SampType: CCV		TestCode: 8260_W		Units: µg/L		Prep Date:		Run ID: 5973J_110630A	
Client ID: ZZZZZ		Batch ID: 28833		TestNo: SW8260B		Analysis Date: 6/30/2011		SeqNo: 761318			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	40.97	1.00	40	0	102	80	120	0	0		
1,2-Dichloropropane	43.4	1.00	40	0	108	80	120	0	0		
Chloroform	42.53	1.00	40	0	106	80	120	0	0		
Ethylbenzene	45.61	1.00	40	0	114	80	120	0	0		
Toluene	44.18	1.00	40	0	110	80	120	0	0		
Vinyl chloride	39.36	1.00	40	0	98.4	80	120	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

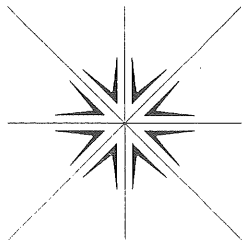
S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

KEY TO FLAGS

Rev. May 12, 2010

- A This sample contains a Gasoline Range Organic not identified as a specific hydrocarbon product. The result was quantified against gasoline calibration standards
- A1 This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was quantified against diesel calibration standards.
- A2 This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was quantified against a lube oil calibration standard.
- A3 The result was determined to be Non-Detect based on hydrocarbon pattern recognition. The product was carry-over from another hydrocarbon type.
- A4 The product appears to be aged or degraded diesel.
- B The blank exhibited a positive result great than the reporting limit for this compound.
- CN See Case Narrative.
- D Result is based from a dilution.
- E Result exceeds the calibration range for this compound. The result should be considered as estimate.
- F The positive result for this hydrocarbon is due to single component contamination. The product does not match any hydrocarbon in the fuels library.
- G Result may be biased high due to biogenic interferences. Clean up is recommended.
- H Sample was analyzed outside recommended holding time.
- HT At clients request, samples was analyzed outside of recommended holding time.
- J The result for this analyte is between the MDL and the PQL and should be considered as estimated concentration.
- K Diesel result is biased high due to amount of Oil contained in the sample.
- L Diesel result is biased high due to amount of Gasoline contained in the sample.
- M Oil result is biased high due to amount of Diesel contained in the sample.
- MC Sample concentration is greater than 4x the spiked value, the spiked value is considered insignificant.
- MI Result is outside control limits due to matrix interference.
- MSA Value determined by Method of Standard Addition.
- O Laboratory Control Standard (LCS) exceeded laboratory control limits, but meets CCV criteria. Data meets EPA requirements.
- Q Detection levels elevated due to sample matrix.
- R RPD control limits were exceeded.
- RF Duplicate failed due to result being at or near the method-reporting limit.
- RP Matrix spike values exceed established QC limits; post digestion spike is in control.
- S Recovery is outside control limits.
- SC Closing CCV or LCS exceeded high recovery control limits, but associated samples are non-detect. Data meets EPA requirements.
- * The result for this parameter was greater than the maximum contaminant level of the TCLP regulatory limit.



Specialty Analytical

11711 SE Capps Road
Clackamas, OR 97015
(503) 607-1331
Fax (503) 607-1336

July 07, 2011

Meri DeAndrea
Maul, Foster & Alongi
7223 NE Hazel Dell Avenue
Suite B
Vancouver, WA 98665
TEL: (360) 694-2691
FAX: (360) 906-1958

RE: URIC / 8006.31.01

Dear Meri DeAndrea:

Order No.: 1106182

Specialty Analytical received 8 samples on 6/27/2011 for the analyses presented in the following report.

There were no problems with the analysis and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative, or as qualified with flags. Results apply only to the samples analyzed. Without approval of the laboratory, the reproduction of this report is only permitted in its entirety.

If you have any questions regarding these tests, please feel free to call.

Sincerely,


Cindy Hillyard
Project Manager


Technical Review

Specialty Analytical

Date: 07-Jul-11

CLIENT: Maul, Foster & Alongi
Project: URIC / 8006.31.01

Lab Order: 1106182

Lab ID: 1106182-01

Collection Date: 6/24/2011 2:45:00 PM

Client Sample ID: MW1-12.5

Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: kmn		
1,1-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 7:10:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 7:10:00 PM
Tetrachloroethene	19.5	1.00		µg/L	1	6/30/2011 7:10:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 7:10:00 PM
Trichloroethene	ND	1.00		µg/L	1	6/30/2011 7:10:00 PM
Vinyl chloride	ND	1.00		µg/L	1	6/30/2011 7:10:00 PM
Surr: 1,2-Dichloroethane-d4	96.5	72.2-129		%REC	1	6/30/2011 7:10:00 PM
Surr: 4-Bromofluorobenzene	104	73.5-125		%REC	1	6/30/2011 7:10:00 PM
Surr: Dibromofluoromethane	103	58.8-148		%REC	1	6/30/2011 7:10:00 PM
Surr: Toluene-d8	108	79.8-137		%REC	1	6/30/2011 7:10:00 PM

Lab ID: 1106182-02

Collection Date: 6/24/2011 3:30:00 PM

Client Sample ID: MW2-14.0

Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: kmn		
1,1-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 7:45:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 7:45:00 PM
Tetrachloroethene	8.84	1.00		µg/L	1	6/30/2011 7:45:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 7:45:00 PM
Trichloroethene	ND	1.00		µg/L	1	6/30/2011 7:45:00 PM
Vinyl chloride	ND	1.00		µg/L	1	6/30/2011 7:45:00 PM
Surr: 1,2-Dichloroethane-d4	93.3	72.2-129		%REC	1	6/30/2011 7:45:00 PM
Surr: 4-Bromofluorobenzene	106	73.5-125		%REC	1	6/30/2011 7:45:00 PM
Surr: Dibromofluoromethane	102	58.8-148		%REC	1	6/30/2011 7:45:00 PM
Surr: Toluene-d8	108	79.8-137		%REC	1	6/30/2011 7:45:00 PM

Specialty Analytical

Date: 07-Jul-11

CLIENT: Maul, Foster & Alongi
Project: URIC / 8006.31.01

Lab Order: 1106182

Lab ID: 1106182-03
Client Sample ID: MW3-15.0

Collection Date: 6/24/2011 1:05:00 PM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANICS BY GC/MS

SW8260B

Analyst: kmn

1,1-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 8:21:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 8:21:00 PM
Tetrachloroethene	12500	200		µg/L	200	7/1/2011 1:55:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 8:21:00 PM
Trichloroethene	3.47	1.00		µg/L	1	6/30/2011 8:21:00 PM
Vinyl chloride	ND	1.00		µg/L	1	6/30/2011 8:21:00 PM
Surr: 1,2-Dichloroethane-d4	94.4	72.2-129		%REC	1	6/30/2011 8:21:00 PM
Surr: 4-Bromofluorobenzene	100	73.5-125		%REC	1	6/30/2011 8:21:00 PM
Surr: Dibromofluoromethane	103	58.8-148		%REC	1	6/30/2011 8:21:00 PM
Surr: Toluene-d8	91.5	79.8-137		%REC	1	6/30/2011 8:21:00 PM

Lab ID: 1106182-04
Client Sample ID: MW4-16.0

Collection Date: 6/24/2011 8:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANICS BY GC/MS

SW8260B

Analyst: kmn

1,1-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 8:55:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 8:55:00 PM
Tetrachloroethene	226	2.00		µg/L	2	7/1/2011 1:18:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 8:55:00 PM
Trichloroethene	13.9	1.00		µg/L	1	6/30/2011 8:55:00 PM
Vinyl chloride	ND	1.00		µg/L	1	6/30/2011 8:55:00 PM
Surr: 1,2-Dichloroethane-d4	93.1	72.2-129		%REC	1	6/30/2011 8:55:00 PM
Surr: 4-Bromofluorobenzene	103	73.5-125		%REC	1	6/30/2011 8:55:00 PM
Surr: Dibromofluoromethane	99.7	58.8-148		%REC	1	6/30/2011 8:55:00 PM
Surr: Toluene-d8	109	79.8-137		%REC	1	6/30/2011 8:55:00 PM

Specialty Analytical

Date: 07-Jul-11

CLIENT: Maul, Foster & Alongi
Project: URIC / 8006.31.01

Lab Order: 1106182

Lab ID: 1106182-05

Collection Date: 6/24/2011 11:56:00 AM

Client Sample ID: MW5-16.5

Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
1,1-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 11:14:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 11:14:00 PM
Tetrachloroethene	2240	50.0		µg/L	50	7/1/2011 2:32:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	6/30/2011 11:14:00 PM
Trichloroethene	3.61	1.00		µg/L	1	6/30/2011 11:14:00 PM
Vinyl chloride	ND	1.00		µg/L	1	6/30/2011 11:14:00 PM
Surr: 1,2-Dichloroethane-d4	97.2	72.2-129		%REC	1	6/30/2011 11:14:00 PM
Surr: 4-Bromofluorobenzene	101	73.5-125		%REC	1	6/30/2011 11:14:00 PM
Surr: Dibromofluoromethane	101	58.8-148		%REC	1	6/30/2011 11:14:00 PM
Surr: Toluene-d8	102	79.8-137		%REC	1	6/30/2011 11:14:00 PM

Lab ID: 1106182-06

Collection Date: 6/24/2011 9:30:00 AM

Client Sample ID: MW6-16.0

Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: kmn
1,1-Dichloroethene	ND	1.00		µg/L	1	7/1/2011 11:31:00 AM
cis-1,2-Dichloroethene	1.31	1.00		µg/L	1	7/1/2011 11:31:00 AM
Tetrachloroethene	3.77	1.00		µg/L	1	7/1/2011 11:31:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	7/1/2011 11:31:00 AM
Trichloroethene	19.1	1.00		µg/L	1	7/1/2011 11:31:00 AM
Vinyl chloride	ND	1.00		µg/L	1	7/1/2011 11:31:00 AM
Surr: 1,2-Dichloroethane-d4	94.7	72.2-129		%REC	1	7/1/2011 11:31:00 AM
Surr: 4-Bromofluorobenzene	106	73.5-125		%REC	1	7/1/2011 11:31:00 AM
Surr: Dibromofluoromethane	103	58.8-148		%REC	1	7/1/2011 11:31:00 AM
Surr: Toluene-d8	108	79.8-137		%REC	1	7/1/2011 11:31:00 AM

Specialty Analytical

Date: 07-Jul-11

CLIENT: Maul, Foster & Alongi
Project: URIC / 8006.31.01

Lab Order: 1106182

Lab ID: 1106182-07

Collection Date: 6/24/2011 10:55:00 AM

Client Sample ID: MW7-15.0

Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: kmn		
1,1-Dichloroethene	ND	1.00		µg/L	1	7/1/2011 12:07:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	7/1/2011 12:07:00 PM
Tetrachloroethene	11.7	1.00		µg/L	1	7/1/2011 12:07:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	7/1/2011 12:07:00 PM
Trichloroethene	ND	1.00		µg/L	1	7/1/2011 12:07:00 PM
Vinyl chloride	ND	1.00		µg/L	1	7/1/2011 12:07:00 PM
Surr: 1,2-Dichloroethane-d4	96.5	72.2-129		%REC	1	7/1/2011 12:07:00 PM
Surr: 4-Bromofluorobenzene	104	73.5-125		%REC	1	7/1/2011 12:07:00 PM
Surr: Dibromofluoromethane	104	58.8-148		%REC	1	7/1/2011 12:07:00 PM
Surr: Toluene-d8	110	79.8-137		%REC	1	7/1/2011 12:07:00 PM

Lab ID: 1106182-08

Collection Date: 6/24/2011 8:30:00 AM

Client Sample ID: MW4-16-DUP

Matrix: GROUNDWATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: kmn		
1,1-Dichloroethene	ND	1.00		µg/L	1	7/1/2011 12:58:00 AM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	7/1/2011 12:58:00 AM
Tetrachloroethene	216	2.00		µg/L	2	7/1/2011 12:42:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	7/1/2011 12:58:00 AM
Trichloroethene	15.8	1.00		µg/L	1	7/1/2011 12:58:00 AM
Vinyl chloride	ND	1.00		µg/L	1	7/1/2011 12:58:00 AM
Surr: 1,2-Dichloroethane-d4	92.9	72.2-129		%REC	1	7/1/2011 12:58:00 AM
Surr: 4-Bromofluorobenzene	103	73.5-125		%REC	1	7/1/2011 12:58:00 AM
Surr: Dibromofluoromethane	102	58.8-148		%REC	1	7/1/2011 12:58:00 AM
Surr: Toluene-d8	107	79.8-137		%REC	1	7/1/2011 12:58:00 AM

CLIENT: Maul, Foster & Alongi
Work Order: 1106182
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: MB-28833	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date: 6/30/2011	Run ID: 5973J_110630A						
Client ID: ZZZZZ	Batch ID: 28833	TestNo: SW8260B		Analysis Date: 6/30/2011	SeqNo: 761124						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	1.00									
1,1,1-Trichloroethane	ND	1.00									
1,1,2,2-Tetrachloroethane	ND	1.00									
1,1,2-Trichloroethane	ND	1.00									
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,1-Dichloropropene	ND	1.00									
1,2,3-Trichlorobenzene	ND	1.00									
1,2,3-Trichloropropane	ND	1.00									
1,2,4-Trichlorobenzene	ND	1.00									
1,2,4-Trimethylbenzene	ND	1.00									
1,2-Dibromo-3-chloropropane	ND	1.00									
1,2-Dibromoethane	ND	1.00									
1,2-Dichlorobenzene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
1,2-Dichloropropane	ND	1.00									
1,3,5-Trimethylbenzene	ND	1.00									
1,3-Dichlorobenzene	ND	1.00									
1,3-Dichloropropane	ND	1.00									
1,4-Dichlorobenzene	ND	1.00									
2,2-Dichloropropane	ND	1.00									
2-Butanone	ND	10.0									
2-Chlorotoluene	ND	1.00									
2-Hexanone	ND	10.0									
4-Chlorotoluene	ND	1.00									
4-Isopropyltoluene	ND	1.00									
4-Methyl-2-pentanone	ND	20.0									
Acetone	1.16	50.0									J
Acrylonitrile	ND	5.00									
Benzene	ND	0.300									

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1106182
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: MB-28833	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date: 6/30/2011	Run ID: 5973J_110630A						
Client ID: ZZZZZ	Batch ID: 28833	TestNo: SW8260B		Analysis Date: 6/30/2011	SeqNo: 761124						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromobenzene	ND	1.00									
Bromochloromethane	ND	1.00									
Bromodichloromethane	ND	1.00									
Bromoform	ND	1.00									
Bromomethane	3.06	1.00									
Carbon disulfide	ND	2.00									
Carbon tetrachloride	ND	1.00									
Chlorobenzene	ND	1.00									
Chloroethane	ND	1.00									
Chloroform	0.49	1.00									J
Chloromethane	3.53	1.00									
cis-1,2-Dichloroethene	ND	1.00									
cis-1,3-Dichloropropene	ND	1.00									
Dibromochloromethane	ND	1.00									
Dibromomethane	ND	1.00									
Dichlorodifluoromethane	ND	1.00									
Ethylbenzene	ND	1.00									
Hexachlorobutadiene	ND	1.00									
Isopropylbenzene	ND	1.00									
m,p-Xylene	ND	2.00									
Methyl tert-butyl ether	ND	1.00									
Methylene chloride	4.63	20.0									J
n-Butylbenzene	ND	1.00									
n-Propylbenzene	ND	1.00									
Naphthalene	ND	1.00									
o-Xylene	ND	1.00									
sec-Butylbenzene	ND	1.00									
Styrene	ND	1.00									
tert-Butylbenzene	ND	1.00									
Tetrachloroethene	ND	1.00									
Toluene	ND	1.00									

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1106182
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: MB-28833		SampType: MBLK		TestCode: 8260_W		Units: µg/L		Prep Date: 6/30/2011		Run ID: 5973J_110630A		
Client ID: ZZZZZ		Batch ID: 28833		TestNo: SW8260B				Analysis Date: 6/30/2011		SeqNo: 761124		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
trans-1,2-Dichloroethene	ND	1.00										
trans-1,3-Dichloropropene	ND	1.00										
Trichloroethene	ND	1.00										
Trichlorofluoromethane	ND	1.00										
Vinyl chloride	ND	1.00										
Surr: 1,2-Dichloroethane-d4	94.55	0	100	0	94.6	72.2	129	0	0			
Surr: 4-Bromofluorobenzene	101.5	0	100	0	102	73.5	125	0	0			
Surr: Dibromofluoromethane	99.42	0	100	0	99.4	58.8	148	0	0			
Surr: Toluene-d8	106.7	0	100	0	107	79.8	137	0	0			

Sample ID: LCS-28833		SampType: LCS		TestCode: 8260_W		Units: µg/L		Prep Date: 6/30/2011		Run ID: 5973J_110630A		
Client ID: ZZZZZ		Batch ID: 28833		TestNo: SW8260B				Analysis Date: 6/30/2011		SeqNo: 761120		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1-Dichloroethene	40.22	1.00	40	0	101	69.9	130	0	0			
Benzene	44.63	0.300	40	0	112	77.9	125	0	0			
Chlorobenzene	42.44	1.00	40	0	106	82.5	114	0	0			
Toluene	43.56	1.00	40	0	109	74.6	119	0	0			
Trichloroethene	44.39	1.00	40	0	111	74.7	125	0	0			

Sample ID: 1106174-01AMS		SampType: MS		TestCode: 8260_W		Units: µg/L		Prep Date: 6/30/2011		Run ID: 5973J_110630A		
Client ID: ZZZZZ		Batch ID: 28833		TestNo: SW8260B				Analysis Date: 6/30/2011		SeqNo: 761121		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1-Dichloroethene	39.84	1.00	40	0	99.6	51.4	176	0	0			
Benzene	43.75	0.300	40	0	109	71.5	118	0	0			
Chlorobenzene	42.03	1.00	40	0	105	79.8	114	0	0			
Toluene	42.94	1.00	40	0	107	79.6	121	0	0			
Trichloroethene	44.65	1.00	40	0	112	73.6	120	0	0			

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1106182
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: 1106174-01AMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date: 6/30/2011	Run ID: 5973J_110630A
Client ID: ZZZZZ	Batch ID: 28833	TestNo: SW8260B		Analysis Date: 6/30/2011	SeqNo: 761122

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	36.7	1.00	40	0	91.8	51.4	176	39.84	8.20	20	
Benzene	42.3	0.300	40	0	106	71.5	118	43.75	3.37	20	
Chlorobenzene	40.87	1.00	40	0	102	79.8	114	42.03	2.80	20	
Toluene	40.96	1.00	40	0	102	79.6	121	42.94	4.72	20	
Trichloroethene	42.3	1.00	40	0	106	73.6	120	44.65	5.41	20	

Sample ID: CCB-28833	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date: 6/30/2011	Run ID: 5973J_110630A
Client ID: ZZZZZ	Batch ID: 28833	TestNo: SW8260B		Analysis Date: 6/30/2011	SeqNo: 761319

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1,1-Trichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
1,1-Dichloropropene	ND	1.00	0	0	0	0	0	0	0	0	
1,2,3-Trichlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,2,3-Trichloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,2,4-Trimethylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,3,5-Trimethylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,3-Dichloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
2,2-Dichloropropane	ND	1.00	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1106182
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: CCB-28833	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date: 6/30/2011	Run ID: 5973J_110630A						
Client ID: ZZZZZ	Batch ID: 28833	TestNo: SW8260B		Analysis Date: 6/30/2011	SeqNo: 761319						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Butanone	ND	10.0	0	0	0	0	0	0	0	0	
2-Chlorotoluene	ND	1.00	0	0	0	0	0	0	0	0	
2-Hexanone	ND	10.0	0	0	0	0	0	0	0	0	
4-Chlorotoluene	ND	1.00	0	0	0	0	0	0	0	0	
4-Isopropyltoluene	ND	1.00	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	ND	20.0	0	0	0	0	0	0	0	0	
Acetone	ND	50.0	0	0	0	0	0	0	0	0	
Acrylonitrile	ND	5.00	0	0	0	0	0	0	0	0	
Benzene	ND	0.300	0	0	0	0	0	0	0	0	
Bromobenzene	ND	1.00	0	0	0	0	0	0	0	0	
Bromochloromethane	ND	1.00	0	0	0	0	0	0	0	0	
Bromodichloromethane	ND	1.00	0	0	0	0	0	0	0	0	
Bromoform	ND	1.00	0	0	0	0	0	0	0	0	
Bromomethane	ND	1.00	0	0	0	0	0	0	0	0	
Carbon disulfide	ND	2.00	0	0	0	0	0	0	0	0	
Carbon tetrachloride	ND	1.00	0	0	0	0	0	0	0	0	
Chlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
Chloroethane	ND	1.00	0	0	0	0	0	0	0	0	
Chloroform	0.48	1.00	0	0	0	0	0	0	0	0	
Chloromethane	ND	1.00	0	0	0	0	0	0	0	0	
cis-1,2-Dichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	ND	1.00	0	0	0	0	0	0	0	0	
Dibromochloromethane	ND	1.00	0	0	0	0	0	0	0	0	
Dibromomethane	ND	1.00	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	ND	1.00	0	0	0	0	0	0	0	0	
Ethylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
Hexachlorobutadiene	ND	1.00	0	0	0	0	0	0	0	0	
Isopropylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
m,p-Xylene	ND	2.00	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	ND	1.00	0	0	0	0	0	0	0	0	
Methylene chloride	5.96	20.0	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
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S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1106182
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: CCB-28833	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date: 6/30/2011	Run ID: 5973J_110630A						
Client ID: ZZZZZ	Batch ID: 28833	TestNo: SW8260B		Analysis Date: 6/30/2011	SeqNo: 761319						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
n-Butylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
n-Propylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
Naphthalene	ND	1.00	0	0	0	0	0	0	0	0	
o-Xylene	ND	1.00	0	0	0	0	0	0	0	0	
sec-Butylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
Styrene	ND	1.00	0	0	0	0	0	0	0	0	
tert-Butylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
Tetrachloroethene	2.65	1.00	0	0	0	0	0	0	0	0	
Toluene	ND	1.00	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	ND	1.00	0	0	0	0	0	0	0	0	
Trichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	ND	1.00	0	0	0	0	0	0	0	0	
Vinyl chloride	ND	1.00	0	0	0	0	0	0	0	0	
Surr: 1,2-Dichloroethane-d4	94.89	0	100	0	94.9	72.2	129	0	0	0	
Surr: 4-Bromofluorobenzene	104.1	0	100	0	104	73.5	125	0	0	0	
Surr: Dibromofluoromethane	100.4	0	100	0	100	58.8	148	0	0	0	
Surr: Toluene-d8	109	0	100	0	109	79.8	137	0	0	0	

Sample ID: CCB-28833	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date: 6/30/2011	Run ID: 5973J_110630A						
Client ID: ZZZZZ	Batch ID: 28833	TestNo: SW8260B		Analysis Date: 7/1/2011	SeqNo: 761442						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1,1-Trichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
1,1-Dichloropropene	ND	1.00	0	0	0	0	0	0	0	0	
1,2,3-Trichlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1106182
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: CCB-28833	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date: 6/30/2011	Run ID: 5973J_110630A						
Client ID: ZZZZZ	Batch ID: 28833	TestNo: SW8260B		Analysis Date: 7/1/2011	SeqNo: 761442						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,2,3-Trichloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,2,4-Trimethylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,3,5-Trimethylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,3-Dichloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
2,2-Dichloropropane	ND	1.00	0	0	0	0	0	0	0	0	
2-Butanone	ND	10.0	0	0	0	0	0	0	0	0	
2-Chlorotoluene	ND	1.00	0	0	0	0	0	0	0	0	
2-Hexanone	ND	10.0	0	0	0	0	0	0	0	0	
4-Chlorotoluene	ND	1.00	0	0	0	0	0	0	0	0	
4-Isopropyltoluene	ND	1.00	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	ND	20.0	0	0	0	0	0	0	0	0	
Acetone	ND	50.0	0	0	0	0	0	0	0	0	
Acrylonitrile	ND	5.00	0	0	0	0	0	0	0	0	
Benzene	ND	0.300	0	0	0	0	0	0	0	0	
Bromobenzene	ND	1.00	0	0	0	0	0	0	0	0	
Bromochloromethane	ND	1.00	0	0	0	0	0	0	0	0	
Bromodichloromethane	ND	1.00	0	0	0	0	0	0	0	0	
Bromoform	ND	1.00	0	0	0	0	0	0	0	0	
Bromomethane	ND	1.00	0	0	0	0	0	0	0	0	
Carbon disulfide	ND	2.00	0	0	0	0	0	0	0	0	
Carbon tetrachloride	ND	1.00	0	0	0	0	0	0	0	0	
Chlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
Chloroethane	ND	1.00	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1106182
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: CCB-28833	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date: 6/30/2011	Run ID: 5973J_110630A						
Client ID: ZZZZZ	Batch ID: 28833	TestNo: SW8260B		Analysis Date: 7/1/2011	SeqNo: 761442						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloroform	0.41	1.00	0	0	0	0	0	0	0	0	
Chloromethane	ND	1.00	0	0	0	0	0	0	0	0	
cis-1,2-Dichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	ND	1.00	0	0	0	0	0	0	0	0	
Dibromochloromethane	ND	1.00	0	0	0	0	0	0	0	0	
Dibromomethane	ND	1.00	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	ND	1.00	0	0	0	0	0	0	0	0	
Ethylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
Hexachlorobutadiene	ND	1.00	0	0	0	0	0	0	0	0	
Isopropylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
m,p-Xylene	ND	2.00	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	ND	1.00	0	0	0	0	0	0	0	0	
Methylene chloride	6.1	20.0	0	0	0	0	0	0	0	0	
n-Butylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
n-Propylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
Naphthalene	ND	1.00	0	0	0	0	0	0	0	0	
o-Xylene	ND	1.00	0	0	0	0	0	0	0	0	
sec-Butylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
Styrene	ND	1.00	0	0	0	0	0	0	0	0	
tert-Butylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
Tetrachloroethene	0.53	1.00	0	0	0	0	0	0	0	0	
Toluene	ND	1.00	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	ND	1.00	0	0	0	0	0	0	0	0	
Trichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	ND	1.00	0	0	0	0	0	0	0	0	
Vinyl chloride	ND	1.00	0	0	0	0	0	0	0	0	
Surr: 1,2-Dichloroethane-d4	94.73	0	100	0	94.7	72.2	129	0	0	0	
Surr: 4-Bromofluorobenzene	106.2	0	100	0	106	73.5	125	0	0	0	
Surr: Dibromofluoromethane	102	0	100	0	102	58.8	148	0	0	0	
Surr: Toluene-d8	105	0	100	0	105	79.8	137	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1106182
Project: URIC / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: CCV-28833	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	Run ID: 5973J_110630A
Client ID: ZZZZZ	Batch ID: 28833	TestNo: SW8260B		Analysis Date: 6/30/2011	SeqNo: 761119

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	41.9	1.00	40	0	105	80	120	0	0		
1,2-Dichloropropane	43.42	1.00	40	0	109	80	120	0	0		
Chloroform	43.42	1.00	40	0	109	80	120	0	0		
Ethylbenzene	46.03	1.00	40	0	115	80	120	0	0		
Toluene	43.67	1.00	40	0	109	80	120	0	0		
Vinyl chloride	39.45	1.00	40	0	98.6	80	120	0	0		

Sample ID: CCV-28833	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	Run ID: 5973J_110630A
Client ID: ZZZZZ	Batch ID: 28833	TestNo: SW8260B		Analysis Date: 6/30/2011	SeqNo: 761318

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	40.97	1.00	40	0	102	80	120	0	0		
1,2-Dichloropropane	43.4	1.00	40	0	108	80	120	0	0		
Chloroform	42.53	1.00	40	0	106	80	120	0	0		
Ethylbenzene	45.61	1.00	40	0	114	80	120	0	0		
Toluene	44.18	1.00	40	0	110	80	120	0	0		
Vinyl chloride	39.36	1.00	40	0	98.4	80	120	0	0		

Sample ID: CCV-28833	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date: 6/30/2011	Run ID: 5973J_110630A
Client ID: ZZZZZ	Batch ID: 28833	TestNo: SW8260B		Analysis Date: 7/1/2011	SeqNo: 761441

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	40.79	1.00	40	0	102	80	120	0	0		
1,2-Dichloropropane	43.78	1.00	40	0	109	80	120	0	0		
Chloroform	42.52	1.00	40	0	106	80	120	0	0		
Ethylbenzene	43.49	1.00	40	0	109	80	120	0	0		
Toluene	42.29	1.00	40	0	106	80	120	0	0		
Vinyl chloride	34.83	1.00	40	0	87.1	80	120	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

KEY TO FLAGS

Rev. May 12, 2010

- A This sample contains a Gasoline Range Organic not identified as a specific hydrocarbon product. The result was quantified against gasoline calibration standards
- A1 This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was quantified against diesel calibration standards.
- A2 This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was quantified against a lube oil calibration standard.
- A3 The result was determined to be Non-Detect based on hydrocarbon pattern recognition. The product was carry-over from another hydrocarbon type.
- A4 The product appears to be aged or degraded diesel.
- B The blank exhibited a positive result great than the reporting limit for this compound.
- CN See Case Narrative.
- D Result is based from a dilution.
- E Result exceeds the calibration range for this compound. The result should be considered as estimate.
- F The positive result for this hydrocarbon is due to single component contamination. The product does not match any hydrocarbon in the fuels library.
- G Result may be biased high due to biogenic interferences. Clean up is recommended.
- H Sample was analyzed outside recommended holding time.
- HT At clients request, samples was analyzed outside of recommended holding time.
- J The result for this analyte is between the MDL and the PQL and should be considered as estimated concentration.
- K Diesel result is biased high due to amount of Oil contained in the sample.
- L Diesel result is biased high due to amount of Gasoline contained in the sample.
- M Oil result is biased high due to amount of Diesel contained in the sample.
- MC Sample concentration is greater than 4x the spiked value, the spiked value is considered insignificant.
- MI Result is outside control limits due to matrix interference.
- MSA Value determined by Method of Standard Addition.
- O Laboratory Control Standard (LCS) exceeded laboratory control limits, but meets CCV criteria. Data meets EPA requirements.
- Q Detection levels elevated due to sample matrix.
- R RPD control limits were exceeded.
- RF Duplicate failed due to result being at or near the method-reporting limit.
- RP Matrix spike values exceed established QC limits; post digestion spike is in control.
- S Recovery is outside control limits.
- SC Closing CCV or LCS exceeded high recovery control limits, but associated samples are non-detect. Data meets EPA requirements.
- * The result for this parameter was greater than the maximum contaminant level of the TCLP regulatory limit.

CHAIN OF CUSTODY RECORD

Specialty Analytical
 11711 SE Capps Road
 Clackamas, OR 97015
 Phone: 503-607-1331
 Fax: 503-607-1336

Contact Person/Project Manager Mei. Deandre
 Company MFA
 Address 2001 NW 15th Ave, Suite 200
Portland, OR
 Phone _____ Fax _____

Project No. 5004131.01 Project Name URIC
 Project Site Location OR WA Other
 Invoice To MFA P.O. No. _____

Collected By: [Signature]
 Signature Justin Pounds
 Printed _____

Signature _____
 Printed _____

Turn Around Time _____
 Normal 5-7 Business Days
 Rush _____ Specify _____

Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix	No. of Containers	Analyses	For Laboratory Use
6/24/2011	1445	MW1-12.5	W	3		Lab Job No. <u>1106182</u> Shipped Via <u>Specialty</u> Air Bill No. _____ Temperature On Receipt <u>4</u> °C Specialty Analytical Containers? <input checked="" type="checkbox"/> Y / N Specialty Analytical Trip Blanks? Y / N
	1530	MW2-14.0	W	3		Comments: <u>Please report</u>
	1305	MW3-15.0	W	3		<u>1,2 Dichloroethene -</u>
	830	MW4-16.0	W	3		<u>cis 1,2 Dichloroethene -</u>
	1156	MW5-16.5	W	3		<u>Tetrachloroethene -</u>
	930	MW6-16.0	W	3		<u>trans 1,2 dichloroethene -</u>
	1055	MW7-15.0	W	3		<u>Trichloroethene -</u>
	830	MW4-16.0- Dup	W	3		<u>Vinyl Chloride -</u>
Relinquished By: <u>[Signature]</u> Date: <u>6/27/11</u> Time: <u>1:55</u> Company: <u>Specialty</u> Received For Lab By: <u>[Signature]</u> Date: <u>6/27/11</u> Time: <u>12:55</u>						

Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.
 Samples held beyond 60 days subject to storage fee(s)

7/6/2011

Mr. Justin Pounds
Maul Foster and Alongi Inc.
2001 NW 19th Ave
Suite 200
Portland OR 97209

Project Name: URIC
Project #: 8006.31.01
Workorder #: 1106496

Dear Mr. Justin Pounds

The following report includes the data for the above referenced project for sample(s) received on 6/23/2011 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-17 VI are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kelly Buettner
Project Manager

WORK ORDER #: 1106496

Work Order Summary

CLIENT:	Mr. Justin Pounds Maul Foster and Alongi Inc. 2001 NW 19th Ave Suite 200 Portland, OR 97209	BILL TO:	Accounts Payable Maul Foster and Alongi Inc. 7223 NE Hazel Dell Avenue Suite B Vancouver, WA 98665
PHONE:	971-544-2139	P.O. #	
FAX:	971-544-2140	PROJECT #	8006.31.01 URIC
DATE RECEIVED:	06/23/2011	CONTACT:	Kelly Buettner
DATE COMPLETED:	07/06/2011		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>
01A	SG11	Modified TO-17 VI
02A	SG12	Modified TO-17 VI
03A	SG13	Modified TO-17 VI
04A	SG14	Modified TO-17 VI
05A	SG15	Modified TO-17 VI
06A	Lab Blank	Modified TO-17 VI
07A	CCV	Modified TO-17 VI
08A	LCS	Modified TO-17 VI
08AA	LCSD	Modified TO-17 VI

CERTIFIED BY: 

DATE: 07/06/11

Laboratory Director

Certification numbers: CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763,
NY NELAP - 11291, UT NELAP - 9166389892, AZ Licensure AZ0719

Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/09, Expiration date: 06/30/11

Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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**LABORATORY NARRATIVE
EPA Method TO-17
Maul Foster and Alongi Inc.
Workorder# 1106496**

Five TO-17 VI Tube samples were received on June 23, 2011. The laboratory performed the analysis via EPA Method TO-17 using GC/MS in the full scan mode. TO-17 sorbent tubes are thermally desorbed onto a secondary trap. The trap is thermally desorbed to elute the components into the GC/MS system for further separation.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

A sampling volume of 1.00 L was used to convert ng to ug/m³ for the associated Lab Blank.

The recovery of surrogate 1,2-Dichloroethane-d₄ in sample SG11 was outside the laboratory limits of 50-150%.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV and/or LCS.

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

**Summary of Detected Compounds
EPA METHOD TO-17**

Client Sample ID: SG11

Lab ID#: 1106496-01A

No Detections Were Found.

Client Sample ID: SG12

Lab ID#: 1106496-02A

Compound	Rpt. Limit (ng)	Rpt. Limit (ug/m3)	Amount (ng)	Amount (ug/m3)
Tetrachloroethene	6.8	6.8	15	15

Client Sample ID: SG13

Lab ID#: 1106496-03A

Compound	Rpt. Limit (ng)	Rpt. Limit (ug/m3)	Amount (ng)	Amount (ug/m3)
Tetrachloroethene	6.8	6.8	150	150

Client Sample ID: SG14

Lab ID#: 1106496-04A

No Detections Were Found.

Client Sample ID: SG15

Lab ID#: 1106496-05A

No Detections Were Found.

Client Sample ID: SG11

Lab ID#: 1106496-01A

EPA METHOD TO-17

File Name:	f062306	Date of Extraction: NA	Date of Collection: 6/20/11
Dil. Factor:	1.00	Date of Analysis: 6/23/11 03:09 PM	

Compound	Rpt. Limit (ng)	Rpt. Limit (ug/m3)	Amount (ng)	Amount (ug/m3)
1,1-Dichloroethene	4.0	4.0	Not Detected	Not Detected
Vinyl Chloride	2.6	2.6	Not Detected	Not Detected
trans-1,2-Dichloroethene	4.0	4.0	Not Detected	Not Detected
cis-1,2-Dichloroethene	4.0	4.0	Not Detected	Not Detected
Trichloroethene	5.4	5.4	Not Detected	Not Detected
Tetrachloroethene	6.8	6.8	Not Detected	Not Detected

Air Sample Volume(L): 1.00

Q = Exceeds Quality Control limits.

Container Type: TO-17 VI Tube

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	152 Q	50-150
Toluene-d8	114	50-150
Naphthalene-d8	109	50-150

Client Sample ID: SG12

Lab ID#: 1106496-02A

EPA METHOD TO-17

File Name:	f062307	Date of Extraction: NA	Date of Collection: 6/20/11
Dil. Factor:	1.00	Date of Analysis: 6/23/11 04:13 PM	

Compound	Rpt. Limit (ng)	Rpt. Limit (ug/m3)	Amount (ng)	Amount (ug/m3)
1,1-Dichloroethene	4.0	4.0	Not Detected	Not Detected
Vinyl Chloride	2.6	2.6	Not Detected	Not Detected
trans-1,2-Dichloroethene	4.0	4.0	Not Detected	Not Detected
cis-1,2-Dichloroethene	4.0	4.0	Not Detected	Not Detected
Trichloroethene	5.4	5.4	Not Detected	Not Detected
Tetrachloroethene	6.8	6.8	15	15

Air Sample Volume(L): 1.00

Container Type: TO-17 VI Tube

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	122	50-150
Toluene-d8	118	50-150
Naphthalene-d8	116	50-150

Client Sample ID: SG13

Lab ID#: 1106496-03A

EPA METHOD TO-17

File Name:	f062308	Date of Extraction: NA	Date of Collection: 6/20/11
Dil. Factor:	1.00	Date of Analysis: 6/23/11 04:53 PM	

Compound	Rpt. Limit (ng)	Rpt. Limit (ug/m3)	Amount (ng)	Amount (ug/m3)
1,1-Dichloroethene	4.0	4.0	Not Detected	Not Detected
Vinyl Chloride	2.6	2.6	Not Detected	Not Detected
trans-1,2-Dichloroethene	4.0	4.0	Not Detected	Not Detected
cis-1,2-Dichloroethene	4.0	4.0	Not Detected	Not Detected
Trichloroethene	5.4	5.4	Not Detected	Not Detected
Tetrachloroethene	6.8	6.8	150	150

Air Sample Volume(L): 1.00

Container Type: TO-17 VI Tube

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	121	50-150
Toluene-d8	116	50-150
Naphthalene-d8	111	50-150

Client Sample ID: SG14

Lab ID#: 1106496-04A

EPA METHOD TO-17

File Name:	f062309	Date of Extraction: NA	Date of Collection: 6/20/11
Dil. Factor:	1.00	Date of Analysis: 6/23/11 05:33 PM	

Compound	Rpt. Limit (ng)	Rpt. Limit (ug/m3)	Amount (ng)	Amount (ug/m3)
1,1-Dichloroethene	4.0	4.0	Not Detected	Not Detected
Vinyl Chloride	2.6	2.6	Not Detected	Not Detected
trans-1,2-Dichloroethene	4.0	4.0	Not Detected	Not Detected
cis-1,2-Dichloroethene	4.0	4.0	Not Detected	Not Detected
Trichloroethene	5.4	5.4	Not Detected	Not Detected
Tetrachloroethene	6.8	6.8	Not Detected	Not Detected

Air Sample Volume(L): 1.00

Container Type: TO-17 VI Tube

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	116	50-150
Toluene-d8	114	50-150
Naphthalene-d8	129	50-150

Client Sample ID: SG15

Lab ID#: 1106496-05A

EPA METHOD TO-17

File Name:	f062310	Date of Extraction: NA	Date of Collection: 6/20/11
Dil. Factor:	1.00	Date of Analysis: 6/23/11 06:13 PM	

Compound	Rpt. Limit (ng)	Rpt. Limit (ug/m3)	Amount (ng)	Amount (ug/m3)
1,1-Dichloroethene	4.0	4.0	Not Detected	Not Detected
Vinyl Chloride	2.6	2.6	Not Detected	Not Detected
trans-1,2-Dichloroethene	4.0	4.0	Not Detected	Not Detected
cis-1,2-Dichloroethene	4.0	4.0	Not Detected	Not Detected
Trichloroethene	5.4	5.4	Not Detected	Not Detected
Tetrachloroethene	6.8	6.8	Not Detected	Not Detected

Air Sample Volume(L): 1.00

Container Type: TO-17 VI Tube

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	123	50-150
Toluene-d8	115	50-150
Naphthalene-d8	126	50-150

Client Sample ID: Lab Blank

Lab ID#: 1106496-06A

EPA METHOD TO-17

File Name:	f062305	Date of Extraction: NA	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 6/23/11 01:36 PM	

Compound	Rpt. Limit (ng)	Rpt. Limit (ug/m3)	Amount (ng)	Amount (ug/m3)
1,1-Dichloroethene	4.0	4.0	Not Detected	Not Detected
Vinyl Chloride	2.6	2.6	Not Detected	Not Detected
trans-1,2-Dichloroethene	4.0	4.0	Not Detected	Not Detected
cis-1,2-Dichloroethene	4.0	4.0	Not Detected	Not Detected
Trichloroethene	5.4	5.4	Not Detected	Not Detected
Tetrachloroethene	6.8	6.8	Not Detected	Not Detected

Air Sample Volume(L): 1.00

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	98	50-150
Toluene-d8	87	50-150
Naphthalene-d8	86	50-150

Client Sample ID: CCV

Lab ID#: 1106496-07A

EPA METHOD TO-17

File Name:	f062302	Date of Extraction: NA	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 6/23/11 11:50 AM	

Compound	%Recovery
1,1-Dichloroethene	92
Vinyl Chloride	106
trans-1,2-Dichloroethene	93
cis-1,2-Dichloroethene	93
Trichloroethene	98
Tetrachloroethene	107

Air Sample Volume(L): 1.00

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	50-150
Toluene-d8	91	50-150
Naphthalene-d8	104	50-150

Client Sample ID: LCS

Lab ID#: 1106496-08A

EPA METHOD TO-17

File Name:	f062303	Date of Extraction: NA	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 6/23/11 12:32 PM	

Compound	%Recovery
1,1-Dichloroethene	105
Vinyl Chloride	117
trans-1,2-Dichloroethene	110
cis-1,2-Dichloroethene	100
Trichloroethene	100
Tetrachloroethene	106

Air Sample Volume(L): 1.00

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	50-150
Toluene-d8	94	50-150
Naphthalene-d8	98	50-150

Client Sample ID: LCSD

Lab ID#: 1106496-08AA

EPA METHOD TO-17

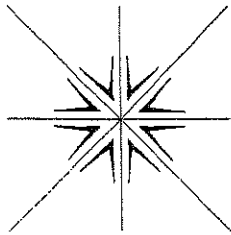
File Name:	f062304	Date of Extraction: NA	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 6/23/11 01:03 PM	

Compound	%Recovery
1,1-Dichloroethene	109
Vinyl Chloride	128
trans-1,2-Dichloroethene	116
cis-1,2-Dichloroethene	107
Trichloroethene	103
Tetrachloroethene	107

Air Sample Volume(L): 1.00

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	103	50-150
Toluene-d8	94	50-150
Naphthalene-d8	94	50-150



Specialty Analytical

11711 SE Capps Road
Clackamas, OR 97015
(503) 607-1331
Fax (503) 607-1336

March 28, 2012

Merideth D'Andrea
Maul, Foster & Alongi
400 East Mill Plain Blvd
Suite 400
Vancouver, WA 98660

TEL: (360) 694-2691
FAX: (360) 906-1958

RE: Union Ridge / 8006.31.01
Dear Merideth D'Andrea:

Order No.: 1203120

Specialty Analytical received 3 samples on 3/14/2012 for the analyses presented in the following report.

REVISED REPORT VERSION 1 . Please see case narrative for information on revision.

There were no problems with the analysis and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative, or as qualified with flags. Results apply only to the samples analyzed. Without approval of the laboratory, the reproduction of this report is only permitted in its entirety.


Cindy Hillyard
Project Manager


Technical Review

Specialty Analytical

Date: 28-Mar-12

CLIENT: Maul, Foster & Alongi
Project: Union Ridge / 8006.31.01
Lab Order: 1203120

CASE NARRATIVE

Report Revision 1.

This report contains the original results with all data now reported to the Method Detection Limit at the request of the client.

Specialty Analytical

Date: 28-Mar-12

CLIENT: Maul, Foster & Alongi
Lab Order: 1203120
Project: Union Ridge / 8006.31.01
Lab ID: 1203120-01

Client Sample ID: MW-14_031212
Collection Date: 3/12/2012 2:40:00 PM
Matrix: GROUNDWATER

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: rkg			
1,1-Dichloroethene	ND		0.0964	1.00	µg/L	1	3/15/2012 6:02:00 PM
cis-1,2-Dichloroethene	ND		0.154	1.00	µg/L	1	3/15/2012 6:02:00 PM
Tetrachloroethene	74.4		0.158	1.00	µg/L	1	3/15/2012 6:02:00 PM
trans-1,2-Dichloroethene	ND		0.149	1.00	µg/L	1	3/15/2012 6:02:00 PM
Trichloroethene	40.8		0.0870	1.00	µg/L	1	3/15/2012 6:02:00 PM
Vinyl chloride	ND		0.165	1.00	µg/L	1	3/15/2012 6:02:00 PM
Surr: 1,2-Dichloroethane-d4	93.4		0	72.2-129	%REC	1	3/15/2012 6:02:00 PM
Surr: 4-Bromofluorobenzene	111		0	73.5-125	%REC	1	3/15/2012 6:02:00 PM
Surr: Dibromofluoromethane	106		0	58.8-148	%REC	1	3/15/2012 6:02:00 PM
Surr: Toluene-d8	106		0	79.8-137	%REC	1	3/15/2012 6:02:00 PM

Specialty Analytical

Date: 28-Mar-12

CLIENT: Maul, Foster & Alongi
Lab Order: 1203120
Project: Union Ridge / 8006.31.01
Lab ID: 1203120-02

Client Sample ID: MW-10_031312
Collection Date: 3/13/2012 3:42:00 PM
Matrix: GROUNDWATER

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: rkg			
1,1-Dichloroethene	ND		0.0964	1.00	µg/L	1	3/15/2012 6:35:00 PM
cis-1,2-Dichloroethene	ND		0.154	1.00	µg/L	1	3/15/2012 6:35:00 PM
Tetrachloroethene	76.6		0.158	1.00	µg/L	1	3/15/2012 6:35:00 PM
trans-1,2-Dichloroethene	ND		0.149	1.00	µg/L	1	3/15/2012 6:35:00 PM
Trichloroethene	17.4		0.0870	1.00	µg/L	1	3/15/2012 6:35:00 PM
Vinyl chloride	ND		0.165	1.00	µg/L	1	3/15/2012 6:35:00 PM
Surr: 1,2-Dichloroethane-d4	105		0	72.2-129	%REC	1	3/15/2012 6:35:00 PM
Surr: 4-Bromofluorobenzene	109		0	73.5-125	%REC	1	3/15/2012 6:35:00 PM
Surr: Dibromofluoromethane	119		0	58.8-148	%REC	1	3/15/2012 6:35:00 PM
Surr: Toluene-d8	106		0	79.8-137	%REC	1	3/15/2012 6:35:00 PM

Specialty Analytical

Date: 28-Mar-12

CLIENT: Maul, Foster & Alongi
Lab Order: 1203120
Project: Union Ridge / 8006.31.01
Lab ID: 1203120-03

Client Sample ID: MW-11_031312
Collection Date: 3/13/2012 6:45:00 PM
Matrix: GROUNDWATER

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: rkg			
1,1-Dichloroethene	ND		0.0964	1.00	µg/L	1	3/15/2012 7:10:00 PM
cis-1,2-Dichloroethene	ND		0.154	1.00	µg/L	1	3/15/2012 7:10:00 PM
Tetrachloroethene	32.9		0.158	1.00	µg/L	1	3/16/2012 11:21:00 A
trans-1,2-Dichloroethene	ND		0.149	1.00	µg/L	1	3/15/2012 7:10:00 PM
Trichloroethene	1.49		0.0870	1.00	µg/L	1	3/16/2012 11:21:00 A
Vinyl chloride	ND		0.165	1.00	µg/L	1	3/15/2012 7:10:00 PM
Surr: 1,2-Dichloroethane-d4	104		0	72.2-129	%REC	1	3/15/2012 7:10:00 PM
Surr: 4-Bromofluorobenzene	116		0	73.5-125	%REC	1	3/15/2012 7:10:00 PM
Surr: Dibromofluoromethane	112		0	58.8-148	%REC	1	3/15/2012 7:10:00 PM
Surr: Toluene-d8	108		0	79.8-137	%REC	1	3/15/2012 7:10:00 PM

CLIENT: Maul, Foster & Alongi
Work Order: 1203120
Project: Union Ridge / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: MBLK-31006	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date: 3/15/2012	Run ID: 5973J_120315A
Client ID: ZZZZZ	Batch ID: 31006	TestNo: SW8260B		Analysis Date: 3/15/2012	SeqNo: 822654

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	1.00									
1,1,1-Trichloroethane	ND	1.00									
1,1,2,2-Tetrachloroethane	ND	1.00									
1,1,2-Trichloroethane	ND	1.00									
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,1-Dichloropropene	ND	1.00									
1,2,3-Trichlorobenzene	ND	1.00									
1,2,3-Trichloropropane	ND	1.00									
1,2,4-Trichlorobenzene	ND	1.00									
1,2,4-Trimethylbenzene	ND	1.00									
1,2-Dibromo-3-chloropropane	ND	1.00									
1,2-Dibromoethane	ND	1.00									
1,2-Dichlorobenzene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
1,2-Dichloropropane	ND	1.00									
1,3,5-Trimethylbenzene	ND	1.00									
1,3-Dichlorobenzene	ND	1.00									
1,3-Dichloropropane	ND	1.00									
1,4-Dichlorobenzene	ND	1.00									
2,2-Dichloropropane	ND	1.00									
2-Butanone	ND	10.0									
2-Chlorotoluene	ND	1.00									
2-Hexanone	ND	10.0									
4-Chlorotoluene	ND	1.00									
4-Isopropyltoluene	ND	1.00									
4-Methyl-2-pentanone	ND	20.0									
Acetone	10.05	50.0									J
Acrylonitrile	ND	5.00									
Benzene	ND	0.300									

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1203120
Project: Union Ridge / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: MBLK-31006	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date: 3/15/2012	Run ID: 5973J_120315A						
Client ID: ZZZZZ	Batch ID: 31006	TestNo: SW8260B		Analysis Date: 3/15/2012	SeqNo: 822654						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromobenzene	ND	1.00									
Bromochloromethane	ND	1.00									
Bromodichloromethane	ND	1.00									
Bromoform	ND	1.00									
Bromomethane	ND	1.00									
Carbon disulfide	ND	2.00									
Carbon tetrachloride	ND	1.00									
Chlorobenzene	ND	1.00									
Chloroethane	ND	1.00									
Chloroform	ND	1.00									
Chloromethane	0.72	1.00									J
cis-1,2-Dichloroethene	ND	1.00									
cis-1,3-Dichloropropene	ND	1.00									
Dibromochloromethane	ND	1.00									
Dibromomethane	ND	1.00									
Dichlorodifluoromethane	ND	1.00									
Ethylbenzene	ND	1.00									
Hexachlorobutadiene	ND	1.00									
Isopropylbenzene	ND	1.00									
m,p-Xylene	ND	2.00									
Methyl tert-butyl ether	ND	1.00									
Methylene chloride	16.91	20.0									J
n-Butylbenzene	ND	1.00									
n-Propylbenzene	ND	1.00									
Naphthalene	ND	1.00									
o-Xylene	ND	1.00									
sec-Butylbenzene	ND	1.00									
Styrene	ND	1.00									
tert-Butylbenzene	ND	1.00									
Tetrachloroethene	ND	1.00									
Toluene	ND	1.00									

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1203120
Project: Union Ridge / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: MBLK-31006		SampType: MBLK		TestCode: 8260_W		Units: µg/L		Prep Date: 3/15/2012		Run ID: 5973J_120315A	
Client ID: ZZZZZ		Batch ID: 31006		TestNo: SW8260B				Analysis Date: 3/15/2012		SeqNo: 822654	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	ND	1.00									
trans-1,3-Dichloropropene	ND	1.00									
Trichloroethene	ND	1.00									
Trichlorofluoromethane	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	93.79	0	100	0	93.8	72.2	129	0	0		
Surr: 4-Bromofluorobenzene	104.1	0	100	0	104	73.5	125	0	0		
Surr: Dibromofluoromethane	107.4	0	100	0	107	58.8	148	0	0		
Surr: Toluene-d8	102.8	0	100	0	103	79.8	137	0	0		

Sample ID: LCS-31006		SampType: LCS		TestCode: 8260_W		Units: µg/L		Prep Date: 3/15/2012		Run ID: 5973J_120315A	
Client ID: ZZZZZ		Batch ID: 31006		TestNo: SW8260B				Analysis Date: 3/15/2012		SeqNo: 822653	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	47.33	1.00	40	0	118	69.9	130	0	0		
Benzene	41.85	0.300	40	0	105	77.9	125	0	0		
Chlorobenzene	43.19	1.00	40	0	108	82.5	114	0	0		
Toluene	42.54	1.00	40	0	106	74.6	119	0	0		
Trichloroethene	39.01	1.00	40	0	97.5	74.7	125	0	0		

Sample ID: 1203120-02AMS		SampType: MS		TestCode: 8260_W		Units: µg/L		Prep Date: 3/15/2012		Run ID: 5973J_120315A	
Client ID: MW-10_031312		Batch ID: 31006		TestNo: SW8260B				Analysis Date: 3/15/2012		SeqNo: 822663	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	41.53	1.00	40	0	104	51.4	176	0	0		
Benzene	37.75	0.300	40	0	94.4	71.5	118	0	0		
Chlorobenzene	44.1	1.00	40	0	110	79.8	114	0	0		
Toluene	39.09	1.00	40	0	97.7	79.6	121	0	0		
Trichloroethene	50.35	1.00	40	17.45	82.2	73.6	120	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1203120
Project: Union Ridge / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: 1203120-02AMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date: 3/15/2012	Run ID: 5973J_120315A						
Client ID: MW-10_031312	Batch ID: 31006	TestNo: SW8260B		Analysis Date: 3/15/2012	SeqNo: 822664						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	38.86	1.00	40	0	97.2	51.4	176	41.53	6.64	20	
Benzene	36.99	0.300	40	0	92.5	71.5	118	37.75	2.03	20	
Chlorobenzene	40.76	1.00	40	0	102	79.8	114	44.1	7.87	20	
Toluene	37.21	1.00	40	0	93	79.6	121	39.09	4.93	20	
Trichloroethene	50.85	1.00	40	17.45	83.5	73.6	120	50.35	0.988	20	

Sample ID: CCB-31006	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date:	Run ID: 5973J_120315A						
Client ID: ZZZZZ	Batch ID: 31006	TestNo: SW8260B		Analysis Date: 3/16/2012	SeqNo: 822777						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1,1-Trichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
1,1-Dichloropropene	ND	1.00	0	0	0	0	0	0	0	0	
1,2,3-Trichlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,2,3-Trichloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,2,4-Trimethylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,3,5-Trimethylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,3-Dichloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
2,2-Dichloropropane	ND	1.00	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1203120
Project: Union Ridge / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: CCB-31006	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date:	Run ID: 5973J_120315A						
Client ID: ZZZZZ	Batch ID: 31006	TestNo: SW8260B		Analysis Date: 3/16/2012	SeqNo: 822777						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Butanone	ND	10.0	0	0	0	0	0	0	0	0	
2-Chlorotoluene	ND	1.00	0	0	0	0	0	0	0	0	
2-Hexanone	ND	10.0	0	0	0	0	0	0	0	0	
4-Chlorotoluene	ND	1.00	0	0	0	0	0	0	0	0	
4-Isopropyltoluene	ND	1.00	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	ND	20.0	0	0	0	0	0	0	0	0	
Acetone	5.82	50.0	0	0	0	0	0	0	0	0	
Acrylonitrile	ND	5.00	0	0	0	0	0	0	0	0	
Benzene	ND	0.300	0	0	0	0	0	0	0	0	
Bromobenzene	ND	1.00	0	0	0	0	0	0	0	0	
Bromochloromethane	ND	1.00	0	0	0	0	0	0	0	0	
Bromodichloromethane	ND	1.00	0	0	0	0	0	0	0	0	
Bromoform	ND	1.00	0	0	0	0	0	0	0	0	
Bromomethane	ND	1.00	0	0	0	0	0	0	0	0	
Carbon disulfide	ND	2.00	0	0	0	0	0	0	0	0	
Carbon tetrachloride	ND	1.00	0	0	0	0	0	0	0	0	
Chlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
Chloroethane	ND	1.00	0	0	0	0	0	0	0	0	
Chloroform	ND	1.00	0	0	0	0	0	0	0	0	
Chloromethane	0.7	1.00	0	0	0	0	0	0	0	0	
cis-1,2-Dichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	ND	1.00	0	0	0	0	0	0	0	0	
Dibromochloromethane	ND	1.00	0	0	0	0	0	0	0	0	
Dibromomethane	ND	1.00	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	ND	1.00	0	0	0	0	0	0	0	0	
Ethylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
Hexachlorobutadiene	ND	1.00	0	0	0	0	0	0	0	0	
Isopropylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
m,p-Xylene	ND	2.00	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	ND	1.00	0	0	0	0	0	0	0	0	
Methylene chloride	ND	20.0	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1203120
Project: Union Ridge / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: CCB-31006		SampType: CCB		TestCode: 8260_W		Units: µg/L		Prep Date:		Run ID: 5973J_120315A	
Client ID: ZZZZZ		Batch ID: 31006		TestNo: SW8260B		Analysis Date: 3/16/2012		SeqNo: 822777			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
n-Butylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
n-Propylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
Naphthalene	ND	1.00	0	0	0	0	0	0	0	0	
o-Xylene	ND	1.00	0	0	0	0	0	0	0	0	
sec-Butylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
Styrene	ND	1.00	0	0	0	0	0	0	0	0	
tert-Butylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
Tetrachloroethene	ND	1.00	0	0	0	0	0	0	0	0	
Toluene	ND	1.00	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	ND	1.00	0	0	0	0	0	0	0	0	
Trichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	ND	1.00	0	0	0	0	0	0	0	0	
Vinyl chloride	ND	1.00	0	0	0	0	0	0	0	0	
Surr: 1,2-Dichloroethane-d4	101.4	0	100	0	101	72.2	129	0	0	0	
Surr: 4-Bromofluorobenzene	104.6	0	100	0	105	73.5	125	0	0	0	
Surr: Dibromofluoromethane	111	0	100	0	111	58.8	148	0	0	0	
Surr: Toluene-d8	107	0	100	0	107	79.8	137	0	0	0	

Sample ID: CCV-31006		SampType: CCV		TestCode: 8260_W		Units: µg/L		Prep Date:		Run ID: 5973J_120315A	
Client ID: ZZZZZ		Batch ID: 31006		TestNo: SW8260B		Analysis Date: 3/15/2012		SeqNo: 822652			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	41.42	1.00	40	0	104	80	120	0	0	0	
1,2-Dichloropropane	36.59	1.00	40	0	91.5	80	120	0	0	0	
Chloroform	39.79	1.00	40	0	99.5	80	120	0	0	0	
Ethylbenzene	42.87	1.00	40	0	107	80	120	0	0	0	
Toluene	42.19	1.00	40	0	105	80	120	0	0	0	
Vinyl chloride	40.07	1.00	40	0	100	80	120	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1203120
Project: Union Ridge / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: CCV-31006	SampType: CCV	TestCode: 8260_W	Units: µg/L		Prep Date:	Run ID: 5973J_120315A					
Client ID: ZZZZZ	Batch ID: 31006	TestNo: SW8260B			Analysis Date: 3/16/2012	SeqNo: 822776					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	44.25	1.00	40	0	111	80	120	0	0		
1,2-Dichloropropane	38.66	1.00	40	0	96.7	80	120	0	0		
Chloroform	40.3	1.00	40	0	101	80	120	0	0		
Ethylbenzene	40.79	1.00	40	0	102	80	120	0	0		
Toluene	38.55	1.00	40	0	96.4	80	120	0	0		
Vinyl chloride	39.46	1.00	40	0	98.6	80	120	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

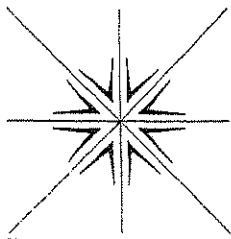
S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

KEY TO FLAGS

Rev. May 12, 2010

- A This sample contains a Gasoline Range Organic not identified as a specific hydrocarbon product. The result was quantified against gasoline calibration standards
- A1 This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was quantified against diesel calibration standards.
- A2 This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was quantified against a lube oil calibration standard.
- A3 The result was determined to be Non-Detect based on hydrocarbon pattern recognition. The product was carry-over from another hydrocarbon type.
- A4 The product appears to be aged or degraded diesel.
- B The blank exhibited a positive result great than the reporting limit for this compound.
- CN See Case Narrative.
- D Result is based from a dilution.
- E Result exceeds the calibration range for this compound. The result should be considered as estimate.
- F The positive result for this hydrocarbon is due to single component contamination. The product does not match any hydrocarbon in the fuels library.
- G Result may be biased high due to biogenic interferences. Clean up is recommended.
- H Sample was analyzed outside recommended holding time.
- HT At clients request, samples was analyzed outside of recommended holding time.
- J The result for this analyte is between the MDL and the PQL and should be considered as estimated concentration.
- K Diesel result is biased high due to amount of Oil contained in the sample.
- L Diesel result is biased high due to amount of Gasoline contained in the sample.
- M Oil result is biased high due to amount of Diesel contained in the sample.
- MC Sample concentration is greater than 4x the spiked value, the spiked value is considered insignificant.
- MI Result is outside control limits due to matrix interference.
- MSA Value determined by Method of Standard Addition.
- O Laboratory Control Standard (LCS) exceeded laboratory control limits, but meets CCV criteria. Data meets EPA requirements.
- Q Detection levels elevated due to sample matrix.
- R RPD control limits were exceeded.
- RF Duplicate failed due to result being at or near the method-reporting limit.
- RP Matrix spike values exceed established QC limits; post digestion spike is in control.
- S Recovery is outside control limits.
- SC Closing CCV or LCS exceeded high recovery control limits, but associated samples are non-detect. Data meets EPA requirements.
- * The result for this parameter was greater than the maximum contaminant level of the TCLP regulatory limit.



Specialty Analytical

11711 SE Capps Road
Clackamas, OR 97015
(503) 607-1331
Fax (503) 607-1336

March 28, 2012

Merideth D'Andrea
Maul, Foster & Alongi
400 East Mill Plain Blvd
Suite 400
Vancouver, WA 98660

TEL: (360) 694-2691
FAX: (360) 906-1958

RE: Union Ridge / 8006.31.01
Dear Merideth D'Andrea:

Order No.: 1203158

Specialty Analytical received 4 samples on 3/16/2012 for the analyses presented in the following report.

REVISED REPORT VERSION 1 . Please see case narrative for information on revision.

There were no problems with the analysis and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative, or as qualified with flags. Results apply only to the samples analyzed. Without approval of the laboratory, the reproduction of this report is only permitted in its entirety.


Cindy Hillyard
Project Manager


Technical Review

Specialty Analytical

Date: 28-Mar-12

CLIENT: Maul, Foster & Alongi
Project: Union Ridge / 8006.31.01
Lab Order: 1203158

CASE NARRATIVE

Report Revision 1.

This report contains the original results with all data now reported to the Method Detection Limit at the request of the client.

Specialty Analytical

Date: 28-Mar-12

CLIENT: Maul, Foster & Alongi
Lab Order: 1203158
Project: Union Ridge / 8006.31.01
Lab ID: 1203158-01

Client Sample ID: MW-13_031412
Collection Date: 3/14/2012 1:40:00 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: rkg			
1,1-Dichloroethene	ND		0.0964	1.00	µg/L	1	3/20/2012 10:40:00 A
cis-1,2-Dichloroethene	2.01		0.154	1.00	µg/L	1	3/20/2012 10:40:00 A
Tetrachloroethene	447		0.790	5.00	µg/L	5	3/21/2012 4:57:00 AM
trans-1,2-Dichloroethene	0.50	J	0.149	1.00	µg/L	1	3/20/2012 10:40:00 A
Trichloroethene	65.4		0.0870	1.00	µg/L	1	3/20/2012 10:40:00 A
Vinyl chloride	ND		0.165	1.00	µg/L	1	3/20/2012 10:40:00 A
Surr: 1,2-Dichloroethane-d4	108		0	72.2-129	%REC	1	3/20/2012 10:40:00 A
Surr: 4-Bromofluorobenzene	105		0	73.5-125	%REC	1	3/20/2012 10:40:00 A
Surr: Dibromofluoromethane	112		0	58.8-148	%REC	1	3/20/2012 10:40:00 A
Surr: Toluene-d8	105		0	79.8-137	%REC	1	3/20/2012 10:40:00 A

Specialty Analytical

Date: 28-Mar-12

CLIENT: Maul, Foster & Alongi
Lab Order: 1203158
Project: Union Ridge / 8006.31.01
Lab ID: 1203158-02

Client Sample ID: MW-09_031412
Collection Date: 3/14/2012 6:06:00 PM
Matrix: GROUNDWATER

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: rkg			
1,1-Dichloroethene	ND		0.0964	1.00	µg/L	1	3/20/2012 11:13:00 A
cis-1,2-Dichloroethene	0.48	J	0.154	1.00	µg/L	1	3/20/2012 11:13:00 A
Tetrachloroethene	53.9		0.158	1.00	µg/L	1	3/20/2012 4:32:00 PM
trans-1,2-Dichloroethene	ND		0.149	1.00	µg/L	1	3/20/2012 11:13:00 A
Trichloroethene	62.6		0.0870	1.00	µg/L	1	3/20/2012 11:13:00 A
Vinyl chloride	ND		0.165	1.00	µg/L	1	3/20/2012 11:13:00 A
Surr: 1,2-Dichloroethane-d4	86.4		0	72.2-129	%REC	1	3/20/2012 11:13:00 A
Surr: 4-Bromofluorobenzene	106		0	73.5-125	%REC	1	3/20/2012 11:13:00 A
Surr: Dibromofluoromethane	108		0	58.8-148	%REC	1	3/20/2012 11:13:00 A
Surr: Toluene-d8	104		0	79.8-137	%REC	1	3/20/2012 11:13:00 A

Specialty Analytical

Date: 28-Mar-12

CLIENT: Maul, Foster & Alongi
Lab Order: 1203158
Project: Union Ridge / 8006.31.01
Lab ID: 1203158-03

Client Sample ID: MW-15_031512
Collection Date: 3/15/2012 3:12:00 PM
Matrix: GROUNDWATER

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: rkg			
1,1-Dichloroethene	ND		0.0964	1.00	µg/L	1	3/20/2012 11:49:00 A
cis-1,2-Dichloroethene	ND		0.154	1.00	µg/L	1	3/20/2012 11:49:00 A
Tetrachloroethene	6.89		0.158	1.00	µg/L	1	3/20/2012 3:19:00 PM
trans-1,2-Dichloroethene	ND		0.149	1.00	µg/L	1	3/20/2012 11:49:00 A
Trichloroethene	0.45	J	0.0870	1.00	µg/L	1	3/20/2012 11:49:00 A
Vinyl chloride	ND		0.165	1.00	µg/L	1	3/20/2012 11:49:00 A
Surr: 1,2-Dichloroethane-d4	98.3		0	72.2-129	%REC	1	3/20/2012 11:49:00 A
Surr: 4-Bromofluorobenzene	109		0	73.5-125	%REC	1	3/20/2012 11:49:00 A
Surr: Dibromofluoromethane	105		0	58.8-148	%REC	1	3/20/2012 11:49:00 A
Surr: Toluene-d8	109		0	79.8-137	%REC	1	3/20/2012 11:49:00 A

Specialty Analytical

Date: 28-Mar-12

CLIENT: Maul, Foster & Alongi
Lab Order: 1203158
Project: Union Ridge / 8006.31.01
Lab ID: 1203158-04

Client Sample ID: MW-16_031512
Collection Date: 3/15/2012 7:13:00 PM

Matrix: GROUNDWATER

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: rkg			
1,1-Dichloroethene	ND		0.0964	1.00	µg/L	1	3/20/2012 12:26:00 P
cis-1,2-Dichloroethene	ND		0.154	1.00	µg/L	1	3/20/2012 12:26:00 P
Tetrachloroethene	7.10		0.158	1.00	µg/L	1	3/20/2012 3:56:00 PM
trans-1,2-Dichloroethene	ND		0.149	1.00	µg/L	1	3/20/2012 12:26:00 P
Trichloroethene	0.68	J	0.0870	1.00	µg/L	1	3/20/2012 12:26:00 P
Vinyl chloride	ND		0.165	1.00	µg/L	1	3/20/2012 12:26:00 P
Surr: 1,2-Dichloroethane-d4	98.4		0	72.2-129	%REC	1	3/20/2012 12:26:00 P
Surr: 4-Bromofluorobenzene	109		0	73.5-125	%REC	1	3/20/2012 12:26:00 P
Surr: Dibromofluoromethane	109		0	58.8-148	%REC	1	3/20/2012 12:26:00 P
Surr: Toluene-d8	101		0	79.8-137	%REC	1	3/20/2012 12:26:00 P

CLIENT: Maul, Foster & Alongi
Work Order: 1203158
Project: Union Ridge / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: MBLK-31051	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	Run ID: 5973J_120320A
Client ID: ZZZZZ	Batch ID: 31051	TestNo: SW8260B		Analysis Date: 3/20/2012	SeqNo: 823633

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	1.00									
1,1,1-Trichloroethane	ND	1.00									
1,1,2,2-Tetrachloroethane	ND	1.00									
1,1,2-Trichloroethane	ND	1.00									
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,1-Dichloropropene	ND	1.00									
1,2,3-Trichlorobenzene	ND	1.00									
1,2,3-Trichloropropane	ND	1.00									
1,2,4-Trichlorobenzene	ND	1.00									
1,2,4-Trimethylbenzene	ND	1.00									
1,2-Dibromo-3-chloropropane	ND	1.00									
1,2-Dibromoethane	ND	1.00									
1,2-Dichlorobenzene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
1,2-Dichloropropane	ND	1.00									
1,3,5-Trimethylbenzene	ND	1.00									
1,3-Dichlorobenzene	ND	1.00									
1,3-Dichloropropane	ND	1.00									
1,4-Dichlorobenzene	0.24	1.00									J
2,2-Dichloropropane	ND	1.00									
2-Butanone	ND	10.0									
2-Chlorotoluene	ND	1.00									
2-Hexanone	ND	10.0									
4-Chlorotoluene	ND	1.00									
4-Isopropyltoluene	ND	1.00									
4-Methyl-2-pentanone	ND	20.0									
Acetone	5.06	50.0									J
Acrylonitrile	ND	5.00									
Benzene	ND	0.300									

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1203158
Project: Union Ridge / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: MBLK-31051	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	Run ID: 5973J_120320A						
Client ID: ZZZZZ	Batch ID: 31051	TestNo: SW8260B		Analysis Date: 3/20/2012	SeqNo: 823633						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromobenzene	ND	1.00									
Bromochloromethane	ND	1.00									
Bromodichloromethane	ND	1.00									
Bromoform	ND	1.00									
Bromomethane	ND	1.00									
Carbon disulfide	ND	2.00									
Carbon tetrachloride	ND	1.00									
Chlorobenzene	ND	1.00									
Chloroethane	ND	1.00									
Chloroform	ND	1.00									
Chloromethane	0.64	1.00									J
cis-1,2-Dichloroethene	ND	1.00									
cis-1,3-Dichloropropene	ND	1.00									
Dibromochloromethane	ND	1.00									
Dibromomethane	ND	1.00									
Dichlorodifluoromethane	ND	1.00									
Ethylbenzene	ND	1.00									
Hexachlorobutadiene	ND	1.00									
Isopropylbenzene	ND	1.00									
m,p-Xylene	ND	2.00									
Methyl tert-butyl ether	ND	1.00									
Methylene chloride	ND	20.0									
n-Butylbenzene	ND	1.00									
n-Propylbenzene	ND	1.00									
Naphthalene	ND	1.00									
o-Xylene	ND	1.00									
sec-Butylbenzene	ND	1.00									
Styrene	ND	1.00									
tert-Butylbenzene	ND	1.00									
Tetrachloroethene	ND	1.00									
Toluene	ND	1.00									

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1203158
Project: Union Ridge / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: MBLK-31051		SampType: MBLK		TestCode: 8260_W		Units: µg/L		Prep Date:		Run ID: 5973J_120320A		
Client ID: ZZZZZ		Batch ID: 31051		TestNo: SW8260B				Analysis Date: 3/20/2012		SeqNo: 823633		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
trans-1,2-Dichloroethene	ND	1.00										
trans-1,3-Dichloropropene	ND	1.00										
Trichloroethene	ND	1.00										
Trichlorofluoromethane	ND	1.00										
Vinyl chloride	ND	1.00										
Surr: 1,2-Dichloroethane-d4	105.2	0	100	0	105	72.2	129	0	0			
Surr: 4-Bromofluorobenzene	115.2	0	100	0	115	73.5	125	0	0			
Surr: Dibromofluoromethane	112.5	0	100	0	112	58.8	148	0	0			
Surr: Toluene-d8	113	0	100	0	113	79.8	137	0	0			

Sample ID: LCS-31051		SampType: LCS		TestCode: 8260_W		Units: µg/L		Prep Date: 3/20/2012		Run ID: 5973J_120320A		
Client ID: ZZZZZ		Batch ID: 31051		TestNo: SW8260B				Analysis Date: 3/20/2012		SeqNo: 823632		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1-Dichloroethene	44.15	1.00	40	0	110	69.9	130	0	0			
Benzene	36.18	0.300	40	0	90.4	77.9	125	0	0			
Chlorobenzene	44.15	1.00	40	0	110	82.5	114	0	0			
Toluene	42.69	1.00	40	0	107	74.6	119	0	0			
Trichloroethene	37.84	1.00	40	0	94.6	74.7	125	0	0			

Sample ID: 1203158-02AMS		SampType: MS		TestCode: 8260_W		Units: µg/L		Prep Date: 3/20/2012		Run ID: 5973J_120320A		
Client ID: MW-09_031412		Batch ID: 31051		TestNo: SW8260B				Analysis Date: 3/20/2012		SeqNo: 823641		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
1,1-Dichloroethene	43.46	1.00	40	0	109	51.4	176	0	0			
Benzene	36.36	0.300	40	0	90.9	71.5	118	0	0			
Chlorobenzene	38.61	1.00	40	0	96.5	79.8	114	0	0			
Toluene	35.62	1.00	40	0	89	79.6	121	0	0			
Trichloroethene	95.97	1.00	40	63.65	80.8	73.6	120	0	0			

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1203158
Project: Union Ridge / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: 1203158-02AMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date: 3/20/2012	Run ID: 5973J_120320A
Client ID: MW-09_031412	Batch ID: 31051	TestNo: SW8260B		Analysis Date: 3/20/2012	SeqNo: 823642

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	41.37	1.00	40	0	103	51.4	176	43.46	4.93	20	
Benzene	34.59	0.300	40	0	86.5	71.5	118	36.36	4.99	20	
Chlorobenzene	39.16	1.00	40	0	97.9	79.8	114	38.61	1.41	20	
Toluene	35.66	1.00	40	0	89.2	79.6	121	35.62	0.112	20	
Trichloroethene	93.69	1.00	40	63.65	75.1	73.6	120	95.97	2.40	20	

Sample ID: CCB-31051	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date:	Run ID: 5973J_120320A
Client ID: ZZZZZ	Batch ID: 31051	TestNo: SW8260B		Analysis Date: 3/20/2012	SeqNo: 823644

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1,1-Trichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
1,1-Dichloropropene	ND	1.00	0	0	0	0	0	0	0	0	
1,2,3-Trichlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,2,3-Trichloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,2,4-Trimethylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,3,5-Trimethylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,3-Dichloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
2,2-Dichloropropane	ND	1.00	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1203158
Project: Union Ridge / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: CCB-31051	SampType: CCB	TestCode: 8260_W	Units: µg/L		Prep Date:	Run ID: 5973J_120320A					
Client ID: ZZZZZ	Batch ID: 31051	TestNo: SW8260B			Analysis Date: 3/20/2012	SeqNo: 823644					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Butanone	ND	10.0	0	0	0	0	0	0	0	0	
2-Chlorotoluene	ND	1.00	0	0	0	0	0	0	0	0	
2-Hexanone	ND	10.0	0	0	0	0	0	0	0	0	
4-Chlorotoluene	ND	1.00	0	0	0	0	0	0	0	0	
4-Isopropyltoluene	ND	1.00	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	ND	20.0	0	0	0	0	0	0	0	0	
Acetone	3.32	50.0	0	0	0	0	0	0	0	0	
Acrylonitrile	ND	5.00	0	0	0	0	0	0	0	0	
Benzene	ND	0.300	0	0	0	0	0	0	0	0	
Bromobenzene	ND	1.00	0	0	0	0	0	0	0	0	
Bromochloromethane	ND	1.00	0	0	0	0	0	0	0	0	
Bromodichloromethane	ND	1.00	0	0	0	0	0	0	0	0	
Bromoform	ND	1.00	0	0	0	0	0	0	0	0	
Bromomethane	ND	1.00	0	0	0	0	0	0	0	0	
Carbon disulfide	ND	2.00	0	0	0	0	0	0	0	0	
Carbon tetrachloride	ND	1.00	0	0	0	0	0	0	0	0	
Chlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
Chloroethane	ND	1.00	0	0	0	0	0	0	0	0	
Chloroform	ND	1.00	0	0	0	0	0	0	0	0	
Chloromethane	0.62	1.00	0	0	0	0	0	0	0	0	
cis-1,2-Dichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	ND	1.00	0	0	0	0	0	0	0	0	
Dibromochloromethane	ND	1.00	0	0	0	0	0	0	0	0	
Dibromomethane	ND	1.00	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	ND	1.00	0	0	0	0	0	0	0	0	
Ethylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
Hexachlorobutadiene	ND	1.00	0	0	0	0	0	0	0	0	
Isopropylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
m,p-Xylene	ND	2.00	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	ND	1.00	0	0	0	0	0	0	0	0	
Methylene chloride	1.72	20.0	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1203158
Project: Union Ridge / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: CCB-31051		SampType: CCB		TestCode: 8260_W		Units: µg/L		Prep Date:		Run ID: 5973J_120320A	
Client ID: ZZZZZ		Batch ID: 31051		TestNo: SW8260B		Analysis Date: 3/20/2012		SeqNo: 823644			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
n-Butylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
n-Propylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
Naphthalene	ND	1.00	0	0	0	0	0	0	0	0	
o-Xylene	ND	1.00	0	0	0	0	0	0	0	0	
sec-Butylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
Styrene	ND	1.00	0	0	0	0	0	0	0	0	
tert-Butylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
Tetrachloroethene	ND	1.00	0	0	0	0	0	0	0	0	
Toluene	ND	1.00	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	ND	1.00	0	0	0	0	0	0	0	0	
Trichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	ND	1.00	0	0	0	0	0	0	0	0	
Vinyl chloride	ND	1.00	0	0	0	0	0	0	0	0	
Surr: 1,2-Dichloroethane-d4	103.2	0	100	0	103	72.2	129	0	0	0	
Surr: 4-Bromofluorobenzene	110.2	0	100	0	110	73.5	125	0	0	0	
Surr: Dibromofluoromethane	110.3	0	100	0	110	58.8	148	0	0	0	
Surr: Toluene-d8	112.5	0	100	0	113	79.8	137	0	0	0	

Sample ID: CCV-31051		SampType: CCV		TestCode: 8260_W		Units: µg/L		Prep Date:		Run ID: 5973J_120320A	
Client ID: ZZZZZ		Batch ID: 31051		TestNo: SW8260B		Analysis Date: 3/20/2012		SeqNo: 823631			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	42.3	1.00	40	0	106	80	120	0	0	0	
1,2-Dichloropropane	40.43	1.00	40	0	101	80	120	0	0	0	
Chloroform	40.84	1.00	40	0	102	80	120	0	0	0	
Ethylbenzene	41.99	1.00	40	0	105	80	120	0	0	0	
Toluene	40.96	1.00	40	0	102	80	120	0	0	0	
Vinyl chloride	35.19	1.00	40	0	88	80	120	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1203158
Project: Union Ridge / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: CCV-31051	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	Run ID: 5973J_120320A						
Client ID: ZZZZZ	Batch ID: 31051	TestNo: SW8260B		Analysis Date: 3/20/2012	SeqNo: 823643						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	41.28	1.00	40	0	103	80	120	0	0		
1,2-Dichloropropane	37.68	1.00	40	0	94.2	80	120	0	0		
Chloroform	38.46	1.00	40	0	96.2	80	120	0	0		
Ethylbenzene	39.28	1.00	40	0	98.2	80	120	0	0		
Toluene	39.53	1.00	40	0	98.8	80	120	0	0		
Vinyl chloride	32.76	1.00	40	0	81.9	80	120	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

KEY TO FLAGS

Rev. May 12, 2010

- A This sample contains a Gasoline Range Organic not identified as a specific hydrocarbon product. The result was quantified against gasoline calibration standards
- A1 This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was quantified against diesel calibration standards.
- A2 This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was quantified against a lube oil calibration standard.
- A3 The result was determined to be Non-Detect based on hydrocarbon pattern recognition. The product was carry-over from another hydrocarbon type.
- A4 The product appears to be aged or degraded diesel.
- B The blank exhibited a positive result great than the reporting limit for this compound.
- CN See Case Narrative.
- D Result is based from a dilution.
- E Result exceeds the calibration range for this compound. The result should be considered as estimate.
- F The positive result for this hydrocarbon is due to single component contamination. The product does not match any hydrocarbon in the fuels library.
- G Result may be biased high due to biogenic interferences. Clean up is recommended.
- H Sample was analyzed outside recommended holding time.
- HT At clients request, samples was analyzed outside of recommended holding time.
- J The result for this analyte is between the MDL and the PQL and should be considered as estimated concentration.
- K Diesel result is biased high due to amount of Oil contained in the sample.
- L Diesel result is biased high due to amount of Gasoline contained in the sample.
- M Oil result is biased high due to amount of Diesel contained in the sample.
- MC Sample concentration is greater than 4x the spiked value, the spiked value is considered insignificant.
- MI Result is outside control limits due to matrix interference.
- MSA Value determined by Method of Standard Addition.
- O Laboratory Control Standard (LCS) exceeded laboratory control limits, but meets CCV criteria. Data meets EPA requirements.
- Q Detection levels elevated due to sample matrix.
- R RPD control limits were exceeded.
- RF Duplicate failed due to result being at or near the method-reporting limit.
- RP Matrix spike values exceed established QC limits; post digestion spike is in control.
- S Recovery is outside control limits.
- SC Closing CCV or LCS exceeded high recovery control limits, but associated samples are non-detect. Data meets EPA requirements.
- * The result for this parameter was greater than the maximum contaminant level of the TCLP regulatory limit.

CHAIN OF CUSTODY RECORD

Specialty Analytical
 11711 SE Capps Road
 Clackamas, OR 97015
 Phone: 503-607-1331
 Fax: 503-607-1336

Contact Person/Project Manager Meredith D'Andrea
 Company MFA
 Address 3007 NW 19th Ave Sk 200
Portland OR 97209
 Phone 971 544 2139 Fax 971 544 2140
 Project No. 80063101 Project Name Vaughn Ridge
 Project Site Location OR WA Other
 Invoice To _____ P.O. No. _____

Collected By: _____
 Signature [Signature]
 Printed Meaghan Callaghan

Signature _____
 Printed _____

Turn Around Time _____
 Normal 5-7 Business Days
 Rush _____ Specify _____

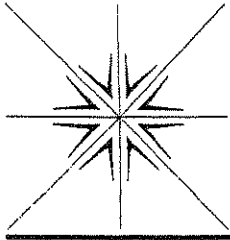
Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix	No. of Containers	Analyses	Received By	Company	Date	Time
3/14	1340	MW-13-031412	GW	5	1,1-DCF cis-1,2-DCF PCE TCE Vinyl Chloride	[Signature]	MPA	3/15	2100
3/14	1800	MW-09-031412	GW	5	X	[Signature]	MPA	3/15	2100
3/15	1513	MW15-031512	GW	5	X	[Signature]	MPA	3/15	2100
3/15	1913	MW16-031512	GW	5	X	[Signature]	MPA	3/15	2100

For Laboratory Use
 Lab Job No. 203158
 Shipped Via Specialty
 Air Bill No. _____
 Temperature On Receipt 4 °C
 Specialty Analytical Containers? Y/N
 Specialty Analytical Trip Blanks? Y/N

Comments _____
 Lab I.D. _____
 Relinquished By [Signature]
 Company MPA
 Date 3/14/12
 Time 15:10
 Received For Lab By: [Signature]
 Date 3/14/12
 Time 15:10

Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.
 Samples held beyond 60 days subject to storage fees(s)



Specialty Analytical

11711 SE Capps Road
Clackamas, OR 97015
(503) 607-1331
Fax (503) 607-1336

March 28, 2012

Merideth D'Andrea
Maul, Foster & Alongi
400 East Mill Plain Blvd
Suite 400
Vancouver, WA 98660

TEL: (360) 694-2691
FAX: (360) 906-1958

RE: Union Ridge / 8006.31.01
Dear Merideth D'Andrea:

Order No.: 1203167

Specialty Analytical received 8 samples on 3/19/2012 for the analyses presented in the following report.

REVISED REPORT VERSION 1 . Please see case narrative for information on revision.

There were no problems with the analysis and all data for associated QC met EPA or laboratory specifications except where noted in the Case Narrative, or as qualified with flags. Results apply only to the samples analyzed. Without approval of the laboratory, the reproduction of this report is only permitted in its entirety.


Cindy Hillyard
Project Manager


Technical Review

Specialty Analytical

Date: 28-Mar-12

CLIENT: Maul, Foster & Alongi
Project: Union Ridge / 8006.31.01
Lab Order: 1203167

CASE NARRATIVE

Report Revision 1.

This report contains the original results with all data now reported to the Method Detection Limit at the request of the client.

Specialty Analytical

Date: 28-Mar-12

CLIENT: Maul, Foster & Alongi
Lab Order: 1203167
Project: Union Ridge / 8006.31.01
Lab ID: 1203167-01

Client Sample ID: MW08_031612
Collection Date: 3/16/2012 2:19:00 PM
Matrix: GROUNDWATER

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: rkg			
1,1-Dichloroethene	ND		0.0964	1.00	µg/L	1	3/20/2012 9:54:00 PM
cis-1,2-Dichloroethene	ND		0.154	1.00	µg/L	1	3/20/2012 9:54:00 PM
Tetrachloroethene	ND		0.158	1.00	µg/L	1	3/20/2012 9:54:00 PM
trans-1,2-Dichloroethene	ND		0.149	1.00	µg/L	1	3/20/2012 9:54:00 PM
Trichloroethene	ND		0.0870	1.00	µg/L	1	3/20/2012 9:54:00 PM
Vinyl chloride	ND		0.165	1.00	µg/L	1	3/20/2012 9:54:00 PM
Surr: 1,2-Dichloroethane-d4	107		0	72.2-129	%REC	1	3/20/2012 9:54:00 PM
Surr: 4-Bromofluorobenzene	97.9		0	73.5-125	%REC	1	3/20/2012 9:54:00 PM
Surr: Dibromofluoromethane	111		0	58.8-148	%REC	1	3/20/2012 9:54:00 PM
Surr: Toluene-d8	108		0	79.8-137	%REC	1	3/20/2012 9:54:00 PM

Specialty Analytical

Date: 28-Mar-12

CLIENT: Maul, Foster & Alongi
Lab Order: 1203167
Project: Union Ridge / 8006.31.01
Lab ID: 1203167-02

Client Sample ID: MW07_031612
Collection Date: 3/16/2012 4:50:00 PM
Matrix: GROUNDWATER

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS							
		SW8260B					Analyst: rkg
1,1-Dichloroethene	ND		0.0964	1.00	µg/L	1	3/20/2012 10:30:00 P
cis-1,2-Dichloroethene	ND		0.154	1.00	µg/L	1	3/20/2012 10:30:00 P
Tetrachloroethene	6.11		0.158	1.00	µg/L	1	3/20/2012 10:30:00 P
trans-1,2-Dichloroethene	ND		0.149	1.00	µg/L	1	3/20/2012 10:30:00 P
Trichloroethene	ND		0.0870	1.00	µg/L	1	3/20/2012 10:30:00 P
Vinyl chloride	ND		0.165	1.00	µg/L	1	3/20/2012 10:30:00 P
Surr: 1,2-Dichloroethane-d4	99.8		0	72.2-129	%REC	1	3/20/2012 10:30:00 P
Surr: 4-Bromofluorobenzene	105		0	73.5-125	%REC	1	3/20/2012 10:30:00 P
Surr: Dibromofluoromethane	107		0	58.8-148	%REC	1	3/20/2012 10:30:00 P
Surr: Toluene-d8	105		0	79.8-137	%REC	1	3/20/2012 10:30:00 P

Specialty Analytical

Date: 28-Mar-12

CLIENT: Maul, Foster & Alongi
Lab Order: 1203167
Project: Union Ridge / 8006.31.01
Lab ID: 1203167-03

Client Sample ID: MW06_031712
Collection Date: 3/17/2012 9:51:00 AM
Matrix: GROUNDWATER

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: rkg			
1,1-Dichloroethene	ND		0.0964	1.00	µg/L	1	3/20/2012 11:05:00 P
cis-1,2-Dichloroethene	1.08		0.154	1.00	µg/L	1	3/20/2012 11:05:00 P
Tetrachloroethene	4.03		0.158	1.00	µg/L	1	3/20/2012 11:05:00 P
trans-1,2-Dichloroethene	ND		0.149	1.00	µg/L	1	3/20/2012 11:05:00 P
Trichloroethene	11.1		0.0870	1.00	µg/L	1	3/20/2012 11:05:00 P
Vinyl chloride	ND		0.165	1.00	µg/L	1	3/20/2012 11:05:00 P
Surr: 1,2-Dichloroethane-d4	102		0	72.2-129	%REC	1	3/20/2012 11:05:00 P
Surr: 4-Bromofluorobenzene	106		0	73.5-125	%REC	1	3/20/2012 11:05:00 P
Surr: Dibromofluoromethane	111		0	58.8-148	%REC	1	3/20/2012 11:05:00 P
Surr: Toluene-d8	104		0	79.8-137	%REC	1	3/20/2012 11:05:00 P

Specialty Analytical

Date: 28-Mar-12

CLIENT: Maul, Foster & Alongi
Lab Order: 1203167
Project: Union Ridge / 8006.31.01
Lab ID: 1203167-04

Client Sample ID: MW2_031712
Collection Date: 3/17/2012 12:07:00 PM
Matrix: GROUNDWATER

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: rkg			
1,1-Dichloroethene	ND		0.0964	1.00	µg/L	1	3/20/2012 11:38:00 P
cis-1,2-Dichloroethene	ND		0.154	1.00	µg/L	1	3/20/2012 11:38:00 P
Tetrachloroethene	0.88	J	0.158	1.00	µg/L	1	3/20/2012 11:38:00 P
trans-1,2-Dichloroethene	ND		0.149	1.00	µg/L	1	3/20/2012 11:38:00 P
Trichloroethene	ND		0.0870	1.00	µg/L	1	3/20/2012 11:38:00 P
Vinyl chloride	ND		0.165	1.00	µg/L	1	3/20/2012 11:38:00 P
Surr: 1,2-Dichloroethane-d4	91.6		0	72.2-129	%REC	1	3/20/2012 11:38:00 P
Surr: 4-Bromofluorobenzene	109		0	73.5-125	%REC	1	3/20/2012 11:38:00 P
Surr: Dibromofluoromethane	102		0	58.8-148	%REC	1	3/20/2012 11:38:00 P
Surr: Toluene-d8	106		0	79.8-137	%REC	1	3/20/2012 11:38:00 P

Specialty Analytical

Date: 28-Mar-12

CLIENT: Maul, Foster & Alongi
Lab Order: 1203167
Project: Union Ridge / 8006.31.01
Lab ID: 1203167-05

Client Sample ID: MW01_031712
Collection Date: 3/17/2012 12:36:00 PM
Matrix: GROUNDWATER

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: rkg			
1,1-Dichloroethene	ND		0.0964	1.00	µg/L	1	3/21/2012 12:14:00 A
cis-1,2-Dichloroethene	ND		0.154	1.00	µg/L	1	3/21/2012 12:14:00 A
Tetrachloroethene	8.38		0.158	1.00	µg/L	1	3/21/2012 12:14:00 A
trans-1,2-Dichloroethene	ND		0.149	1.00	µg/L	1	3/21/2012 12:14:00 A
Trichloroethene	ND		0.0870	1.00	µg/L	1	3/21/2012 12:14:00 A
Vinyl chloride	ND		0.165	1.00	µg/L	1	3/21/2012 12:14:00 A
Surr: 1,2-Dichloroethane-d4	103		0	72.2-129	%REC	1	3/21/2012 12:14:00 A
Surr: 4-Bromofluorobenzene	101		0	73.5-125	%REC	1	3/21/2012 12:14:00 A
Surr: Dibromofluoromethane	114		0	58.8-148	%REC	1	3/21/2012 12:14:00 A
Surr: Toluene-d8	106		0	79.8-137	%REC	1	3/21/2012 12:14:00 A

Specialty Analytical

Date: 28-Mar-12

CLIENT: Maul, Foster & Alongi
Lab Order: 1203167
Project: Union Ridge / 8006.31.01
Lab ID: 1203167-06

Client Sample ID: MW3_031712
Collection Date: 3/17/2012 1:32:00 PM
Matrix: GROUNDWATER

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: rkg			
1,1-Dichloroethene	ND		0.0964	1.00	µg/L	1	3/21/2012 12:50:00 A
cis-1,2-Dichloroethene	ND		0.154	1.00	µg/L	1	3/21/2012 12:50:00 A
Tetrachloroethene	3510		15.8	100	µg/L	100	3/21/2012 12:10:00 P
trans-1,2-Dichloroethene	ND		0.149	1.00	µg/L	1	3/21/2012 12:50:00 A
Trichloroethene	1.34		0.0870	1.00	µg/L	1	3/21/2012 12:50:00 A
Vinyl chloride	ND		0.165	1.00	µg/L	1	3/21/2012 12:50:00 A
Surr: 1,2-Dichloroethane-d4	102		0	72.2-129	%REC	1	3/21/2012 12:50:00 A
Surr: 4-Bromofluorobenzene	107		0	73.5-125	%REC	1	3/21/2012 12:50:00 A
Surr: Dibromofluoromethane	116		0	58.8-148	%REC	1	3/21/2012 12:50:00 A
Surr: Toluene-d8	111		0	79.8-137	%REC	1	3/21/2012 12:50:00 A

Specialty Analytical

Date: 28-Mar-12

CLIENT: Maul, Foster & Alongi
Lab Order: 1203167
Project: Union Ridge / 8006.31.01
Lab ID: 1203167-07

Client Sample ID: MW04_031712
Collection Date: 3/17/2012 2:42:00 PM
Matrix: GROUNDWATER

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: rkg			
1,1-Dichloroethene	ND		0.0964	1.00	µg/L	1	3/21/2012 1:24:00 AM
cis-1,2-Dichloroethene	ND		0.154	1.00	µg/L	1	3/21/2012 1:24:00 AM
Tetrachloroethene	63.6		0.158	1.00	µg/L	1	3/21/2012 11:36:00 A
trans-1,2-Dichloroethene	ND		0.149	1.00	µg/L	1	3/21/2012 1:24:00 AM
Trichloroethene	3.83		0.0870	1.00	µg/L	1	3/21/2012 1:24:00 AM
Vinyl chloride	ND		0.165	1.00	µg/L	1	3/21/2012 1:24:00 AM
Surr: 1,2-Dichloroethane-d4	95.4		0	72.2-129	%REC	1	3/21/2012 1:24:00 AM
Surr: 4-Bromofluorobenzene	116		0	73.5-125	%REC	1	3/21/2012 1:24:00 AM
Surr: Dibromofluoromethane	105		0	58.8-148	%REC	1	3/21/2012 1:24:00 AM
Surr: Toluene-d8	114		0	79.8-137	%REC	1	3/21/2012 1:24:00 AM

Specialty Analytical

Date: 28-Mar-12

CLIENT: Maul, Foster & Alongi
Lab Order: 1203167
Project: Union Ridge / 8006.31.01
Lab ID: 1203167-08

Client Sample ID: MW05_031712
Collection Date: 3/17/2012 3:56:00 PM
Matrix: GROUNDWATER

Analyses	Result	Qual	MDL	Limit	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: rkg			
1,1-Dichloroethene	ND		0.0964	1.00	µg/L	1	3/21/2012 1:59:00 AM
cis-1,2-Dichloroethene	ND		0.154	1.00	µg/L	1	3/21/2012 1:59:00 AM
Tetrachloroethene	1520		7.90	50.0	µg/L	50	3/21/2012 12:44:00 P
trans-1,2-Dichloroethene	ND		0.149	1.00	µg/L	1	3/21/2012 1:59:00 AM
Trichloroethene	2.22		0.0870	1.00	µg/L	1	3/21/2012 1:59:00 AM
Vinyl chloride	ND		0.165	1.00	µg/L	1	3/21/2012 1:59:00 AM
Surr: 1,2-Dichloroethane-d4	106		0	72.2-129	%REC	1	3/21/2012 1:59:00 AM
Surr: 4-Bromofluorobenzene	104		0	73.5-125	%REC	1	3/21/2012 1:59:00 AM
Surr: Dibromofluoromethane	113		0	58.8-148	%REC	1	3/21/2012 1:59:00 AM
Surr: Toluene-d8	112		0	79.8-137	%REC	1	3/21/2012 1:59:00 AM

CLIENT: Maul, Foster & Alongi
Work Order: 1203167
Project: Union Ridge / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: MBLK-31070	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date: 3/20/2012	Run ID: 5973J_120320B
Client ID: ZZZZZ	Batch ID: 31070	TestNo: SW8260B		Analysis Date: 3/20/2012	SeqNo: 823717

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	1.00									
1,1,1-Trichloroethane	ND	1.00									
1,1,2,2-Tetrachloroethane	ND	1.00									
1,1,2-Trichloroethane	ND	1.00									
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,1-Dichloropropene	ND	1.00									
1,2,3-Trichlorobenzene	ND	1.00									
1,2,3-Trichloropropane	ND	1.00									
1,2,4-Trichlorobenzene	ND	1.00									
1,2,4-Trimethylbenzene	ND	1.00									
1,2-Dibromo-3-chloropropane	ND	1.00									
1,2-Dibromoethane	ND	1.00									
1,2-Dichlorobenzene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
1,2-Dichloropropane	ND	1.00									
1,3,5-Trimethylbenzene	ND	1.00									
1,3-Dichlorobenzene	ND	1.00									
1,3-Dichloropropane	ND	1.00									
1,4-Dichlorobenzene	ND	1.00									
2,2-Dichloropropane	ND	1.00									
2-Butanone	ND	10.0									
2-Chlorotoluene	ND	1.00									
2-Hexanone	ND	10.0									
4-Chlorotoluene	ND	1.00									
4-Isopropyltoluene	ND	1.00									
4-Methyl-2-pentanone	ND	20.0									
Acetone	3.32	50.0									J
Acrylonitrile	ND	5.00									
Benzene	ND	0.300									

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1203167
Project: Union Ridge / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: MBLK-31070	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date: 3/20/2012	Run ID: 5973J_120320B
Client ID: ZZZZZ	Batch ID: 31070	TestNo: SW8260B		Analysis Date: 3/20/2012	SeqNo: 823717

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromobenzene	ND	1.00									
Bromochloromethane	ND	1.00									
Bromodichloromethane	ND	1.00									
Bromoform	ND	1.00									
Bromomethane	ND	1.00									
Carbon disulfide	ND	2.00									
Carbon tetrachloride	ND	1.00									
Chlorobenzene	ND	1.00									
Chloroethane	ND	1.00									
Chloroform	ND	1.00									
Chloromethane	0.62	1.00									J
cis-1,2-Dichloroethene	ND	1.00									
cis-1,3-Dichloropropene	ND	1.00									
Dibromochloromethane	ND	1.00									
Dibromomethane	ND	1.00									
Dichlorodifluoromethane	ND	1.00									
Ethylbenzene	ND	1.00									
Hexachlorobutadiene	ND	1.00									
Isopropylbenzene	ND	1.00									
m,p-Xylene	ND	2.00									
Methyl tert-butyl ether	ND	1.00									
Methylene chloride	1.72	20.0									J
n-Butylbenzene	ND	1.00									
n-Propylbenzene	ND	1.00									
Naphthalene	ND	1.00									
o-Xylene	ND	1.00									
sec-Butylbenzene	ND	1.00									
Styrene	ND	1.00									
tert-Butylbenzene	ND	1.00									
Tetrachloroethene	ND	1.00									
Toluene	ND	1.00									

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1203167
Project: Union Ridge / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: MBLK-31070	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date: 3/20/2012	Run ID: 5973J_120320B						
Client ID: ZZZZZ	Batch ID: 31070	TestNo: SW8260B		Analysis Date: 3/20/2012	SeqNo: 823717						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	ND	1.00									
trans-1,3-Dichloropropene	ND	1.00									
Trichloroethene	ND	1.00									
Trichlorofluoromethane	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	103.2	0	100	0	103	72.2	129	0	0		
Surr: 4-Bromofluorobenzene	110.2	0	100	0	110	73.5	125	0	0		
Surr: Dibromofluoromethane	110.3	0	100	0	110	58.8	148	0	0		
Surr: Toluene-d8	112.5	0	100	0	113	79.8	137	0	0		

Sample ID: LCS-31070	SampType: LCS	TestCode: 8260_W	Units: µg/L	Prep Date:	Run ID: 5973J_120320B						
Client ID: ZZZZZ	Batch ID: 31070	TestNo: SW8260B		Analysis Date: 3/21/2012	SeqNo: 823733						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	46.71	1.00	40	0	117	69.9	130	0	0		
Benzene	36.99	0.300	40	0	92.5	77.9	125	0	0		
Chlorobenzene	41.17	1.00	40	0	103	82.5	114	0	0		
Toluene	38.55	1.00	40	0	96.4	74.6	119	0	0		
Trichloroethene	37.44	1.00	40	0	93.6	74.7	125	0	0		

Sample ID: 1203167-08AMS	SampType: MS	TestCode: 8260_W	Units: µg/L	Prep Date: 3/20/2012	Run ID: 5973J_120320B						
Client ID: MW05_031712	Batch ID: 31070	TestNo: SW8260B		Analysis Date: 3/21/2012	SeqNo: 823726						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	45.23	1.00	40	0	113	51.4	176	0	0		
Benzene	36.65	0.300	40	0	91.6	71.5	118	0	0		
Chlorobenzene	41.15	1.00	40	0	103	79.8	114	0	0		
Toluene	37.92	1.00	40	0	94.8	79.6	121	0	0		
Trichloroethene	39.19	1.00	40	0	98	73.6	120	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1203167
Project: Union Ridge / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: 1203167-08AMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date: 3/20/2012	Run ID: 5973J_120320B
Client ID: MW05_031712	Batch ID: 31070	TestNo: SW8260B		Analysis Date: 3/21/2012	SeqNo: 823727

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	40.92	1.00	40	0	102	51.4	176	45.23	10.0	20	
Benzene	34.04	0.300	40	0	85.1	71.5	118	36.65	7.38	20	
Chlorobenzene	38.97	1.00	40	0	97.4	79.8	114	41.15	5.44	20	
Toluene	36.85	1.00	40	0	92.1	79.6	121	37.92	2.86	20	
Trichloroethene	36.32	1.00	40	0	90.8	73.6	120	39.19	7.60	20	

Sample ID: CCB-31070	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date:	Run ID: 5973J_120320B
Client ID: ZZZZZ	Batch ID: 31070	TestNo: SW8260B		Analysis Date: 3/21/2012	SeqNo: 823729

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1,1-Trichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1,2,2-Tetrachloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1,2-Trichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1-Dichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,1-Dichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
1,1-Dichloropropene	ND	1.00	0	0	0	0	0	0	0	0	
1,2,3-Trichlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,2,3-Trichloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,2,4-Trichlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,2,4-Trimethylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dibromo-3-chloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dibromoethane	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dichlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dichloroethane	ND	1.00	0	0	0	0	0	0	0	0	
1,2-Dichloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,3,5-Trimethylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,3-Dichlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
1,3-Dichloropropane	ND	1.00	0	0	0	0	0	0	0	0	
1,4-Dichlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
2,2-Dichloropropane	ND	1.00	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1203167
Project: Union Ridge / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: CCB-31070	SampType: CCB	TestCode: 8260_W	Units: µg/L		Prep Date:	Run ID: 5973J_120320B					
Client ID: ZZZZZ	Batch ID: 31070	TestNo: SW8260B			Analysis Date: 3/21/2012	SeqNo: 823729					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Butanone	ND	10.0	0	0	0	0	0	0	0	0	
2-Chlorotoluene	ND	1.00	0	0	0	0	0	0	0	0	
2-Hexanone	ND	10.0	0	0	0	0	0	0	0	0	
4-Chlorotoluene	ND	1.00	0	0	0	0	0	0	0	0	
4-Isopropyltoluene	ND	1.00	0	0	0	0	0	0	0	0	
4-Methyl-2-pentanone	ND	20.0	0	0	0	0	0	0	0	0	
Acetone	2.59	50.0	0	0	0	0	0	0	0	0	
Acrylonitrile	ND	5.00	0	0	0	0	0	0	0	0	
Benzene	ND	0.300	0	0	0	0	0	0	0	0	
Bromobenzene	ND	1.00	0	0	0	0	0	0	0	0	
Bromochloromethane	ND	1.00	0	0	0	0	0	0	0	0	
Bromodichloromethane	ND	1.00	0	0	0	0	0	0	0	0	
Bromoform	ND	1.00	0	0	0	0	0	0	0	0	
Bromomethane	ND	1.00	0	0	0	0	0	0	0	0	
Carbon disulfide	ND	2.00	0	0	0	0	0	0	0	0	
Carbon tetrachloride	ND	1.00	0	0	0	0	0	0	0	0	
Chlorobenzene	ND	1.00	0	0	0	0	0	0	0	0	
Chloroethane	ND	1.00	0	0	0	0	0	0	0	0	
Chloroform	ND	1.00	0	0	0	0	0	0	0	0	
Chloromethane	0.5	1.00	0	0	0	0	0	0	0	0	
cis-1,2-Dichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
cis-1,3-Dichloropropene	ND	1.00	0	0	0	0	0	0	0	0	
Dibromochloromethane	ND	1.00	0	0	0	0	0	0	0	0	
Dibromomethane	ND	1.00	0	0	0	0	0	0	0	0	
Dichlorodifluoromethane	ND	1.00	0	0	0	0	0	0	0	0	
Ethylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
Hexachlorobutadiene	ND	1.00	0	0	0	0	0	0	0	0	
Isopropylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
m,p-Xylene	ND	2.00	0	0	0	0	0	0	0	0	
Methyl tert-butyl ether	ND	1.00	0	0	0	0	0	0	0	0	
Methylene chloride	0.13	20.0	0	0	0	0	0	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1203167
Project: Union Ridge / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: CCB-31070		SampType: CCB		TestCode: 8260_W		Units: µg/L		Prep Date:		Run ID: 5973J_120320B	
Client ID: ZZZZZ		Batch ID: 31070		TestNo: SW8260B		Analysis Date: 3/21/2012		SeqNo: 823729			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
n-Butylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
n-Propylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
Naphthalene	ND	1.00	0	0	0	0	0	0	0	0	
o-Xylene	ND	1.00	0	0	0	0	0	0	0	0	
sec-Butylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
Styrene	ND	1.00	0	0	0	0	0	0	0	0	
tert-Butylbenzene	ND	1.00	0	0	0	0	0	0	0	0	
Tetrachloroethene	ND	1.00	0	0	0	0	0	0	0	0	
Toluene	ND	1.00	0	0	0	0	0	0	0	0	
trans-1,2-Dichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
trans-1,3-Dichloropropene	ND	1.00	0	0	0	0	0	0	0	0	
Trichloroethene	ND	1.00	0	0	0	0	0	0	0	0	
Trichlorofluoromethane	ND	1.00	0	0	0	0	0	0	0	0	
Vinyl chloride	ND	1.00	0	0	0	0	0	0	0	0	
Surr: 1,2-Dichloroethane-d4	98.92	0	100	0	98.9	72.2	129	0	0	0	
Surr: 4-Bromofluorobenzene	104.5	0	100	0	104	73.5	125	0	0	0	
Surr: Dibromofluoromethane	112.1	0	100	0	112	58.8	148	0	0	0	
Surr: Toluene-d8	109.7	0	100	0	110	79.8	137	0	0	0	

Sample ID: CCV-31070		SampType: CCV		TestCode: 8260_W		Units: µg/L		Prep Date:		Run ID: 5973J_120320B	
Client ID: ZZZZZ		Batch ID: 31070		TestNo: SW8260B		Analysis Date: 3/20/2012		SeqNo: 823716			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	41.28	1.00	40	0	103	80	120	0	0	0	
1,2-Dichloropropane	37.68	1.00	40	0	94.2	80	120	0	0	0	
Chloroform	38.46	1.00	40	0	96.2	80	120	0	0	0	
Ethylbenzene	39.28	1.00	40	0	98.2	80	120	0	0	0	
Toluene	39.53	1.00	40	0	98.8	80	120	0	0	0	
Vinyl chloride	32.76	1.00	40	0	81.9	80	120	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

CLIENT: Maul, Foster & Alongi
Work Order: 1203167
Project: Union Ridge / 8006.31.01

ANALYTICAL QC SUMMARY REPORT

TestCode: 8260_W

Sample ID: CCV-31070	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	Run ID: 5973J_120320B						
Client ID: ZZZZZ	Batch ID: 31070	TestNo: SW8260B		Analysis Date: 3/21/2012	SeqNo: 823728						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	39.86	1.00	40	0	99.7	80	120	0	0		
1,2-Dichloropropane	34.31	1.00	40	0	85.8	80	120	0	0		
Chloroform	37.81	1.00	40	0	94.5	80	120	0	0		
Ethylbenzene	37.54	1.00	40	0	93.8	80	120	0	0		
Toluene	33.69	1.00	40	0	84.2	80	120	0	0		
Vinyl chloride	33.8	1.00	40	0	84.5	80	120	0	0		

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

KEY TO FLAGS

Rev. May 12, 2010

- A This sample contains a Gasoline Range Organic not identified as a specific hydrocarbon product. The result was quantified against gasoline calibration standards
- A1 This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was quantified against diesel calibration standards.
- A2 This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was quantified against a lube oil calibration standard.
- A3 The result was determined to be Non-Detect based on hydrocarbon pattern recognition. The product was carry-over from another hydrocarbon type.
- A4 The product appears to be aged or degraded diesel.
- B The blank exhibited a positive result great than the reporting limit for this compound.
- CN See Case Narrative.
- D Result is based from a dilution.
- E Result exceeds the calibration range for this compound. The result should be considered as estimate.
- F The positive result for this hydrocarbon is due to single component contamination. The product does not match any hydrocarbon in the fuels library.
- G Result may be biased high due to biogenic interferences. Clean up is recommended.
- H Sample was analyzed outside recommended holding time.
- HT At clients request, samples was analyzed outside of recommended holding time.
- J The result for this analyte is between the MDL and the PQL and should be considered as estimated concentration.
- K Diesel result is biased high due to amount of Oil contained in the sample.
- L Diesel result is biased high due to amount of Gasoline contained in the sample.
- M Oil result is biased high due to amount of Diesel contained in the sample.
- MC Sample concentration is greater than 4x the spiked value, the spiked value is considered insignificant.
- MI Result is outside control limits due to matrix interference.
- MSA Value determined by Method of Standard Addition.
- O Laboratory Control Standard (LCS) exceeded laboratory control limits, but meets CCV criteria. Data meets EPA requirements.
- Q Detection levels elevated due to sample matrix.
- R RPD control limits were exceeded.
- RF Duplicate failed due to result being at or near the method-reporting limit.
- RP Matrix spike values exceed established QC limits; post digestion spike is in control.
- S Recovery is outside control limits.
- SC Closing CCV or LCS exceeded high recovery control limits, but associated samples are non-detect. Data meets EPA requirements.
- * The result for this parameter was greater than the maximum contaminant level of the TCLP regulatory limit.

CHAIN OF CUSTODY RECORD

Specialty Analytical
 11711 SE Capps Road
 Clackamas, OR 97015
 Phone: 503-607-1331
 Fax: 503-607-1336

Contact Person/Project Manager Merideth D'Andrea
 Company MFA
 Address 2001 NW 19th Ave Suite 200
Portland OR 97209
 Phone 971 544 2139 Fax 971 544 2140
 Project No. 80063101 Project Name Union Ridge
 Project Site Location OR WA Other

Invoice To _____ P.O. No. _____

Collected By: _____
 Signature Megan Gallagher
 Printed Megan Gallagher
 Signature Merideth D'Andrea
 Printed _____

Turn Around Time
 Normal 5-7 Business Days
 Rush _____ Specify _____

Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix	No. of Containers	Analyses	For Laboratory Use	Lab I.D.
3/10	1419	MW03-031612	GW	5	11-DCE	Lab Job No. <u>203101</u>	
3/10	1650	MW07-031612	GW	5	Trans-1,2-DCE	Shipped Via <u>Specialty</u>	
3/17	0951	MW06-031712	GW	5	PCE	Air Bill No. _____	
3/17	1207	MW2-031712	GW	5	CIS-1,2-DCE	Temperature On Receipt _____ °C	
3/17	1236	MW01-031712	GW	5	Vinyl Chloride	Specialty Analytical Containers? Y/N	
3/17	1332	MW3-031712	GW	5	TCF	Specialty Analytical Trip Blanks? Y/N	
3/17	1445	MW04-031712	GW	5		Comments <u>collected 3/17</u>	
3/17	1556	MW05-031712	GW	5		<u>NUMB-031712</u>	
Relinquished By: <u>Megan Gallagher</u> Date <u>3/17</u> Time <u>1620</u> Company: <u>MFA</u>							
Relinquished By: <u>Kevin Moon</u> Date <u>3/19/12</u> Time <u>1340</u> Company: _____							
Received For Lab By: <u>Nikki Pappas</u> Date <u>3/19/12</u> Time <u>1340</u>							

Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.
 Samples held beyond 60 days subject to storage fee(s)



Specialty Analytical

11711 SE Capps Road, Ste B
Clackamas, Oregon 97015
TEL: 503-607-1331 FAX: 503-607-1336
Website: www.specialtyanalytical.com

July 03, 2012

Merideth D'Andrea
Maul Foster & Alongi
400 E. Mill Plain Blvd.
Suite 400
Vancouver, Washington 98660
TEL: (360) 694-2691
FAX (360) 906-1958
RE: Union Ridge / 8006.31.02

Dear Merideth D'Andrea:

Order No.: 1206153

Specialty Analytical received 7 sample(s) on 6/20/2012 for the analyses presented in the following report.

There were no problems with the analysis and all data for associated QC met EPA or laboratory specifications, except where noted in the Case Narrative, or as qualified with flags. Results apply only to the samples analyzed. Without approval of the laboratory, the reproduction of this report is only permitted in its entirety.

If you have any questions regarding these tests, please feel free to call.

Sincerely,

A handwritten signature in black ink, appearing to read "Marty French". The signature is fluid and cursive, with the first name being more prominent.

Marty French
Lab Director

Case Narrative

WO#: 1206153

Date: 7/3/2012

Specialty Analytical

CLIENT: Maul Foster & Alongi
Project: Union Ridge / 8006.31.02

One of the batch CCV's had several analytes that exceeded high control limits. The samples associated with this CCV were non-detect for those analytes.

Specialty Analytical

Date Reported: 03-Jul-12

CLIENT: Maul Foster & Alongi
Project: Union Ridge / 8006.31.02

Lab Order: 1206153

Lab ID: 1206153-001 **Collection Date:** 6/18/2012 12:03:00 PM
Client Sample ID: MW01-061812 **Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: ep		
1,1-Dichloroethene	ND	1.00		µg/L	1	6/21/2012 7:44:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	6/21/2012 7:44:00 PM
Tetrachloroethene	16.2	1.00		µg/L	1	6/21/2012 7:44:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	6/21/2012 7:44:00 PM
Trichloroethene	ND	1.00		µg/L	1	6/21/2012 7:44:00 PM
Vinyl chloride	ND	1.00		µg/L	1	6/21/2012 7:44:00 PM
Surr: 1,2-Dichloroethane-d4	87.4	85.3-116		%REC	1	6/21/2012 7:44:00 PM
Surr: 4-Bromofluorobenzene	107	88.1-120		%REC	1	6/21/2012 7:44:00 PM
Surr: Dibromofluoromethane	101	94.2-122		%REC	1	6/21/2012 7:44:00 PM
Surr: Toluene-d8	113	86.2-135		%REC	1	6/21/2012 7:44:00 PM

Lab ID: 1206153-002 **Collection Date:** 6/18/2012 2:30:00 PM
Client Sample ID: MW08-061812 **Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: ep		
1,1-Dichloroethene	ND	1.00		µg/L	1	6/21/2012 7:10:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	6/21/2012 7:10:00 PM
Tetrachloroethene	ND	1.00		µg/L	1	6/21/2012 7:10:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	6/21/2012 7:10:00 PM
Trichloroethene	ND	1.00		µg/L	1	6/21/2012 7:10:00 PM
Vinyl chloride	ND	1.00		µg/L	1	6/21/2012 7:10:00 PM
Surr: 1,2-Dichloroethane-d4	85.5	85.3-116		%REC	1	6/21/2012 7:10:00 PM
Surr: 4-Bromofluorobenzene	109	88.1-120		%REC	1	6/21/2012 7:10:00 PM
Surr: Dibromofluoromethane	95.9	94.2-122		%REC	1	6/21/2012 7:10:00 PM
Surr: Toluene-d8	113	86.2-135		%REC	1	6/21/2012 7:10:00 PM

Specialty Analytical

Date Reported: 03-Jul-12

CLIENT: Maul Foster & Alongi
Project: Union Ridge / 8006.31.02

Lab Order: 1206153

Lab ID: 1206153-003 **Collection Date:** 6/18/2012 4:30:00 PM
Client Sample ID: MW02-061812 **Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: ep		
1,1-Dichloroethene	ND	1.00		µg/L	1	6/22/2012 10:27:00 AM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	6/22/2012 10:27:00 AM
Tetrachloroethene	9.37	1.00		µg/L	1	6/22/2012 10:27:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	6/22/2012 10:27:00 AM
Trichloroethene	ND	1.00		µg/L	1	6/22/2012 10:27:00 AM
Vinyl chloride	ND	1.00		µg/L	1	6/22/2012 10:27:00 AM
Surr: 1,2-Dichloroethane-d4	104	85.3-116		%REC	1	6/22/2012 10:27:00 AM
Surr: 4-Bromofluorobenzene	107	88.1-120		%REC	1	6/22/2012 10:27:00 AM
Surr: Dibromofluoromethane	121	94.2-122		%REC	1	6/22/2012 10:27:00 AM
Surr: Toluene-d8	118	86.2-135		%REC	1	6/22/2012 10:27:00 AM

Lab ID: 1206153-004 **Collection Date:** 6/19/2012 9:50:00 AM
Client Sample ID: MW03-061912 **Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: ep		
1,1-Dichloroethene	ND	1.00		µg/L	1	6/21/2012 6:03:00 PM
cis-1,2-Dichloroethene	1.04	1.00		µg/L	1	6/21/2012 6:03:00 PM
Tetrachloroethene	2250	20.0		µg/L	20	6/25/2012 12:05:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	6/21/2012 6:03:00 PM
Trichloroethene	2.77	1.00		µg/L	1	6/21/2012 6:03:00 PM
Vinyl chloride	ND	1.00		µg/L	1	6/21/2012 6:03:00 PM
Surr: 1,2-Dichloroethane-d4	66.1	85.3-116	SMI	%REC	1	6/21/2012 6:03:00 PM
Surr: 4-Bromofluorobenzene	122	88.1-120	SMI	%REC	1	6/21/2012 6:03:00 PM
Surr: Dibromofluoromethane	73.7	94.2-122	SMI	%REC	1	6/21/2012 6:03:00 PM
Surr: Toluene-d8	92.3	86.2-135		%REC	1	6/21/2012 6:03:00 PM

Specialty Analytical

Date Reported: 03-Jul-12

CLIENT: Maul Foster & Alongi
Project: Union Ridge / 8006.31.02

Lab Order: 1206153

Lab ID: 1206153-005 **Collection Date:** 6/19/2012 11:45:00 AM
Client Sample ID: MW15-061912 **Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: ep		
1,1-Dichloroethene	ND	1.00		µg/L	1	6/25/2012 11:31:00 AM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	6/25/2012 11:31:00 AM
Tetrachloroethene	9.84	1.00		µg/L	1	6/25/2012 11:31:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	6/25/2012 11:31:00 AM
Trichloroethene	ND	1.00		µg/L	1	6/25/2012 11:31:00 AM
Vinyl chloride	ND	1.00		µg/L	1	6/25/2012 11:31:00 AM
Surr: 1,2-Dichloroethane-d4	139	85.3-116	S	%REC	1	6/25/2012 11:31:00 AM
Surr: 4-Bromofluorobenzene	143	88.1-120	S	%REC	1	6/25/2012 11:31:00 AM
Surr: Dibromofluoromethane	157	94.2-122	SE	%REC	1	6/25/2012 11:31:00 AM
Surr: Toluene-d8	95.4	86.2-135		%REC	1	6/25/2012 11:31:00 AM

Lab ID: 1206153-006 **Collection Date:** 6/19/2012 2:30:00 PM
Client Sample ID: MW16-061912 **Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: ep		
1,1-Dichloroethene	ND	1.00		µg/L	1	6/22/2012 11:34:00 AM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	6/22/2012 11:34:00 AM
Tetrachloroethene	7.77	1.00		µg/L	1	6/22/2012 11:34:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	6/22/2012 11:34:00 AM
Trichloroethene	ND	1.00		µg/L	1	6/22/2012 11:34:00 AM
Vinyl chloride	ND	1.00		µg/L	1	6/22/2012 11:34:00 AM
Surr: 1,2-Dichloroethane-d4	97.2	85.3-116		%REC	1	6/22/2012 11:34:00 AM
Surr: 4-Bromofluorobenzene	105	88.1-120		%REC	1	6/22/2012 11:34:00 AM
Surr: Dibromofluoromethane	114	94.2-122		%REC	1	6/22/2012 11:34:00 AM
Surr: Toluene-d8	119	86.2-135		%REC	1	6/22/2012 11:34:00 AM

Specialty Analytical

Date Reported: 03-Jul-12

CLIENT: Maul Foster & Alongi
Project: Union Ridge / 8006.31.02

Lab Order: 1206153

Lab ID: 1206153-007
Client Sample ID: Trip Blank_061912

Collection Date: 6/19/2012
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: ep
1,1-Dichloroethene	ND	1.00		µg/L	1	6/21/2012 4:21:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	6/21/2012 4:21:00 PM
Tetrachloroethene	ND	1.00		µg/L	1	6/21/2012 4:21:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	6/21/2012 4:21:00 PM
Trichloroethene	ND	1.00		µg/L	1	6/21/2012 4:21:00 PM
Vinyl chloride	ND	1.00		µg/L	1	6/21/2012 4:21:00 PM
Surr: 1,2-Dichloroethane-d4	102	85.3-116		%REC	1	6/21/2012 4:21:00 PM
Surr: 4-Bromofluorobenzene	104	88.1-120		%REC	1	6/21/2012 4:21:00 PM
Surr: Dibromofluoromethane	102	94.2-122		%REC	1	6/21/2012 4:21:00 PM
Surr: Toluene-d8	113	86.2-135		%REC	1	6/21/2012 4:21:00 PM

QC SUMMARY REPORT

WO#: 1206153
03-Jul-12

Specialty Analytical

Client: Maul Foster & Alongi
Project: Union Ridge / 8006.31.02

TestCode: 8260_W

Sample ID: MB-R4909	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 4909						
Client ID: PBW	Batch ID: R4909	TestNo: SW8260B		Analysis Date: 6/21/2012	SeqNo: 65466						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Tetrachloroethene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	82.3		100.0		82.3	85.3	116				S
Surr: 4-Bromofluorobenzene	106		100.0		106	88.1	120				
Surr: Dibromofluoromethane	84.7		100.0		84.7	94.2	122				S
Surr: Toluene-d8	105		100.0		105	86.2	135				

Sample ID: LCS-R4909	SampType: LCS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 4909						
Client ID: LCSW	Batch ID: R4909	TestNo: SW8260B		Analysis Date: 6/21/2012	SeqNo: 65474						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	37.6	1.00	40.00	0	94.1	61.2	135				
cis-1,2-Dichloroethene	32.0	1.00	40.00	0	80.1	70	130				
Tetrachloroethene	41.4	1.00	40.00	0	103	70	130				
trans-1,2-Dichloroethene	34.0	1.00	40.00	0	84.9	70	130				
Trichloroethene	46.4	1.00	40.00	0	116	68.5	124				
Vinyl chloride	31.9	1.00	40.00	0	79.8	70	130				

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit Page 1 of 5
R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

WO#: 1206153

03-Jul-12

Specialty Analytical

Client: Maul Foster & Alongi
Project: Union Ridge / 8006.31.02

TestCode: 8260_W

Sample ID: 1206153-006AMS		SampType: MS		TestCode: 8260_W		Units: µg/L		Prep Date:		RunNo: 4909	
Client ID: MW16-061912		Batch ID: R4909		TestNo: SW8260B		Analysis Date: 6/21/2012				SeqNo: 65475	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	38.0	1.00	40.00	0	94.9	51.4	176				
cis-1,2-Dichloroethene	33.5	1.00	40.00	0.1500	83.3	70	130				
Tetrachloroethene	45.2	1.00	40.00	7.770	93.5	70	130				
trans-1,2-Dichloroethene	32.6	1.00	40.00	0	81.6	70	130				
Trichloroethene	42.8	1.00	40.00	0.7400	105	73.6	120				
Vinyl chloride	44.7	1.00	40.00	0	112	70	130				

Sample ID: 1206153-006AMSD		SampType: MSD		TestCode: 8260_W		Units: µg/L		Prep Date:		RunNo: 4909	
Client ID: MW16-061912		Batch ID: R4909		TestNo: SW8260B		Analysis Date: 6/21/2012				SeqNo: 65476	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	44.6	1.00	40.00	0	112	51.4	176	37.96	16.1	20	
cis-1,2-Dichloroethene	37.4	1.00	40.00	0.1500	93.2	70	130	33.46	11.2	20	
Tetrachloroethene	46.2	1.00	40.00	7.770	96.1	70	130	45.17	2.30	20	
trans-1,2-Dichloroethene	38.3	1.00	40.00	0	95.7	70	130	32.62	15.9	20	
Trichloroethene	42.0	1.00	40.00	0.7400	103	73.6	120	42.78	1.91	20	
Vinyl chloride	42.4	1.00	40.00	0	106	70	130	44.67	5.28	20	

Sample ID: CCV-R4909		SampType: CCV		TestCode: 8260_W		Units: µg/L		Prep Date:		RunNo: 4909	
Client ID: CCV		Batch ID: R4909		TestNo: SW8260B		Analysis Date: 6/21/2012				SeqNo: 65478	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	8.62	1.00	10.00	0	86.2	80	120				
cis-1,2-Dichloroethene	8.16	1.00	10.00	0	81.6	80	120				
Tetrachloroethene	8.49	1.00	10.00	0	84.9	80	120				

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

WO#: 1206153

03-Jul-12

Specialty Analytical

Client: Maul Foster & Alongi
Project: Union Ridge / 8006.31.02

TestCode: 8260_W

Sample ID: CCV-R4909	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 4909						
Client ID: CCV	Batch ID: R4909	TestNo: SW8260B		Analysis Date: 6/21/2012	SeqNo: 65478						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

trans-1,2-Dichloroethene	8.05	1.00	10.00	0	80.5	80	120				
Trichloroethene	9.22	1.00	10.00	0	92.2	80	120				
Vinyl chloride	9.71	1.00	10.00	0	97.1	80	120				

Sample ID: CCV-R4909	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 4909						
Client ID: CCV	Batch ID: R4909	TestNo: SW8260B		Analysis Date: 6/22/2012	SeqNo: 65589						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	69.4	1.00	40.00	0	174	80	120				SCN
cis-1,2-Dichloroethene	61.4	1.00	40.00	0	153	80	120				SCN
Tetrachloroethene	37.0	1.00	40.00	0	92.5	80	120				
trans-1,2-Dichloroethene	63.1	1.00	40.00	0	158	80	120				SCN
Trichloroethene	43.3	1.00	40.00	0	108	80	120				
Vinyl chloride	40.2	1.00	40.00	0	101	80	120				

Sample ID: CCB-R4909	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 4909						
Client ID: CCB	Batch ID: R4909	TestNo: SW8260B		Analysis Date: 6/22/2012	SeqNo: 65590						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Tetrachloroethene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit Page 3 of 5
R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

WO#: 1206153

03-Jul-12

Specialty Analytical

Client: Maul Foster & Alongi
Project: Union Ridge / 8006.31.02

TestCode: 8260_W

Sample ID: CCB-R4909	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 4909						
Client ID: CCB	Batch ID: R4909	TestNo: SW8260B		Analysis Date: 6/22/2012	SeqNo: 65590						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	115		100.0		115	85.3	116				
Surr: 4-Bromofluorobenzene	104		100.0		104	88.1	120				
Surr: Dibromofluoromethane	116		100.0		116	94.2	122				
Surr: Toluene-d8	117		100.0		117	86.2	135				

Sample ID: CCV-R4909	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 4909						
Client ID: CCV	Batch ID: R4909	TestNo: SW8260B		Analysis Date: 6/25/2012	SeqNo: 65898						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	79.1	1.00	40.00	0	198	80	120				SCN
cis-1,2-Dichloroethene	63.4	1.00	40.00	0	158	80	120				SCN
Tetrachloroethene	37.0	1.00	40.00	0	92.6	80	120				
trans-1,2-Dichloroethene	60.8	1.00	40.00	0	152	80	120				SCN
Trichloroethene	51.0	1.00	40.00	0	128	80	120				SCN
Vinyl chloride	46.2	1.00	40.00	0	115	80	120				

Sample ID: CCB-R4909	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 4909						
Client ID: CCB	Batch ID: R4909	TestNo: SW8260B		Analysis Date: 6/25/2012	SeqNo: 65899						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Tetrachloroethene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	ND	1.00									

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit Page 4 of 5
R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

WO#: 1206153

03-Jul-12

Specialty Analytical

Client: Maul Foster & Alongi
Project: Union Ridge / 8006.31.02

TestCode: 8260_W

Sample ID: CCB-R4909	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 4909						
Client ID: CCB	Batch ID: R4909	TestNo: SW8260B		Analysis Date: 6/25/2012	SeqNo: 65899						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	131		100.0		131	85.3	116				S
Surr: 4-Bromofluorobenzene	126		100.0		126	88.1	120				S
Surr: Dibromofluoromethane	139		100.0		139	94.2	122				S
Surr: Toluene-d8	102		100.0		102	86.2	135				

Qualifiers: B Analyte detected in the associated Method Blank
 R RPD outside accepted recovery limits

H Holding times for preparation or analysis exceeded
 S Spike Recovery outside accepted recovery limits

ND Not Detected at the Reporting Limit

KEY TO FLAGS

Rev. May 12, 2010

- A This sample contains a Gasoline Range Organic not identified as a specific hydrocarbon product. The result was quantified against gasoline calibration standards
- A1 This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was quantified against diesel calibration standards.
- A2 This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was quantified against a lube oil calibration standard.
- A3 The result was determined to be Non-Detect based on hydrocarbon pattern recognition. The product was carry-over from another hydrocarbon type.
- A4 The product appears to be aged or degraded diesel.
- B The blank exhibited a positive result great than the reporting limit for this compound.
- CN See Case Narrative.
- D Result is based from a dilution.
- E Result exceeds the calibration range for this compound. The result should be considered as estimate.
- F The positive result for this hydrocarbon is due to single component contamination. The product does not match any hydrocarbon in the fuels library.
- G Result may be biased high due to biogenic interferences. Clean up is recommended.
- H Sample was analyzed outside recommended holding time.
- HT At clients request, samples was analyzed outside of recommended holding time.
- J The result for this analyte is between the MDL and the PQL and should be considered as estimated concentration.
- K Diesel result is biased high due to amount of Oil contained in the sample.
- L Diesel result is biased high due to amount of Gasoline contained in the sample.
- M Oil result is biased high due to amount of Diesel contained in the sample.
- MC Sample concentration is greater than 4x the spiked value, the spiked value is considered insignificant.
- MI Result is outside control limits due to matrix interference.
- MSA Value determined by Method of Standard Addition.
- O Laboratory Control Standard (LCS) exceeded laboratory control limits, but meets CCV criteria. Data meets EPA requirements.
- Q Detection levels elevated due to sample matrix.
- R RPD control limits were exceeded.
- RF Duplicate failed due to result being at or near the method-reporting limit.
- RP Matrix spike values exceed established QC limits; post digestion spike is in control.
- S Recovery is outside control limits.
- SC Closing CCV or LCS exceeded high recovery control limits, but associated samples are non-detect. Data meets EPA requirements.
- * The result for this parameter was greater than the maximum contaminant level of the TCLP regulatory limit.

CHAIN OF CUSTODY RECORD

Specialty Analytical
 11711 SE Capps Road
 Clackamas, OR 97015
 Phone: 503-607-1331
 Fax: 503-607-1336

Contact Person/Project Manager Meri D. Anderson
 Company Mawl Foster and Alonzi
 Address 2001 SW 19th Suite J200
Portland OR 97209
 Phone 971 544 2187 Fax
 Project No. 8006.31.02 Project Name Union Ridge
 Project Site Location OR WA Other
 Invoice To MFA P.O. No.

Collected By: _____
 Signature _____
 Printed Andrew Vidarick

Signature _____
 Printed _____

Turn Around Time _____
 Normal 5-7 Business Days
 Rush _____ Specify _____

Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix	Received By	Date	Time
6/18/12	1203	MW01-061812	GW	Andrew Vidarick	6/19/12	1800
6/18/12	1430	MW08-061812	GW			
6/18/12	1630	MW02-061812	GW			
6/19/12	0950	MW03-061912	GW			
6/19/12	1145	MW15-061912	GW			
6/19/12	1430	MW16-061912	GW			

For Laboratory Use		Analyses	No. of Containers	Relinquished By: <u>Andrew Vidarick</u>	Received By: <u>Raymond Mack</u>	Date: <u>6/20/12</u>	Time: <u>1455</u>
Lab Job No. <u>2006153</u>	Shipped Via <u>Specialty</u>						
Temperature On Receipt <u>0</u> °C	Specialty Analytical Containers? <u>Y/N</u>	Vinyl chloride	X	Company: <u>MFA</u>	Relinquished For Lab By: <u>Nikki Bupper</u>	Date: <u>6/20/12</u>	Time: <u>1455</u>
Specialty Analytical Containers? <u>Y/N</u>	Specialty Analytical Trip Blanks? <u>Y/N</u>	TCE	X				
Comments		Trans-1,2-DCE	X				
Lab I.D.		PCE	X				
		CIS-1,2-DCE	X				
		1,1-DCE	X				

Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.
 Samples held beyond 60 days subject to storage fee(s)



Specialty Analytical

11711 SE Capps Road, Ste B
Clackamas, Oregon 97015
TEL: 503-607-1331 FAX: 503-607-1336
Website: www.specialtyanalytical.com

June 27, 2012

Merideth D'Andrea
Maul Foster & Alongi
400 E. Mill Plain Blvd.
Suite 400
Vancouver, Washington 98660
TEL: (360) 694-2691
FAX (360) 906-1958
RE: Union Ridge / 8006.31.02

Dear Merideth D'Andrea:

Order No.: 1206179

Specialty Analytical received 10 sample(s) on 6/22/2012 for the analyses presented in the following report.

There were no problems with the analysis and all data for associated QC met EPA or laboratory specifications, except where noted in the Case Narrative, or as qualified with flags. Results apply only to the samples analyzed. Without approval of the laboratory, the reproduction of this report is only permitted in its entirety.

If you have any questions regarding these tests, please feel free to call.

Sincerely,

A handwritten signature in black ink, appearing to read "Marty French". The signature is fluid and cursive, with a prominent loop at the end.

Marty French
Lab Director

Specialty Analytical

Date Reported: 27-Jun-12

CLIENT: Maul Foster & Alongi
Project: Union Ridge / 8006.31.02

Lab Order: 1206179

Lab ID: 1206179-001 **Collection Date:** 6/20/2012 10:00:00 AM
Client Sample ID: MW14-062012 **Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: bda		
1,1-Dichloroethene	ND	1.00		µg/L	1	6/26/2012 12:44:00 AM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	6/26/2012 12:44:00 AM
Tetrachloroethene	15.8	1.00		µg/L	1	6/26/2012 12:44:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	6/26/2012 12:44:00 AM
Trichloroethene	7.31	1.00		µg/L	1	6/26/2012 12:44:00 AM
Vinyl chloride	ND	1.00		µg/L	1	6/26/2012 12:44:00 AM
Surr: 1,2-Dichloroethane-d4	104	85.3-116		%REC	1	6/26/2012 12:44:00 AM
Surr: 4-Bromofluorobenzene	106	88.1-120		%REC	1	6/26/2012 12:44:00 AM
Surr: Dibromofluoromethane	107	94.2-122		%REC	1	6/26/2012 12:44:00 AM
Surr: Toluene-d8	97.2	86.2-135		%REC	1	6/26/2012 12:44:00 AM

Lab ID: 1206179-002 **Collection Date:** 6/20/2012 12:00:00 PM
Client Sample ID: MW09-062012 **Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: bda		
1,1-Dichloroethene	ND	1.00		µg/L	1	6/26/2012 12:09:00 AM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	6/26/2012 12:09:00 AM
Tetrachloroethene	52.4	1.00		µg/L	1	6/26/2012 12:09:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	6/26/2012 12:09:00 AM
Trichloroethene	99.8	1.00		µg/L	1	6/26/2012 12:09:00 AM
Vinyl chloride	ND	1.00		µg/L	1	6/26/2012 12:09:00 AM
Surr: 1,2-Dichloroethane-d4	99.9	85.3-116		%REC	1	6/26/2012 12:09:00 AM
Surr: 4-Bromofluorobenzene	111	88.1-120		%REC	1	6/26/2012 12:09:00 AM
Surr: Dibromofluoromethane	102	94.2-122		%REC	1	6/26/2012 12:09:00 AM
Surr: Toluene-d8	97.7	86.2-135		%REC	1	6/26/2012 12:09:00 AM

Specialty Analytical

Date Reported: 27-Jun-12

CLIENT: Maul Foster & Alongi
Project: Union Ridge / 8006.31.02

Lab Order: 1206179

Lab ID: 1206179-003 **Collection Date:** 6/20/2012 1:30:00 PM
Client Sample ID: MW07-062012 **Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: bda		
1,1-Dichloroethene	ND	1.00		µg/L	1	6/26/2012 9:21:00 AM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	6/26/2012 9:21:00 AM
Tetrachloroethene	12.3	1.00		µg/L	1	6/26/2012 9:21:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	6/26/2012 9:21:00 AM
Trichloroethene	ND	1.00		µg/L	1	6/26/2012 9:21:00 AM
Vinyl chloride	ND	1.00		µg/L	1	6/26/2012 9:21:00 AM
Surr: 1,2-Dichloroethane-d4	108	85.3-116		%REC	1	6/26/2012 9:21:00 AM
Surr: 4-Bromofluorobenzene	111	88.1-120		%REC	1	6/26/2012 9:21:00 AM
Surr: Dibromofluoromethane	110	94.2-122		%REC	1	6/26/2012 9:21:00 AM
Surr: Toluene-d8	96.4	86.2-135		%REC	1	6/26/2012 9:21:00 AM

Lab ID: 1206179-004 **Collection Date:** 6/20/2012 2:15:00 PM
Client Sample ID: MW06-062012 **Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: bda		
1,1-Dichloroethene	ND	1.00		µg/L	1	6/25/2012 11:00:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	6/25/2012 11:00:00 PM
Tetrachloroethene	2.79	1.00		µg/L	1	6/26/2012 9:55:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	6/25/2012 11:00:00 PM
Trichloroethene	9.84	1.00		µg/L	1	6/25/2012 11:00:00 PM
Vinyl chloride	ND	1.00		µg/L	1	6/25/2012 11:00:00 PM
Surr: 1,2-Dichloroethane-d4	105	85.3-116		%REC	1	6/25/2012 11:00:00 PM
Surr: 4-Bromofluorobenzene	109	88.1-120		%REC	1	6/25/2012 11:00:00 PM
Surr: Dibromofluoromethane	106	94.2-122		%REC	1	6/25/2012 11:00:00 PM
Surr: Toluene-d8	99.2	86.2-135		%REC	1	6/25/2012 11:00:00 PM

Specialty Analytical

Date Reported: 27-Jun-12

CLIENT: Maul Foster & Alongi
Project: Union Ridge / 8006.31.02

Lab Order: 1206179

Lab ID: 1206179-005 **Collection Date:** 6/20/2012 3:30:00 PM
Client Sample ID: MW11-062012 **Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: bda		
1,1-Dichloroethene	ND	1.00		µg/L	1	6/25/2012 10:26:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	6/25/2012 10:26:00 PM
Tetrachloroethene	26.4	1.00		µg/L	1	6/26/2012 10:30:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	6/25/2012 10:26:00 PM
Trichloroethene	3.17	1.00		µg/L	1	6/25/2012 10:26:00 PM
Vinyl chloride	ND	1.00		µg/L	1	6/25/2012 10:26:00 PM
Surr: 1,2-Dichloroethane-d4	109	85.3-116		%REC	1	6/25/2012 10:26:00 PM
Surr: 4-Bromofluorobenzene	105	88.1-120		%REC	1	6/25/2012 10:26:00 PM
Surr: Dibromofluoromethane	105	94.2-122		%REC	1	6/25/2012 10:26:00 PM
Surr: Toluene-d8	97.9	86.2-135		%REC	1	6/25/2012 10:26:00 PM

Lab ID: 1206179-006 **Collection Date:** 6/21/2012 9:15:00 AM
Client Sample ID: MW05-062112 **Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: bda		
1,1-Dichloroethene	ND	1.00		µg/L	1	6/25/2012 9:53:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	6/25/2012 9:53:00 PM
Tetrachloroethene	1380	50.0		µg/L	50	6/26/2012 11:05:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	6/25/2012 9:53:00 PM
Trichloroethene	5.89	1.00		µg/L	1	6/25/2012 9:53:00 PM
Vinyl chloride	ND	1.00		µg/L	1	6/25/2012 9:53:00 PM
Surr: 1,2-Dichloroethane-d4	104	85.3-116		%REC	1	6/25/2012 9:53:00 PM
Surr: 4-Bromofluorobenzene	113	88.1-120		%REC	1	6/25/2012 9:53:00 PM
Surr: Dibromofluoromethane	106	94.2-122		%REC	1	6/25/2012 9:53:00 PM
Surr: Toluene-d8	97.9	86.2-135		%REC	1	6/25/2012 9:53:00 PM

Specialty Analytical

Date Reported: 27-Jun-12

CLIENT: Maul Foster & Alongi
Project: Union Ridge / 8006.31.02

Lab Order: 1206179

Lab ID: 1206179-007 **Collection Date:** 6/21/2012 10:45:00 AM
Client Sample ID: MW04-062112 **Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: bda		
1,1-Dichloroethene	ND	1.00		µg/L	1	6/25/2012 9:19:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	6/25/2012 9:19:00 PM
Tetrachloroethene	21.6	1.00		µg/L	1	6/25/2012 9:19:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	6/25/2012 9:19:00 PM
Trichloroethene	ND	1.00		µg/L	1	6/25/2012 9:19:00 PM
Vinyl chloride	ND	1.00		µg/L	1	6/25/2012 9:19:00 PM
Surr: 1,2-Dichloroethane-d4	104	85.3-116		%REC	1	6/25/2012 9:19:00 PM
Surr: 4-Bromofluorobenzene	108	88.1-120		%REC	1	6/25/2012 9:19:00 PM
Surr: Dibromofluoromethane	104	94.2-122		%REC	1	6/25/2012 9:19:00 PM
Surr: Toluene-d8	96.8	86.2-135		%REC	1	6/25/2012 9:19:00 PM

Lab ID: 1206179-008 **Collection Date:** 6/21/2012 12:45:00 PM
Client Sample ID: MW10-062112 **Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: bda		
1,1-Dichloroethene	ND	1.00		µg/L	1	6/25/2012 8:45:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	6/25/2012 8:45:00 PM
Tetrachloroethene	65.5	1.00		µg/L	1	6/25/2012 8:45:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	6/25/2012 8:45:00 PM
Trichloroethene	31.8	1.00		µg/L	1	6/25/2012 8:45:00 PM
Vinyl chloride	ND	1.00		µg/L	1	6/25/2012 8:45:00 PM
Surr: 1,2-Dichloroethane-d4	101	85.3-116		%REC	1	6/25/2012 8:45:00 PM
Surr: 4-Bromofluorobenzene	114	88.1-120		%REC	1	6/25/2012 8:45:00 PM
Surr: Dibromofluoromethane	106	94.2-122		%REC	1	6/25/2012 8:45:00 PM
Surr: Toluene-d8	97.8	86.2-135		%REC	1	6/25/2012 8:45:00 PM

Specialty Analytical

Date Reported: 27-Jun-12

CLIENT: Maul Foster & Alongi
Project: Union Ridge / 8006.31.02

Lab Order: 1206179

Lab ID: 1206179-009
Client Sample ID: MW13-062112

Collection Date: 6/21/2012 2:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: bda		
1,1-Dichloroethene	ND	1.00		µg/L	1	6/25/2012 8:11:00 PM
cis-1,2-Dichloroethene	3.69	1.00		µg/L	1	6/25/2012 8:11:00 PM
Tetrachloroethene	251	10.0		µg/L	10	6/26/2012 11:39:00 AM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	6/25/2012 8:11:00 PM
Trichloroethene	117	1.00		µg/L	1	6/25/2012 8:11:00 PM
Vinyl chloride	ND	1.00		µg/L	1	6/25/2012 8:11:00 PM
Surr: 1,2-Dichloroethane-d4	109	85.3-116		%REC	1	6/25/2012 8:11:00 PM
Surr: 4-Bromofluorobenzene	113	88.1-120		%REC	1	6/25/2012 8:11:00 PM
Surr: Dibromofluoromethane	125	94.2-122	S	%REC	1	6/25/2012 8:11:00 PM
Surr: Toluene-d8	105	86.2-135		%REC	1	6/25/2012 8:11:00 PM

Lab ID: 1206179-010
Client Sample ID: Trip Blank_062112

Collection Date: 6/21/2012
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: bda		
1,1-Dichloroethene	ND	1.00		µg/L	1	6/25/2012 7:37:00 PM
cis-1,2-Dichloroethene	ND	1.00		µg/L	1	6/25/2012 7:37:00 PM
Tetrachloroethene	ND	1.00		µg/L	1	6/25/2012 7:37:00 PM
trans-1,2-Dichloroethene	ND	1.00		µg/L	1	6/25/2012 7:37:00 PM
Trichloroethene	ND	1.00		µg/L	1	6/25/2012 7:37:00 PM
Vinyl chloride	ND	1.00		µg/L	1	6/25/2012 7:37:00 PM
Surr: 1,2-Dichloroethane-d4	107	85.3-116		%REC	1	6/25/2012 7:37:00 PM
Surr: 4-Bromofluorobenzene	91.2	88.1-120		%REC	1	6/25/2012 7:37:00 PM
Surr: Dibromofluoromethane	111	94.2-122		%REC	1	6/25/2012 7:37:00 PM
Surr: Toluene-d8	105	86.2-135		%REC	1	6/25/2012 7:37:00 PM

QC SUMMARY REPORT

WO#: 1206179
27-Jun-12

Specialty Analytical

Client: Maul Foster & Alongi
Project: Union Ridge / 8006.31.02

TestCode: 8260_W

Sample ID: LCS-R4951	SampType: LCS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 4951						
Client ID: LCSW	Batch ID: R4951	TestNo: SW8260B		Analysis Date: 6/25/2012	SeqNo: 66010						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	42.5	1.00	40.00	0	106	61.2	135				
cis-1,2-Dichloroethene	38.5	1.00	40.00	0	96.2	70	130				
Tetrachloroethene	44.6	1.00	40.00	0	111	70	130				
trans-1,2-Dichloroethene	50.0	1.00	40.00	0	125	70	130				
Trichloroethene	47.1	1.00	40.00	0	118	68.5	124				
Vinyl chloride	48.0	1.00	40.00	0	120	70	130				

Sample ID: MB-R4951	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 4951						
Client ID: PBW	Batch ID: R4951	TestNo: SW8260B		Analysis Date: 6/25/2012	SeqNo: 66011						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Tetrachloroethene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	104		100.0		104	85.3	116				
Surr: 4-Bromofluorobenzene	105		100.0		105	88.1	120				
Surr: Dibromofluoromethane	105		100.0		105	94.2	122				
Surr: Toluene-d8	94.4		100.0		94.4	86.2	135				

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit Page 1 of 4
R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

WO#: 1206179
27-Jun-12

Specialty Analytical

Client: Maul Foster & Alongi
Project: Union Ridge / 8006.31.02

TestCode: 8260_W

Sample ID: 1206179-009AMS		SampType: MS		TestCode: 8260_W		Units: µg/L		Prep Date:		RunNo: 4951	
Client ID: MW13-062112		Batch ID: R4951		TestNo: SW8260B				Analysis Date: 6/26/2012		SeqNo: 66022	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	48.4	1.00	40.00	0	121	51.4	176				
cis-1,2-Dichloroethene	42.4	1.00	40.00	3.690	96.7	70	130				
Tetrachloroethene	589	1.00	40.00	535.5	135	70	130				SE
trans-1,2-Dichloroethene	51.0	1.00	40.00	0	127	70	130				
Trichloroethene	166	1.00	40.00	117.1	122	73.6	120				S
Vinyl chloride	57.2	1.00	40.00	0	143	70	130				S

Sample ID: 1206179-009AMSD		SampType: MSD		TestCode: 8260_W		Units: µg/L		Prep Date:		RunNo: 4951	
Client ID: MW13-062112		Batch ID: R4951		TestNo: SW8260B				Analysis Date: 6/26/2012		SeqNo: 66023	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	45.6	1.00	40.00	0	114	51.4	176	48.41	6.09	20	
cis-1,2-Dichloroethene	40.5	1.00	40.00	3.690	92.0	70	130	42.36	4.46	20	
Tetrachloroethene	571	1.00	40.00	535.5	88.0	70	130	589.3	3.22	20	E
trans-1,2-Dichloroethene	48.6	1.00	40.00	0	121	70	130	50.95	4.78	20	
Trichloroethene	163	1.00	40.00	117.1	114	73.6	120	165.8	1.77	20	
Vinyl chloride	59.4	1.00	40.00	0	148	70	130	57.16	3.78	20	S

Sample ID: CCV-R4951		SampType: CCV		TestCode: 8260_W		Units: µg/L		Prep Date:		RunNo: 4951	
Client ID: CCV		Batch ID: R4951		TestNo: SW8260B				Analysis Date: 6/26/2012		SeqNo: 66089	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	23.1	1.00	20.00	0	116	80	120				
cis-1,2-Dichloroethene	17.8	1.00	20.00	0	89.1	80	120				
Tetrachloroethene	18.8	1.00	20.00	0	93.9	80	120				

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

WO#: 1206179
27-Jun-12

Specialty Analytical

Client: Maul Foster & Alongi
Project: Union Ridge / 8006.31.02

TestCode: 8260_W

Sample ID: CCV-R4951	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 4951						
Client ID: CCV	Batch ID: R4951	TestNo: SW8260B		Analysis Date: 6/26/2012	SeqNo: 66089						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	23.3	1.00	20.00	0	116	80	120				
Trichloroethene	19.9	1.00	20.00	0	99.4	80	120				
Vinyl chloride	26.8	1.00	20.00	0	134	80	120				SC

Sample ID: CCBR4951	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 4951						
Client ID: CCB	Batch ID: R4951	TestNo: SW8260B		Analysis Date: 6/26/2012	SeqNo: 66090						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Tetrachloroethene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	107		100.0		107	85.3	116				
Surr: 4-Bromofluorobenzene	115		100.0		115	88.1	120				
Surr: Dibromofluoromethane	117		100.0		117	94.2	122				
Surr: Toluene-d8	96.6		100.0		96.6	86.2	135				

Sample ID: 1206179-009AMS	SampType: MS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 4951						
Client ID: MW13-062112	Batch ID: R4951	TestNo: SW8260B		Analysis Date: 6/26/2012	SeqNo: 66106						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	718	10.0	400.0	251.3	117	70	130				MC

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit Page 3 of 4
R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

WO#: 1206179

27-Jun-12

Specialty Analytical

Client: Maul Foster & Alongi
Project: Union Ridge / 8006.31.02

TestCode: 8260_W

Sample ID: 1206179-009AMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 4951						
Client ID: MW13-062112	Batch ID: R4951	TestNo: SW8260B		Analysis Date: 6/26/2012	SeqNo: 66107						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	745	10.0	400.0	251.3	123	70	130	718.1	3.68	20	MC

Qualifiers: B Analyte detected in the associated Method Blank
R RPD outside accepted recovery limits

H Holding times for preparation or analysis exceeded
S Spike Recovery outside accepted recovery limits

ND Not Detected at the Reporting Limit

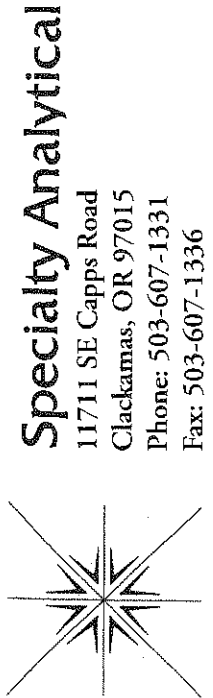
KEY TO FLAGS

Rev. May 12, 2010

- A This sample contains a Gasoline Range Organic not identified as a specific hydrocarbon product. The result was quantified against gasoline calibration standards
- A1 This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was quantified against diesel calibration standards.
- A2 This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was quantified against a lube oil calibration standard.
- A3 The result was determined to be Non-Detect based on hydrocarbon pattern recognition. The product was carry-over from another hydrocarbon type.
- A4 The product appears to be aged or degraded diesel.
- B The blank exhibited a positive result great than the reporting limit for this compound.
- CN See Case Narrative.
- D Result is based from a dilution.
- E Result exceeds the calibration range for this compound. The result should be considered as estimate.
- F The positive result for this hydrocarbon is due to single component contamination. The product does not match any hydrocarbon in the fuels library.
- G Result may be biased high due to biogenic interferences. Clean up is recommended.
- H Sample was analyzed outside recommended holding time.
- HT At clients request, samples was analyzed outside of recommended holding time.
- J The result for this analyte is between the MDL and the PQL and should be considered as estimated concentration.
- K Diesel result is biased high due to amount of Oil contained in the sample.
- L Diesel result is biased high due to amount of Gasoline contained in the sample.
- M Oil result is biased high due to amount of Diesel contained in the sample.
- MC Sample concentration is greater than 4x the spiked value, the spiked value is considered insignificant.
- MI Result is outside control limits due to matrix interference.
- MSA Value determined by Method of Standard Addition.
- O Laboratory Control Standard (LCS) exceeded laboratory control limits, but meets CCV criteria. Data meets EPA requirements.
- Q Detection levels elevated due to sample matrix.
- R RPD control limits were exceeded.
- RF Duplicate failed due to result being at or near the method-reporting limit.
- RP Matrix spike values exceed established QC limits; post digestion spike is in control.
- S Recovery is outside control limits.
- SC Closing CCV or LCS exceeded high recovery control limits, but associated samples are non-detect. Data meets EPA requirements.
- * The result for this parameter was greater than the maximum contaminant level of the TCLP regulatory limit.

CHAIN OF CUSTODY RECORD

Page ___ of ___



Specialty Analytical
 11711 SE Capps Road
 Clackamas, OR 97015
 Phone: 503-607-1331
 Fax: 503-607-1336

Contact Person/Project Manager Meri D. Andree
 Company Maul Foster and Alongi
 Address 2001 NW 15th Suite J 200
Portland OR 97209
 Phone 971 344 2139 Fax _____
 Project No. 8006.31.01 Project Name Union Ridge
 Project Site Location OR WA X Other _____
 Invoice To MFA 8006.31.02 P.O. No. _____

Collected By: _____
 Signature Andrew Vidourck
 Printed Andrew Vidourck

Signature _____
 Printed _____

Turn Around Time
 Normal 5-7 Business Days
 Rush _____ Specify _____

Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix	No. of Containers	Analyses				For Laboratory Use						
					1,1-DCE	CS, 1,2-DCE	PCE	Trans-1,2-DCE	TCF	Vinyl Chloride	Lab Job No.	Shipped Via	Air Bill No.		
6/20/12	1000	MW14-062012	GW	5	X	X	X	X	X	X	206179	Specialty			
6/20/12	1200	MW09-062012	GW	5	X	X	X	X	X	X					
6/20/12	1330	MW07-062012	GW	5	X	X	X	X	X	X					
6/20/12	1415	MW06-062012	GW	5	X	X	X	X	X	X					
6/20/12	1530	MW11-062012	GW	5	X	X	X	X	X	X					
6/21/12	0915	MW05-062112	GW	5	X	X	X	X	X	X					
6/21/12	1045	MW04-062112	GW	5	X	X	X	X	X	X					
6/21/12	1245	MW10-062112	GW	5	X	X	X	X	X	X					
6/21/12	1400	MW13-062112	GW	5	X	X	X	X	X	X					
5/29/12		Trip Blank	GW	2											

Temperature On Receipt _____ °C
 Specialty Analytical Containers? Y/N
 Specialty Analytical Trip Blanks? Y/N

Comments _____
 Lab I.D. _____
 Relinquished By: Reginald Moore
 Company: MFA
 Date: 6/22/12 Time: 1433
 Received For Lab By: Andrew Vidourck
 Company: _____
 Date: 6/22/12 Time: 1433

Relinquished By: Andrew Vidourck Date: 6/22/12 Time: 0830
 Company: MFA

Received By: _____
 Company: _____
 Date: _____ Time: _____

Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.
 Samples held beyond 60 days subject to storage fee(s)



Specialty Analytical

11711 SE Capps Road, Ste B
Clackamas, Oregon 97015
TEL: 503-607-1331 FAX: 503-607-1336
Website: www.specialtyanalytical.com

October 31, 2012

Merideth D'Andrea
Maul Foster & Alongi
400 E. Mill Plain Blvd.
Suite 400
Vancouver, Washington 98660

TEL: (360) 694-2691

FAX (360) 906-1958

RE: Park Laundry-URIC / 8006.31.02

Dear Merideth D'Andrea:

Order No.: 1210059

Specialty Analytical received 17 sample(s) on 10/8/2012 for the analyses presented in the following report.

REVISED REPORT VERSION 1. Please see case narrative for information on revision.

There were no problems with the analysis and all data for associated QC met EPA or laboratory specifications, except where noted in the Case Narrative, or as qualified with flags. Results apply only to the samples analyzed. Without approval of the laboratory, the reproduction of this report is only permitted in its entirety.

If you have any questions regarding these tests, please feel free to call.

Sincerely,

A handwritten signature in black ink, appearing to read "Marty French". The signature is fluid and cursive, written over a white background.

Marty French
Lab Director

Case Narrative

WO#: 1210059

Date: 10/31/2012

Specialty Analytical

CLIENT: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

Report Revision 1

This report includes the original data, now reported with MDL's per the clients request.

Specialty Analytical

Date Reported: 31-Oct-12

CLIENT: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

Lab Order: 1210059

Lab ID: 1210059-001
Client Sample ID: MW14-100312

Collection Date: 10/3/2012 1:54:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1,1,2-Tetrachloroethane	ND	0.057	1.00		µg/L	1	10/9/2012 11:04:00 AM
1,1,1-Trichloroethane	ND	0.053	1.00		µg/L	1	10/9/2012 11:04:00 AM
1,1,2,2-Tetrachloroethane	0.150	0.148	1.00	J	µg/L	1	10/9/2012 11:04:00 AM
1,1,2-Trichloroethane	ND	0.204	1.00		µg/L	1	10/9/2012 11:04:00 AM
1,1-Dichloroethane	ND	0.085	1.00		µg/L	1	10/9/2012 11:04:00 AM
1,1-Dichloroethene	ND	0.096	1.00		µg/L	1	10/9/2012 11:04:00 AM
1,1-Dichloropropene	ND	0.065	1.00		µg/L	1	10/9/2012 11:04:00 AM
1,2,3-Trichlorobenzene	0.150	0.118	1.00	J	µg/L	1	10/9/2012 11:04:00 AM
1,2,3-Trichloropropane	ND	0.167	1.00		µg/L	1	10/9/2012 11:04:00 AM
1,2,4-Trichlorobenzene	0.140	0.087	1.00	J	µg/L	1	10/9/2012 11:04:00 AM
1,2,4-Trimethylbenzene	ND	0.152	1.00		µg/L	1	10/9/2012 11:04:00 AM
1,2-Dibromo-3-chloropropane	ND	0.373	1.00		µg/L	1	10/9/2012 11:04:00 AM
1,2-Dibromoethane	ND	0.108	1.00		µg/L	1	10/9/2012 11:04:00 AM
1,2-Dichlorobenzene	ND	0.054	1.00		µg/L	1	10/9/2012 11:04:00 AM
1,2-Dichloroethane	0.100	0.087	1.00	J	µg/L	1	10/9/2012 11:04:00 AM
1,2-Dichloropropane	ND	0.096	1.00		µg/L	1	10/9/2012 11:04:00 AM
1,3,5-Trimethylbenzene	ND	0.031	1.00		µg/L	1	10/9/2012 11:04:00 AM
1,3-Dichlorobenzene	ND	0.066	1.00		µg/L	1	10/9/2012 11:04:00 AM
1,3-Dichloropropane	ND	0.067	1.00		µg/L	1	10/9/2012 11:04:00 AM
1,4-Dichlorobenzene	0.180	0.038	1.00	J	µg/L	1	10/9/2012 11:04:00 AM
2,2-Dichloropropane	ND	0.088	1.00		µg/L	1	10/9/2012 11:04:00 AM
2-Butanone	ND	0.333	10.0		µg/L	1	10/9/2012 11:04:00 AM
2-Chlorotoluene	ND	0.025	1.00		µg/L	1	10/9/2012 11:04:00 AM
2-Hexanone	ND	0.214	10.0		µg/L	1	10/9/2012 11:04:00 AM
4-Chlorotoluene	ND	0.121	1.00		µg/L	1	10/9/2012 11:04:00 AM
4-Isopropyltoluene	ND	0.024	1.00		µg/L	1	10/9/2012 11:04:00 AM
4-Methyl-2-pentanone	ND	0.435	20.0		µg/L	1	10/9/2012 11:04:00 AM
Acetone	4.02	0.559	50.0	J	µg/L	1	10/9/2012 11:04:00 AM
Acrylonitrile	ND	0.059	5.00		µg/L	1	10/9/2012 11:04:00 AM
Benzene	0.130	0.031	0.300	J	µg/L	1	10/9/2012 11:04:00 AM
Bromobenzene	ND	0.059	1.00		µg/L	1	10/9/2012 11:04:00 AM
Bromochloromethane	ND	0.130	1.00		µg/L	1	10/9/2012 11:04:00 AM
Bromodichloromethane	ND	0.055	1.00		µg/L	1	10/9/2012 11:04:00 AM
Bromoform	0.170	0.061	1.00	J	µg/L	1	10/9/2012 11:04:00 AM
Bromomethane	0.840	0.486	1.00	J	µg/L	1	10/9/2012 11:04:00 AM
Carbon disulfide	0.230	0.058	2.00	J	µg/L	1	10/9/2012 11:04:00 AM
Carbon tetrachloride	ND	0.073	1.00		µg/L	1	10/9/2012 11:04:00 AM
Chlorobenzene	ND	0.070	1.00		µg/L	1	10/9/2012 11:04:00 AM

Specialty Analytical

Date Reported: 31-Oct-12

CLIENT: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

Lab Order: 1210059

VOLATILE ORGANICS BY GC/MS

SW8260B

Analyst: ep

Chloroethane	0.410	0.203	1.00	J	µg/L	1	10/9/2012 11:04:00 AM
Chloroform	ND	0.066	1.00		µg/L	1	10/9/2012 11:04:00 AM
Chloromethane	ND	0.072	1.00		µg/L	1	10/9/2012 11:04:00 AM
cis-1,2-Dichloroethene	0.200	0.066	1.00	J	µg/L	1	10/9/2012 11:04:00 AM
cis-1,3-Dichloropropene	ND	0.077	1.00		µg/L	1	10/9/2012 11:04:00 AM
Dibromochloromethane	ND	0.067	1.00		µg/L	1	10/9/2012 11:04:00 AM
Dibromomethane	ND	0.060	1.00		µg/L	1	10/9/2012 11:04:00 AM
Dichlorodifluoromethane	ND	0.082	1.00		µg/L	1	10/9/2012 11:04:00 AM
Ethylbenzene	0.130	0.049	1.00	J	µg/L	1	10/9/2012 11:04:00 AM
Hexachlorobutadiene	0.180	0.093	1.00	J	µg/L	1	10/9/2012 11:04:00 AM
Isopropylbenzene	ND	0.036	1.00		µg/L	1	10/9/2012 11:04:00 AM
m,p-Xylene	ND	0.186	2.00		µg/L	1	10/9/2012 11:04:00 AM
Methyl tert-butyl ether	ND	0.063	1.00		µg/L	1	10/9/2012 11:04:00 AM
Methylene chloride	ND	0.681	20.0		µg/L	1	10/9/2012 11:04:00 AM
Naphthalene	0.500	0.152	1.00	J	µg/L	1	10/9/2012 11:04:00 AM
n-Butylbenzene	0.110	0.061	1.00	J	µg/L	1	10/9/2012 11:04:00 AM
n-Propylbenzene	0.120	0.032	1.00	J	µg/L	1	10/9/2012 11:04:00 AM
o-Xylene	ND	0.031	1.00		µg/L	1	10/9/2012 11:04:00 AM
sec-Butylbenzene	ND	0.030	1.00		µg/L	1	10/9/2012 11:04:00 AM
Styrene	ND	0.028	1.00		µg/L	1	10/9/2012 11:04:00 AM
tert-Butylbenzene	ND	0.068	1.00		µg/L	1	10/9/2012 11:04:00 AM
Tetrachloroethene	1.17	0.067	1.00		µg/L	1	10/9/2012 11:04:00 AM
Toluene	ND	0.057	1.00		µg/L	1	10/9/2012 11:04:00 AM
trans-1,2-Dichloroethene	ND	0.083	1.00		µg/L	1	10/9/2012 11:04:00 AM
trans-1,3-Dichloropropene	ND	0.039	1.00		µg/L	1	10/9/2012 11:04:00 AM
Trichloroethene	0.340	0.087	1.00	J	µg/L	1	10/9/2012 11:04:00 AM
Trichlorofluoromethane	ND	0.085	1.00		µg/L	1	10/9/2012 11:04:00 AM
Vinyl chloride	ND	0.155	1.00		µg/L	1	10/9/2012 11:04:00 AM
Surr: 1,2-Dichloroethane-d4	98.9	85.3-116			%REC	1	10/9/2012 11:04:00 AM
Surr: 4-Bromofluorobenzene	95.8	88.1-120			%REC	1	10/9/2012 11:04:00 AM
Surr: Dibromofluoromethane	97.1	94.2-122			%REC	1	10/9/2012 11:04:00 AM
Surr: Toluene-d8	103	86.2-135			%REC	1	10/9/2012 11:04:00 AM

Specialty Analytical

Date Reported: 31-Oct-12

CLIENT: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

Lab Order: 1210059

Lab ID: 1210059-002
Client Sample ID: MW09-100312

Collection Date: 10/3/2012 3:27:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1,1,2-Tetrachloroethane	ND	0.057	1.00		µg/L	1	10/9/2012 11:47:00 AM
1,1,1-Trichloroethane	ND	0.053	1.00		µg/L	1	10/9/2012 11:47:00 AM
1,1,2,2-Tetrachloroethane	0.180	0.148	1.00	J	µg/L	1	10/9/2012 11:47:00 AM
1,1,2-Trichloroethane	ND	0.204	1.00		µg/L	1	10/9/2012 11:47:00 AM
1,1-Dichloroethane	ND	0.085	1.00		µg/L	1	10/9/2012 11:47:00 AM
1,1-Dichloroethene	0.240	0.096	1.00	J	µg/L	1	10/9/2012 11:47:00 AM
1,1-Dichloropropene	0.120	0.065	1.00	J	µg/L	1	10/9/2012 11:47:00 AM
1,2,3-Trichlorobenzene	0.120	0.118	1.00	J	µg/L	1	10/9/2012 11:47:00 AM
1,2,3-Trichloropropane	ND	0.167	1.00		µg/L	1	10/9/2012 11:47:00 AM
1,2,4-Trichlorobenzene	0.120	0.087	1.00	J	µg/L	1	10/9/2012 11:47:00 AM
1,2,4-Trimethylbenzene	ND	0.152	1.00		µg/L	1	10/9/2012 11:47:00 AM
1,2-Dibromo-3-chloropropane	ND	0.373	1.00		µg/L	1	10/9/2012 11:47:00 AM
1,2-Dibromoethane	ND	0.108	1.00		µg/L	1	10/9/2012 11:47:00 AM
1,2-Dichlorobenzene	ND	0.054	1.00		µg/L	1	10/9/2012 11:47:00 AM
1,2-Dichloroethane	ND	0.087	1.00		µg/L	1	10/9/2012 11:47:00 AM
1,2-Dichloropropane	ND	0.096	1.00		µg/L	1	10/9/2012 11:47:00 AM
1,3,5-Trimethylbenzene	ND	0.031	1.00		µg/L	1	10/9/2012 11:47:00 AM
1,3-Dichlorobenzene	0.110	0.066	1.00	J	µg/L	1	10/9/2012 11:47:00 AM
1,3-Dichloropropane	ND	0.067	1.00		µg/L	1	10/9/2012 11:47:00 AM
1,4-Dichlorobenzene	0.100	0.038	1.00	J	µg/L	1	10/9/2012 11:47:00 AM
2,2-Dichloropropane	ND	0.088	1.00		µg/L	1	10/9/2012 11:47:00 AM
2-Butanone	ND	0.333	10.0		µg/L	1	10/9/2012 11:47:00 AM
2-Chlorotoluene	ND	0.025	1.00		µg/L	1	10/9/2012 11:47:00 AM
2-Hexanone	ND	0.214	10.0		µg/L	1	10/9/2012 11:47:00 AM
4-Chlorotoluene	ND	0.121	1.00		µg/L	1	10/9/2012 11:47:00 AM
4-Isopropyltoluene	ND	0.024	1.00		µg/L	1	10/9/2012 11:47:00 AM
4-Methyl-2-pentanone	ND	0.435	20.0		µg/L	1	10/9/2012 11:47:00 AM
Acetone	2.46	0.559	50.0	J	µg/L	1	10/9/2012 11:47:00 AM
Acrylonitrile	ND	0.059	5.00		µg/L	1	10/9/2012 11:47:00 AM
Benzene	0.270	0.031	0.300	J	µg/L	1	10/9/2012 11:47:00 AM
Bromobenzene	ND	0.059	1.00		µg/L	1	10/9/2012 11:47:00 AM
Bromochloromethane	ND	0.130	1.00		µg/L	1	10/9/2012 11:47:00 AM
Bromodichloromethane	ND	0.055	1.00		µg/L	1	10/9/2012 11:47:00 AM
Bromoform	0.200	0.061	1.00	J	µg/L	1	10/9/2012 11:47:00 AM
Bromomethane	0.770	0.486	1.00	J	µg/L	1	10/9/2012 11:47:00 AM
Carbon disulfide	0.180	0.058	2.00	J	µg/L	1	10/9/2012 11:47:00 AM
Carbon tetrachloride	ND	0.073	1.00		µg/L	1	10/9/2012 11:47:00 AM
Chlorobenzene	ND	0.070	1.00		µg/L	1	10/9/2012 11:47:00 AM

Specialty Analytical

Date Reported: 31-Oct-12

CLIENT: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

Lab Order: 1210059

VOLATILE ORGANICS BY GC/MS

SW8260B

Analyst: ep

Chloroethane	0.350	0.203	1.00	J	µg/L	1	10/9/2012 11:47:00 AM
Chloroform	ND	0.066	1.00		µg/L	1	10/9/2012 11:47:00 AM
Chloromethane	ND	0.072	1.00		µg/L	1	10/9/2012 11:47:00 AM
cis-1,2-Dichloroethene	0.750	0.066	1.00	J	µg/L	1	10/9/2012 11:47:00 AM
cis-1,3-Dichloropropene	ND	0.077	1.00		µg/L	1	10/9/2012 11:47:00 AM
Dibromochloromethane	ND	0.067	1.00		µg/L	1	10/9/2012 11:47:00 AM
Dibromomethane	ND	0.060	1.00		µg/L	1	10/9/2012 11:47:00 AM
Dichlorodifluoromethane	ND	0.082	1.00		µg/L	1	10/9/2012 11:47:00 AM
Ethylbenzene	0.190	0.049	1.00	J	µg/L	1	10/9/2012 11:47:00 AM
Hexachlorobutadiene	0.160	0.093	1.00	J	µg/L	1	10/9/2012 11:47:00 AM
Isopropylbenzene	ND	0.036	1.00		µg/L	1	10/9/2012 11:47:00 AM
m,p-Xylene	ND	0.186	2.00		µg/L	1	10/9/2012 11:47:00 AM
Methyl tert-butyl ether	ND	0.063	1.00		µg/L	1	10/9/2012 11:47:00 AM
Methylene chloride	ND	0.681	20.0		µg/L	1	10/9/2012 11:47:00 AM
Naphthalene	0.420	0.152	1.00	J	µg/L	1	10/9/2012 11:47:00 AM
n-Butylbenzene	0.110	0.061	1.00	J	µg/L	1	10/9/2012 11:47:00 AM
n-Propylbenzene	0.130	0.032	1.00	J	µg/L	1	10/9/2012 11:47:00 AM
o-Xylene	ND	0.031	1.00		µg/L	1	10/9/2012 11:47:00 AM
sec-Butylbenzene	ND	0.030	1.00		µg/L	1	10/9/2012 11:47:00 AM
Styrene	ND	0.028	1.00		µg/L	1	10/9/2012 11:47:00 AM
tert-Butylbenzene	ND	0.068	1.00		µg/L	1	10/9/2012 11:47:00 AM
Tetrachloroethene	128	0.067	1.00		µg/L	1	10/9/2012 11:47:00 AM
Toluene	0.150	0.057	1.00	J	µg/L	1	10/9/2012 11:47:00 AM
trans-1,2-Dichloroethene	0.260	0.083	1.00	J	µg/L	1	10/9/2012 11:47:00 AM
trans-1,3-Dichloropropene	ND	0.039	1.00		µg/L	1	10/9/2012 11:47:00 AM
Trichloroethene	150	0.087	1.00		µg/L	1	10/9/2012 11:47:00 AM
Trichlorofluoromethane	ND	0.085	1.00		µg/L	1	10/9/2012 11:47:00 AM
Vinyl chloride	0.190	0.155	1.00	J	µg/L	1	10/9/2012 11:47:00 AM
Surr: 1,2-Dichloroethane-d4	96.2	85.3-116			%REC	1	10/9/2012 11:47:00 AM
Surr: 4-Bromofluorobenzene	94.3	88.1-120			%REC	1	10/9/2012 11:47:00 AM
Surr: Dibromofluoromethane	97.8	94.2-122			%REC	1	10/9/2012 11:47:00 AM
Surr: Toluene-d8	100	86.2-135			%REC	1	10/9/2012 11:47:00 AM

Specialty Analytical

Date Reported: 31-Oct-12

CLIENT: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

Lab Order: 1210059

Lab ID: 1210059-003
Client Sample ID: MW01-100312

Collection Date: 10/3/2012 5:16:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1,1,2-Tetrachloroethane	ND	0.057	1.00		µg/L	1	10/9/2012 12:09:00 PM
1,1,1-Trichloroethane	ND	0.053	1.00		µg/L	1	10/9/2012 12:09:00 PM
1,1,2,2-Tetrachloroethane	0.150	0.148	1.00	J	µg/L	1	10/9/2012 12:09:00 PM
1,1,2-Trichloroethane	ND	0.204	1.00		µg/L	1	10/9/2012 12:09:00 PM
1,1-Dichloroethane	ND	0.085	1.00		µg/L	1	10/9/2012 12:09:00 PM
1,1-Dichloroethene	ND	0.096	1.00		µg/L	1	10/9/2012 12:09:00 PM
1,1-Dichloropropene	ND	0.065	1.00		µg/L	1	10/9/2012 12:09:00 PM
1,2,3-Trichlorobenzene	ND	0.118	1.00		µg/L	1	10/9/2012 12:09:00 PM
1,2,3-Trichloropropane	ND	0.167	1.00		µg/L	1	10/9/2012 12:09:00 PM
1,2,4-Trichlorobenzene	ND	0.087	1.00		µg/L	1	10/9/2012 12:09:00 PM
1,2,4-Trimethylbenzene	ND	0.152	1.00		µg/L	1	10/9/2012 12:09:00 PM
1,2-Dibromo-3-chloropropane	ND	0.373	1.00		µg/L	1	10/9/2012 12:09:00 PM
1,2-Dibromoethane	ND	0.108	1.00		µg/L	1	10/9/2012 12:09:00 PM
1,2-Dichlorobenzene	ND	0.054	1.00		µg/L	1	10/9/2012 12:09:00 PM
1,2-Dichloroethane	0.120	0.087	1.00	J	µg/L	1	10/9/2012 12:09:00 PM
1,2-Dichloropropane	ND	0.096	1.00		µg/L	1	10/9/2012 12:09:00 PM
1,3,5-Trimethylbenzene	ND	0.031	1.00		µg/L	1	10/9/2012 12:09:00 PM
1,3-Dichlorobenzene	ND	0.066	1.00		µg/L	1	10/9/2012 12:09:00 PM
1,3-Dichloropropane	ND	0.067	1.00		µg/L	1	10/9/2012 12:09:00 PM
1,4-Dichlorobenzene	0.110	0.038	1.00	J	µg/L	1	10/9/2012 12:09:00 PM
2,2-Dichloropropane	ND	0.088	1.00		µg/L	1	10/9/2012 12:09:00 PM
2-Butanone	ND	0.333	10.0		µg/L	1	10/9/2012 12:09:00 PM
2-Chlorotoluene	ND	0.025	1.00		µg/L	1	10/9/2012 12:09:00 PM
2-Hexanone	ND	0.214	10.0		µg/L	1	10/9/2012 12:09:00 PM
4-Chlorotoluene	ND	0.121	1.00		µg/L	1	10/9/2012 12:09:00 PM
4-Isopropyltoluene	ND	0.024	1.00		µg/L	1	10/9/2012 12:09:00 PM
4-Methyl-2-pentanone	ND	0.435	20.0		µg/L	1	10/9/2012 12:09:00 PM
Acetone	1.57	0.559	50.0	J	µg/L	1	10/9/2012 12:09:00 PM
Acrylonitrile	ND	0.059	5.00		µg/L	1	10/9/2012 12:09:00 PM
Benzene	0.100	0.031	0.300	J	µg/L	1	10/9/2012 12:09:00 PM
Bromobenzene	ND	0.059	1.00		µg/L	1	10/9/2012 12:09:00 PM
Bromochloromethane	ND	0.130	1.00		µg/L	1	10/9/2012 12:09:00 PM
Bromodichloromethane	ND	0.055	1.00		µg/L	1	10/9/2012 12:09:00 PM
Bromoform	0.190	0.061	1.00	J	µg/L	1	10/9/2012 12:09:00 PM
Bromomethane	ND	0.486	1.00		µg/L	1	10/9/2012 12:09:00 PM
Carbon disulfide	ND	0.058	2.00		µg/L	1	10/9/2012 12:09:00 PM
Carbon tetrachloride	ND	0.073	1.00		µg/L	1	10/9/2012 12:09:00 PM
Chlorobenzene	ND	0.070	1.00		µg/L	1	10/9/2012 12:09:00 PM

Specialty Analytical

Date Reported: 31-Oct-12

CLIENT: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

Lab Order: 1210059

VOLATILE ORGANICS BY GC/MS

SW8260B

Analyst: ep

Chloroethane	ND	0.203	1.00		µg/L	1	10/9/2012 12:09:00 PM
Chloroform	ND	0.066	1.00		µg/L	1	10/9/2012 12:09:00 PM
Chloromethane	ND	0.072	1.00		µg/L	1	10/9/2012 12:09:00 PM
cis-1,2-Dichloroethene	0.100	0.066	1.00	J	µg/L	1	10/9/2012 12:09:00 PM
cis-1,3-Dichloropropene	ND	0.077	1.00		µg/L	1	10/9/2012 12:09:00 PM
Dibromochloromethane	ND	0.067	1.00		µg/L	1	10/9/2012 12:09:00 PM
Dibromomethane	ND	0.060	1.00		µg/L	1	10/9/2012 12:09:00 PM
Dichlorodifluoromethane	ND	0.082	1.00		µg/L	1	10/9/2012 12:09:00 PM
Ethylbenzene	ND	0.049	1.00		µg/L	1	10/9/2012 12:09:00 PM
Hexachlorobutadiene	ND	0.093	1.00		µg/L	1	10/9/2012 12:09:00 PM
Isopropylbenzene	ND	0.036	1.00		µg/L	1	10/9/2012 12:09:00 PM
m,p-Xylene	ND	0.186	2.00		µg/L	1	10/9/2012 12:09:00 PM
Methyl tert-butyl ether	ND	0.063	1.00		µg/L	1	10/9/2012 12:09:00 PM
Methylene chloride	ND	0.681	20.0		µg/L	1	10/9/2012 12:09:00 PM
Naphthalene	0.290	0.152	1.00	J	µg/L	1	10/9/2012 12:09:00 PM
n-Butylbenzene	ND	0.061	1.00		µg/L	1	10/9/2012 12:09:00 PM
n-Propylbenzene	ND	0.032	1.00		µg/L	1	10/9/2012 12:09:00 PM
o-Xylene	ND	0.031	1.00		µg/L	1	10/9/2012 12:09:00 PM
sec-Butylbenzene	ND	0.030	1.00		µg/L	1	10/9/2012 12:09:00 PM
Styrene	ND	0.028	1.00		µg/L	1	10/9/2012 12:09:00 PM
tert-Butylbenzene	ND	0.068	1.00		µg/L	1	10/9/2012 12:09:00 PM
Tetrachloroethene	11.2	0.067	1.00		µg/L	1	10/9/2012 12:09:00 PM
Toluene	ND	0.057	1.00		µg/L	1	10/9/2012 12:09:00 PM
trans-1,2-Dichloroethene	ND	0.083	1.00		µg/L	1	10/9/2012 12:09:00 PM
trans-1,3-Dichloropropene	ND	0.039	1.00		µg/L	1	10/9/2012 12:09:00 PM
Trichloroethene	1.00	0.087	1.00		µg/L	1	10/9/2012 12:09:00 PM
Trichlorofluoromethane	ND	0.085	1.00		µg/L	1	10/9/2012 12:09:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	10/9/2012 12:09:00 PM
Surr: 1,2-Dichloroethane-d4	95.6		85.3-116		%REC	1	10/9/2012 12:09:00 PM
Surr: 4-Bromofluorobenzene	96.6		88.1-120		%REC	1	10/9/2012 12:09:00 PM
Surr: Dibromofluoromethane	98.0		94.2-122		%REC	1	10/9/2012 12:09:00 PM
Surr: Toluene-d8	104		86.2-135		%REC	1	10/9/2012 12:09:00 PM

Specialty Analytical

Date Reported: 31-Oct-12

CLIENT: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

Lab Order: 1210059

Lab ID: 1210059-004
Client Sample ID: MW05-100412

Collection Date: 10/4/2012 9:15:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1,1,2-Tetrachloroethane	0.390	0.057	1.00	J	µg/L	1	10/9/2012 12:32:00 PM
1,1,1-Trichloroethane	ND	0.053	1.00		µg/L	1	10/9/2012 12:32:00 PM
1,1,2,2-Tetrachloroethane	ND	0.148	1.00		µg/L	1	10/9/2012 12:32:00 PM
1,1,2-Trichloroethane	ND	0.204	1.00		µg/L	1	10/9/2012 12:32:00 PM
1,1-Dichloroethane	ND	0.085	1.00		µg/L	1	10/9/2012 12:32:00 PM
1,1-Dichloroethene	ND	0.096	1.00		µg/L	1	10/9/2012 12:32:00 PM
1,1-Dichloropropene	ND	0.065	1.00		µg/L	1	10/9/2012 12:32:00 PM
1,2,3-Trichlorobenzene	ND	0.118	1.00		µg/L	1	10/9/2012 12:32:00 PM
1,2,3-Trichloropropane	ND	0.167	1.00		µg/L	1	10/9/2012 12:32:00 PM
1,2,4-Trichlorobenzene	ND	0.087	1.00		µg/L	1	10/9/2012 12:32:00 PM
1,2,4-Trimethylbenzene	ND	0.152	1.00		µg/L	1	10/9/2012 12:32:00 PM
1,2-Dibromo-3-chloropropane	ND	0.373	1.00		µg/L	1	10/9/2012 12:32:00 PM
1,2-Dibromoethane	ND	0.108	1.00		µg/L	1	10/9/2012 12:32:00 PM
1,2-Dichlorobenzene	ND	0.054	1.00		µg/L	1	10/9/2012 12:32:00 PM
1,2-Dichloroethane	0.100	0.087	1.00	J	µg/L	1	10/9/2012 12:32:00 PM
1,2-Dichloropropane	ND	0.096	1.00		µg/L	1	10/9/2012 12:32:00 PM
1,3,5-Trimethylbenzene	ND	0.031	1.00		µg/L	1	10/9/2012 12:32:00 PM
1,3-Dichlorobenzene	ND	0.066	1.00		µg/L	1	10/9/2012 12:32:00 PM
1,3-Dichloropropane	ND	0.067	1.00		µg/L	1	10/9/2012 12:32:00 PM
1,4-Dichlorobenzene	0.120	0.038	1.00	J	µg/L	1	10/9/2012 12:32:00 PM
2,2-Dichloropropane	ND	0.088	1.00		µg/L	1	10/9/2012 12:32:00 PM
2-Butanone	ND	0.333	10.0		µg/L	1	10/9/2012 12:32:00 PM
2-Chlorotoluene	ND	0.025	1.00		µg/L	1	10/9/2012 12:32:00 PM
2-Hexanone	ND	0.214	10.0		µg/L	1	10/9/2012 12:32:00 PM
4-Chlorotoluene	ND	0.121	1.00		µg/L	1	10/9/2012 12:32:00 PM
4-Isopropyltoluene	ND	0.024	1.00		µg/L	1	10/9/2012 12:32:00 PM
4-Methyl-2-pentanone	ND	0.435	20.0		µg/L	1	10/9/2012 12:32:00 PM
Acetone	2.10	0.559	50.0	J	µg/L	1	10/9/2012 12:32:00 PM
Acrylonitrile	ND	0.059	5.00		µg/L	1	10/9/2012 12:32:00 PM
Benzene	0.160	0.031	0.300	J	µg/L	1	10/9/2012 12:32:00 PM
Bromobenzene	ND	0.059	1.00		µg/L	1	10/9/2012 12:32:00 PM
Bromochloromethane	ND	0.130	1.00		µg/L	1	10/9/2012 12:32:00 PM
Bromodichloromethane	0.140	0.055	1.00	J	µg/L	1	10/9/2012 12:32:00 PM
Bromoform	0.220	0.061	1.00	J	µg/L	1	10/9/2012 12:32:00 PM
Bromomethane	0.570	0.486	1.00	J	µg/L	1	10/9/2012 12:32:00 PM
Carbon disulfide	ND	0.058	2.00		µg/L	1	10/9/2012 12:32:00 PM
Carbon tetrachloride	ND	0.073	1.00		µg/L	1	10/9/2012 12:32:00 PM
Chlorobenzene	ND	0.070	1.00		µg/L	1	10/9/2012 12:32:00 PM

Specialty Analytical

Date Reported: 31-Oct-12

CLIENT: Maul Foster & Alongi
 Project: Park Laundry-URIC / 8006.31.02

Lab Order: 1210059

VOLATILE ORGANICS BY GC/MS

SW8260B

Analyst: ep

Chloroethane	ND	0.203	1.00		µg/L	1	10/9/2012 12:32:00 PM
Chloroform	0.430	0.066	1.00	J	µg/L	1	10/9/2012 12:32:00 PM
Chloromethane	ND	0.072	1.00		µg/L	1	10/9/2012 12:32:00 PM
cis-1,2-Dichloroethene	0.270	0.066	1.00	J	µg/L	1	10/9/2012 12:32:00 PM
cis-1,3-Dichloropropene	ND	0.077	1.00		µg/L	1	10/9/2012 12:32:00 PM
Dibromochloromethane	ND	0.067	1.00		µg/L	1	10/9/2012 12:32:00 PM
Dibromomethane	ND	0.060	1.00		µg/L	1	10/9/2012 12:32:00 PM
Dichlorodifluoromethane	ND	0.082	1.00		µg/L	1	10/9/2012 12:32:00 PM
Ethylbenzene	ND	0.049	1.00		µg/L	1	10/9/2012 12:32:00 PM
Hexachlorobutadiene	ND	0.093	1.00		µg/L	1	10/9/2012 12:32:00 PM
Isopropylbenzene	ND	0.036	1.00		µg/L	1	10/9/2012 12:32:00 PM
m,p-Xylene	ND	0.186	2.00		µg/L	1	10/9/2012 12:32:00 PM
Methyl tert-butyl ether	ND	0.063	1.00		µg/L	1	10/9/2012 12:32:00 PM
Methylene chloride	ND	0.681	20.0		µg/L	1	10/9/2012 12:32:00 PM
Naphthalene	0.260	0.152	1.00	J	µg/L	1	10/9/2012 12:32:00 PM
n-Butylbenzene	ND	0.061	1.00		µg/L	1	10/9/2012 12:32:00 PM
n-Propylbenzene	ND	0.032	1.00		µg/L	1	10/9/2012 12:32:00 PM
o-Xylene	ND	0.031	1.00		µg/L	1	10/9/2012 12:32:00 PM
sec-Butylbenzene	ND	0.030	1.00		µg/L	1	10/9/2012 12:32:00 PM
Styrene	ND	0.028	1.00		µg/L	1	10/9/2012 12:32:00 PM
tert-Butylbenzene	ND	0.068	1.00		µg/L	1	10/9/2012 12:32:00 PM
Tetrachloroethene	2400	1.34	20.0		µg/L	20	10/10/2012 11:16:00 A
Toluene	0.130	0.057	1.00	J	µg/L	1	10/9/2012 12:32:00 PM
trans-1,2-Dichloroethene	0.160	0.083	1.00	J	µg/L	1	10/9/2012 12:32:00 PM
trans-1,3-Dichloropropene	ND	0.039	1.00		µg/L	1	10/9/2012 12:32:00 PM
Trichloroethene	2.63	0.087	1.00		µg/L	1	10/9/2012 12:32:00 PM
Trichlorofluoromethane	ND	0.085	1.00		µg/L	1	10/9/2012 12:32:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	10/9/2012 12:32:00 PM
Surr: 1,2-Dichloroethane-d4	95.7	85.3-116			%REC	1	10/9/2012 12:32:00 PM
Surr: 4-Bromofluorobenzene	95.2	88.1-120			%REC	1	10/9/2012 12:32:00 PM
Surr: Dibromofluoromethane	98.2	94.2-122			%REC	1	10/9/2012 12:32:00 PM
Surr: Toluene-d8	101	86.2-135			%REC	1	10/9/2012 12:32:00 PM

Specialty Analytical

Date Reported: 31-Oct-12

CLIENT: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

Lab Order: 1210059

Lab ID: 1210059-005
Client Sample ID: MWDUP-100412

Collection Date: 10/4/2012 8:00:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1,1,2-Tetrachloroethane	0.230	0.057	1.00	J	µg/L	1	10/9/2012 12:55:00 PM
1,1,1-Trichloroethane	ND	0.053	1.00		µg/L	1	10/9/2012 12:55:00 PM
1,1,2,2-Tetrachloroethane	0.160	0.148	1.00	J	µg/L	1	10/9/2012 12:55:00 PM
1,1,2-Trichloroethane	ND	0.204	1.00		µg/L	1	10/9/2012 12:55:00 PM
1,1-Dichloroethane	ND	0.085	1.00		µg/L	1	10/9/2012 12:55:00 PM
1,1-Dichloroethene	ND	0.096	1.00		µg/L	1	10/9/2012 12:55:00 PM
1,1-Dichloropropene	ND	0.065	1.00		µg/L	1	10/9/2012 12:55:00 PM
1,2,3-Trichlorobenzene	ND	0.118	1.00		µg/L	1	10/9/2012 12:55:00 PM
1,2,3-Trichloropropane	ND	0.167	1.00		µg/L	1	10/9/2012 12:55:00 PM
1,2,4-Trichlorobenzene	ND	0.087	1.00		µg/L	1	10/9/2012 12:55:00 PM
1,2,4-Trimethylbenzene	ND	0.152	1.00		µg/L	1	10/9/2012 12:55:00 PM
1,2-Dibromo-3-chloropropane	ND	0.373	1.00		µg/L	1	10/9/2012 12:55:00 PM
1,2-Dibromoethane	ND	0.108	1.00		µg/L	1	10/9/2012 12:55:00 PM
1,2-Dichlorobenzene	ND	0.054	1.00		µg/L	1	10/9/2012 12:55:00 PM
1,2-Dichloroethane	0.110	0.087	1.00	J	µg/L	1	10/9/2012 12:55:00 PM
1,2-Dichloropropane	ND	0.096	1.00		µg/L	1	10/9/2012 12:55:00 PM
1,3,5-Trimethylbenzene	ND	0.031	1.00		µg/L	1	10/9/2012 12:55:00 PM
1,3-Dichlorobenzene	ND	0.066	1.00		µg/L	1	10/9/2012 12:55:00 PM
1,3-Dichloropropane	ND	0.067	1.00		µg/L	1	10/9/2012 12:55:00 PM
1,4-Dichlorobenzene	0.100	0.038	1.00	J	µg/L	1	10/9/2012 12:55:00 PM
2,2-Dichloropropane	ND	0.088	1.00		µg/L	1	10/9/2012 12:55:00 PM
2-Butanone	ND	0.333	10.0		µg/L	1	10/9/2012 12:55:00 PM
2-Chlorotoluene	ND	0.025	1.00		µg/L	1	10/9/2012 12:55:00 PM
2-Hexanone	ND	0.214	10.0		µg/L	1	10/9/2012 12:55:00 PM
4-Chlorotoluene	ND	0.121	1.00		µg/L	1	10/9/2012 12:55:00 PM
4-Isopropyltoluene	ND	0.024	1.00		µg/L	1	10/9/2012 12:55:00 PM
4-Methyl-2-pentanone	ND	0.435	20.0		µg/L	1	10/9/2012 12:55:00 PM
Acetone	3.18	0.559	50.0	J	µg/L	1	10/9/2012 12:55:00 PM
Acrylonitrile	ND	0.059	5.00		µg/L	1	10/9/2012 12:55:00 PM
Benzene	0.160	0.031	0.300	J	µg/L	1	10/9/2012 12:55:00 PM
Bromobenzene	ND	0.059	1.00		µg/L	1	10/9/2012 12:55:00 PM
Bromochloromethane	ND	0.130	1.00		µg/L	1	10/9/2012 12:55:00 PM
Bromodichloromethane	0.130	0.055	1.00	J	µg/L	1	10/9/2012 12:55:00 PM
Bromoform	0.160	0.061	1.00	J	µg/L	1	10/9/2012 12:55:00 PM
Bromomethane	0.630	0.486	1.00	J	µg/L	1	10/9/2012 12:55:00 PM
Carbon disulfide	ND	0.058	2.00		µg/L	1	10/9/2012 12:55:00 PM
Carbon tetrachloride	ND	0.073	1.00		µg/L	1	10/9/2012 12:55:00 PM
Chlorobenzene	ND	0.070	1.00		µg/L	1	10/9/2012 12:55:00 PM

Specialty Analytical

Date Reported: 31-Oct-12

CLIENT: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

Lab Order: 1210059

VOLATILE ORGANICS BY GC/MS

SW8260B

Analyst: ep

Chloroethane	ND	0.203	1.00		µg/L	1	10/9/2012 12:55:00 PM
Chloroform	0.440	0.066	1.00	J	µg/L	1	10/9/2012 12:55:00 PM
Chloromethane	ND	0.072	1.00		µg/L	1	10/9/2012 12:55:00 PM
cis-1,2-Dichloroethene	0.240	0.066	1.00	J	µg/L	1	10/9/2012 12:55:00 PM
cis-1,3-Dichloropropene	ND	0.077	1.00		µg/L	1	10/9/2012 12:55:00 PM
Dibromochloromethane	ND	0.067	1.00		µg/L	1	10/9/2012 12:55:00 PM
Dibromomethane	ND	0.060	1.00		µg/L	1	10/9/2012 12:55:00 PM
Dichlorodifluoromethane	ND	0.082	1.00		µg/L	1	10/9/2012 12:55:00 PM
Ethylbenzene	ND	0.049	1.00		µg/L	1	10/9/2012 12:55:00 PM
Hexachlorobutadiene	ND	0.093	1.00		µg/L	1	10/9/2012 12:55:00 PM
Isopropylbenzene	ND	0.036	1.00		µg/L	1	10/9/2012 12:55:00 PM
m,p-Xylene	ND	0.186	2.00		µg/L	1	10/9/2012 12:55:00 PM
Methyl tert-butyl ether	ND	0.063	1.00		µg/L	1	10/9/2012 12:55:00 PM
Methylene chloride	ND	0.681	20.0		µg/L	1	10/9/2012 12:55:00 PM
Naphthalene	0.200	0.152	1.00	J	µg/L	1	10/9/2012 12:55:00 PM
n-Butylbenzene	ND	0.061	1.00		µg/L	1	10/9/2012 12:55:00 PM
n-Propylbenzene	ND	0.032	1.00		µg/L	1	10/9/2012 12:55:00 PM
o-Xylene	ND	0.031	1.00		µg/L	1	10/9/2012 12:55:00 PM
sec-Butylbenzene	ND	0.030	1.00		µg/L	1	10/9/2012 12:55:00 PM
Styrene	ND	0.028	1.00		µg/L	1	10/9/2012 12:55:00 PM
tert-Butylbenzene	ND	0.068	1.00		µg/L	1	10/9/2012 12:55:00 PM
Tetrachloroethene	1400	0.672	10.0		µg/L	10	10/10/2012 10:30:00 A
Toluene	0.250	0.057	1.00	J	µg/L	1	10/9/2012 12:55:00 PM
trans-1,2-Dichloroethene	0.170	0.083	1.00	J	µg/L	1	10/9/2012 12:55:00 PM
trans-1,3-Dichloropropene	ND	0.039	1.00		µg/L	1	10/9/2012 12:55:00 PM
Trichloroethene	2.44	0.087	1.00		µg/L	1	10/9/2012 12:55:00 PM
Trichlorofluoromethane	ND	0.085	1.00		µg/L	1	10/9/2012 12:55:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	10/9/2012 12:55:00 PM
Surr: 1,2-Dichloroethane-d4	99.0		85.3-116		%REC	1	10/9/2012 12:55:00 PM
Surr: 4-Bromofluorobenzene	93.8		88.1-120		%REC	1	10/9/2012 12:55:00 PM
Surr: Dibromofluoromethane	97.8		94.2-122		%REC	1	10/9/2012 12:55:00 PM
Surr: Toluene-d8	100		86.2-135		%REC	1	10/9/2012 12:55:00 PM

Specialty Analytical

Date Reported: 31-Oct-12

CLIENT: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

Lab Order: 1210059

Lab ID: 1210059-006
Client Sample ID: MW06-100412

Collection Date: 10/4/2012 12:22:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1,1,2-Tetrachloroethane	ND	0.057	1.00		µg/L	1	10/10/2012 9:44:00 AM
1,1,1-Trichloroethane	ND	0.053	1.00		µg/L	1	10/10/2012 9:44:00 AM
1,1,2,2-Tetrachloroethane	0.150	0.148	1.00	J	µg/L	1	10/10/2012 9:44:00 AM
1,1,2-Trichloroethane	ND	0.204	1.00		µg/L	1	10/10/2012 9:44:00 AM
1,1-Dichloroethane	ND	0.085	1.00		µg/L	1	10/10/2012 9:44:00 AM
1,1-Dichloroethene	0.130	0.096	1.00	J	µg/L	1	10/10/2012 9:44:00 AM
1,1-Dichloropropene	0.110	0.065	1.00	J	µg/L	1	10/10/2012 9:44:00 AM
1,2,3-Trichlorobenzene	0.260	0.118	1.00	J	µg/L	1	10/10/2012 9:44:00 AM
1,2,3-Trichloropropane	ND	0.167	1.00		µg/L	1	10/10/2012 9:44:00 AM
1,2,4-Trichlorobenzene	0.220	0.087	1.00	J	µg/L	1	10/10/2012 9:44:00 AM
1,2,4-Trimethylbenzene	ND	0.152	1.00		µg/L	1	10/10/2012 9:44:00 AM
1,2-Dibromo-3-chloropropane	ND	0.373	1.00		µg/L	1	10/10/2012 9:44:00 AM
1,2-Dibromoethane	ND	0.108	1.00		µg/L	1	10/10/2012 9:44:00 AM
1,2-Dichlorobenzene	0.110	0.054	1.00	J	µg/L	1	10/10/2012 9:44:00 AM
1,2-Dichloroethane	ND	0.087	1.00		µg/L	1	10/10/2012 9:44:00 AM
1,2-Dichloropropane	ND	0.096	1.00		µg/L	1	10/10/2012 9:44:00 AM
1,3,5-Trimethylbenzene	ND	0.031	1.00		µg/L	1	10/10/2012 9:44:00 AM
1,3-Dichlorobenzene	0.120	0.066	1.00	J	µg/L	1	10/10/2012 9:44:00 AM
1,3-Dichloropropane	ND	0.067	1.00		µg/L	1	10/10/2012 9:44:00 AM
1,4-Dichlorobenzene	0.260	0.038	1.00	J	µg/L	1	10/10/2012 9:44:00 AM
2,2-Dichloropropane	ND	0.088	1.00		µg/L	1	10/10/2012 9:44:00 AM
2-Butanone	ND	0.333	10.0		µg/L	1	10/10/2012 9:44:00 AM
2-Chlorotoluene	ND	0.025	1.00		µg/L	1	10/10/2012 9:44:00 AM
2-Hexanone	ND	0.214	10.0		µg/L	1	10/10/2012 9:44:00 AM
4-Chlorotoluene	ND	0.121	1.00		µg/L	1	10/10/2012 9:44:00 AM
4-Isopropyltoluene	ND	0.024	1.00		µg/L	1	10/10/2012 9:44:00 AM
4-Methyl-2-pentanone	ND	0.435	20.0		µg/L	1	10/10/2012 9:44:00 AM
Acetone	2.78	0.559	50.0	J	µg/L	1	10/10/2012 9:44:00 AM
Acrylonitrile	ND	0.059	5.00		µg/L	1	10/10/2012 9:44:00 AM
Benzene	0.200	0.031	0.300	J	µg/L	1	10/10/2012 9:44:00 AM
Bromobenzene	ND	0.059	1.00		µg/L	1	10/10/2012 9:44:00 AM
Bromochloromethane	ND	0.130	1.00		µg/L	1	10/10/2012 9:44:00 AM
Bromodichloromethane	ND	0.055	1.00		µg/L	1	10/10/2012 9:44:00 AM
Bromoform	0.230	0.061	1.00	J	µg/L	1	10/10/2012 9:44:00 AM
Bromomethane	0.900	0.486	1.00	J	µg/L	1	10/10/2012 9:44:00 AM
Carbon disulfide	0.490	0.058	2.00	J	µg/L	1	10/10/2012 9:44:00 AM
Carbon tetrachloride	ND	0.073	1.00		µg/L	1	10/10/2012 9:44:00 AM
Chlorobenzene	ND	0.070	1.00		µg/L	1	10/10/2012 9:44:00 AM

Specialty Analytical

Date Reported: 31-Oct-12

CLIENT: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

Lab Order: 1210059

VOLATILE ORGANICS BY GC/MS

SW8260B

Analyst: ep

Chloroethane	0.650	0.203	1.00	J	µg/L	1	10/10/2012 9:44:00 AM
Chloroform	ND	0.066	1.00		µg/L	1	10/10/2012 9:44:00 AM
Chloromethane	ND	0.072	1.00		µg/L	1	10/10/2012 9:44:00 AM
cis-1,2-Dichloroethene	0.960	0.066	1.00	J	µg/L	1	10/10/2012 9:44:00 AM
cis-1,3-Dichloropropene	ND	0.077	1.00		µg/L	1	10/10/2012 9:44:00 AM
Dibromochloromethane	ND	0.067	1.00		µg/L	1	10/10/2012 9:44:00 AM
Dibromomethane	ND	0.060	1.00		µg/L	1	10/10/2012 9:44:00 AM
Dichlorodifluoromethane	ND	0.082	1.00		µg/L	1	10/10/2012 9:44:00 AM
Ethylbenzene	0.130	0.049	1.00	J	µg/L	1	10/10/2012 9:44:00 AM
Hexachlorobutadiene	0.270	0.093	1.00	J	µg/L	1	10/10/2012 9:44:00 AM
Isopropylbenzene	ND	0.036	1.00		µg/L	1	10/10/2012 9:44:00 AM
m,p-Xylene	ND	0.186	2.00		µg/L	1	10/10/2012 9:44:00 AM
Methyl tert-butyl ether	ND	0.063	1.00		µg/L	1	10/10/2012 9:44:00 AM
Methylene chloride	ND	0.681	20.0		µg/L	1	10/10/2012 9:44:00 AM
Naphthalene	0.750	0.152	1.00	J	µg/L	1	10/10/2012 9:44:00 AM
n-Butylbenzene	0.170	0.061	1.00	J	µg/L	1	10/10/2012 9:44:00 AM
n-Propylbenzene	0.140	0.032	1.00	J	µg/L	1	10/10/2012 9:44:00 AM
o-Xylene	ND	0.031	1.00		µg/L	1	10/10/2012 9:44:00 AM
sec-Butylbenzene	ND	0.030	1.00		µg/L	1	10/10/2012 9:44:00 AM
Styrene	ND	0.028	1.00		µg/L	1	10/10/2012 9:44:00 AM
tert-Butylbenzene	ND	0.068	1.00		µg/L	1	10/10/2012 9:44:00 AM
Tetrachloroethene	4.31	0.067	1.00		µg/L	1	10/10/2012 9:44:00 AM
Toluene	0.150	0.057	1.00	J	µg/L	1	10/10/2012 9:44:00 AM
trans-1,2-Dichloroethene	0.370	0.083	1.00	J	µg/L	1	10/10/2012 9:44:00 AM
trans-1,3-Dichloropropene	ND	0.039	1.00		µg/L	1	10/10/2012 9:44:00 AM
Trichloroethene	6.26	0.087	1.00		µg/L	1	10/10/2012 9:44:00 AM
Trichlorofluoromethane	ND	0.085	1.00		µg/L	1	10/10/2012 9:44:00 AM
Vinyl chloride	ND	0.155	1.00		µg/L	1	10/10/2012 9:44:00 AM
Surr: 1,2-Dichloroethane-d4	99.0	85.3-116			%REC	1	10/10/2012 9:44:00 AM
Surr: 4-Bromofluorobenzene	95.4	88.1-120			%REC	1	10/10/2012 9:44:00 AM
Surr: Dibromofluoromethane	101	94.2-122			%REC	1	10/10/2012 9:44:00 AM
Surr: Toluene-d8	104	86.2-135			%REC	1	10/10/2012 9:44:00 AM

Specialty Analytical

Date Reported: 31-Oct-12

CLIENT: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

Lab Order: 1210059

Lab ID: 1210059-007
Client Sample ID: MW07-100412

Collection Date: 10/4/2012 2:10:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1,1,2-Tetrachloroethane	ND	0.057	1.00		µg/L	1	10/9/2012 1:41:00 PM
1,1,1-Trichloroethane	ND	0.053	1.00		µg/L	1	10/9/2012 1:41:00 PM
1,1,2,2-Tetrachloroethane	0.160	0.148	1.00	J	µg/L	1	10/9/2012 1:41:00 PM
1,1,2-Trichloroethane	ND	0.204	1.00		µg/L	1	10/9/2012 1:41:00 PM
1,1-Dichloroethane	ND	0.085	1.00		µg/L	1	10/9/2012 1:41:00 PM
1,1-Dichloroethene	ND	0.096	1.00		µg/L	1	10/9/2012 1:41:00 PM
1,1-Dichloropropene	ND	0.065	1.00		µg/L	1	10/9/2012 1:41:00 PM
1,2,3-Trichlorobenzene	ND	0.118	1.00		µg/L	1	10/9/2012 1:41:00 PM
1,2,3-Trichloropropane	ND	0.167	1.00		µg/L	1	10/9/2012 1:41:00 PM
1,2,4-Trichlorobenzene	ND	0.087	1.00		µg/L	1	10/9/2012 1:41:00 PM
1,2,4-Trimethylbenzene	ND	0.152	1.00		µg/L	1	10/9/2012 1:41:00 PM
1,2-Dibromo-3-chloropropane	ND	0.373	1.00		µg/L	1	10/9/2012 1:41:00 PM
1,2-Dibromoethane	ND	0.108	1.00		µg/L	1	10/9/2012 1:41:00 PM
1,2-Dichlorobenzene	ND	0.054	1.00		µg/L	1	10/9/2012 1:41:00 PM
1,2-Dichloroethane	0.140	0.087	1.00	J	µg/L	1	10/9/2012 1:41:00 PM
1,2-Dichloropropane	ND	0.096	1.00		µg/L	1	10/9/2012 1:41:00 PM
1,3,5-Trimethylbenzene	ND	0.031	1.00		µg/L	1	10/9/2012 1:41:00 PM
1,3-Dichlorobenzene	ND	0.066	1.00		µg/L	1	10/9/2012 1:41:00 PM
1,3-Dichloropropane	ND	0.067	1.00		µg/L	1	10/9/2012 1:41:00 PM
1,4-Dichlorobenzene	ND	0.038	1.00		µg/L	1	10/9/2012 1:41:00 PM
2,2-Dichloropropane	ND	0.088	1.00		µg/L	1	10/9/2012 1:41:00 PM
2-Butanone	ND	0.333	10.0		µg/L	1	10/9/2012 1:41:00 PM
2-Chlorotoluene	ND	0.025	1.00		µg/L	1	10/9/2012 1:41:00 PM
2-Hexanone	ND	0.214	10.0		µg/L	1	10/9/2012 1:41:00 PM
4-Chlorotoluene	ND	0.121	1.00		µg/L	1	10/9/2012 1:41:00 PM
4-Isopropyltoluene	ND	0.024	1.00		µg/L	1	10/9/2012 1:41:00 PM
4-Methyl-2-pentanone	ND	0.435	20.0		µg/L	1	10/9/2012 1:41:00 PM
Acetone	2.47	0.559	50.0	J	µg/L	1	10/9/2012 1:41:00 PM
Acrylonitrile	ND	0.059	5.00		µg/L	1	10/9/2012 1:41:00 PM
Benzene	0.110	0.031	0.300	J	µg/L	1	10/9/2012 1:41:00 PM
Bromobenzene	ND	0.059	1.00		µg/L	1	10/9/2012 1:41:00 PM
Bromochloromethane	ND	0.130	1.00		µg/L	1	10/9/2012 1:41:00 PM
Bromodichloromethane	ND	0.055	1.00		µg/L	1	10/9/2012 1:41:00 PM
Bromoform	0.200	0.061	1.00	J	µg/L	1	10/9/2012 1:41:00 PM
Bromomethane	ND	0.486	1.00		µg/L	1	10/9/2012 1:41:00 PM
Carbon disulfide	0.240	0.058	2.00	J	µg/L	1	10/9/2012 1:41:00 PM
Carbon tetrachloride	ND	0.073	1.00		µg/L	1	10/9/2012 1:41:00 PM
Chlorobenzene	ND	0.070	1.00		µg/L	1	10/9/2012 1:41:00 PM

Specialty Analytical

Date Reported: 31-Oct-12

CLIENT: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

Lab Order: 1210059

VOLATILE ORGANICS BY GC/MS

SW8260B

Analyst: ep

Chloroethane	ND	0.203	1.00		µg/L	1	10/9/2012 1:41:00 PM
Chloroform	ND	0.066	1.00		µg/L	1	10/9/2012 1:41:00 PM
Chloromethane	ND	0.072	1.00		µg/L	1	10/9/2012 1:41:00 PM
cis-1,2-Dichloroethene	0.130	0.066	1.00	J	µg/L	1	10/9/2012 1:41:00 PM
cis-1,3-Dichloropropene	ND	0.077	1.00		µg/L	1	10/9/2012 1:41:00 PM
Dibromochloromethane	0.140	0.067	1.00	J	µg/L	1	10/9/2012 1:41:00 PM
Dibromomethane	ND	0.060	1.00		µg/L	1	10/9/2012 1:41:00 PM
Dichlorodifluoromethane	ND	0.082	1.00		µg/L	1	10/9/2012 1:41:00 PM
Ethylbenzene	ND	0.049	1.00		µg/L	1	10/9/2012 1:41:00 PM
Hexachlorobutadiene	ND	0.093	1.00		µg/L	1	10/9/2012 1:41:00 PM
Isopropylbenzene	ND	0.036	1.00		µg/L	1	10/9/2012 1:41:00 PM
m,p-Xylene	ND	0.186	2.00		µg/L	1	10/9/2012 1:41:00 PM
Methyl tert-butyl ether	ND	0.063	1.00		µg/L	1	10/9/2012 1:41:00 PM
Methylene chloride	ND	0.681	20.0		µg/L	1	10/9/2012 1:41:00 PM
Naphthalene	0.170	0.152	1.00	J	µg/L	1	10/9/2012 1:41:00 PM
n-Butylbenzene	ND	0.061	1.00		µg/L	1	10/9/2012 1:41:00 PM
n-Propylbenzene	ND	0.032	1.00		µg/L	1	10/9/2012 1:41:00 PM
o-Xylene	ND	0.031	1.00		µg/L	1	10/9/2012 1:41:00 PM
sec-Butylbenzene	ND	0.030	1.00		µg/L	1	10/9/2012 1:41:00 PM
Styrene	ND	0.028	1.00		µg/L	1	10/9/2012 1:41:00 PM
tert-Butylbenzene	ND	0.068	1.00		µg/L	1	10/9/2012 1:41:00 PM
Tetrachloroethene	50.5	0.067	1.00		µg/L	1	10/9/2012 1:41:00 PM
Toluene	ND	0.057	1.00		µg/L	1	10/9/2012 1:41:00 PM
trans-1,2-Dichloroethene	ND	0.083	1.00		µg/L	1	10/9/2012 1:41:00 PM
trans-1,3-Dichloropropene	ND	0.039	1.00		µg/L	1	10/9/2012 1:41:00 PM
Trichloroethene	0.100	0.087	1.00	J	µg/L	1	10/9/2012 1:41:00 PM
Trichlorofluoromethane	ND	0.085	1.00		µg/L	1	10/9/2012 1:41:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	10/9/2012 1:41:00 PM
Surr: 1,2-Dichloroethane-d4	96.4		85.3-116		%REC	1	10/9/2012 1:41:00 PM
Surr: 4-Bromofluorobenzene	96.7		88.1-120		%REC	1	10/9/2012 1:41:00 PM
Surr: Dibromofluoromethane	98.8		94.2-122		%REC	1	10/9/2012 1:41:00 PM
Surr: Toluene-d8	103		86.2-135		%REC	1	10/9/2012 1:41:00 PM

Specialty Analytical

Date Reported: 31-Oct-12

CLIENT: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

Lab Order: 1210059

Lab ID: 1210059-008
Client Sample ID: MW10-100412

Collection Date: 10/4/2012 5:15:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1,1,2-Tetrachloroethane	ND	0.057	1.00		µg/L	1	10/9/2012 2:04:00 PM
1,1,1-Trichloroethane	ND	0.053	1.00		µg/L	1	10/9/2012 2:04:00 PM
1,1,2,2-Tetrachloroethane	ND	0.148	1.00		µg/L	1	10/9/2012 2:04:00 PM
1,1,2-Trichloroethane	ND	0.204	1.00		µg/L	1	10/9/2012 2:04:00 PM
1,1-Dichloroethane	ND	0.085	1.00		µg/L	1	10/9/2012 2:04:00 PM
1,1-Dichloroethene	0.140	0.096	1.00	J	µg/L	1	10/9/2012 2:04:00 PM
1,1-Dichloropropene	ND	0.065	1.00		µg/L	1	10/9/2012 2:04:00 PM
1,2,3-Trichlorobenzene	ND	0.118	1.00		µg/L	1	10/9/2012 2:04:00 PM
1,2,3-Trichloropropane	ND	0.167	1.00		µg/L	1	10/9/2012 2:04:00 PM
1,2,4-Trichlorobenzene	ND	0.087	1.00		µg/L	1	10/9/2012 2:04:00 PM
1,2,4-Trimethylbenzene	ND	0.152	1.00		µg/L	1	10/9/2012 2:04:00 PM
1,2-Dibromo-3-chloropropane	ND	0.373	1.00		µg/L	1	10/9/2012 2:04:00 PM
1,2-Dibromoethane	ND	0.108	1.00		µg/L	1	10/9/2012 2:04:00 PM
1,2-Dichlorobenzene	ND	0.054	1.00		µg/L	1	10/9/2012 2:04:00 PM
1,2-Dichloroethane	0.110	0.087	1.00	J	µg/L	1	10/9/2012 2:04:00 PM
1,2-Dichloropropane	ND	0.096	1.00		µg/L	1	10/9/2012 2:04:00 PM
1,3,5-Trimethylbenzene	ND	0.031	1.00		µg/L	1	10/9/2012 2:04:00 PM
1,3-Dichlorobenzene	ND	0.066	1.00		µg/L	1	10/9/2012 2:04:00 PM
1,3-Dichloropropane	ND	0.067	1.00		µg/L	1	10/9/2012 2:04:00 PM
1,4-Dichlorobenzene	ND	0.038	1.00		µg/L	1	10/9/2012 2:04:00 PM
2,2-Dichloropropane	ND	0.088	1.00		µg/L	1	10/9/2012 2:04:00 PM
2-Butanone	ND	0.333	10.0		µg/L	1	10/9/2012 2:04:00 PM
2-Chlorotoluene	ND	0.025	1.00		µg/L	1	10/9/2012 2:04:00 PM
2-Hexanone	ND	0.214	10.0		µg/L	1	10/9/2012 2:04:00 PM
4-Chlorotoluene	ND	0.121	1.00		µg/L	1	10/9/2012 2:04:00 PM
4-Isopropyltoluene	0.630	0.024	1.00	J	µg/L	1	10/9/2012 2:04:00 PM
4-Methyl-2-pentanone	ND	0.435	20.0		µg/L	1	10/9/2012 2:04:00 PM
Acetone	ND	0.559	50.0		µg/L	1	10/9/2012 2:04:00 PM
Acrylonitrile	ND	0.059	5.00		µg/L	1	10/9/2012 2:04:00 PM
Benzene	ND	0.031	0.300		µg/L	1	10/9/2012 2:04:00 PM
Bromobenzene	ND	0.059	1.00		µg/L	1	10/9/2012 2:04:00 PM
Bromochloromethane	ND	0.130	1.00		µg/L	1	10/9/2012 2:04:00 PM
Bromodichloromethane	ND	0.055	1.00		µg/L	1	10/9/2012 2:04:00 PM
Bromoform	0.170	0.061	1.00	J	µg/L	1	10/9/2012 2:04:00 PM
Bromomethane	0.550	0.486	1.00	J	µg/L	1	10/9/2012 2:04:00 PM
Carbon disulfide	0.180	0.058	2.00	J	µg/L	1	10/9/2012 2:04:00 PM
Carbon tetrachloride	ND	0.073	1.00		µg/L	1	10/9/2012 2:04:00 PM
Chlorobenzene	ND	0.070	1.00		µg/L	1	10/9/2012 2:04:00 PM

Specialty Analytical

Date Reported: 31-Oct-12

CLIENT: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

Lab Order: 1210059

VOLATILE ORGANICS BY GC/MS

SW8260B

Analyst: ep

Chloroethane	ND	0.203	1.00		µg/L	1	10/9/2012 2:04:00 PM
Chloroform	ND	0.066	1.00		µg/L	1	10/9/2012 2:04:00 PM
Chloromethane	ND	0.072	1.00		µg/L	1	10/9/2012 2:04:00 PM
cis-1,2-Dichloroethene	0.320	0.066	1.00	J	µg/L	1	10/9/2012 2:04:00 PM
cis-1,3-Dichloropropene	ND	0.077	1.00		µg/L	1	10/9/2012 2:04:00 PM
Dibromochloromethane	ND	0.067	1.00		µg/L	1	10/9/2012 2:04:00 PM
Dibromomethane	ND	0.060	1.00		µg/L	1	10/9/2012 2:04:00 PM
Dichlorodifluoromethane	ND	0.082	1.00		µg/L	1	10/9/2012 2:04:00 PM
Ethylbenzene	ND	0.049	1.00		µg/L	1	10/9/2012 2:04:00 PM
Hexachlorobutadiene	ND	0.093	1.00		µg/L	1	10/9/2012 2:04:00 PM
Isopropylbenzene	ND	0.036	1.00		µg/L	1	10/9/2012 2:04:00 PM
m,p-Xylene	ND	0.186	2.00		µg/L	1	10/9/2012 2:04:00 PM
Methyl tert-butyl ether	ND	0.063	1.00		µg/L	1	10/9/2012 2:04:00 PM
Methylene chloride	ND	0.681	20.0		µg/L	1	10/9/2012 2:04:00 PM
Naphthalene	0.160	0.152	1.00	J	µg/L	1	10/9/2012 2:04:00 PM
n-Butylbenzene	ND	0.061	1.00		µg/L	1	10/9/2012 2:04:00 PM
n-Propylbenzene	ND	0.032	1.00		µg/L	1	10/9/2012 2:04:00 PM
o-Xylene	ND	0.031	1.00		µg/L	1	10/9/2012 2:04:00 PM
sec-Butylbenzene	ND	0.030	1.00		µg/L	1	10/9/2012 2:04:00 PM
Styrene	ND	0.028	1.00		µg/L	1	10/9/2012 2:04:00 PM
tert-Butylbenzene	ND	0.068	1.00		µg/L	1	10/9/2012 2:04:00 PM
Tetrachloroethene	93.1	0.067	1.00		µg/L	1	10/9/2012 2:04:00 PM
Toluene	ND	0.057	1.00		µg/L	1	10/9/2012 2:04:00 PM
trans-1,2-Dichloroethene	ND	0.083	1.00		µg/L	1	10/9/2012 2:04:00 PM
trans-1,3-Dichloropropene	ND	0.039	1.00		µg/L	1	10/9/2012 2:04:00 PM
Trichloroethene	24.7	0.087	1.00		µg/L	1	10/9/2012 2:04:00 PM
Trichlorofluoromethane	ND	0.085	1.00		µg/L	1	10/9/2012 2:04:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	10/9/2012 2:04:00 PM
Surr: 1,2-Dichloroethane-d4	98.9		85.3-116		%REC	1	10/9/2012 2:04:00 PM
Surr: 4-Bromofluorobenzene	94.7		88.1-120		%REC	1	10/9/2012 2:04:00 PM
Surr: Dibromofluoromethane	97.4		94.2-122		%REC	1	10/9/2012 2:04:00 PM
Surr: Toluene-d8	100		86.2-135		%REC	1	10/9/2012 2:04:00 PM

Specialty Analytical

Date Reported: 31-Oct-12

CLIENT: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

Lab Order: 1210059

Lab ID: 1210059-009
Client Sample ID: MW02-100512

Collection Date: 10/5/2012 9:41:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1,1,2-Tetrachloroethane	ND	0.057	1.00		µg/L	1	10/9/2012 2:26:00 PM
1,1,1-Trichloroethane	ND	0.053	1.00		µg/L	1	10/9/2012 2:26:00 PM
1,1,2,2-Tetrachloroethane	0.150	0.148	1.00	J	µg/L	1	10/9/2012 2:26:00 PM
1,1,2-Trichloroethane	ND	0.204	1.00		µg/L	1	10/9/2012 2:26:00 PM
1,1-Dichloroethane	ND	0.085	1.00		µg/L	1	10/9/2012 2:26:00 PM
1,1-Dichloroethene	ND	0.096	1.00		µg/L	1	10/9/2012 2:26:00 PM
1,1-Dichloropropene	ND	0.065	1.00		µg/L	1	10/9/2012 2:26:00 PM
1,2,3-Trichlorobenzene	ND	0.118	1.00		µg/L	1	10/9/2012 2:26:00 PM
1,2,3-Trichloropropane	ND	0.167	1.00		µg/L	1	10/9/2012 2:26:00 PM
1,2,4-Trichlorobenzene	ND	0.087	1.00		µg/L	1	10/9/2012 2:26:00 PM
1,2,4-Trimethylbenzene	ND	0.152	1.00		µg/L	1	10/9/2012 2:26:00 PM
1,2-Dibromo-3-chloropropane	ND	0.373	1.00		µg/L	1	10/9/2012 2:26:00 PM
1,2-Dibromoethane	ND	0.108	1.00		µg/L	1	10/9/2012 2:26:00 PM
1,2-Dichlorobenzene	ND	0.054	1.00		µg/L	1	10/9/2012 2:26:00 PM
1,2-Dichloroethane	0.110	0.087	1.00	J	µg/L	1	10/9/2012 2:26:00 PM
1,2-Dichloropropane	ND	0.096	1.00		µg/L	1	10/9/2012 2:26:00 PM
1,3,5-Trimethylbenzene	ND	0.031	1.00		µg/L	1	10/9/2012 2:26:00 PM
1,3-Dichlorobenzene	ND	0.066	1.00		µg/L	1	10/9/2012 2:26:00 PM
1,3-Dichloropropane	ND	0.067	1.00		µg/L	1	10/9/2012 2:26:00 PM
1,4-Dichlorobenzene	ND	0.038	1.00		µg/L	1	10/9/2012 2:26:00 PM
2,2-Dichloropropane	ND	0.088	1.00		µg/L	1	10/9/2012 2:26:00 PM
2-Butanone	ND	0.333	10.0		µg/L	1	10/9/2012 2:26:00 PM
2-Chlorotoluene	ND	0.025	1.00		µg/L	1	10/9/2012 2:26:00 PM
2-Hexanone	ND	0.214	10.0		µg/L	1	10/9/2012 2:26:00 PM
4-Chlorotoluene	ND	0.121	1.00		µg/L	1	10/9/2012 2:26:00 PM
4-Isopropyltoluene	ND	0.024	1.00		µg/L	1	10/9/2012 2:26:00 PM
4-Methyl-2-pentanone	ND	0.435	20.0		µg/L	1	10/9/2012 2:26:00 PM
Acetone	2.06	0.559	50.0	J	µg/L	1	10/9/2012 2:26:00 PM
Acrylonitrile	ND	0.059	5.00		µg/L	1	10/9/2012 2:26:00 PM
Benzene	0.130	0.031	0.300	J	µg/L	1	10/9/2012 2:26:00 PM
Bromobenzene	ND	0.059	1.00		µg/L	1	10/9/2012 2:26:00 PM
Bromochloromethane	ND	0.130	1.00		µg/L	1	10/9/2012 2:26:00 PM
Bromodichloromethane	ND	0.055	1.00		µg/L	1	10/9/2012 2:26:00 PM
Bromoform	0.180	0.061	1.00	J	µg/L	1	10/9/2012 2:26:00 PM
Bromomethane	ND	0.486	1.00		µg/L	1	10/9/2012 2:26:00 PM
Carbon disulfide	ND	0.058	2.00		µg/L	1	10/9/2012 2:26:00 PM
Carbon tetrachloride	ND	0.073	1.00		µg/L	1	10/9/2012 2:26:00 PM
Chlorobenzene	ND	0.070	1.00		µg/L	1	10/9/2012 2:26:00 PM

Specialty Analytical

Date Reported: 31-Oct-12

CLIENT: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

Lab Order: 1210059

VOLATILE ORGANICS BY GC/MS

SW8260B

Analyst: ep

Chloroethane	0.220	0.203	1.00	J	µg/L	1	10/9/2012 2:26:00 PM
Chloroform	ND	0.066	1.00		µg/L	1	10/9/2012 2:26:00 PM
Chloromethane	ND	0.072	1.00		µg/L	1	10/9/2012 2:26:00 PM
cis-1,2-Dichloroethene	0.160	0.066	1.00	J	µg/L	1	10/9/2012 2:26:00 PM
cis-1,3-Dichloropropene	ND	0.077	1.00		µg/L	1	10/9/2012 2:26:00 PM
Dibromochloromethane	ND	0.067	1.00		µg/L	1	10/9/2012 2:26:00 PM
Dibromomethane	ND	0.060	1.00		µg/L	1	10/9/2012 2:26:00 PM
Dichlorodifluoromethane	ND	0.082	1.00		µg/L	1	10/9/2012 2:26:00 PM
Ethylbenzene	ND	0.049	1.00		µg/L	1	10/9/2012 2:26:00 PM
Hexachlorobutadiene	ND	0.093	1.00		µg/L	1	10/9/2012 2:26:00 PM
Isopropylbenzene	ND	0.036	1.00		µg/L	1	10/9/2012 2:26:00 PM
m,p-Xylene	ND	0.186	2.00		µg/L	1	10/9/2012 2:26:00 PM
Methyl tert-butyl ether	ND	0.063	1.00		µg/L	1	10/9/2012 2:26:00 PM
Methylene chloride	ND	0.681	20.0		µg/L	1	10/9/2012 2:26:00 PM
Naphthalene	0.470	0.152	1.00	J	µg/L	1	10/9/2012 2:26:00 PM
n-Butylbenzene	ND	0.061	1.00		µg/L	1	10/9/2012 2:26:00 PM
n-Propylbenzene	ND	0.032	1.00		µg/L	1	10/9/2012 2:26:00 PM
o-Xylene	ND	0.031	1.00		µg/L	1	10/9/2012 2:26:00 PM
sec-Butylbenzene	ND	0.030	1.00		µg/L	1	10/9/2012 2:26:00 PM
Styrene	ND	0.028	1.00		µg/L	1	10/9/2012 2:26:00 PM
tert-Butylbenzene	ND	0.068	1.00		µg/L	1	10/9/2012 2:26:00 PM
Tetrachloroethene	14.2	0.067	1.00		µg/L	1	10/9/2012 2:26:00 PM
Toluene	0.150	0.057	1.00	J	µg/L	1	10/9/2012 2:26:00 PM
trans-1,2-Dichloroethene	ND	0.083	1.00		µg/L	1	10/9/2012 2:26:00 PM
trans-1,3-Dichloropropene	ND	0.039	1.00		µg/L	1	10/9/2012 2:26:00 PM
Trichloroethene	0.690	0.087	1.00	J	µg/L	1	10/9/2012 2:26:00 PM
Trichlorofluoromethane	ND	0.085	1.00		µg/L	1	10/9/2012 2:26:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	10/9/2012 2:26:00 PM
Surr: 1,2-Dichloroethane-d4	98.0	85.3-116			%REC	1	10/9/2012 2:26:00 PM
Surr: 4-Bromofluorobenzene	95.5	88.1-120			%REC	1	10/9/2012 2:26:00 PM
Surr: Dibromofluoromethane	96.1	94.2-122			%REC	1	10/9/2012 2:26:00 PM
Surr: Toluene-d8	102	86.2-135			%REC	1	10/9/2012 2:26:00 PM

Specialty Analytical

Date Reported: 31-Oct-12

CLIENT: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

Lab Order: 1210059

Lab ID: 1210059-010
Client Sample ID: MW03_100512

Collection Date: 10/5/2012 10:45:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1,1,2-Tetrachloroethane	ND	0.057	1.00		µg/L	1	10/9/2012 2:49:00 PM
1,1,1-Trichloroethane	ND	0.053	1.00		µg/L	1	10/9/2012 2:49:00 PM
1,1,2,2-Tetrachloroethane	0.180	0.148	1.00	J	µg/L	1	10/9/2012 2:49:00 PM
1,1,2-Trichloroethane	ND	0.204	1.00		µg/L	1	10/9/2012 2:49:00 PM
1,1-Dichloroethane	ND	0.085	1.00		µg/L	1	10/9/2012 2:49:00 PM
1,1-Dichloroethene	ND	0.096	1.00		µg/L	1	10/9/2012 2:49:00 PM
1,1-Dichloropropene	ND	0.065	1.00		µg/L	1	10/9/2012 2:49:00 PM
1,2,3-Trichlorobenzene	ND	0.118	1.00		µg/L	1	10/9/2012 2:49:00 PM
1,2,3-Trichloropropane	ND	0.167	1.00		µg/L	1	10/9/2012 2:49:00 PM
1,2,4-Trichlorobenzene	ND	0.087	1.00		µg/L	1	10/9/2012 2:49:00 PM
1,2,4-Trimethylbenzene	ND	0.152	1.00		µg/L	1	10/9/2012 2:49:00 PM
1,2-Dibromo-3-chloropropane	ND	0.373	1.00		µg/L	1	10/9/2012 2:49:00 PM
1,2-Dibromoethane	ND	0.108	1.00		µg/L	1	10/9/2012 2:49:00 PM
1,2-Dichlorobenzene	ND	0.054	1.00		µg/L	1	10/9/2012 2:49:00 PM
1,2-Dichloroethane	ND	0.087	1.00		µg/L	1	10/9/2012 2:49:00 PM
1,2-Dichloropropane	ND	0.096	1.00		µg/L	1	10/9/2012 2:49:00 PM
1,3,5-Trimethylbenzene	ND	0.031	1.00		µg/L	1	10/9/2012 2:49:00 PM
1,3-Dichlorobenzene	ND	0.066	1.00		µg/L	1	10/9/2012 2:49:00 PM
1,3-Dichloropropane	ND	0.067	1.00		µg/L	1	10/9/2012 2:49:00 PM
1,4-Dichlorobenzene	ND	0.038	1.00		µg/L	1	10/9/2012 2:49:00 PM
2,2-Dichloropropane	ND	0.088	1.00		µg/L	1	10/9/2012 2:49:00 PM
2-Butanone	ND	0.333	10.0		µg/L	1	10/9/2012 2:49:00 PM
2-Chlorotoluene	ND	0.025	1.00		µg/L	1	10/9/2012 2:49:00 PM
2-Hexanone	ND	0.214	10.0		µg/L	1	10/9/2012 2:49:00 PM
4-Chlorotoluene	ND	0.121	1.00		µg/L	1	10/9/2012 2:49:00 PM
4-Isopropyltoluene	ND	0.024	1.00		µg/L	1	10/9/2012 2:49:00 PM
4-Methyl-2-pentanone	ND	0.435	20.0		µg/L	1	10/9/2012 2:49:00 PM
Acetone	4.85	0.559	50.0	J	µg/L	1	10/9/2012 2:49:00 PM
Acrylonitrile	ND	0.059	5.00		µg/L	1	10/9/2012 2:49:00 PM
Benzene	0.120	0.031	0.300	J	µg/L	1	10/9/2012 2:49:00 PM
Bromobenzene	ND	0.059	1.00		µg/L	1	10/9/2012 2:49:00 PM
Bromochloromethane	ND	0.130	1.00		µg/L	1	10/9/2012 2:49:00 PM
Bromodichloromethane	ND	0.055	1.00		µg/L	1	10/9/2012 2:49:00 PM
Bromoform	0.210	0.061	1.00	J	µg/L	1	10/9/2012 2:49:00 PM
Bromomethane	0.560	0.486	1.00	J	µg/L	1	10/9/2012 2:49:00 PM
Carbon disulfide	0.320	0.058	2.00	J	µg/L	1	10/9/2012 2:49:00 PM
Carbon tetrachloride	ND	0.073	1.00		µg/L	1	10/9/2012 2:49:00 PM
Chlorobenzene	ND	0.070	1.00		µg/L	1	10/9/2012 2:49:00 PM

Specialty Analytical

Date Reported: 31-Oct-12

CLIENT: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

Lab Order: 1210059

VOLATILE ORGANICS BY GC/MS

SW8260B

Analyst: ep

Chloroethane	ND	0.203	1.00		µg/L	1	10/9/2012 2:49:00 PM
Chloroform	ND	0.066	1.00		µg/L	1	10/9/2012 2:49:00 PM
Chloromethane	ND	0.072	1.00		µg/L	1	10/9/2012 2:49:00 PM
cis-1,2-Dichloroethene	3.08	0.066	1.00		µg/L	1	10/9/2012 2:49:00 PM
cis-1,3-Dichloropropene	ND	0.077	1.00		µg/L	1	10/9/2012 2:49:00 PM
Dibromochloromethane	ND	0.067	1.00		µg/L	1	10/9/2012 2:49:00 PM
Dibromomethane	ND	0.060	1.00		µg/L	1	10/9/2012 2:49:00 PM
Dichlorodifluoromethane	ND	0.082	1.00		µg/L	1	10/9/2012 2:49:00 PM
Ethylbenzene	ND	0.049	1.00		µg/L	1	10/9/2012 2:49:00 PM
Hexachlorobutadiene	ND	0.093	1.00		µg/L	1	10/9/2012 2:49:00 PM
Isopropylbenzene	ND	0.036	1.00		µg/L	1	10/9/2012 2:49:00 PM
m,p-Xylene	ND	0.186	2.00		µg/L	1	10/9/2012 2:49:00 PM
Methyl tert-butyl ether	ND	0.063	1.00		µg/L	1	10/9/2012 2:49:00 PM
Methylene chloride	ND	0.681	20.0		µg/L	1	10/9/2012 2:49:00 PM
Naphthalene	0.440	0.152	1.00	J	µg/L	1	10/9/2012 2:49:00 PM
n-Butylbenzene	ND	0.061	1.00		µg/L	1	10/9/2012 2:49:00 PM
n-Propylbenzene	ND	0.032	1.00		µg/L	1	10/9/2012 2:49:00 PM
o-Xylene	ND	0.031	1.00		µg/L	1	10/9/2012 2:49:00 PM
sec-Butylbenzene	ND	0.030	1.00		µg/L	1	10/9/2012 2:49:00 PM
Styrene	ND	0.028	1.00		µg/L	1	10/9/2012 2:49:00 PM
tert-Butylbenzene	ND	0.068	1.00		µg/L	1	10/9/2012 2:49:00 PM
Tetrachloroethene	2390	1.34	20.0		µg/L	20	10/10/2012 11:39:00 A
Toluene	ND	0.057	1.00		µg/L	1	10/9/2012 2:49:00 PM
trans-1,2-Dichloroethene	0.110	0.083	1.00	J	µg/L	1	10/9/2012 2:49:00 PM
trans-1,3-Dichloropropene	ND	0.039	1.00		µg/L	1	10/9/2012 2:49:00 PM
Trichloroethene	9.15	0.087	1.00		µg/L	1	10/9/2012 2:49:00 PM
Trichlorofluoromethane	ND	0.085	1.00		µg/L	1	10/9/2012 2:49:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	10/9/2012 2:49:00 PM
Surr: 1,2-Dichloroethane-d4	99.3		85.3-116		%REC	1	10/9/2012 2:49:00 PM
Surr: 4-Bromofluorobenzene	95.0		88.1-120		%REC	1	10/9/2012 2:49:00 PM
Surr: Dibromofluoromethane	97.9		94.2-122		%REC	1	10/9/2012 2:49:00 PM
Surr: Toluene-d8	100		86.2-135		%REC	1	10/9/2012 2:49:00 PM

Specialty Analytical

Date Reported: 31-Oct-12

CLIENT: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

Lab Order: 1210059

Lab ID: 1210059-011
Client Sample ID: MW08_100512

Collection Date: 10/5/2012 1:10:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1,1,2-Tetrachloroethane	ND	0.057	1.00		µg/L	1	10/9/2012 3:12:00 PM
1,1,1-Trichloroethane	ND	0.053	1.00		µg/L	1	10/9/2012 3:12:00 PM
1,1,2,2-Tetrachloroethane	0.160	0.148	1.00	J	µg/L	1	10/9/2012 3:12:00 PM
1,1,2-Trichloroethane	ND	0.204	1.00		µg/L	1	10/9/2012 3:12:00 PM
1,1-Dichloroethane	ND	0.085	1.00		µg/L	1	10/9/2012 3:12:00 PM
1,1-Dichloroethene	ND	0.096	1.00		µg/L	1	10/9/2012 3:12:00 PM
1,1-Dichloropropene	ND	0.065	1.00		µg/L	1	10/9/2012 3:12:00 PM
1,2,3-Trichlorobenzene	ND	0.118	1.00		µg/L	1	10/9/2012 3:12:00 PM
1,2,3-Trichloropropane	ND	0.167	1.00		µg/L	1	10/9/2012 3:12:00 PM
1,2,4-Trichlorobenzene	ND	0.087	1.00		µg/L	1	10/9/2012 3:12:00 PM
1,2,4-Trimethylbenzene	ND	0.152	1.00		µg/L	1	10/9/2012 3:12:00 PM
1,2-Dibromo-3-chloropropane	ND	0.373	1.00		µg/L	1	10/9/2012 3:12:00 PM
1,2-Dibromoethane	ND	0.108	1.00		µg/L	1	10/9/2012 3:12:00 PM
1,2-Dichlorobenzene	ND	0.054	1.00		µg/L	1	10/9/2012 3:12:00 PM
1,2-Dichloroethane	0.110	0.087	1.00	J	µg/L	1	10/9/2012 3:12:00 PM
1,2-Dichloropropane	ND	0.096	1.00		µg/L	1	10/9/2012 3:12:00 PM
1,3,5-Trimethylbenzene	ND	0.031	1.00		µg/L	1	10/9/2012 3:12:00 PM
1,3-Dichlorobenzene	ND	0.066	1.00		µg/L	1	10/9/2012 3:12:00 PM
1,3-Dichloropropane	ND	0.067	1.00		µg/L	1	10/9/2012 3:12:00 PM
1,4-Dichlorobenzene	ND	0.038	1.00		µg/L	1	10/9/2012 3:12:00 PM
2,2-Dichloropropane	ND	0.088	1.00		µg/L	1	10/9/2012 3:12:00 PM
2-Butanone	ND	0.333	10.0		µg/L	1	10/9/2012 3:12:00 PM
2-Chlorotoluene	ND	0.025	1.00		µg/L	1	10/9/2012 3:12:00 PM
2-Hexanone	ND	0.214	10.0		µg/L	1	10/9/2012 3:12:00 PM
4-Chlorotoluene	ND	0.121	1.00		µg/L	1	10/9/2012 3:12:00 PM
4-Isopropyltoluene	ND	0.024	1.00		µg/L	1	10/9/2012 3:12:00 PM
4-Methyl-2-pentanone	ND	0.435	20.0		µg/L	1	10/9/2012 3:12:00 PM
Acetone	6.36	0.559	50.0	J	µg/L	1	10/9/2012 3:12:00 PM
Acrylonitrile	ND	0.059	5.00		µg/L	1	10/9/2012 3:12:00 PM
Benzene	0.120	0.031	0.300	J	µg/L	1	10/9/2012 3:12:00 PM
Bromobenzene	ND	0.059	1.00		µg/L	1	10/9/2012 3:12:00 PM
Bromochloromethane	ND	0.130	1.00		µg/L	1	10/9/2012 3:12:00 PM
Bromodichloromethane	ND	0.055	1.00		µg/L	1	10/9/2012 3:12:00 PM
Bromoform	0.170	0.061	1.00	J	µg/L	1	10/9/2012 3:12:00 PM
Bromomethane	ND	0.486	1.00		µg/L	1	10/9/2012 3:12:00 PM
Carbon disulfide	0.130	0.058	2.00	J	µg/L	1	10/9/2012 3:12:00 PM
Carbon tetrachloride	ND	0.073	1.00		µg/L	1	10/9/2012 3:12:00 PM
Chlorobenzene	ND	0.070	1.00		µg/L	1	10/9/2012 3:12:00 PM

Specialty Analytical

Date Reported: 31-Oct-12

CLIENT: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

Lab Order: 1210059

VOLATILE ORGANICS BY GC/MS

SW8260B

Analyst: ep

Chloroethane	ND	0.203	1.00		µg/L	1	10/9/2012 3:12:00 PM
Chloroform	0.260	0.066	1.00	J	µg/L	1	10/9/2012 3:12:00 PM
Chloromethane	ND	0.072	1.00		µg/L	1	10/9/2012 3:12:00 PM
cis-1,2-Dichloroethene	0.130	0.066	1.00	J	µg/L	1	10/9/2012 3:12:00 PM
cis-1,3-Dichloropropene	ND	0.077	1.00		µg/L	1	10/9/2012 3:12:00 PM
Dibromochloromethane	ND	0.067	1.00		µg/L	1	10/9/2012 3:12:00 PM
Dibromomethane	ND	0.060	1.00		µg/L	1	10/9/2012 3:12:00 PM
Dichlorodifluoromethane	ND	0.082	1.00		µg/L	1	10/9/2012 3:12:00 PM
Ethylbenzene	ND	0.049	1.00		µg/L	1	10/9/2012 3:12:00 PM
Hexachlorobutadiene	ND	0.093	1.00		µg/L	1	10/9/2012 3:12:00 PM
Isopropylbenzene	ND	0.036	1.00		µg/L	1	10/9/2012 3:12:00 PM
m,p-Xylene	ND	0.186	2.00		µg/L	1	10/9/2012 3:12:00 PM
Methyl tert-butyl ether	ND	0.063	1.00		µg/L	1	10/9/2012 3:12:00 PM
Methylene chloride	ND	0.681	20.0		µg/L	1	10/9/2012 3:12:00 PM
Naphthalene	0.280	0.152	1.00	J	µg/L	1	10/9/2012 3:12:00 PM
n-Butylbenzene	ND	0.061	1.00		µg/L	1	10/9/2012 3:12:00 PM
n-Propylbenzene	ND	0.032	1.00		µg/L	1	10/9/2012 3:12:00 PM
o-Xylene	ND	0.031	1.00		µg/L	1	10/9/2012 3:12:00 PM
sec-Butylbenzene	ND	0.030	1.00		µg/L	1	10/9/2012 3:12:00 PM
Styrene	ND	0.028	1.00		µg/L	1	10/9/2012 3:12:00 PM
tert-Butylbenzene	ND	0.068	1.00		µg/L	1	10/9/2012 3:12:00 PM
Tetrachloroethene	68.8	0.067	1.00		µg/L	1	10/9/2012 3:12:00 PM
Toluene	ND	0.057	1.00		µg/L	1	10/9/2012 3:12:00 PM
trans-1,2-Dichloroethene	ND	0.083	1.00		µg/L	1	10/9/2012 3:12:00 PM
trans-1,3-Dichloropropene	ND	0.039	1.00		µg/L	1	10/9/2012 3:12:00 PM
Trichloroethene	0.560	0.087	1.00	J	µg/L	1	10/9/2012 3:12:00 PM
Trichlorofluoromethane	ND	0.085	1.00		µg/L	1	10/9/2012 3:12:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	10/9/2012 3:12:00 PM
Surr: 1,2-Dichloroethane-d4	98.2	85.3-116			%REC	1	10/9/2012 3:12:00 PM
Surr: 4-Bromofluorobenzene	95.1	88.1-120			%REC	1	10/9/2012 3:12:00 PM
Surr: Dibromofluoromethane	96.6	94.2-122			%REC	1	10/9/2012 3:12:00 PM
Surr: Toluene-d8	100	86.2-135			%REC	1	10/9/2012 3:12:00 PM

Specialty Analytical

Date Reported: 31-Oct-12

CLIENT: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

Lab Order: 1210059

Lab ID: 1210059-012
Client Sample ID: Trip Blank_100512

Collection Date: 10/7/2012
Matrix: AQUEOUS

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1,1,2-Tetrachloroethane	ND	0.057	1.00		µg/L	1	10/9/2012 10:42:00 AM
1,1,1-Trichloroethane	ND	0.053	1.00		µg/L	1	10/9/2012 10:42:00 AM
1,1,2,2-Tetrachloroethane	ND	0.148	1.00		µg/L	1	10/9/2012 10:42:00 AM
1,1,2-Trichloroethane	ND	0.204	1.00		µg/L	1	10/9/2012 10:42:00 AM
1,1-Dichloroethane	ND	0.085	1.00		µg/L	1	10/9/2012 10:42:00 AM
1,1-Dichloroethene	0.160	0.096	1.00	J	µg/L	1	10/9/2012 10:42:00 AM
1,1-Dichloropropene	ND	0.065	1.00		µg/L	1	10/9/2012 10:42:00 AM
1,2,3-Trichlorobenzene	0.340	0.118	1.00	J	µg/L	1	10/9/2012 10:42:00 AM
1,2,3-Trichloropropane	ND	0.167	1.00		µg/L	1	10/9/2012 10:42:00 AM
1,2,4-Trichlorobenzene	0.260	0.087	1.00	J	µg/L	1	10/9/2012 10:42:00 AM
1,2,4-Trimethylbenzene	ND	0.152	1.00		µg/L	1	10/9/2012 10:42:00 AM
1,2-Dibromo-3-chloropropane	ND	0.373	1.00		µg/L	1	10/9/2012 10:42:00 AM
1,2-Dibromoethane	ND	0.108	1.00		µg/L	1	10/9/2012 10:42:00 AM
1,2-Dichlorobenzene	0.120	0.054	1.00	J	µg/L	1	10/9/2012 10:42:00 AM
1,2-Dichloroethane	ND	0.087	1.00		µg/L	1	10/9/2012 10:42:00 AM
1,2-Dichloropropane	ND	0.096	1.00		µg/L	1	10/9/2012 10:42:00 AM
1,3,5-Trimethylbenzene	ND	0.031	1.00		µg/L	1	10/9/2012 10:42:00 AM
1,3-Dichlorobenzene	0.150	0.066	1.00	J	µg/L	1	10/9/2012 10:42:00 AM
1,3-Dichloropropane	ND	0.067	1.00		µg/L	1	10/9/2012 10:42:00 AM
1,4-Dichlorobenzene	0.140	0.038	1.00	J	µg/L	1	10/9/2012 10:42:00 AM
2,2-Dichloropropane	ND	0.088	1.00		µg/L	1	10/9/2012 10:42:00 AM
2-Butanone	ND	0.333	10.0		µg/L	1	10/9/2012 10:42:00 AM
2-Chlorotoluene	ND	0.025	1.00		µg/L	1	10/9/2012 10:42:00 AM
2-Hexanone	ND	0.214	10.0		µg/L	1	10/9/2012 10:42:00 AM
4-Chlorotoluene	ND	0.121	1.00		µg/L	1	10/9/2012 10:42:00 AM
4-Isopropyltoluene	ND	0.024	1.00		µg/L	1	10/9/2012 10:42:00 AM
4-Methyl-2-pentanone	ND	0.435	20.0		µg/L	1	10/9/2012 10:42:00 AM
Acetone	3.45	0.559	50.0	J	µg/L	1	10/9/2012 10:42:00 AM
Acrylonitrile	ND	0.059	5.00		µg/L	1	10/9/2012 10:42:00 AM
Benzene	0.210	0.031	0.300	J	µg/L	1	10/9/2012 10:42:00 AM
Bromobenzene	0.110	0.059	1.00	J	µg/L	1	10/9/2012 10:42:00 AM
Bromochloromethane	ND	0.130	1.00		µg/L	1	10/9/2012 10:42:00 AM
Bromodichloromethane	ND	0.055	1.00		µg/L	1	10/9/2012 10:42:00 AM
Bromoform	0.260	0.061	1.00	J	µg/L	1	10/9/2012 10:42:00 AM
Bromomethane	0.680	0.486	1.00	J	µg/L	1	10/9/2012 10:42:00 AM
Carbon disulfide	0.350	0.058	2.00	J	µg/L	1	10/9/2012 10:42:00 AM
Carbon tetrachloride	ND	0.073	1.00		µg/L	1	10/9/2012 10:42:00 AM
Chlorobenzene	0.110	0.070	1.00	J	µg/L	1	10/9/2012 10:42:00 AM

Specialty Analytical

Date Reported: 31-Oct-12

CLIENT: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

Lab Order: 1210059

VOLATILE ORGANICS BY GC/MS

SW8260B

Analyst: ep

Chloroethane	0.320	0.203	1.00	J	µg/L	1	10/9/2012 10:42:00 AM
Chloroform	ND	0.066	1.00		µg/L	1	10/9/2012 10:42:00 AM
Chloromethane	ND	0.072	1.00		µg/L	1	10/9/2012 10:42:00 AM
cis-1,2-Dichloroethene	0.290	0.066	1.00	J	µg/L	1	10/9/2012 10:42:00 AM
cis-1,3-Dichloropropene	ND	0.077	1.00		µg/L	1	10/9/2012 10:42:00 AM
Dibromochloromethane	ND	0.067	1.00		µg/L	1	10/9/2012 10:42:00 AM
Dibromomethane	ND	0.060	1.00		µg/L	1	10/9/2012 10:42:00 AM
Dichlorodifluoromethane	0.140	0.082	1.00	J	µg/L	1	10/9/2012 10:42:00 AM
Ethylbenzene	0.190	0.049	1.00	J	µg/L	1	10/9/2012 10:42:00 AM
Hexachlorobutadiene	0.450	0.093	1.00	J	µg/L	1	10/9/2012 10:42:00 AM
Isopropylbenzene	ND	0.036	1.00		µg/L	1	10/9/2012 10:42:00 AM
m,p-Xylene	ND	0.186	2.00		µg/L	1	10/9/2012 10:42:00 AM
Methyl tert-butyl ether	ND	0.063	1.00		µg/L	1	10/9/2012 10:42:00 AM
Methylene chloride	2.29	0.681	20.0	J	µg/L	1	10/9/2012 10:42:00 AM
Naphthalene	0.990	0.152	1.00	J	µg/L	1	10/9/2012 10:42:00 AM
n-Butylbenzene	0.210	0.061	1.00	J	µg/L	1	10/9/2012 10:42:00 AM
n-Propylbenzene	0.180	0.032	1.00	J	µg/L	1	10/9/2012 10:42:00 AM
o-Xylene	ND	0.031	1.00		µg/L	1	10/9/2012 10:42:00 AM
sec-Butylbenzene	ND	0.030	1.00		µg/L	1	10/9/2012 10:42:00 AM
Styrene	ND	0.028	1.00		µg/L	1	10/9/2012 10:42:00 AM
tert-Butylbenzene	ND	0.068	1.00		µg/L	1	10/9/2012 10:42:00 AM
Tetrachloroethene	0.140	0.067	1.00	J	µg/L	1	10/9/2012 10:42:00 AM
Toluene	0.120	0.057	1.00	J	µg/L	1	10/9/2012 10:42:00 AM
trans-1,2-Dichloroethene	0.150	0.083	1.00	J	µg/L	1	10/9/2012 10:42:00 AM
trans-1,3-Dichloropropene	ND	0.039	1.00		µg/L	1	10/9/2012 10:42:00 AM
Trichloroethene	0.350	0.087	1.00	J	µg/L	1	10/9/2012 10:42:00 AM
Trichlorofluoromethane	ND	0.085	1.00		µg/L	1	10/9/2012 10:42:00 AM
Vinyl chloride	ND	0.155	1.00		µg/L	1	10/9/2012 10:42:00 AM
Surr: 1,2-Dichloroethane-d4	92.2	85.3-116			%REC	1	10/9/2012 10:42:00 AM
Surr: 4-Bromofluorobenzene	94.4	88.1-120			%REC	1	10/9/2012 10:42:00 AM
Surr: Dibromofluoromethane	94.4	94.2-122			%REC	1	10/9/2012 10:42:00 AM
Surr: Toluene-d8	102	86.2-135			%REC	1	10/9/2012 10:42:00 AM

Specialty Analytical

Date Reported: 31-Oct-12

CLIENT: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

Lab Order: 1210059

Lab ID: 1210059-013
Client Sample ID: MW04_100512

Collection Date: 10/5/2012 2:46:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1,1,2-Tetrachloroethane	ND	0.057	1.00		µg/L	1	10/9/2012 3:35:00 PM
1,1,1-Trichloroethane	ND	0.053	1.00		µg/L	1	10/9/2012 3:35:00 PM
1,1,2,2-Tetrachloroethane	0.170	0.148	1.00	J	µg/L	1	10/9/2012 3:35:00 PM
1,1,2-Trichloroethane	ND	0.204	1.00		µg/L	1	10/9/2012 3:35:00 PM
1,1-Dichloroethane	ND	0.085	1.00		µg/L	1	10/9/2012 3:35:00 PM
1,1-Dichloroethene	ND	0.096	1.00		µg/L	1	10/9/2012 3:35:00 PM
1,1-Dichloropropene	ND	0.065	1.00		µg/L	1	10/9/2012 3:35:00 PM
1,2,3-Trichlorobenzene	ND	0.118	1.00		µg/L	1	10/9/2012 3:35:00 PM
1,2,3-Trichloropropane	ND	0.167	1.00		µg/L	1	10/9/2012 3:35:00 PM
1,2,4-Trichlorobenzene	ND	0.087	1.00		µg/L	1	10/9/2012 3:35:00 PM
1,2,4-Trimethylbenzene	ND	0.152	1.00		µg/L	1	10/9/2012 3:35:00 PM
1,2-Dibromo-3-chloropropane	ND	0.373	1.00		µg/L	1	10/9/2012 3:35:00 PM
1,2-Dibromoethane	ND	0.108	1.00		µg/L	1	10/9/2012 3:35:00 PM
1,2-Dichlorobenzene	ND	0.054	1.00		µg/L	1	10/9/2012 3:35:00 PM
1,2-Dichloroethane	0.110	0.087	1.00	J	µg/L	1	10/9/2012 3:35:00 PM
1,2-Dichloropropane	ND	0.096	1.00		µg/L	1	10/9/2012 3:35:00 PM
1,3,5-Trimethylbenzene	ND	0.031	1.00		µg/L	1	10/9/2012 3:35:00 PM
1,3-Dichlorobenzene	ND	0.066	1.00		µg/L	1	10/9/2012 3:35:00 PM
1,3-Dichloropropane	ND	0.067	1.00		µg/L	1	10/9/2012 3:35:00 PM
1,4-Dichlorobenzene	ND	0.038	1.00		µg/L	1	10/9/2012 3:35:00 PM
2,2-Dichloropropane	ND	0.088	1.00		µg/L	1	10/9/2012 3:35:00 PM
2-Butanone	ND	0.333	10.0		µg/L	1	10/9/2012 3:35:00 PM
2-Chlorotoluene	ND	0.025	1.00		µg/L	1	10/9/2012 3:35:00 PM
2-Hexanone	ND	0.214	10.0		µg/L	1	10/9/2012 3:35:00 PM
4-Chlorotoluene	ND	0.121	1.00		µg/L	1	10/9/2012 3:35:00 PM
4-Isopropyltoluene	ND	0.024	1.00		µg/L	1	10/9/2012 3:35:00 PM
4-Methyl-2-pentanone	ND	0.435	20.0		µg/L	1	10/9/2012 3:35:00 PM
Acetone	1.75	0.559	50.0	J	µg/L	1	10/9/2012 3:35:00 PM
Acrylonitrile	ND	0.059	5.00		µg/L	1	10/9/2012 3:35:00 PM
Benzene	ND	0.031	0.300		µg/L	1	10/9/2012 3:35:00 PM
Bromobenzene	ND	0.059	1.00		µg/L	1	10/9/2012 3:35:00 PM
Bromochloromethane	ND	0.130	1.00		µg/L	1	10/9/2012 3:35:00 PM
Bromodichloromethane	ND	0.055	1.00		µg/L	1	10/9/2012 3:35:00 PM
Bromoform	0.190	0.061	1.00	J	µg/L	1	10/9/2012 3:35:00 PM
Bromomethane	ND	0.486	1.00		µg/L	1	10/9/2012 3:35:00 PM
Carbon disulfide	ND	0.058	2.00		µg/L	1	10/9/2012 3:35:00 PM
Carbon tetrachloride	ND	0.073	1.00		µg/L	1	10/9/2012 3:35:00 PM
Chlorobenzene	ND	0.070	1.00		µg/L	1	10/9/2012 3:35:00 PM

Specialty Analytical

Date Reported: 31-Oct-12

CLIENT: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

Lab Order: 1210059

VOLATILE ORGANICS BY GC/MS

SW8260B

Analyst: ep

Chloroethane	ND	0.203	1.00		µg/L	1	10/9/2012 3:35:00 PM
Chloroform	0.350	0.066	1.00	J	µg/L	1	10/9/2012 3:35:00 PM
Chloromethane	ND	0.072	1.00		µg/L	1	10/9/2012 3:35:00 PM
cis-1,2-Dichloroethene	0.100	0.066	1.00	J	µg/L	1	10/9/2012 3:35:00 PM
cis-1,3-Dichloropropene	ND	0.077	1.00		µg/L	1	10/9/2012 3:35:00 PM
Dibromochloromethane	ND	0.067	1.00		µg/L	1	10/9/2012 3:35:00 PM
Dibromomethane	ND	0.060	1.00		µg/L	1	10/9/2012 3:35:00 PM
Dichlorodifluoromethane	ND	0.082	1.00		µg/L	1	10/9/2012 3:35:00 PM
Ethylbenzene	0.140	0.049	1.00	J	µg/L	1	10/9/2012 3:35:00 PM
Hexachlorobutadiene	ND	0.093	1.00		µg/L	1	10/9/2012 3:35:00 PM
Isopropylbenzene	ND	0.036	1.00		µg/L	1	10/9/2012 3:35:00 PM
m,p-Xylene	ND	0.186	2.00		µg/L	1	10/9/2012 3:35:00 PM
Methyl tert-butyl ether	ND	0.063	1.00		µg/L	1	10/9/2012 3:35:00 PM
Methylene chloride	ND	0.681	20.0		µg/L	1	10/9/2012 3:35:00 PM
Naphthalene	0.240	0.152	1.00	J	µg/L	1	10/9/2012 3:35:00 PM
n-Butylbenzene	ND	0.061	1.00		µg/L	1	10/9/2012 3:35:00 PM
n-Propylbenzene	ND	0.032	1.00		µg/L	1	10/9/2012 3:35:00 PM
o-Xylene	ND	0.031	1.00		µg/L	1	10/9/2012 3:35:00 PM
sec-Butylbenzene	ND	0.030	1.00		µg/L	1	10/9/2012 3:35:00 PM
Styrene	ND	0.028	1.00		µg/L	1	10/9/2012 3:35:00 PM
tert-Butylbenzene	ND	0.068	1.00		µg/L	1	10/9/2012 3:35:00 PM
Tetrachloroethene	24.4	0.067	1.00		µg/L	1	10/9/2012 3:35:00 PM
Toluene	ND	0.057	1.00		µg/L	1	10/9/2012 3:35:00 PM
trans-1,2-Dichloroethene	ND	0.083	1.00		µg/L	1	10/9/2012 3:35:00 PM
trans-1,3-Dichloropropene	ND	0.039	1.00		µg/L	1	10/9/2012 3:35:00 PM
Trichloroethene	ND	0.087	1.00		µg/L	1	10/9/2012 3:35:00 PM
Trichlorofluoromethane	ND	0.085	1.00		µg/L	1	10/9/2012 3:35:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	10/9/2012 3:35:00 PM
Surr: 1,2-Dichloroethane-d4	99.2	85.3-116			%REC	1	10/9/2012 3:35:00 PM
Surr: 4-Bromofluorobenzene	96.0	88.1-120			%REC	1	10/9/2012 3:35:00 PM
Surr: Dibromofluoromethane	98.1	94.2-122			%REC	1	10/9/2012 3:35:00 PM
Surr: Toluene-d8	103	86.2-135			%REC	1	10/9/2012 3:35:00 PM

Specialty Analytical

Date Reported: 31-Oct-12

CLIENT: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

Lab Order: 1210059

Lab ID: 1210059-014
Client Sample ID: MW11_100512

Collection Date: 10/5/2012 4:15:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1,1,2-Tetrachloroethane	ND	0.057	1.00		µg/L	1	10/9/2012 3:58:00 PM
1,1,1-Trichloroethane	ND	0.053	1.00		µg/L	1	10/9/2012 3:58:00 PM
1,1,2,2-Tetrachloroethane	0.170	0.148	1.00	J	µg/L	1	10/9/2012 3:58:00 PM
1,1,2-Trichloroethane	ND	0.204	1.00		µg/L	1	10/9/2012 3:58:00 PM
1,1-Dichloroethane	ND	0.085	1.00		µg/L	1	10/9/2012 3:58:00 PM
1,1-Dichloroethene	ND	0.096	1.00		µg/L	1	10/9/2012 3:58:00 PM
1,1-Dichloropropene	ND	0.065	1.00		µg/L	1	10/9/2012 3:58:00 PM
1,2,3-Trichlorobenzene	ND	0.118	1.00		µg/L	1	10/9/2012 3:58:00 PM
1,2,3-Trichloropropane	ND	0.167	1.00		µg/L	1	10/9/2012 3:58:00 PM
1,2,4-Trichlorobenzene	ND	0.087	1.00		µg/L	1	10/9/2012 3:58:00 PM
1,2,4-Trimethylbenzene	ND	0.152	1.00		µg/L	1	10/9/2012 3:58:00 PM
1,2-Dibromo-3-chloropropane	ND	0.373	1.00		µg/L	1	10/9/2012 3:58:00 PM
1,2-Dibromoethane	ND	0.108	1.00		µg/L	1	10/9/2012 3:58:00 PM
1,2-Dichlorobenzene	ND	0.054	1.00		µg/L	1	10/9/2012 3:58:00 PM
1,2-Dichloroethane	0.120	0.087	1.00	J	µg/L	1	10/9/2012 3:58:00 PM
1,2-Dichloropropane	ND	0.096	1.00		µg/L	1	10/9/2012 3:58:00 PM
1,3,5-Trimethylbenzene	ND	0.031	1.00		µg/L	1	10/9/2012 3:58:00 PM
1,3-Dichlorobenzene	ND	0.066	1.00		µg/L	1	10/9/2012 3:58:00 PM
1,3-Dichloropropane	ND	0.067	1.00		µg/L	1	10/9/2012 3:58:00 PM
1,4-Dichlorobenzene	ND	0.038	1.00		µg/L	1	10/9/2012 3:58:00 PM
2,2-Dichloropropane	ND	0.088	1.00		µg/L	1	10/9/2012 3:58:00 PM
2-Butanone	ND	0.333	10.0		µg/L	1	10/9/2012 3:58:00 PM
2-Chlorotoluene	ND	0.025	1.00		µg/L	1	10/9/2012 3:58:00 PM
2-Hexanone	ND	0.214	10.0		µg/L	1	10/9/2012 3:58:00 PM
4-Chlorotoluene	ND	0.121	1.00		µg/L	1	10/9/2012 3:58:00 PM
4-Isopropyltoluene	ND	0.024	1.00		µg/L	1	10/9/2012 3:58:00 PM
4-Methyl-2-pentanone	ND	0.435	20.0		µg/L	1	10/9/2012 3:58:00 PM
Acetone	2.77	0.559	50.0	J	µg/L	1	10/9/2012 3:58:00 PM
Acrylonitrile	ND	0.059	5.00		µg/L	1	10/9/2012 3:58:00 PM
Benzene	0.110	0.031	0.300	J	µg/L	1	10/9/2012 3:58:00 PM
Bromobenzene	ND	0.059	1.00		µg/L	1	10/9/2012 3:58:00 PM
Bromochloromethane	ND	0.130	1.00		µg/L	1	10/9/2012 3:58:00 PM
Bromodichloromethane	ND	0.055	1.00		µg/L	1	10/9/2012 3:58:00 PM
Bromoform	0.180	0.061	1.00	J	µg/L	1	10/9/2012 3:58:00 PM
Bromomethane	0.520	0.486	1.00	J	µg/L	1	10/9/2012 3:58:00 PM
Carbon disulfide	ND	0.058	2.00		µg/L	1	10/9/2012 3:58:00 PM
Carbon tetrachloride	ND	0.073	1.00		µg/L	1	10/9/2012 3:58:00 PM
Chlorobenzene	ND	0.070	1.00		µg/L	1	10/9/2012 3:58:00 PM

Specialty Analytical

Date Reported: 31-Oct-12

CLIENT: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

Lab Order: 1210059

VOLATILE ORGANICS BY GC/MS

SW8260B

Analyst: ep

Chloroethane	ND	0.203	1.00		µg/L	1	10/9/2012 3:58:00 PM
Chloroform	ND	0.066	1.00		µg/L	1	10/9/2012 3:58:00 PM
Chloromethane	ND	0.072	1.00		µg/L	1	10/9/2012 3:58:00 PM
cis-1,2-Dichloroethene	0.180	0.066	1.00	J	µg/L	1	10/9/2012 3:58:00 PM
cis-1,3-Dichloropropene	ND	0.077	1.00		µg/L	1	10/9/2012 3:58:00 PM
Dibromochloromethane	ND	0.067	1.00		µg/L	1	10/9/2012 3:58:00 PM
Dibromomethane	ND	0.060	1.00		µg/L	1	10/9/2012 3:58:00 PM
Dichlorodifluoromethane	ND	0.082	1.00		µg/L	1	10/9/2012 3:58:00 PM
Ethylbenzene	0.150	0.049	1.00	J	µg/L	1	10/9/2012 3:58:00 PM
Hexachlorobutadiene	ND	0.093	1.00		µg/L	1	10/9/2012 3:58:00 PM
Isopropylbenzene	ND	0.036	1.00		µg/L	1	10/9/2012 3:58:00 PM
m,p-Xylene	ND	0.186	2.00		µg/L	1	10/9/2012 3:58:00 PM
Methyl tert-butyl ether	ND	0.063	1.00		µg/L	1	10/9/2012 3:58:00 PM
Methylene chloride	ND	0.681	20.0		µg/L	1	10/9/2012 3:58:00 PM
Naphthalene	0.340	0.152	1.00	J	µg/L	1	10/9/2012 3:58:00 PM
n-Butylbenzene	ND	0.061	1.00		µg/L	1	10/9/2012 3:58:00 PM
n-Propylbenzene	ND	0.032	1.00		µg/L	1	10/9/2012 3:58:00 PM
o-Xylene	ND	0.031	1.00		µg/L	1	10/9/2012 3:58:00 PM
sec-Butylbenzene	ND	0.030	1.00		µg/L	1	10/9/2012 3:58:00 PM
Styrene	ND	0.028	1.00		µg/L	1	10/9/2012 3:58:00 PM
tert-Butylbenzene	ND	0.068	1.00		µg/L	1	10/9/2012 3:58:00 PM
Tetrachloroethene	26.8	0.067	1.00		µg/L	1	10/9/2012 3:58:00 PM
Toluene	ND	0.057	1.00		µg/L	1	10/9/2012 3:58:00 PM
trans-1,2-Dichloroethene	ND	0.083	1.00		µg/L	1	10/9/2012 3:58:00 PM
trans-1,3-Dichloropropene	ND	0.039	1.00		µg/L	1	10/9/2012 3:58:00 PM
Trichloroethene	0.870	0.087	1.00	J	µg/L	1	10/9/2012 3:58:00 PM
Trichlorofluoromethane	ND	0.085	1.00		µg/L	1	10/9/2012 3:58:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	10/9/2012 3:58:00 PM
Surr: 1,2-Dichloroethane-d4	98.1		85.3-116		%REC	1	10/9/2012 3:58:00 PM
Surr: 4-Bromofluorobenzene	96.4		88.1-120		%REC	1	10/9/2012 3:58:00 PM
Surr: Dibromofluoromethane	97.9		94.2-122		%REC	1	10/9/2012 3:58:00 PM
Surr: Toluene-d8	104		86.2-135		%REC	1	10/9/2012 3:58:00 PM

Specialty Analytical

Date Reported: 31-Oct-12

CLIENT: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

Lab Order: 1210059

Lab ID: 1210059-015
Client Sample ID: MW15_100712

Collection Date: 10/7/2012 9:20:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1,1,2-Tetrachloroethane	ND	0.057	1.00		µg/L	1	10/9/2012 4:21:00 PM
1,1,1-Trichloroethane	ND	0.053	1.00		µg/L	1	10/9/2012 4:21:00 PM
1,1,2,2-Tetrachloroethane	0.160	0.148	1.00	J	µg/L	1	10/9/2012 4:21:00 PM
1,1,2-Trichloroethane	ND	0.204	1.00		µg/L	1	10/9/2012 4:21:00 PM
1,1-Dichloroethane	ND	0.085	1.00		µg/L	1	10/9/2012 4:21:00 PM
1,1-Dichloroethene	ND	0.096	1.00		µg/L	1	10/9/2012 4:21:00 PM
1,1-Dichloropropene	ND	0.065	1.00		µg/L	1	10/9/2012 4:21:00 PM
1,2,3-Trichlorobenzene	ND	0.118	1.00		µg/L	1	10/9/2012 4:21:00 PM
1,2,3-Trichloropropane	ND	0.167	1.00		µg/L	1	10/9/2012 4:21:00 PM
1,2,4-Trichlorobenzene	ND	0.087	1.00		µg/L	1	10/9/2012 4:21:00 PM
1,2,4-Trimethylbenzene	ND	0.152	1.00		µg/L	1	10/9/2012 4:21:00 PM
1,2-Dibromo-3-chloropropane	ND	0.373	1.00		µg/L	1	10/9/2012 4:21:00 PM
1,2-Dibromoethane	ND	0.108	1.00		µg/L	1	10/9/2012 4:21:00 PM
1,2-Dichlorobenzene	ND	0.054	1.00		µg/L	1	10/9/2012 4:21:00 PM
1,2-Dichloroethane	ND	0.087	1.00		µg/L	1	10/9/2012 4:21:00 PM
1,2-Dichloropropane	ND	0.096	1.00		µg/L	1	10/9/2012 4:21:00 PM
1,3,5-Trimethylbenzene	ND	0.031	1.00		µg/L	1	10/9/2012 4:21:00 PM
1,3-Dichlorobenzene	ND	0.066	1.00		µg/L	1	10/9/2012 4:21:00 PM
1,3-Dichloropropane	ND	0.067	1.00		µg/L	1	10/9/2012 4:21:00 PM
1,4-Dichlorobenzene	ND	0.038	1.00		µg/L	1	10/9/2012 4:21:00 PM
2,2-Dichloropropane	ND	0.088	1.00		µg/L	1	10/9/2012 4:21:00 PM
2-Butanone	ND	0.333	10.0		µg/L	1	10/9/2012 4:21:00 PM
2-Chlorotoluene	ND	0.025	1.00		µg/L	1	10/9/2012 4:21:00 PM
2-Hexanone	ND	0.214	10.0		µg/L	1	10/9/2012 4:21:00 PM
4-Chlorotoluene	ND	0.121	1.00		µg/L	1	10/9/2012 4:21:00 PM
4-Isopropyltoluene	ND	0.024	1.00		µg/L	1	10/9/2012 4:21:00 PM
4-Methyl-2-pentanone	ND	0.435	20.0		µg/L	1	10/9/2012 4:21:00 PM
Acetone	1.85	0.559	50.0	J	µg/L	1	10/9/2012 4:21:00 PM
Acrylonitrile	ND	0.059	5.00		µg/L	1	10/9/2012 4:21:00 PM
Benzene	ND	0.031	0.300		µg/L	1	10/9/2012 4:21:00 PM
Bromobenzene	ND	0.059	1.00		µg/L	1	10/9/2012 4:21:00 PM
Bromochloromethane	ND	0.130	1.00		µg/L	1	10/9/2012 4:21:00 PM
Bromodichloromethane	ND	0.055	1.00		µg/L	1	10/9/2012 4:21:00 PM
Bromoform	0.160	0.061	1.00	J	µg/L	1	10/9/2012 4:21:00 PM
Bromomethane	ND	0.486	1.00		µg/L	1	10/9/2012 4:21:00 PM
Carbon disulfide	ND	0.058	2.00		µg/L	1	10/9/2012 4:21:00 PM
Carbon tetrachloride	ND	0.073	1.00		µg/L	1	10/9/2012 4:21:00 PM
Chlorobenzene	ND	0.070	1.00		µg/L	1	10/9/2012 4:21:00 PM

Specialty Analytical

Date Reported: 31-Oct-12

CLIENT: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

Lab Order: 1210059

VOLATILE ORGANICS BY GC/MS

SW8260B

Analyst: ep

Chloroethane	0.230	0.203	1.00	J	µg/L	1	10/9/2012 4:21:00 PM
Chloroform	ND	0.066	1.00		µg/L	1	10/9/2012 4:21:00 PM
Chloromethane	ND	0.072	1.00		µg/L	1	10/9/2012 4:21:00 PM
cis-1,2-Dichloroethene	ND	0.066	1.00		µg/L	1	10/9/2012 4:21:00 PM
cis-1,3-Dichloropropene	ND	0.077	1.00		µg/L	1	10/9/2012 4:21:00 PM
Dibromochloromethane	ND	0.067	1.00		µg/L	1	10/9/2012 4:21:00 PM
Dibromomethane	ND	0.060	1.00		µg/L	1	10/9/2012 4:21:00 PM
Dichlorodifluoromethane	ND	0.082	1.00		µg/L	1	10/9/2012 4:21:00 PM
Ethylbenzene	ND	0.049	1.00		µg/L	1	10/9/2012 4:21:00 PM
Hexachlorobutadiene	ND	0.093	1.00		µg/L	1	10/9/2012 4:21:00 PM
Isopropylbenzene	ND	0.036	1.00		µg/L	1	10/9/2012 4:21:00 PM
m,p-Xylene	ND	0.186	2.00		µg/L	1	10/9/2012 4:21:00 PM
Methyl tert-butyl ether	ND	0.063	1.00		µg/L	1	10/9/2012 4:21:00 PM
Methylene chloride	ND	0.681	20.0		µg/L	1	10/9/2012 4:21:00 PM
Naphthalene	0.250	0.152	1.00	J	µg/L	1	10/9/2012 4:21:00 PM
n-Butylbenzene	ND	0.061	1.00		µg/L	1	10/9/2012 4:21:00 PM
n-Propylbenzene	ND	0.032	1.00		µg/L	1	10/9/2012 4:21:00 PM
o-Xylene	ND	0.031	1.00		µg/L	1	10/9/2012 4:21:00 PM
sec-Butylbenzene	ND	0.030	1.00		µg/L	1	10/9/2012 4:21:00 PM
Styrene	ND	0.028	1.00		µg/L	1	10/9/2012 4:21:00 PM
tert-Butylbenzene	ND	0.068	1.00		µg/L	1	10/9/2012 4:21:00 PM
Tetrachloroethene	17.1	0.067	1.00		µg/L	1	10/9/2012 4:21:00 PM
Toluene	0.120	0.057	1.00	J	µg/L	1	10/9/2012 4:21:00 PM
trans-1,2-Dichloroethene	ND	0.083	1.00		µg/L	1	10/9/2012 4:21:00 PM
trans-1,3-Dichloropropene	ND	0.039	1.00		µg/L	1	10/9/2012 4:21:00 PM
Trichloroethene	0.520	0.087	1.00	J	µg/L	1	10/9/2012 4:21:00 PM
Trichlorofluoromethane	ND	0.085	1.00		µg/L	1	10/9/2012 4:21:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	10/9/2012 4:21:00 PM
Surr: 1,2-Dichloroethane-d4	99.2	85.3-116			%REC	1	10/9/2012 4:21:00 PM
Surr: 4-Bromofluorobenzene	95.5	88.1-120			%REC	1	10/9/2012 4:21:00 PM
Surr: Dibromofluoromethane	97.4	94.2-122			%REC	1	10/9/2012 4:21:00 PM
Surr: Toluene-d8	102	86.2-135			%REC	1	10/9/2012 4:21:00 PM

Specialty Analytical

Date Reported: 31-Oct-12

CLIENT: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

Lab Order: 1210059

Lab ID: 1210059-016
Client Sample ID: MW16_100712

Collection Date: 10/7/2012 11:22:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1,1,2-Tetrachloroethane	ND	0.057	1.00		µg/L	1	10/9/2012 4:43:00 PM
1,1,1-Trichloroethane	ND	0.053	1.00		µg/L	1	10/9/2012 4:43:00 PM
1,1,2,2-Tetrachloroethane	0.170	0.148	1.00	J	µg/L	1	10/9/2012 4:43:00 PM
1,1,2-Trichloroethane	ND	0.204	1.00		µg/L	1	10/9/2012 4:43:00 PM
1,1-Dichloroethane	ND	0.085	1.00		µg/L	1	10/9/2012 4:43:00 PM
1,1-Dichloroethene	ND	0.096	1.00		µg/L	1	10/9/2012 4:43:00 PM
1,1-Dichloropropene	ND	0.065	1.00		µg/L	1	10/9/2012 4:43:00 PM
1,2,3-Trichlorobenzene	ND	0.118	1.00		µg/L	1	10/9/2012 4:43:00 PM
1,2,3-Trichloropropane	ND	0.167	1.00		µg/L	1	10/9/2012 4:43:00 PM
1,2,4-Trichlorobenzene	ND	0.087	1.00		µg/L	1	10/9/2012 4:43:00 PM
1,2,4-Trimethylbenzene	ND	0.152	1.00		µg/L	1	10/9/2012 4:43:00 PM
1,2-Dibromo-3-chloropropane	ND	0.373	1.00		µg/L	1	10/9/2012 4:43:00 PM
1,2-Dibromoethane	ND	0.108	1.00		µg/L	1	10/9/2012 4:43:00 PM
1,2-Dichlorobenzene	ND	0.054	1.00		µg/L	1	10/9/2012 4:43:00 PM
1,2-Dichloroethane	0.120	0.087	1.00	J	µg/L	1	10/9/2012 4:43:00 PM
1,2-Dichloropropane	ND	0.096	1.00		µg/L	1	10/9/2012 4:43:00 PM
1,3,5-Trimethylbenzene	ND	0.031	1.00		µg/L	1	10/9/2012 4:43:00 PM
1,3-Dichlorobenzene	ND	0.066	1.00		µg/L	1	10/9/2012 4:43:00 PM
1,3-Dichloropropane	ND	0.067	1.00		µg/L	1	10/9/2012 4:43:00 PM
1,4-Dichlorobenzene	ND	0.038	1.00		µg/L	1	10/9/2012 4:43:00 PM
2,2-Dichloropropane	ND	0.088	1.00		µg/L	1	10/9/2012 4:43:00 PM
2-Butanone	ND	0.333	10.0		µg/L	1	10/9/2012 4:43:00 PM
2-Chlorotoluene	ND	0.025	1.00		µg/L	1	10/9/2012 4:43:00 PM
2-Hexanone	ND	0.214	10.0		µg/L	1	10/9/2012 4:43:00 PM
4-Chlorotoluene	ND	0.121	1.00		µg/L	1	10/9/2012 4:43:00 PM
4-Isopropyltoluene	ND	0.024	1.00		µg/L	1	10/9/2012 4:43:00 PM
4-Methyl-2-pentanone	ND	0.435	20.0		µg/L	1	10/9/2012 4:43:00 PM
Acetone	1.87	0.559	50.0	J	µg/L	1	10/9/2012 4:43:00 PM
Acrylonitrile	ND	0.059	5.00		µg/L	1	10/9/2012 4:43:00 PM
Benzene	0.110	0.031	0.300	J	µg/L	1	10/9/2012 4:43:00 PM
Bromobenzene	ND	0.059	1.00		µg/L	1	10/9/2012 4:43:00 PM
Bromochloromethane	ND	0.130	1.00		µg/L	1	10/9/2012 4:43:00 PM
Bromodichloromethane	ND	0.055	1.00		µg/L	1	10/9/2012 4:43:00 PM
Bromoform	0.200	0.061	1.00	J	µg/L	1	10/9/2012 4:43:00 PM
Bromomethane	0.500	0.486	1.00	J	µg/L	1	10/9/2012 4:43:00 PM
Carbon disulfide	ND	0.058	2.00		µg/L	1	10/9/2012 4:43:00 PM
Carbon tetrachloride	ND	0.073	1.00		µg/L	1	10/9/2012 4:43:00 PM
Chlorobenzene	ND	0.070	1.00		µg/L	1	10/9/2012 4:43:00 PM

Specialty Analytical

Date Reported: 31-Oct-12

CLIENT: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

Lab Order: 1210059

VOLATILE ORGANICS BY GC/MS

SW8260B

Analyst: ep

Chloroethane	ND	0.203	1.00		µg/L	1	10/9/2012 4:43:00 PM
Chloroform	ND	0.066	1.00		µg/L	1	10/9/2012 4:43:00 PM
Chloromethane	ND	0.072	1.00		µg/L	1	10/9/2012 4:43:00 PM
cis-1,2-Dichloroethene	ND	0.066	1.00		µg/L	1	10/9/2012 4:43:00 PM
cis-1,3-Dichloropropene	ND	0.077	1.00		µg/L	1	10/9/2012 4:43:00 PM
Dibromochloromethane	ND	0.067	1.00		µg/L	1	10/9/2012 4:43:00 PM
Dibromomethane	ND	0.060	1.00		µg/L	1	10/9/2012 4:43:00 PM
Dichlorodifluoromethane	ND	0.082	1.00		µg/L	1	10/9/2012 4:43:00 PM
Ethylbenzene	ND	0.049	1.00		µg/L	1	10/9/2012 4:43:00 PM
Hexachlorobutadiene	ND	0.093	1.00		µg/L	1	10/9/2012 4:43:00 PM
Isopropylbenzene	ND	0.036	1.00		µg/L	1	10/9/2012 4:43:00 PM
m,p-Xylene	ND	0.186	2.00		µg/L	1	10/9/2012 4:43:00 PM
Methyl tert-butyl ether	ND	0.063	1.00		µg/L	1	10/9/2012 4:43:00 PM
Methylene chloride	ND	0.681	20.0		µg/L	1	10/9/2012 4:43:00 PM
Naphthalene	0.190	0.152	1.00	J	µg/L	1	10/9/2012 4:43:00 PM
n-Butylbenzene	ND	0.061	1.00		µg/L	1	10/9/2012 4:43:00 PM
n-Propylbenzene	ND	0.032	1.00		µg/L	1	10/9/2012 4:43:00 PM
o-Xylene	ND	0.031	1.00		µg/L	1	10/9/2012 4:43:00 PM
sec-Butylbenzene	ND	0.030	1.00		µg/L	1	10/9/2012 4:43:00 PM
Styrene	ND	0.028	1.00		µg/L	1	10/9/2012 4:43:00 PM
tert-Butylbenzene	ND	0.068	1.00		µg/L	1	10/9/2012 4:43:00 PM
Tetrachloroethene	17.2	0.067	1.00		µg/L	1	10/9/2012 4:43:00 PM
Toluene	ND	0.057	1.00		µg/L	1	10/9/2012 4:43:00 PM
trans-1,2-Dichloroethene	ND	0.083	1.00		µg/L	1	10/9/2012 4:43:00 PM
trans-1,3-Dichloropropene	ND	0.039	1.00		µg/L	1	10/9/2012 4:43:00 PM
Trichloroethene	0.360	0.087	1.00	J	µg/L	1	10/9/2012 4:43:00 PM
Trichlorofluoromethane	ND	0.085	1.00		µg/L	1	10/9/2012 4:43:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	10/9/2012 4:43:00 PM
Surr: 1,2-Dichloroethane-d4	98.4		85.3-116		%REC	1	10/9/2012 4:43:00 PM
Surr: 4-Bromofluorobenzene	95.7		88.1-120		%REC	1	10/9/2012 4:43:00 PM
Surr: Dibromofluoromethane	98.0		94.2-122		%REC	1	10/9/2012 4:43:00 PM
Surr: Toluene-d8	103		86.2-135		%REC	1	10/9/2012 4:43:00 PM

Specialty Analytical

Date Reported: 31-Oct-12

CLIENT: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

Lab Order: 1210059

Lab ID: 1210059-017
Client Sample ID: MW13_100712

Collection Date: 10/7/2012 1:35:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1,1,2-Tetrachloroethane	ND	0.057	1.00		µg/L	1	10/9/2012 5:06:00 PM
1,1,1-Trichloroethane	ND	0.053	1.00		µg/L	1	10/9/2012 5:06:00 PM
1,1,2,2-Tetrachloroethane	0.170	0.148	1.00	J	µg/L	1	10/9/2012 5:06:00 PM
1,1,2-Trichloroethane	ND	0.204	1.00		µg/L	1	10/9/2012 5:06:00 PM
1,1-Dichloroethane	ND	0.085	1.00		µg/L	1	10/9/2012 5:06:00 PM
1,1-Dichloroethene	ND	0.096	1.00		µg/L	1	10/9/2012 5:06:00 PM
1,1-Dichloropropene	ND	0.065	1.00		µg/L	1	10/9/2012 5:06:00 PM
1,2,3-Trichlorobenzene	ND	0.118	1.00		µg/L	1	10/9/2012 5:06:00 PM
1,2,3-Trichloropropane	ND	0.167	1.00		µg/L	1	10/9/2012 5:06:00 PM
1,2,4-Trichlorobenzene	ND	0.087	1.00		µg/L	1	10/9/2012 5:06:00 PM
1,2,4-Trimethylbenzene	ND	0.152	1.00		µg/L	1	10/9/2012 5:06:00 PM
1,2-Dibromo-3-chloropropane	ND	0.373	1.00		µg/L	1	10/9/2012 5:06:00 PM
1,2-Dibromoethane	ND	0.108	1.00		µg/L	1	10/9/2012 5:06:00 PM
1,2-Dichlorobenzene	ND	0.054	1.00		µg/L	1	10/9/2012 5:06:00 PM
1,2-Dichloroethane	0.120	0.087	1.00	J	µg/L	1	10/9/2012 5:06:00 PM
1,2-Dichloropropane	ND	0.096	1.00		µg/L	1	10/9/2012 5:06:00 PM
1,3,5-Trimethylbenzene	ND	0.031	1.00		µg/L	1	10/9/2012 5:06:00 PM
1,3-Dichlorobenzene	ND	0.066	1.00		µg/L	1	10/9/2012 5:06:00 PM
1,3-Dichloropropane	ND	0.067	1.00		µg/L	1	10/9/2012 5:06:00 PM
1,4-Dichlorobenzene	ND	0.038	1.00		µg/L	1	10/9/2012 5:06:00 PM
2,2-Dichloropropane	ND	0.088	1.00		µg/L	1	10/9/2012 5:06:00 PM
2-Butanone	ND	0.333	10.0		µg/L	1	10/9/2012 5:06:00 PM
2-Chlorotoluene	ND	0.025	1.00		µg/L	1	10/9/2012 5:06:00 PM
2-Hexanone	ND	0.214	10.0		µg/L	1	10/9/2012 5:06:00 PM
4-Chlorotoluene	ND	0.121	1.00		µg/L	1	10/9/2012 5:06:00 PM
4-Isopropyltoluene	ND	0.024	1.00		µg/L	1	10/9/2012 5:06:00 PM
4-Methyl-2-pentanone	ND	0.435	20.0		µg/L	1	10/9/2012 5:06:00 PM
Acetone	2.02	0.559	50.0	J	µg/L	1	10/9/2012 5:06:00 PM
Acrylonitrile	ND	0.059	5.00		µg/L	1	10/9/2012 5:06:00 PM
Benzene	0.110	0.031	0.300	J	µg/L	1	10/9/2012 5:06:00 PM
Bromobenzene	ND	0.059	1.00		µg/L	1	10/9/2012 5:06:00 PM
Bromochloromethane	ND	0.130	1.00		µg/L	1	10/9/2012 5:06:00 PM
Bromodichloromethane	ND	0.055	1.00		µg/L	1	10/9/2012 5:06:00 PM
Bromoform	0.180	0.061	1.00	J	µg/L	1	10/9/2012 5:06:00 PM
Bromomethane	0.550	0.486	1.00	J	µg/L	1	10/9/2012 5:06:00 PM
Carbon disulfide	ND	0.058	2.00		µg/L	1	10/9/2012 5:06:00 PM
Carbon tetrachloride	ND	0.073	1.00		µg/L	1	10/9/2012 5:06:00 PM
Chlorobenzene	ND	0.070	1.00		µg/L	1	10/9/2012 5:06:00 PM

Specialty Analytical

Date Reported: 31-Oct-12

CLIENT: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

Lab Order: 1210059

VOLATILE ORGANICS BY GC/MS

SW8260B

Analyst: ep

Chloroethane	ND	0.203	1.00		µg/L	1	10/9/2012 5:06:00 PM
Chloroform	0.190	0.066	1.00	J	µg/L	1	10/9/2012 5:06:00 PM
Chloromethane	1.53	0.072	1.00		µg/L	1	10/9/2012 5:06:00 PM
cis-1,2-Dichloroethene	0.400	0.066	1.00	J	µg/L	1	10/9/2012 5:06:00 PM
cis-1,3-Dichloropropene	ND	0.077	1.00		µg/L	1	10/9/2012 5:06:00 PM
Dibromochloromethane	0.120	0.067	1.00	J	µg/L	1	10/9/2012 5:06:00 PM
Dibromomethane	ND	0.060	1.00		µg/L	1	10/9/2012 5:06:00 PM
Dichlorodifluoromethane	ND	0.082	1.00		µg/L	1	10/9/2012 5:06:00 PM
Ethylbenzene	ND	0.049	1.00		µg/L	1	10/9/2012 5:06:00 PM
Hexachlorobutadiene	ND	0.093	1.00		µg/L	1	10/9/2012 5:06:00 PM
Isopropylbenzene	ND	0.036	1.00		µg/L	1	10/9/2012 5:06:00 PM
m,p-Xylene	ND	0.186	2.00		µg/L	1	10/9/2012 5:06:00 PM
Methyl tert-butyl ether	ND	0.063	1.00		µg/L	1	10/9/2012 5:06:00 PM
Methylene chloride	ND	0.681	20.0		µg/L	1	10/9/2012 5:06:00 PM
Naphthalene	ND	0.152	1.00		µg/L	1	10/9/2012 5:06:00 PM
n-Butylbenzene	ND	0.061	1.00		µg/L	1	10/9/2012 5:06:00 PM
n-Propylbenzene	ND	0.032	1.00		µg/L	1	10/9/2012 5:06:00 PM
o-Xylene	ND	0.031	1.00		µg/L	1	10/9/2012 5:06:00 PM
sec-Butylbenzene	ND	0.030	1.00		µg/L	1	10/9/2012 5:06:00 PM
Styrene	ND	0.028	1.00		µg/L	1	10/9/2012 5:06:00 PM
tert-Butylbenzene	ND	0.068	1.00		µg/L	1	10/9/2012 5:06:00 PM
Tetrachloroethene	176	0.067	1.00		µg/L	1	10/9/2012 5:06:00 PM
Toluene	ND	0.057	1.00		µg/L	1	10/9/2012 5:06:00 PM
trans-1,2-Dichloroethene	0.170	0.083	1.00	J	µg/L	1	10/9/2012 5:06:00 PM
trans-1,3-Dichloropropene	ND	0.039	1.00		µg/L	1	10/9/2012 5:06:00 PM
Trichloroethene	13.1	0.087	1.00		µg/L	1	10/9/2012 5:06:00 PM
Trichlorofluoromethane	ND	0.085	1.00		µg/L	1	10/9/2012 5:06:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	10/9/2012 5:06:00 PM
Surr: 1,2-Dichloroethane-d4	99.0	85.3-116			%REC	1	10/9/2012 5:06:00 PM
Surr: 4-Bromofluorobenzene	95.7	88.1-120			%REC	1	10/9/2012 5:06:00 PM
Surr: Dibromofluoromethane	98.6	94.2-122			%REC	1	10/9/2012 5:06:00 PM
Surr: Toluene-d8	103	86.2-135			%REC	1	10/9/2012 5:06:00 PM

QC SUMMARY REPORT

WO#: 1210059

31-Oct-12

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

TestCode: 8260_W

Sample ID: LCS	SampType: LCS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 6553						
Client ID: LCSW	Batch ID: R6553	TestNo: SW8260B		Analysis Date: 10/9/2012	SeqNo: 83799						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	39.4	1.00	40.00	0	98.5	61.2	135				
Benzene	41.2	0.300	40.00	0	103	76.8	125				
Chlorobenzene	43.5	1.00	40.00	0	109	84.1	116				
Toluene	45.2	1.00	40.00	0	113	82	122				
Trichloroethene	40.6	1.00	40.00	0	101	68.5	124				

Sample ID: MB	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 6553						
Client ID: PBW	Batch ID: R6553	TestNo: SW8260B		Analysis Date: 10/9/2012	SeqNo: 83800						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	1.00									
1,1,1-Trichloroethane	ND	1.00									
1,1,2,2-Tetrachloroethane	ND	1.00									
1,1,2-Trichloroethane	ND	1.00									
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,1-Dichloropropene	0.130	1.00									J
1,2,3-Trichlorobenzene	0.870	1.00									J
1,2,3-Trichloropropane	ND	1.00									
1,2,4-Trichlorobenzene	0.550	1.00									J
1,2,4-Trimethylbenzene	ND	1.00									
1,2-Dibromo-3-chloropropane	ND	1.00									
1,2-Dibromoethane	ND	1.00									
1,2-Dichlorobenzene	0.210	1.00									J
1,2-Dichloroethane	ND	1.00									

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit Page 1 of 8
R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

WO#: 1210059

31-Oct-12

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

TestCode: 8260_W

Sample ID: MB	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 6553						
Client ID: PBW	Batch ID: R6553	TestNo: SW8260B		Analysis Date: 10/9/2012	SeqNo: 83800						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dichloropropane	ND	1.00									
1,3,5-Trimethylbenzene	ND	1.00									
1,3-Dichlorobenzene	0.210	1.00									J
1,3-Dichloropropane	ND	1.00									
1,4-Dichlorobenzene	0.390	1.00									J
2,2-Dichloropropane	ND	1.00									
2-Butanone	0.390	10.0									J
2-Chlorotoluene	0.160	1.00									J
2-Hexanone	ND	10.0									
4-Chlorotoluene	0.160	1.00									J
4-Isopropyltoluene	0.120	1.00									J
4-Methyl-2-pentanone	ND	20.0									
Acetone	3.14	50.0									J
Acrylonitrile	ND	5.00									
Benzene	0.160	0.300									J
Bromobenzene	0.160	1.00									J
Bromochloromethane	ND	1.00									
Bromodichloromethane	ND	1.00									
Bromoform	0.240	1.00									J
Bromomethane	0.820	1.00									J
Carbon disulfide	0.240	2.00									J
Carbon tetrachloride	ND	1.00									
Chlorobenzene	0.130	1.00									J
Chloroethane	0.380	1.00									J
Chloroform	ND	1.00									
Chloromethane	ND	1.00									

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit Page 2 of 8
R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

WO#: 1210059

31-Oct-12

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

TestCode: 8260_W

Sample ID: MB	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 6553						
Client ID: PBW	Batch ID: R6553	TestNo: SW8260B		Analysis Date: 10/9/2012	SeqNo: 83800						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,2-Dichloroethene	0.140	1.00									J
cis-1,3-Dichloropropene	ND	1.00									
Dibromochloromethane	ND	1.00									
Dibromomethane	ND	1.00									
Dichlorodifluoromethane	0.120	1.00									J
Ethylbenzene	0.210	1.00									J
Hexachlorobutadiene	0.810	1.00									J
Isopropylbenzene	ND	1.00									
m,p-Xylene	0.190	2.00									J
Methyl tert-butyl ether	ND	1.00									
Methylene chloride	3.00	20.0									J
Naphthalene	2.53	1.00									
n-Butylbenzene	0.390	1.00									J
n-Propylbenzene	0.250	1.00									J
o-Xylene	ND	1.00									
sec-Butylbenzene	0.110	1.00									J
Styrene	ND	1.00									
tert-Butylbenzene	ND	1.00									
Tetrachloroethene	0.150	1.00									J
Toluene	0.110	1.00									J
trans-1,2-Dichloroethene	0.130	1.00									J
trans-1,3-Dichloropropene	ND	1.00									
Trichloroethene	ND	1.00									
Trichlorofluoromethane	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	96.3		100.0		96.3	85.3	116				

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

WO#: 1210059

31-Oct-12

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

TestCode: 8260_W

Sample ID: MB	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 6553						
Client ID: PBW	Batch ID: R6553	TestNo: SW8260B		Analysis Date: 10/9/2012	SeqNo: 83800						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	95.8		100.0		95.8	88.1	120				
Surr: Dibromofluoromethane	93.6		100.0		93.6	94.2	122				S
Surr: Toluene-d8	102		100.0		102	86.2	135				

Sample ID: 1210059-001AMS	SampType: MS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 6553						
Client ID: MW14-100312	Batch ID: R6553	TestNo: SW8260B		Analysis Date: 10/9/2012	SeqNo: 83818						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	47.0	1.00	40.00	0	118	57.3	165				
Benzene	48.3	0.300	40.00	0.130	120	74.1	136				
Chlorobenzene	50.2	1.00	40.00	0	125	70.7	133				
Toluene	49.9	1.00	40.00	0	125	68.4	135				
Trichloroethene	47.2	1.00	40.00	0.340	117	50.8	164				

Sample ID: 1210059-001AMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 6553						
Client ID: MW14-100312	Batch ID: R6553	TestNo: SW8260B		Analysis Date: 10/9/2012	SeqNo: 83819						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	47.6	1.00	40.00	0	119	57.3	165	47.04	1.08	20	
Benzene	48.4	0.300	40.00	0.130	121	74.1	136	48.32	0.248	20	
Chlorobenzene	49.6	1.00	40.00	0	124	70.7	133	50.16	1.12	20	
Toluene	49.3	1.00	40.00	0	123	68.4	135	49.92	1.21	20	
Trichloroethene	46.5	1.00	40.00	0.340	115	50.8	164	47.25	1.66	20	

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit Page 4 of 8
R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

WO#: 1210059

31-Oct-12

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

TestCode: 8260_W

Sample ID: CCV	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 6553						
Client ID: CCV	Batch ID: R6553	TestNo: SW8260B		Analysis Date: 10/10/2012	SeqNo: 83820						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	44.1	1.00	40.00	0	110	80	120				
1,2-Dichloropropane	39.7	1.00	40.00	0	99.2	80	120				
Chloroform	42.4	1.00	40.00	0	106	80	120				
Ethylbenzene	37.3	1.00	40.00	0	93.3	80	120				
Toluene	35.3	1.00	40.00	0	88.3	80	120				
Vinyl chloride	43.2	1.00	40.00	0	108	80	120				

Sample ID: CCB	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 6553						
Client ID: CCB	Batch ID: R6553	TestNo: SW8260B		Analysis Date: 10/10/2012	SeqNo: 83821						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	1.00									
1,1,1-Trichloroethane	ND	1.00									
1,1,2,2-Tetrachloroethane	ND	1.00									
1,1,2-Trichloroethane	ND	1.00									
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,1-Dichloropropene	ND	1.00									
1,2,3-Trichlorobenzene	0.660	1.00									
1,2,3-Trichloropropane	ND	1.00									
1,2,4-Trichlorobenzene	0.490	1.00									
1,2,4-Trimethylbenzene	ND	1.00									
1,2-Dibromo-3-chloropropane	ND	1.00									
1,2-Dibromoethane	ND	1.00									
1,2-Dichlorobenzene	0.200	1.00									

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit Page 5 of 8
R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

WO#: 1210059

31-Oct-12

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

TestCode: 8260_W

Sample ID: CCB	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 6553						
Client ID: CCB	Batch ID: R6553	TestNo: SW8260B		Analysis Date: 10/10/2012	SeqNo: 83821						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dichloroethane	0.150	1.00									
1,2-Dichloropropane	ND	1.00									
1,3,5-Trimethylbenzene	ND	1.00									
1,3-Dichlorobenzene	0.180	1.00									
1,3-Dichloropropane	ND	1.00									
1,4-Dichlorobenzene	0.170	1.00									
2,2-Dichloropropane	ND	1.00									
2-Butanone	ND	10.0									
2-Chlorotoluene	ND	1.00									
2-Hexanone	ND	10.0									
4-Chlorotoluene	ND	1.00									
4-Isopropyltoluene	0.110	1.00									
4-Methyl-2-pentanone	ND	20.0									
Acetone	3.61	50.0									
Acrylonitrile	ND	5.00									
Benzene	0.130	0.300									
Bromobenzene	0.140	1.00									
Bromochloromethane	ND	1.00									
Bromodichloromethane	ND	1.00									
Bromoform	0.230	1.00									
Bromomethane	ND	1.00									
Carbon disulfide	0.150	2.00									
Carbon tetrachloride	ND	1.00									
Chlorobenzene	0.100	1.00									
Chloroethane	ND	1.00									
Chloroform	ND	1.00									

Qualifiers: B Analyte detected in the associated Method Blank
 R RPD outside accepted recovery limits

H Holding times for preparation or analysis exceeded
 S Spike Recovery outside accepted recovery limits

ND Not Detected at the Reporting Limit

QC SUMMARY REPORT

WO#: 1210059

31-Oct-12

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

TestCode: 8260_W

Sample ID: CCB	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 6553						
Client ID: CCB	Batch ID: R6553	TestNo: SW8260B		Analysis Date: 10/10/2012	SeqNo: 83821						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloromethane	ND	1.00									
cis-1,2-Dichloroethene	0.200	1.00									
cis-1,3-Dichloropropene	ND	1.00									
Dibromochloromethane	ND	1.00									
Dibromomethane	ND	1.00									
Dichlorodifluoromethane	ND	1.00									
Ethylbenzene	0.120	1.00									
Hexachlorobutadiene	0.580	1.00									
Isopropylbenzene	ND	1.00									
m,p-Xylene	ND	2.00									
Methyl tert-butyl ether	ND	1.00									
Methylene chloride	4.64	20.0									
Naphthalene	1.44	1.00									
n-Butylbenzene	0.330	1.00									
n-Propylbenzene	0.200	1.00									
o-Xylene	ND	1.00									
sec-Butylbenzene	ND	1.00									
Styrene	ND	1.00									
tert-Butylbenzene	ND	1.00									
Tetrachloroethene	0.410	1.00									
Toluene	ND	1.00									
trans-1,2-Dichloroethene	0.140	1.00									
trans-1,3-Dichloropropene	ND	1.00									
Trichloroethene	ND	1.00									
Trichlorofluoromethane	ND	1.00									
Vinyl chloride	ND	1.00									

Qualifiers: B Analyte detected in the associated Method Blank
 R RPD outside accepted recovery limits

H Holding times for preparation or analysis exceeded
 S Spike Recovery outside accepted recovery limits

ND Not Detected at the Reporting Limit

QC SUMMARY REPORT

WO#: 1210059

31-Oct-12

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

TestCode: 8260_W

Sample ID: CCB	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 6553						
Client ID: CCB	Batch ID: R6553	TestNo: SW8260B		Analysis Date: 10/10/2012	SeqNo: 83821						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	98.5		100.0		98.5	85.3	116				
Surr: 4-Bromofluorobenzene	95.3		100.0		95.3	88.1	120				
Surr: Dibromofluoromethane	101		100.0		101	94.2	122				
Surr: Toluene-d8	103		100.0		103	86.2	135				

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit Page 8 of 8
R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

KEY TO FLAGS

Rev. May 12, 2010

- A This sample contains a Gasoline Range Organic not identified as a specific hydrocarbon product. The result was quantified against gasoline calibration standards
- A1 This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was quantified against diesel calibration standards.
- A2 This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was quantified against a lube oil calibration standard.
- A3 The result was determined to be Non-Detect based on hydrocarbon pattern recognition. The product was carry-over from another hydrocarbon type.
- A4 The product appears to be aged or degraded diesel.
- B The blank exhibited a positive result great than the reporting limit for this compound.
- CN See Case Narrative.
- D Result is based from a dilution.
- E Result exceeds the calibration range for this compound. The result should be considered as estimate.
- F The positive result for this hydrocarbon is due to single component contamination. The product does not match any hydrocarbon in the fuels library.
- G Result may be biased high due to biogenic interferences. Clean up is recommended.
- H Sample was analyzed outside recommended holding time.
- HT At clients request, samples was analyzed outside of recommended holding time.
- J The result for this analyte is between the MDL and the PQL and should be considered as estimated concentration.
- K Diesel result is biased high due to amount of Oil contained in the sample.
- L Diesel result is biased high due to amount of Gasoline contained in the sample.
- M Oil result is biased high due to amount of Diesel contained in the sample.
- MC Sample concentration is greater than 4x the spiked value, the spiked value is considered insignificant.
- MI Result is outside control limits due to matrix interference.
- MSA Value determined by Method of Standard Addition.
- O Laboratory Control Standard (LCS) exceeded laboratory control limits, but meets CCV criteria. Data meets EPA requirements.
- Q Detection levels elevated due to sample matrix.
- R RPD control limits were exceeded.
- RF Duplicate failed due to result being at or near the method-reporting limit.
- RP Matrix spike values exceed established QC limits; post digestion spike is in control.
- S Recovery is outside control limits.
- SC Closing CCV or LCS exceeded high recovery control limits, but associated samples are non-detect. Data meets EPA requirements.
- * The result for this parameter was greater than the maximum contaminant level of the TCLP regulatory limit.

CHAIN OF CUSTODY RECORD

Specialty Analytical
 11711 SE Capps Road
 Clackamas, OR 97015
 Phone: 503-607-1331
 Fax: 503-607-1336

Contact Person/Project Manager: Merideth D. Andrea
 Company: Maul Foster and Alonzi
 Address: 2001 NW 19th Suite 200
Portland OR 97209
 Phone: 971 544 2139 Fax: _____
 Project No: 3000-31-02 Project Name: Park Laundry - URIC
 Project Site Location: OR WA Other _____
 Invoice To: MFA P.O. No. _____

Collected By: _____
 Signature: [Signature]
 Printed: Andrew Vidavick

Turn Around Time _____
 Normal 5-7 Business Days
 Rush _____ Specify _____

Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix	No. of Containers	Analyses				For Laboratory Use						
					CIS-12-DCE	PCE	TCE	Vinyl Chloride	Lab Job No.	Shipped Via	Air Bill No.	Temperature On Receipt	Specialty Analytical Containers?	Specialty Analytical Trip Blanks?	Lab I.D.
10/3/12	1354	MW014-10031Z	GW	5	X	X	X	X	M1005A	Specialty		4 °C	Y	Y	
10/3/12	1527	MW009-10031Z	GW	5	X	X	X	X							
10/3/12	1710	MW001-10031Z	GW	5	X	X	X	X							
10/4/12	0915	MW005-10041Z	GW	5	X	X	X	X							
10/4/12	0800	MW000P-10041Z	GW	5	X	X	X	X							
10/4/12	1222	MW004-10041Z	GW	5	X	X	X	X							
10/4/12	1410	MW007-10041Z	GW	5	X	X	X	X							
10/4/12	1715	MW010-10041Z	GW	5	X	X	X	X							
10/5/12	0941	MW002-10051Z	GW	5	X	X	X	X							
10/5/12	1045	MW003-10051Z	GW	5	X	X	X	X							
10/5/12	1310	MW008-10051Z	GW	5	X	X	X	X							
10/5/12	1445	Trip Blank	GW	2	X	X	X	X							
Relinquished By: <u>Andrew Vidavick</u>				Received By: <u>[Signature]</u>				Relinquished By: <u>Reena Mero</u>				Date: <u>10/8/12</u>			
Company: <u>MFA</u>				Company: _____				Company: <u>SFA</u>				Date: <u>10/8/12</u>			
Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.				Received For Lab By: <u>[Signature]</u>				Received For Lab By: <u>Muki Pappas</u>				Date: <u>10/8/12</u>			
Samples held beyond 60 days subject to storage fee(s)				Company: _____				Date: <u>10/8/12</u>				Time: <u>1445</u>			

CHAIN OF CUSTODY RECORD

Specialty Analytical

11711 SE Capps Road
 Clackamas, OR 97015
 Phone: 503-607-1331
 Fax: 503-607-1336

Contact Person/Project Manager Merideth D'Andrea
 Company Maul Foster and Sons
 Address 2001 NW 19th Suite 200
Portland OR 97207
 Phone 971 544 2139 Fax _____
 Project No. 80063102 Project Name Park Laundry - VREIC
 Project Site Location OR WA Other _____
 Invoice To MFA P.O. No. _____

Collected By: _____
 Signature _____
 Printed: Andrew Vidusek

Signature _____
 Printed _____

Turn Around Time _____
 Normal 5-7 Business Days
 Rush _____ Specify _____

Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix	No. of Containers	Analyses	For Laboratory Use	Date	Time
10/5/12	1440	MW04-100512	GW	5	1'-DCE PCE TMS-12-DCE Vapor Chloride	Lab Job No. <u>1710059</u> Shipped Via <u>Specialty</u> Air Bill No. _____ Temperature On Receipt <u>4</u> °C Specialty Analytical Containers? Y/N _____ Specialty Analytical Trip Blanks? Y/N _____	10/8/12	1445
10/5/12	1015	MW11-100512	GW	5				
10/7/12	0920	MW15-100712	GW	5				
10/7/12	1122	MW16-100712	GW	5				
10/7/12	1335	MW13-100712	GW	5				
						Received By: <u>Roughner</u> Company: _____	Relinquished By: <u>Roughner</u> Company: _____	
						Received For Lab By: _____	Date	Time
							10/8/12	1445
							10/8/12	1445

Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.
 Samples held beyond 60 days subject to storage fees(s)



Specialty Analytical

11711 SE Capps Road, Ste B
Clackamas, Oregon 97015
TEL: 503-607-1331 FAX: 503-607-1336
Website: www.specialtyanalytical.com

January 09, 2013

Merideth D'Andrea
Maul Foster & Alongi
400 E. Mill Plain Blvd.
Suite 400
Vancouver, Washington 98660

TEL: (360) 694-2691

FAX (360) 906-1958

RE: Park Laundry-URIC / 8006.31.02

Dear Merideth D'Andrea:

Order No.: 1212245

Specialty Analytical received 12 sample(s) on 12/21/2012 for the analyses presented in the following report.

REVISED REPORT: Please see case narrative for information on revision.

There were no problems with the analysis and all data for associated QC met EPA or laboratory specifications, except where noted in the Case Narrative, or as qualified with flags. Results apply only to the samples analyzed. Without approval of the laboratory, the reproduction of this report is only permitted in its entirety.

If you have any questions regarding these tests, please feel free to call.

Sincerely,

A handwritten signature in black ink, appearing to read "Marty French". The signature is written in a cursive, flowing style.

Marty French
Lab Director

Case Narrative

WO#: 1212245

Date: 1/9/2013

Specialty Analytical

CLIENT: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

Report Revision 1

This report has been revised to report to the MDL per clients request.

Specialty Analytical

Date Reported: 09-Jan-13

CLIENT: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

Lab Order: 1212245

Lab ID: 1212245-001 **Collection Date:** 12/18/2012 2:14:00 PM
Client Sample ID: MW08-121812 **Matrix:** GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1-Dichloroethene	0.160	0.0964	1.00	J	µg/L	1	12/26/2012 12:12:00 P
cis-1,2-Dichloroethene	0.640	0.0660	1.00	J	µg/L	1	12/26/2012 12:12:00 P
Tetrachloroethene	ND	0.0672	1.00		µg/L	1	12/26/2012 12:12:00 P
trans-1,2-Dichloroethene	0.110	0.0830	1.00	J	µg/L	1	12/26/2012 12:12:00 P
Trichloroethene	ND	0.0870	1.00		µg/L	1	12/26/2012 12:12:00 P
Vinyl chloride	ND	0.155	1.00		µg/L	1	12/26/2012 12:12:00 P
Surr: 1,2-Dichloroethane-d4	89.8	85.3-116			%REC	1	12/26/2012 12:12:00 P
Surr: 4-Bromofluorobenzene	98.6	88.1-120			%REC	1	12/26/2012 12:12:00 P
Surr: Dibromofluoromethane	94.8	94.2-122			%REC	1	12/26/2012 12:12:00 P
Surr: Toluene-d8	99.3	86.2-135			%REC	1	12/26/2012 12:12:00 P

Lab ID: 1212245-002 **Collection Date:** 12/18/2012 4:46:00 PM
Client Sample ID: MW01-121812 **Matrix:** GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	12/26/2012 12:34:00 P
cis-1,2-Dichloroethene	0.810	0.0660	1.00	J	µg/L	1	12/26/2012 12:34:00 P
Tetrachloroethene	7.26	0.0672	1.00		µg/L	1	12/26/2012 12:34:00 P
trans-1,2-Dichloroethene	0.140	0.0830	1.00	J	µg/L	1	12/26/2012 12:34:00 P
Trichloroethene	0.390	0.0870	1.00	J	µg/L	1	12/26/2012 12:34:00 P
Vinyl chloride	ND	0.155	1.00		µg/L	1	12/26/2012 12:34:00 P
Surr: 1,2-Dichloroethane-d4	90.3	85.3-116			%REC	1	12/26/2012 12:34:00 P
Surr: 4-Bromofluorobenzene	99.6	88.1-120			%REC	1	12/26/2012 12:34:00 P
Surr: Dibromofluoromethane	94.2	94.2-122		S	%REC	1	12/26/2012 12:34:00 P
Surr: Toluene-d8	103	86.2-135			%REC	1	12/26/2012 12:34:00 P

Specialty Analytical

Date Reported: 09-Jan-13

CLIENT: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

Lab Order: 1212245

Lab ID: 1212245-003
Client Sample ID: MW10-121912

Collection Date: 12/19/2012 10:45:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	12/26/2012 12:57:00 P
cis-1,2-Dichloroethene	1.07	0.0660	1.00		µg/L	1	12/26/2012 12:57:00 P
Tetrachloroethene	37.7	0.0672	1.00		µg/L	1	12/26/2012 12:57:00 P
trans-1,2-Dichloroethene	0.120	0.0830	1.00	J	µg/L	1	12/26/2012 12:57:00 P
Trichloroethene	21.1	0.0870	1.00		µg/L	1	12/26/2012 12:57:00 P
Vinyl chloride	ND	0.155	1.00		µg/L	1	12/26/2012 12:57:00 P
Surr: 1,2-Dichloroethane-d4	94.0	85.3-116			%REC	1	12/26/2012 12:57:00 P
Surr: 4-Bromofluorobenzene	99.9	88.1-120			%REC	1	12/26/2012 12:57:00 P
Surr: Dibromofluoromethane	97.9	94.2-122			%REC	1	12/26/2012 12:57:00 P
Surr: Toluene-d8	102	86.2-135			%REC	1	12/26/2012 12:57:00 P

Lab ID: 1212245-004
Client Sample ID: Trip Blank_121912

Collection Date: 12/19/2012 10:45:00 AM
Matrix: AQUEOUS

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	12/26/2012 11:49:00 A
cis-1,2-Dichloroethene	0.530	0.0660	1.00	J	µg/L	1	12/26/2012 11:49:00 A
Tetrachloroethene	ND	0.0672	1.00		µg/L	1	12/26/2012 11:49:00 A
trans-1,2-Dichloroethene	0.110	0.0830	1.00	J	µg/L	1	12/26/2012 11:49:00 A
Trichloroethene	ND	0.0870	1.00		µg/L	1	12/26/2012 11:49:00 A
Vinyl chloride	ND	0.155	1.00		µg/L	1	12/26/2012 11:49:00 A
Surr: 1,2-Dichloroethane-d4	94.9	85.3-116			%REC	1	12/26/2012 11:49:00 A
Surr: 4-Bromofluorobenzene	99.3	88.1-120			%REC	1	12/26/2012 11:49:00 A
Surr: Dibromofluoromethane	99.1	94.2-122			%REC	1	12/26/2012 11:49:00 A
Surr: Toluene-d8	102	86.2-135			%REC	1	12/26/2012 11:49:00 A

Specialty Analytical

Date Reported: 09-Jan-13

CLIENT: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

Lab Order: 1212245

Lab ID: 1212245-005 **Collection Date:** 12/19/2012 12:50:00 PM
Client Sample ID: MW14-121912 **Matrix:** GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B			Analyst: ep	
1,1-Dichloroethene	0.110	0.0964	1.00	J	µg/L	1	12/26/2012 1:19:00 PM
cis-1,2-Dichloroethene	0.510	0.0660	1.00	J	µg/L	1	12/26/2012 1:19:00 PM
Tetrachloroethene	0.440	0.0672	1.00	J	µg/L	1	12/26/2012 1:19:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	12/26/2012 1:19:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	12/26/2012 1:19:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	12/26/2012 1:19:00 PM
Surr: 1,2-Dichloroethane-d4	91.6	85.3-116			%REC	1	12/26/2012 1:19:00 PM
Surr: 4-Bromofluorobenzene	99.6	88.1-120			%REC	1	12/26/2012 1:19:00 PM
Surr: Dibromofluoromethane	96.6	94.2-122			%REC	1	12/26/2012 1:19:00 PM
Surr: Toluene-d8	105	86.2-135			%REC	1	12/26/2012 1:19:00 PM

Lab ID: 1212245-006 **Collection Date:** 12/19/2012 2:05:00 PM
Client Sample ID: MW07-121912 **Matrix:** GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B			Analyst: ep	
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	12/26/2012 1:41:00 PM
cis-1,2-Dichloroethene	0.550	0.0660	1.00	J	µg/L	1	12/26/2012 1:41:00 PM
Tetrachloroethene	10.2	0.0672	1.00		µg/L	1	12/26/2012 1:41:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	12/26/2012 1:41:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	12/26/2012 1:41:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	12/26/2012 1:41:00 PM
Surr: 1,2-Dichloroethane-d4	95.5	85.3-116			%REC	1	12/26/2012 1:41:00 PM
Surr: 4-Bromofluorobenzene	101	88.1-120			%REC	1	12/26/2012 1:41:00 PM
Surr: Dibromofluoromethane	98.0	94.2-122			%REC	1	12/26/2012 1:41:00 PM
Surr: Toluene-d8	103	86.2-135			%REC	1	12/26/2012 1:41:00 PM

Specialty Analytical

Date Reported: 09-Jan-13

CLIENT: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

Lab Order: 1212245

Lab ID: 1212245-007 **Collection Date:** 12/20/2012 9:50:00 AM
Client Sample ID: MW06-122012 **Matrix:** GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	12/26/2012 2:04:00 PM
cis-1,2-Dichloroethene	1.30	0.0660	1.00		µg/L	1	12/26/2012 2:04:00 PM
Tetrachloroethene	2.14	0.0672	1.00		µg/L	1	12/26/2012 2:04:00 PM
trans-1,2-Dichloroethene	0.240	0.0830	1.00	J	µg/L	1	12/26/2012 2:04:00 PM
Trichloroethene	4.49	0.0870	1.00		µg/L	1	12/26/2012 2:04:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	12/26/2012 2:04:00 PM
Surr: 1,2-Dichloroethane-d4	91.7	85.3-116			%REC	1	12/26/2012 2:04:00 PM
Surr: 4-Bromofluorobenzene	98.6	88.1-120			%REC	1	12/26/2012 2:04:00 PM
Surr: Dibromofluoromethane	95.2	94.2-122			%REC	1	12/26/2012 2:04:00 PM
Surr: Toluene-d8	104	86.2-135			%REC	1	12/26/2012 2:04:00 PM

Lab ID: 1212245-008 **Collection Date:** 12/20/2012 11:45:00 AM
Client Sample ID: MW03-122012 **Matrix:** GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	12/26/2012 2:26:00 PM
cis-1,2-Dichloroethene	1.00	0.0660	1.00		µg/L	1	12/26/2012 2:26:00 PM
Tetrachloroethene	1120	3.36	50.0		µg/L	50	12/27/2012 11:08:00 A
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	12/26/2012 2:26:00 PM
Trichloroethene	2.24	0.0870	1.00		µg/L	1	12/26/2012 2:26:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	12/26/2012 2:26:00 PM
Surr: 1,2-Dichloroethane-d4	96.4	85.3-116			%REC	1	12/26/2012 2:26:00 PM
Surr: 4-Bromofluorobenzene	95.7	88.1-120			%REC	1	12/26/2012 2:26:00 PM
Surr: Dibromofluoromethane	99.7	94.2-122			%REC	1	12/26/2012 2:26:00 PM
Surr: Toluene-d8	104	86.2-135			%REC	1	12/26/2012 2:26:00 PM

Specialty Analytical

Date Reported: 09-Jan-13

CLIENT: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

Lab Order: 1212245

Lab ID: 1212245-009 **Collection Date:** 12/20/2012 11:45:00 AM
Client Sample ID: MW03-122012-DUP **Matrix:** GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B			Analyst: ep	
1,1-Dichloroethene	0.140	0.0964	1.00	J	µg/L	1	12/26/2012 2:48:00 PM
cis-1,2-Dichloroethene	0.940	0.0660	1.00	J	µg/L	1	12/26/2012 2:48:00 PM
Tetrachloroethene	974	3.36	50.0		µg/L	50	12/27/2012 11:30:00 A
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	12/26/2012 2:48:00 PM
Trichloroethene	2.02	0.0870	1.00		µg/L	1	12/26/2012 2:48:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	12/26/2012 2:48:00 PM
Surr: 1,2-Dichloroethane-d4	91.0	85.3-116			%REC	1	12/26/2012 2:48:00 PM
Surr: 4-Bromofluorobenzene	99.8	88.1-120			%REC	1	12/26/2012 2:48:00 PM
Surr: Dibromofluoromethane	95.7	94.2-122			%REC	1	12/26/2012 2:48:00 PM
Surr: Toluene-d8	105	86.2-135			%REC	1	12/26/2012 2:48:00 PM

Lab ID: 1212245-010 **Collection Date:** 12/20/2012 1:20:00 PM
Client Sample ID: MW02-122012 **Matrix:** GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B			Analyst: ep	
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	12/26/2012 3:11:00 PM
cis-1,2-Dichloroethene	0.540	0.0660	1.00	J	µg/L	1	12/26/2012 3:11:00 PM
Tetrachloroethene	11.8	0.0672	1.00		µg/L	1	12/26/2012 3:11:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	12/26/2012 3:11:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	12/26/2012 3:11:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	12/26/2012 3:11:00 PM
Surr: 1,2-Dichloroethane-d4	89.3	85.3-116			%REC	1	12/26/2012 3:11:00 PM
Surr: 4-Bromofluorobenzene	98.4	88.1-120			%REC	1	12/26/2012 3:11:00 PM
Surr: Dibromofluoromethane	94.0	94.2-122		S	%REC	1	12/26/2012 3:11:00 PM
Surr: Toluene-d8	103	86.2-135			%REC	1	12/26/2012 3:11:00 PM

Specialty Analytical

Date Reported: 09-Jan-13

CLIENT: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

Lab Order: 1212245

Lab ID: 1212245-011 Collection Date: 12/20/2012 2:40:00 PM
Client Sample ID: MW13-122012 Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B			Analyst: ep	
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	12/26/2012 3:33:00 PM
cis-1,2-Dichloroethene	0.920	0.0660	1.00	J	µg/L	1	12/26/2012 3:33:00 PM
Tetrachloroethene	146	0.0672	1.00		µg/L	1	12/26/2012 3:33:00 PM
trans-1,2-Dichloroethene	0.260	0.0830	1.00	J	µg/L	1	12/26/2012 3:33:00 PM
Trichloroethene	11.3	0.0870	1.00		µg/L	1	12/26/2012 3:33:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	12/26/2012 3:33:00 PM
Surr: 1,2-Dichloroethane-d4	91.2	85.3-116			%REC	1	12/26/2012 3:33:00 PM
Surr: 4-Bromofluorobenzene	98.4	88.1-120			%REC	1	12/26/2012 3:33:00 PM
Surr: Dibromofluoromethane	94.8	94.2-122			%REC	1	12/26/2012 3:33:00 PM
Surr: Toluene-d8	104	86.2-135			%REC	1	12/26/2012 3:33:00 PM

Lab ID: 1212245-012 Collection Date: 12/20/2012 4:00:00 PM
Client Sample ID: MW11-122012 Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B			Analyst: ep	
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	12/26/2012 3:55:00 PM
cis-1,2-Dichloroethene	0.600	0.0660	1.00	J	µg/L	1	12/26/2012 3:55:00 PM
Tetrachloroethene	13.1	0.0672	1.00		µg/L	1	12/26/2012 3:55:00 PM
trans-1,2-Dichloroethene	0.170	0.0830	1.00	J	µg/L	1	12/26/2012 3:55:00 PM
Trichloroethene	0.610	0.0870	1.00	J	µg/L	1	12/26/2012 3:55:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	12/26/2012 3:55:00 PM
Surr: 1,2-Dichloroethane-d4	93.5	85.3-116			%REC	1	12/26/2012 3:55:00 PM
Surr: 4-Bromofluorobenzene	99.7	88.1-120			%REC	1	12/26/2012 3:55:00 PM
Surr: Dibromofluoromethane	97.9	94.2-122			%REC	1	12/26/2012 3:55:00 PM
Surr: Toluene-d8	104	86.2-135			%REC	1	12/26/2012 3:55:00 PM

QC SUMMARY REPORT

WO#: 1212245
09-Jan-13

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

TestCode: 8260_W

Sample ID: CCV	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 7763						
Client ID: CCV	Batch ID: R7763	TestNo: SW8260B		Analysis Date: 12/26/2012	SeqNo: 98689						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	46.7	1.00	40.00	0	117	80	120				
Vinyl chloride	44.1	1.00	40.00	0	110	80	120				

Sample ID: LCS	SampType: LCS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 7763						
Client ID: LCSW	Batch ID: R7763	TestNo: SW8260B		Analysis Date: 12/26/2012	SeqNo: 98690						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	41.6	1.00	40.00	0	104	61.2	135				
Trichloroethene	37.7	1.00	40.00	0	94.2	68.5	124				

Sample ID: MB	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 7763						
Client ID: PBW	Batch ID: R7763	TestNo: SW8260B		Analysis Date: 12/26/2012	SeqNo: 98691						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	ND	1.00									
cis-1,2-Dichloroethene	0.510	1.00									J
Tetrachloroethene	ND	1.00									
trans-1,2-Dichloroethene	0.160	1.00									J
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	94.4		100.0		94.4	85.3	116				
Surr: 4-Bromofluorobenzene	98.4		100.0		98.4	88.1	120				
Surr: Dibromofluoromethane	97.5		100.0		97.5	94.2	122				
Surr: Toluene-d8	103		100.0		103	86.2	135				

Qualifiers:

QC SUMMARY REPORT

WO#: 1212245

09-Jan-13

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

TestCode: 8260_W

Sample ID: CCV	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 7763						
Client ID: CCV	Batch ID: R7763	TestNo: SW8260B		Analysis Date: 12/27/2012	SeqNo: 99300						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	46.0	1.00	40.00	0	115	80	120				
Vinyl chloride	32.6	1.00	40.00	0	81.4	80	120				

Sample ID: CCB	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 7763						
Client ID: CCB	Batch ID: R7763	TestNo: SW8260B		Analysis Date: 12/27/2012	SeqNo: 99301						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	0.200	1.00									
cis-1,2-Dichloroethene	0.540	1.00									
Tetrachloroethene	0.120	1.00									
trans-1,2-Dichloroethene	0.130	1.00									
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	94.9		100.0		94.9	85.3	116				
Surr: 4-Bromofluorobenzene	99.1		100.0		99.1	88.1	120				
Surr: Dibromofluoromethane	98.9		100.0		98.9	94.2	122				
Surr: Toluene-d8	104		100.0		104	86.2	135				

Sample ID: 1212245-007AMS	SampType: MS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 7763						
Client ID: MW06-122012	Batch ID: R7763	TestNo: SW8260B		Analysis Date: 12/27/2012	SeqNo: 99453						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	45.6	1.00	40.00	0	114	57.3	165				
Trichloroethene	45.8	1.00	40.00	4.490	103	50.8	164				

Qualifiers:

QC SUMMARY REPORT

WO#: 1212245

09-Jan-13

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

TestCode: 8260_W

Sample ID: 1212245-007AMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 7763						
Client ID: MW06-122012	Batch ID: R7763	TestNo: SW8260B		Analysis Date: 12/27/2012	SeqNo: 99454						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	50.6	1.00	40.00	0	127	57.3	165	45.58	10.5	20	
Trichloroethene	46.9	1.00	40.00	4.490	106	50.8	164	45.84	2.26	20	

Qualifiers:

KEY TO FLAGS

Rev. May 12, 2010

- A This sample contains a Gasoline Range Organic not identified as a specific hydrocarbon product. The result was quantified against gasoline calibration standards
- A1 This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was quantified against diesel calibration standards.
- A2 This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was quantified against a lube oil calibration standard.
- A3 The result was determined to be Non-Detect based on hydrocarbon pattern recognition. The product was carry-over from another hydrocarbon type.
- A4 The product appears to be aged or degraded diesel.
- B The blank exhibited a positive result great than the reporting limit for this compound.
- CN See Case Narrative.
- D Result is based from a dilution.
- E Result exceeds the calibration range for this compound. The result should be considered as estimate.
- F The positive result for this hydrocarbon is due to single component contamination. The product does not match any hydrocarbon in the fuels library.
- G Result may be biased high due to biogenic interferences. Clean up is recommended.
- H Sample was analyzed outside recommended holding time.
- HT At clients request, samples was analyzed outside of recommended holding time.
- J The result for this analyte is between the MDL and the PQL and should be considered as estimated concentration.
- K Diesel result is biased high due to amount of Oil contained in the sample.
- L Diesel result is biased high due to amount of Gasoline contained in the sample.
- M Oil result is biased high due to amount of Diesel contained in the sample.
- MC Sample concentration is greater than 4x the spiked value, the spiked value is considered insignificant.
- MI Result is outside control limits due to matrix interference.
- MSA Value determined by Method of Standard Addition.
- O Laboratory Control Standard (LCS) exceeded laboratory control limits, but meets CCV criteria. Data meets EPA requirements.
- Q Detection levels elevated due to sample matrix.
- R RPD control limits were exceeded.
- RF Duplicate failed due to result being at or near the method-reporting limit.
- RP Matrix spike values exceed established QC limits; post digestion spike is in control.
- S Recovery is outside control limits.
- SC Closing CCV or LCS exceeded high recovery control limits, but associated samples are non-detect. Data meets EPA requirements.
- * The result for this parameter was greater than the maximum contaminant level of the TCLP regulatory limit.

CHAIN OF CUSTODY RECORD

Page of

Specialty Analytical

11711 SE Capps Road
Clackamas, OR 97015
Phone: 503-607-1331
Fax: 503-607-1336

Contact Person/Project Manager Merideth D'Andrea
Company Mawl Foster + Alogoski
Address 2001 NW 15th Suite 200
Portland OR 97209
Phone 971 544 2139 Fax
Project No. 3006-3102 Project Name Park Laundry
Project Site Location OR WA Other X
Invoice To MFA P.O. No.

Collected By:
Signature Andrew Vidourek
Printed Andrew Vidourek

Signature
Printed

Turn Around Time

Normal 5-7 Business Days

Rush

Specify

Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix
12/18/12	1414	MW08-121812	W
12/18/12	1646	MW01-121812	W
12/19/12	1045	MW10-121912	W
12/19/12	1645	TRIP BLANK	W
12/19/12	1250	MW14-121912	W
12/19/12	1405	MW07-121912	W
12/20/12	0950	MW06-122012	W
12/20/12	1145	MW03-122012	W
12/20/12	1145	MW03-122012-DUP	W
12/20/12	1320	MW02-122012	W
12/20/12	1440	MW13-122012	W
12/20/12	1600	MW11-122012	W

Relinquished By: Andrew Vidourek Date 12/20/12 Time 1400
Company: MFA

Received By: Date Time
Company:

No. of Containers	Analyses				For Laboratory Use	
	1-1-DCP	CPS-12-DCP	OCF	Trans-12-DCP		TCF
5	X	X	X	X	X	X
5	X	X	X	X	X	X
5	X	X	X	X	X	X
2	X	X	X	X	X	X
5	X	X	X	X	X	X
5	X	X	X	X	X	X
5	X	X	X	X	X	X
5	X	X	X	X	X	X
5	X	X	X	X	X	X
5	X	X	X	X	X	X
5	X	X	X	X	X	X
5	X	X	X	X	X	X

Lab Job No. 1212245
Shipped Via Specialty
Air Bill No.
Temperature On Receipt °C
Specialty Analytical Containers? Y/N
Specialty Analytical Trip Blanks? Y/N

Comments
Lab I.D.

Relinquished By: Date 12/21/12 Time 1345
Company:
Received For Lab By: Date 12-21-12 Time 1345

Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.
Samples held beyond 60 days subject to storage fee(s)



Specialty Analytical

11711 SE Capps Road, Ste B
Clackamas, Oregon 97015
TEL: 503-607-1331 FAX: 503-607-1336
Website: www.specialtyanalytical.com

January 09, 2013

Merideth D'Andrea
Maul Foster & Alongi
400 E. Mill Plain Blvd.
Suite 400
Vancouver, Washington 98660

TEL: (360) 694-2691

FAX (360) 906-1958

RE: Park Laundry-URIC / 8006.31.02

Dear Merideth D'Andrea:

Order No.: 1212258

Specialty Analytical received 6 sample(s) on 12/26/2012 for the analyses presented in the following report.

REVISED REPORT: Please see case narrative for information on revision.

There were no problems with the analysis and all data for associated QC met EPA or laboratory specifications, except where noted in the Case Narrative, or as qualified with flags. Results apply only to the samples analyzed. Without approval of the laboratory, the reproduction of this report is only permitted in its entirety.

If you have any questions regarding these tests, please feel free to call.

Sincerely,

A handwritten signature in black ink, appearing to read "Marty French". The signature is fluid and cursive, written over a white background.

Marty French
Lab Director

Case Narrative

WO#: 1212258

Date: 1/9/2013

Specialty Analytical

CLIENT: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

Report Revision 1

This report reflects the correction of the client sample ID on Specialty Analytical sample 1212258-003 from MW09-121912 to MW09-122112. This report also reports to the MDL per clients request.

Specialty Analytical

Date Reported: 09-Jan-13

CLIENT: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

Lab Order: 1212258

Lab ID: 1212258-001 **Collection Date:** 12/21/2012 9:22:00 AM
Client Sample ID: MW04-122112 **Matrix:** GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1-Dichloroethene	0.220	0.0964	1.00	J	µg/L	1	12/27/2012 6:12:00 PM
cis-1,2-Dichloroethene	0.750	0.0660	1.00	J	µg/L	1	12/27/2012 6:12:00 PM
Tetrachloroethene	21.5	0.0672	1.00		µg/L	1	12/27/2012 6:12:00 PM
trans-1,2-Dichloroethene	0.190	0.0830	1.00	J	µg/L	1	12/27/2012 6:12:00 PM
Trichloroethene	1.75	0.0870	1.00		µg/L	1	12/27/2012 6:12:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	12/27/2012 6:12:00 PM
Surr: 1,2-Dichloroethane-d4	91.4	85.3-116			%REC	1	12/27/2012 6:12:00 PM
Surr: 4-Bromofluorobenzene	97.5	88.1-120			%REC	1	12/27/2012 6:12:00 PM
Surr: Dibromofluoromethane	103	94.2-122			%REC	1	12/27/2012 6:12:00 PM
Surr: Toluene-d8	104	86.2-135			%REC	1	12/27/2012 6:12:00 PM

Lab ID: 1212258-002 **Collection Date:** 12/21/2012 11:00:00 AM
Client Sample ID: MW05-122112 **Matrix:** GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	12/27/2012 6:35:00 PM
cis-1,2-Dichloroethene	0.800	0.0660	1.00	J	µg/L	1	12/27/2012 6:35:00 PM
Tetrachloroethene	1030	6.72	100		µg/L	100	12/28/2012 11:19:00 A
trans-1,2-Dichloroethene	0.350	0.0830	1.00	J	µg/L	1	12/27/2012 6:35:00 PM
Trichloroethene	3.29	0.0870	1.00		µg/L	1	12/27/2012 6:35:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	12/27/2012 6:35:00 PM
Surr: 1,2-Dichloroethane-d4	92.4	85.3-116			%REC	1	12/27/2012 6:35:00 PM
Surr: 4-Bromofluorobenzene	99.2	88.1-120			%REC	1	12/27/2012 6:35:00 PM
Surr: Dibromofluoromethane	103	94.2-122			%REC	1	12/27/2012 6:35:00 PM
Surr: Toluene-d8	104	86.2-135			%REC	1	12/27/2012 6:35:00 PM

Specialty Analytical

Date Reported: 09-Jan-13

CLIENT: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

Lab Order: 1212258

Lab ID: 1212258-003 **Collection Date:** 12/21/2012 12:30:00 PM
Client Sample ID: MW09-122112 **Matrix:** GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B			Analyst: ep	
1,1-Dichloroethene	0.130	0.0964	1.00	J	µg/L	1	12/27/2012 6:57:00 PM
cis-1,2-Dichloroethene	0.770	0.0660	1.00	J	µg/L	1	12/27/2012 6:57:00 PM
Tetrachloroethene	33.7	0.0672	1.00		µg/L	1	12/27/2012 6:57:00 PM
trans-1,2-Dichloroethene	0.190	0.0830	1.00	J	µg/L	1	12/27/2012 6:57:00 PM
Trichloroethene	44.2	0.0870	1.00		µg/L	1	12/27/2012 6:57:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	12/27/2012 6:57:00 PM
Surr: 1,2-Dichloroethane-d4	95.8	85.3-116			%REC	1	12/27/2012 6:57:00 PM
Surr: 4-Bromofluorobenzene	98.2	88.1-120			%REC	1	12/27/2012 6:57:00 PM
Surr: Dibromofluoromethane	101	94.2-122			%REC	1	12/27/2012 6:57:00 PM
Surr: Toluene-d8	98.4	86.2-135			%REC	1	12/27/2012 6:57:00 PM

Lab ID: 1212258-004 **Collection Date:** 12/21/2012
Client Sample ID: Trip Blank-122112 **Matrix:** AQUEOUS

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B			Analyst: ep	
1,1-Dichloroethene	0.220	0.0964	1.00	J	µg/L	1	12/27/2012 5:50:00 PM
cis-1,2-Dichloroethene	0.640	0.0660	1.00	J	µg/L	1	12/27/2012 5:50:00 PM
Tetrachloroethene	ND	0.0672	1.00		µg/L	1	12/27/2012 5:50:00 PM
trans-1,2-Dichloroethene	0.250	0.0830	1.00	J	µg/L	1	12/27/2012 5:50:00 PM
Trichloroethene	0.290	0.0870	1.00	J	µg/L	1	12/27/2012 5:50:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	12/27/2012 5:50:00 PM
Surr: 1,2-Dichloroethane-d4	96.0	85.3-116			%REC	1	12/27/2012 5:50:00 PM
Surr: 4-Bromofluorobenzene	100	88.1-120			%REC	1	12/27/2012 5:50:00 PM
Surr: Dibromofluoromethane	100	94.2-122			%REC	1	12/27/2012 5:50:00 PM
Surr: Toluene-d8	103	86.2-135			%REC	1	12/27/2012 5:50:00 PM

Specialty Analytical

Date Reported: 09-Jan-13

CLIENT: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

Lab Order: 1212258

Lab ID: 1212258-005 **Collection Date:** 12/21/2012 1:55:00 PM
Client Sample ID: MW15-122112 **Matrix:** GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1-Dichloroethene	0.180	0.0964	1.00	J	µg/L	1	12/27/2012 7:19:00 PM
cis-1,2-Dichloroethene	0.630	0.0660	1.00	J	µg/L	1	12/27/2012 7:19:00 PM
Tetrachloroethene	13.0	0.0672	1.00		µg/L	1	12/27/2012 7:19:00 PM
trans-1,2-Dichloroethene	0.260	0.0830	1.00	J	µg/L	1	12/27/2012 7:19:00 PM
Trichloroethene	0.970	0.0870	1.00	J	µg/L	1	12/27/2012 7:19:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	12/27/2012 7:19:00 PM
Surr: 1,2-Dichloroethane-d4	94.3	85.3-116			%REC	1	12/27/2012 7:19:00 PM
Surr: 4-Bromofluorobenzene	98.6	88.1-120			%REC	1	12/27/2012 7:19:00 PM
Surr: Dibromofluoromethane	99.6	94.2-122			%REC	1	12/27/2012 7:19:00 PM
Surr: Toluene-d8	102	86.2-135			%REC	1	12/27/2012 7:19:00 PM

Lab ID: 1212258-006 **Collection Date:** 12/21/2012 3:36:00 PM
Client Sample ID: MW16-122112 **Matrix:** GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1-Dichloroethene	0.310	0.0964	1.00	J	µg/L	1	12/27/2012 7:42:00 PM
cis-1,2-Dichloroethene	0.540	0.0660	1.00	J	µg/L	1	12/27/2012 7:42:00 PM
Tetrachloroethene	9.04	0.0672	1.00		µg/L	1	12/27/2012 7:42:00 PM
trans-1,2-Dichloroethene	0.210	0.0830	1.00	J	µg/L	1	12/27/2012 7:42:00 PM
Trichloroethene	0.910	0.0870	1.00	J	µg/L	1	12/27/2012 7:42:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	12/27/2012 7:42:00 PM
Surr: 1,2-Dichloroethane-d4	94.8	85.3-116			%REC	1	12/27/2012 7:42:00 PM
Surr: 4-Bromofluorobenzene	99.8	88.1-120			%REC	1	12/27/2012 7:42:00 PM
Surr: Dibromofluoromethane	99.5	94.2-122			%REC	1	12/27/2012 7:42:00 PM
Surr: Toluene-d8	102	86.2-135			%REC	1	12/27/2012 7:42:00 PM

QC SUMMARY REPORT

WO#: 1212258

09-Jan-13

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

TestCode: 8260_W

Sample ID: CCV	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 7821						
Client ID: CCV	Batch ID: R7821	TestNo: SW8260B		Analysis Date: 12/27/2012	SeqNo: 99579						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	45.3	1.00	40.00	0	113	80	120
Vinyl chloride	32.1	1.00	40.00	0	80.2	80	120

Sample ID: LCS	SampType: LCS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 7821						
Client ID: LCSW	Batch ID: R7821	TestNo: SW8260B		Analysis Date: 12/27/2012	SeqNo: 99580						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	45.3	1.00	40.00	0	113	61.2	135
Trichloroethene	35.8	1.00	40.00	0	89.5	68.5	124

Sample ID: MB	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 7821						
Client ID: PBW	Batch ID: R7821	TestNo: SW8260B		Analysis Date: 12/27/2012	SeqNo: 99581						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	ND	1.00					
cis-1,2-Dichloroethene	ND	1.00					
Tetrachloroethene	ND	1.00					
trans-1,2-Dichloroethene	ND	1.00					
Trichloroethene	ND	1.00					
Vinyl chloride	ND	1.00					
Surr: 1,2-Dichloroethane-d4	95.4		100.0		95.4	85.3	116
Surr: 4-Bromofluorobenzene	98.5		100.0		98.5	88.1	120
Surr: Dibromofluoromethane	99.2		100.0		99.2	94.2	122
Surr: Toluene-d8	104		100.0		104	86.2	135

Qualifiers:

QC SUMMARY REPORT

WO#: 1212258

09-Jan-13

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

TestCode: 8260_W

Sample ID: 1212258-001AMS	SampType: MS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 7821						
Client ID: MW04-122112	Batch ID: R7821	TestNo: SW8260B		Analysis Date: 12/27/2012	SeqNo: 99593						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	49.6	1.00	40.00	0.2200	123	57.3	165				
Trichloroethene	39.6	1.00	40.00	1.750	94.7	50.8	164				

Sample ID: 1212258-001AMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 7821						
Client ID: MW04-122112	Batch ID: R7821	TestNo: SW8260B		Analysis Date: 12/27/2012	SeqNo: 99594						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	46.9	1.00	40.00	0.2200	117	57.3	165	49.60	5.62	20
Trichloroethene	40.2	1.00	40.00	1.750	96.0	50.8	164	39.64	1.28	20

Sample ID: CCV	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 7821						
Client ID: CCV	Batch ID: R7821	TestNo: SW8260B		Analysis Date: 12/28/2012	SeqNo: 99643						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	47.4	1.00	40.00	0	118	80	120			
Vinyl chloride	33.5	1.00	40.00	0	83.6	80	120			

Sample ID: CCB	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 7821						
Client ID: CCB	Batch ID: R7821	TestNo: SW8260B		Analysis Date: 12/28/2012	SeqNo: 99644						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	ND	1.00								
cis-1,2-Dichloroethene	ND	1.00								
Tetrachloroethene	ND	1.00								
trans-1,2-Dichloroethene	ND	1.00								

Qualifiers:

QC SUMMARY REPORT

WO#: 1212258

09-Jan-13

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry-URIC / 8006.31.02

TestCode: 8260_W

Sample ID: CCB	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 7821						
Client ID: CCB	Batch ID: R7821	TestNo: SW8260B		Analysis Date: 12/28/2012	SeqNo: 99644						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	95.1		100.0		95.1	85.3	116				
Surr: 4-Bromofluorobenzene	99.6		100.0		99.6	88.1	120				
Surr: Dibromofluoromethane	99.4		100.0		99.4	94.2	122				
Surr: Toluene-d8	103		100.0		103	86.2	135				

Qualifiers:

KEY TO FLAGS

Rev. May 12, 2010

- A This sample contains a Gasoline Range Organic not identified as a specific hydrocarbon product. The result was quantified against gasoline calibration standards
- A1 This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was quantified against diesel calibration standards.
- A2 This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was quantified against a lube oil calibration standard.
- A3 The result was determined to be Non-Detect based on hydrocarbon pattern recognition. The product was carry-over from another hydrocarbon type.
- A4 The product appears to be aged or degraded diesel.
- B The blank exhibited a positive result great than the reporting limit for this compound.
- CN See Case Narrative.
- D Result is based from a dilution.
- E Result exceeds the calibration range for this compound. The result should be considered as estimate.
- F The positive result for this hydrocarbon is due to single component contamination. The product does not match any hydrocarbon in the fuels library.
- G Result may be biased high due to biogenic interferences. Clean up is recommended.
- H Sample was analyzed outside recommended holding time.
- HT At clients request, samples was analyzed outside of recommended holding time.
- J The result for this analyte is between the MDL and the PQL and should be considered as estimated concentration.
- K Diesel result is biased high due to amount of Oil contained in the sample.
- L Diesel result is biased high due to amount of Gasoline contained in the sample.
- M Oil result is biased high due to amount of Diesel contained in the sample.
- MC Sample concentration is greater than 4x the spiked value, the spiked value is considered insignificant.
- MI Result is outside control limits due to matrix interference.
- MSA Value determined by Method of Standard Addition.
- O Laboratory Control Standard (LCS) exceeded laboratory control limits, but meets CCV criteria. Data meets EPA requirements.
- Q Detection levels elevated due to sample matrix.
- R RPD control limits were exceeded.
- RF Duplicate failed due to result being at or near the method-reporting limit.
- RP Matrix spike values exceed established QC limits; post digestion spike is in control.
- S Recovery is outside control limits.
- SC Closing CCV or LCS exceeded high recovery control limits, but associated samples are non-detect. Data meets EPA requirements.
- * The result for this parameter was greater than the maximum contaminant level of the TCLP regulatory limit.

CHAIN OF CUSTODY RECORD

Page ___ of ___

Specialty Analytical
 11711 SE Capps Road
 Clackamas, OR 97015
 Phone: 503-607-1331
 Fax: 503-607-1336

Contact Person/Project Manager: Merideth D. Andrea
 Company: Maul Foster & Alonzo
 Address: 2001 NW 19th Suite 200
Portland OR 97209
 Phone: 971 544 2139 Fax: _____
 Project No: 8006.31.02 Project Name: Park Laundry-
 Project Site Location: OR WA Other
 Invoice To: MFA P.O. No. _____

Collected By: _____
 Signature: Andrew Vidoret
 Printed: _____

Signature: _____
 Printed: _____

Turn Around Time: _____
 Normal 5-7 Business Days
 Rush _____ Specify _____

Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix
12/21/12	0927	MW04-12Z11Z	W
12/21/12	1100	MW05-12Z11Z	W
12/21/12	1230	MW09-12Z11Z	W
12/21/12		Trip Blank	W
12/21/12	1355	MW15-12Z11Z	W
12/21/12	1536	MW16-12Z11Z	W

No. of Containers	Analyses				For Laboratory Use Lab Job No. <u>121258</u> Shipped Via <u>Specialty</u> Air Bill No. _____ Temperature On Receipt <u>5</u> °C Specialty Analytical Containers? Y / N Specialty Analytical Trip Blanks? Y / N	Comments	Lab I.D.
	CIS-12-OCE	PCE	Trens-12-OCE	Vinyl Chloride			
5	X	X	X	X			
5	X	X	X	X			
5	X	X	X	X			
2	X	X	X	X			
5	X	X	X	X			
5	X	X	X	X			

Relinquished By: <u>Andrew Vidoret</u> Company: <u>MFA</u>		Received By: _____ Company: _____	
Date	Time	Date	Time
12/21/12	1700	12/20/12	1538

Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt. Samples held beyond 60 days subject to storage fee(s)



Specialty Analytical

11711 SE Capps Road, Ste B
Clackamas, Oregon 97015
TEL: 503-607-1331 FAX: 503-607-1336
Website: www.specialtyanalytical.com

April 17, 2013

Merideth D'Andrea
Maul Foster & Alongi
400 E. Mill Plain Blvd.
Suite 400
Vancouver, WA 98660
TEL: (360) 694-2691
FAX (360) 906-1958
RE: Park Laundry / 8006.31.02

Dear Merideth D'Andrea:

Order No.: 1304046

Specialty Analytical received 10 sample(s) on 4/8/2013 for the analyses presented in the following report.

There were no problems with the analysis and all data for associated QC met EPA or laboratory specifications, except where noted in the Case Narrative, or as qualified with flags. Results apply only to the samples analyzed. Without approval of the laboratory, the reproduction of this report is only permitted in its entirety.

If you have any questions regarding these tests, please feel free to call.

Sincerely,

A handwritten signature in black ink, appearing to read 'Marty French', written in a cursive style.

Marty French
Lab Director

Specialty Analytical

Date Reported: 17-Apr-13

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1304046

Lab ID: 1304046-001
Client Sample ID: MW20-S-2.5

Collection Date: 4/1/2013 12:10:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			SW8260B		Analyst: ep		
1,1-Dichloroethane	ND	0.890	11.7		µg/Kg-dry	1	4/9/2013 1:44:00 PM
1,1-Dichloroethene	ND	0.913	11.7		µg/Kg-dry	1	4/9/2013 1:44:00 PM
1,2-Dichloroethane	ND	0.901	11.7		µg/Kg-dry	1	4/9/2013 1:44:00 PM
Chloroethane	ND	1.43	11.7		µg/Kg-dry	1	4/9/2013 1:44:00 PM
cis-1,2-Dichloroethene	ND	0.855	11.7		µg/Kg-dry	1	4/9/2013 1:44:00 PM
Tetrachloroethene	2.79	0.878	11.7	J	µg/Kg-dry	1	4/9/2013 1:44:00 PM
trans-1,2-Dichloroethene	ND	1.04	11.7		µg/Kg-dry	1	4/9/2013 1:44:00 PM
Trichloroethene	ND	1.19	11.7		µg/Kg-dry	1	4/9/2013 1:44:00 PM
Vinyl Chloride	ND	3.36	11.7		µg/Kg-dry	1	4/9/2013 1:44:00 PM
Surr: 1,2-Dichloroethane-d4	107	1.17	71.5-112		%REC	1	4/9/2013 1:44:00 PM
Surr: 4-Bromofluorobenzene	101	1.17	75.7-122		%REC	1	4/9/2013 1:44:00 PM
Surr: Dibromofluoromethane	109	1.17	64.3-124		%REC	1	4/9/2013 1:44:00 PM
Surr: Toluene-d8	102	1.17	74.9-120		%REC	1	4/9/2013 1:44:00 PM

Lab ID: 1304046-002
Client Sample ID: MW19-S

Collection Date: 4/1/2013 1:00:00 PM
Matrix: SOIL

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			SW8260B		Analyst: ep		
1,1-Dichloroethane	ND	4.23	55.7	Q	µg/Kg-dry	5	4/12/2013 10:35:00 AM
1,1-Dichloroethene	ND	4.34	55.7	Q	µg/Kg-dry	5	4/12/2013 10:35:00 AM
1,2-Dichloroethane	ND	4.29	55.7	Q	µg/Kg-dry	5	4/12/2013 10:35:00 AM
Chloroethane	ND	6.80	55.7	Q	µg/Kg-dry	5	4/12/2013 10:35:00 AM
cis-1,2-Dichloroethene	ND	4.07	55.7	Q	µg/Kg-dry	5	4/12/2013 10:35:00 AM
Tetrachloroethene	ND	4.18	55.7	Q	µg/Kg-dry	5	4/12/2013 10:35:00 AM
trans-1,2-Dichloroethene	ND	4.96	55.7	Q	µg/Kg-dry	5	4/12/2013 10:35:00 AM
Trichloroethene	ND	5.68	55.7	Q	µg/Kg-dry	5	4/12/2013 10:35:00 AM
Vinyl Chloride	ND	16.0	55.7	Q	µg/Kg-dry	5	4/12/2013 10:35:00 AM
Surr: 1,2-Dichloroethane-d4	106	5.57	71.5-112		%REC	5	4/12/2013 10:35:00 AM
Surr: 4-Bromofluorobenzene	110	5.57	75.7-122		%REC	5	4/12/2013 10:35:00 AM
Surr: Dibromofluoromethane	121	5.57	64.3-124		%REC	5	4/12/2013 10:35:00 AM
Surr: Toluene-d8	117	5.57	74.9-120		%REC	5	4/12/2013 10:35:00 AM

Specialty Analytical

Date Reported: 17-Apr-13

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1304046

Lab ID: 1304046-003
Client Sample ID: MW01-040413

Collection Date: 4/4/2013 2:20:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B			Analyst: ep	
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	4/11/2013 11:40:00 AM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	4/11/2013 11:40:00 AM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	4/11/2013 11:40:00 AM
Chloroethane	ND	0.203	1.00		µg/L	1	4/11/2013 11:40:00 AM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	4/11/2013 11:40:00 AM
Tetrachloroethene	8.72	0.0672	1.00		µg/L	1	4/11/2013 11:40:00 AM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	4/11/2013 11:40:00 AM
Trichloroethene	ND	0.0870	1.00		µg/L	1	4/11/2013 11:40:00 AM
Vinyl chloride	ND	0.155	1.00		µg/L	1	4/11/2013 11:40:00 AM
Surr: 1,2-Dichloroethane-d4	103	85.3-116			%REC	1	4/11/2013 11:40:00 AM
Surr: 4-Bromofluorobenzene	97.4	88.1-120			%REC	1	4/11/2013 11:40:00 AM
Surr: Dibromofluoromethane	110	94.2-122			%REC	1	4/11/2013 11:40:00 AM
Surr: Toluene-d8	109	86.2-135			%REC	1	4/11/2013 11:40:00 AM

Lab ID: 1304046-004
Client Sample ID: MW02-040413

Collection Date: 4/4/2013 3:20:00 PM
Matrix: AQUEOUS

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B			Analyst: ep	
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	4/11/2013 12:13:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	4/11/2013 12:13:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	4/11/2013 12:13:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	4/11/2013 12:13:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	4/11/2013 12:13:00 PM
Tetrachloroethene	0.340	0.0672	1.00	J	µg/L	1	4/11/2013 12:13:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	4/11/2013 12:13:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	4/11/2013 12:13:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	4/11/2013 12:13:00 PM
Surr: 1,2-Dichloroethane-d4	104	85.3-116			%REC	1	4/11/2013 12:13:00 PM
Surr: 4-Bromofluorobenzene	105	88.1-120			%REC	1	4/11/2013 12:13:00 PM
Surr: Dibromofluoromethane	109	94.2-122			%REC	1	4/11/2013 12:13:00 PM
Surr: Toluene-d8	106	86.2-135			%REC	1	4/11/2013 12:13:00 PM

Specialty Analytical

Date Reported: 17-Apr-13

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1304046

Lab ID: 1304046-005
Client Sample ID: MW03-040413

Collection Date: 4/4/2013 5:15:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	4/11/2013 12:46:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	4/11/2013 12:46:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	4/11/2013 12:46:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	4/11/2013 12:46:00 PM
cis-1,2-Dichloroethene	0.610	0.0660	1.00	J	µg/L	1	4/11/2013 12:46:00 PM
Tetrachloroethene	532	3.36	50.0		µg/L	50	4/12/2013 12:13:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	4/11/2013 12:46:00 PM
Trichloroethene	1.92	0.0870	1.00		µg/L	1	4/11/2013 12:46:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	4/11/2013 12:46:00 PM
Surr: 1,2-Dichloroethane-d4	91.5	85.3-116			%REC	1	4/11/2013 12:46:00 PM
Surr: 4-Bromofluorobenzene	115	88.1-120			%REC	1	4/11/2013 12:46:00 PM
Surr: Dibromofluoromethane	104	94.2-122			%REC	1	4/11/2013 12:46:00 PM
Surr: Toluene-d8	90.8	86.2-135			%REC	1	4/11/2013 12:46:00 PM

Lab ID: 1304046-006
Client Sample ID: Trip Blank-040413

Collection Date: 4/4/2013
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	4/11/2013 11:06:00 AM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	4/11/2013 11:06:00 AM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	4/11/2013 11:06:00 AM
Chloroethane	ND	0.203	1.00		µg/L	1	4/11/2013 11:06:00 AM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	4/11/2013 11:06:00 AM
Tetrachloroethene	0.210	0.0672	1.00	J	µg/L	1	4/11/2013 11:06:00 AM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	4/11/2013 11:06:00 AM
Trichloroethene	ND	0.0870	1.00		µg/L	1	4/11/2013 11:06:00 AM
Vinyl chloride	ND	0.155	1.00		µg/L	1	4/11/2013 11:06:00 AM
Surr: 1,2-Dichloroethane-d4	92.0	85.3-116			%REC	1	4/11/2013 11:06:00 AM
Surr: 4-Bromofluorobenzene	117	88.1-120			%REC	1	4/11/2013 11:06:00 AM
Surr: Dibromofluoromethane	100	94.2-122			%REC	1	4/11/2013 11:06:00 AM
Surr: Toluene-d8	97.4	86.2-135			%REC	1	4/11/2013 11:06:00 AM

Specialty Analytical

Date Reported: 17-Apr-13

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1304046

Lab ID: 1304046-007
Client Sample ID: MW05-040513

Collection Date: 4/5/2013 9:45:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	4/11/2013 1:20:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	4/11/2013 1:20:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	4/11/2013 1:20:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	4/11/2013 1:20:00 PM
cis-1,2-Dichloroethene	0.140	0.0660	1.00	J	µg/L	1	4/11/2013 1:20:00 PM
Tetrachloroethene	2330	3.36	50.0		µg/L	50	4/16/2013 12:20:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	4/11/2013 1:20:00 PM
Trichloroethene	4.07	0.0870	1.00		µg/L	1	4/11/2013 1:20:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	4/11/2013 1:20:00 PM
Surr: 1,2-Dichloroethane-d4	95.5	85.3-116			%REC	1	4/11/2013 1:20:00 PM
Surr: 4-Bromofluorobenzene	95.9	88.1-120			%REC	1	4/11/2013 1:20:00 PM
Surr: Dibromofluoromethane	107	94.2-122			%REC	1	4/11/2013 1:20:00 PM
Surr: Toluene-d8	98.7	86.2-135			%REC	1	4/11/2013 1:20:00 PM

Lab ID: 1304046-008
Client Sample ID: MW05-040513-DUP

Collection Date: 4/5/2013 9:45:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	4/11/2013 1:53:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	4/11/2013 1:53:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	4/11/2013 1:53:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	4/11/2013 1:53:00 PM
cis-1,2-Dichloroethene	0.120	0.0660	1.00	J	µg/L	1	4/11/2013 1:53:00 PM
Tetrachloroethene	1740	3.36	50.0		µg/L	50	4/16/2013 1:27:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	4/11/2013 1:53:00 PM
Trichloroethene	3.32	0.0870	1.00		µg/L	1	4/11/2013 1:53:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	4/11/2013 1:53:00 PM
Surr: 1,2-Dichloroethane-d4	106	85.3-116			%REC	1	4/11/2013 1:53:00 PM
Surr: 4-Bromofluorobenzene	101	88.1-120			%REC	1	4/11/2013 1:53:00 PM
Surr: Dibromofluoromethane	116	94.2-122			%REC	1	4/11/2013 1:53:00 PM
Surr: Toluene-d8	102	86.2-135			%REC	1	4/11/2013 1:53:00 PM

Specialty Analytical

Date Reported: 17-Apr-13

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1304046

Lab ID: 1304046-009
Client Sample ID: MW04-040513

Collection Date: 4/5/2013 11:20:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	4/11/2013 2:27:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	4/11/2013 2:27:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	4/11/2013 2:27:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	4/11/2013 2:27:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	4/11/2013 2:27:00 PM
Tetrachloroethene	19.0	0.0672	1.00		µg/L	1	4/12/2013 11:07:00 AM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	4/11/2013 2:27:00 PM
Trichloroethene	1.34	0.0870	1.00		µg/L	1	4/11/2013 2:27:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	4/11/2013 2:27:00 PM
Surr: 1,2-Dichloroethane-d4	99.7	85.3-116			%REC	1	4/11/2013 2:27:00 PM
Surr: 4-Bromofluorobenzene	98.2	88.1-120			%REC	1	4/11/2013 2:27:00 PM
Surr: Dibromofluoromethane	111	94.2-122			%REC	1	4/11/2013 2:27:00 PM
Surr: Toluene-d8	105	86.2-135			%REC	1	4/11/2013 2:27:00 PM

Lab ID: 1304046-010
Client Sample ID: MW06-040513

Collection Date: 4/5/2013 12:50:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	4/11/2013 3:00:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	4/11/2013 3:00:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	4/11/2013 3:00:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	4/11/2013 3:00:00 PM
cis-1,2-Dichloroethene	1.07	0.0660	1.00		µg/L	1	4/11/2013 3:00:00 PM
Tetrachloroethene	2.65	0.0672	1.00		µg/L	1	4/12/2013 11:40:00 AM
trans-1,2-Dichloroethene	0.240	0.0830	1.00	J	µg/L	1	4/11/2013 3:00:00 PM
Trichloroethene	7.41	0.0870	1.00		µg/L	1	4/11/2013 3:00:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	4/11/2013 3:00:00 PM
Surr: 1,2-Dichloroethane-d4	99.3	85.3-116			%REC	1	4/11/2013 3:00:00 PM
Surr: 4-Bromofluorobenzene	99.4	88.1-120			%REC	1	4/11/2013 3:00:00 PM
Surr: Dibromofluoromethane	111	94.2-122			%REC	1	4/11/2013 3:00:00 PM
Surr: Toluene-d8	103	86.2-135			%REC	1	4/11/2013 3:00:00 PM

QC SUMMARY REPORT

WO#: 1304046

17-Apr-13

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

TestCode: 8260_5035

Sample ID: CCV	SampType: CCV	TestCode: 8260_5035	Units: µg/Kg	Prep Date:	RunNo: 9149						
Client ID: CCV	Batch ID: 4827	TestNo: SW8260B	SW5035A	Analysis Date: 4/9/2013	SeqNo: 114049						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	64.2	10.0	60.00	0	107	80	120				
Vinyl Chloride	67.8	10.0	60.00	0	113	80	120				

Sample ID: LCS	SampType: LCS	TestCode: 8260_5035	Units: µg/Kg	Prep Date:	RunNo: 9149						
Client ID: LCSS	Batch ID: 4827	TestNo: SW8260B	SW5035A	Analysis Date: 4/9/2013	SeqNo: 114051						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	61.9	10.0	60.00	0	103	82.4	121				
Trichloroethene	52.8	10.0	60.00	0	88.1	87.8	119				

Sample ID: LCSD	SampType: LCSD	TestCode: 8260_5035	Units: µg/Kg	Prep Date:	RunNo: 9149						
Client ID: LCSS02	Batch ID: 4827	TestNo: SW8260B	SW5035A	Analysis Date: 4/9/2013	SeqNo: 114052						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	65.4	10.0	60.00	0	109	82.4	121	0	0	20	
Trichloroethene	55.4	10.0	60.00	0	92.3	87.8	119	0	0	20	

Sample ID: MB	SampType: MBLK	TestCode: 8260_5035	Units: µg/Kg	Prep Date:	RunNo: 9149						
Client ID: PBS	Batch ID: 4827	TestNo: SW8260B	SW5035A	Analysis Date: 4/9/2013	SeqNo: 114053						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethane	ND	10.0									
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QC SUMMARY REPORT

WO#: 1304046

17-Apr-13

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

TestCode: 8260_5035

Sample ID: MB	SampType: MBLK	TestCode: 8260_5035	Units: µg/Kg	Prep Date:	RunNo: 9149						
Client ID: PBS	Batch ID: 4827	TestNo: SW8260B	SW5035A	Analysis Date: 4/9/2013	SeqNo: 114053						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	ND	10.0									
1,2-Dichloroethane	ND	10.0									
Chloroethane	ND	10.0									
cis-1,2-Dichloroethene	ND	10.0									
Tetrachloroethene	ND	10.0									
trans-1,2-Dichloroethene	ND	10.0									
Trichloroethene	ND	10.0									
Vinyl Chloride	ND	10.0									
Surr: 1,2-Dichloroethane-d4	92.1		100.0		92.1	71.5	112				
Surr: 4-Bromofluorobenzene	97.1		100.0		97.1	75.7	122				
Surr: Dibromofluoromethane	102		100.0		102	64.3	124				
Surr: Toluene-d8	106		100.0		106	74.9	120				

Sample ID: CCV	SampType: CCV	TestCode: 8260_5035	Units: µg/Kg	Prep Date:	RunNo: 9149						
Client ID: CCV	Batch ID: 4827	TestNo: SW8260B	SW5035A	Analysis Date: 4/12/2013	SeqNo: 114742						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	70.5	10.0	60.00	0	117	80	120				
Vinyl Chloride	60.8	10.0	60.00	0	101	80	120				

QC SUMMARY REPORT

WO#: 1304046

17-Apr-13

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

TestCode: 8260_5035

Sample ID: CCB	SampType: CCB	TestCode: 8260_5035	Units: µg/Kg	Prep Date:	RunNo: 9149						
Client ID: CCB	Batch ID: 4827	TestNo: SW8260B	SW5035A	Analysis Date: 4/12/2013	SeqNo: 114743						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	ND	10.0									
1,1-Dichloroethene	ND	10.0									
1,2-Dichloroethane	ND	10.0									
Chloroethane	ND	10.0									
cis-1,2-Dichloroethene	ND	10.0									
Tetrachloroethene	ND	10.0									
trans-1,2-Dichloroethene	ND	10.0									
Trichloroethene	ND	10.0									
Vinyl Chloride	ND	10.0									
Surr: 1,2-Dichloroethane-d4	99.9		100.0		99.9	71.5	112				
Surr: 4-Bromofluorobenzene	97.6		100.0		97.6	75.7	122				
Surr: Dibromofluoromethane	106		100.0		106	64.3	124				
Surr: Toluene-d8	105		100.0		105	74.9	120				

QC SUMMARY REPORT

WO#: 1304046

17-Apr-13

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

TestCode: 8260_W

Sample ID: CCV	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 9152						
Client ID: CCV	Batch ID: R9152	TestNo: SW8260B		Analysis Date: 4/9/2013	SeqNo: 114055						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	40.9	1.00	40.00	0	102	80	120
Vinyl chloride	32.5	1.00	40.00	0	81.2	80	120

Sample ID: LCS	SampType: LCS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 9152						
Client ID: LCSW	Batch ID: R9152	TestNo: SW8260B		Analysis Date: 4/9/2013	SeqNo: 114056						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	36.4	1.00	40.00	0	91.1	61.2	135
Trichloroethene	32.7	1.00	40.00	0	81.8	68.5	124

Sample ID: MBLK	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 9152						
Client ID: PBW	Batch ID: R9152	TestNo: SW8260B		Analysis Date: 4/9/2013	SeqNo: 114057						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethane	ND	1.00
1,1-Dichloroethene	ND	1.00
1,2-Dichloroethane	ND	1.00
Chloroethane	ND	1.00
cis-1,2-Dichloroethene	ND	1.00
Tetrachloroethene	ND	1.00
trans-1,2-Dichloroethene	ND	1.00
Trichloroethene	ND	1.00
Vinyl chloride	ND	1.00

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit Page 4 of 8
R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

WO#: 1304046

17-Apr-13

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

TestCode: 8260_W

Sample ID: MBLK	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 9152						
Client ID: PBW	Batch ID: R9152	TestNo: SW8260B		Analysis Date: 4/9/2013	SeqNo: 114057						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	101		100.0		101	85.3	116				
Surr: 4-Bromofluorobenzene	107		100.0		107	88.1	120				
Surr: Dibromofluoromethane	102		100.0		102	94.2	122				
Surr: Toluene-d8	93.4		100.0		93.4	86.2	135				

Sample ID: CCV	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 9152						
Client ID: CCV	Batch ID: R9152	TestNo: SW8260B		Analysis Date: 4/11/2013	SeqNo: 114608						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	42.5	1.00	40.00	0	106	80	120				
Vinyl chloride	47.0	1.00	40.00	0	118	80	120				

Sample ID: CCB	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 9152						
Client ID: CCB	Batch ID: R9152	TestNo: SW8260B		Analysis Date: 4/11/2013	SeqNo: 114609						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Tetrachloroethene	0.170	1.00									
trans-1,2-Dichloroethene	ND	1.00									

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit Page 5 of 8
R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

WO#: 1304046

17-Apr-13

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

TestCode: 8260_W

Sample ID: CCB	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 9152						
Client ID: CCB	Batch ID: R9152	TestNo: SW8260B		Analysis Date: 4/11/2013	SeqNo: 114609						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	99.1		100.0		99.1	85.3	116				
Surr: 4-Bromofluorobenzene	111		100.0		111	88.1	120				
Surr: Dibromofluoromethane	109		100.0		109	94.2	122				
Surr: Toluene-d8	94.5		100.0		94.5	86.2	135				

Sample ID: 1304046-003AMS	SampType: MS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 9152						
Client ID: MW01-040413	Batch ID: R9152	TestNo: SW8260B		Analysis Date: 4/11/2013	SeqNo: 114618						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	38.2	1.00	40.00	0	95.5	47.8	165				
Trichloroethene	41.5	1.00	40.00	0	104	50.8	164				

Sample ID: 1304046-003AMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 9152						
Client ID: MW01-040413	Batch ID: R9152	TestNo: SW8260B		Analysis Date: 4/11/2013	SeqNo: 114619						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	40.9	1.00	40.00	0	102	47.8	165	38.20	6.92	20	
Trichloroethene	38.9	1.00	40.00	0	97.3	50.8	164	41.46	6.37	20	

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit Page 6 of 8
R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

WO#: 1304046

17-Apr-13

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

TestCode: 8260_W

Sample ID: CCV	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 9152						
Client ID: CCV	Batch ID: R9152	TestNo: SW8260B		Analysis Date: 4/12/2013	SeqNo: 114802						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	46.6	1.00	40.00	0	117	80	120				
Vinyl chloride	47.7	1.00	40.00	0	119	80	120				

Sample ID: CCB	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 9152						
Client ID: CCB	Batch ID: R9152	TestNo: SW8260B		Analysis Date: 4/12/2013	SeqNo: 114803						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Tetrachloroethene	0.360	1.00									
Surr: 1,2-Dichloroethane-d4	98.8		100.0		98.8	85.3	116				
Surr: 4-Bromofluorobenzene	92.8		100.0		92.8	88.1	120				
Surr: Dibromofluoromethane	105		100.0		105	94.2	122				
Surr: Toluene-d8	104		100.0		104	86.2	135				

Sample ID: CCV	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 9152						
Client ID: CCV	Batch ID: R9152	TestNo: SW8260B		Analysis Date: 4/16/2013	SeqNo: 115232						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	47.5	1.00	40.00	0	119	80	120				
Vinyl chloride	47.6	1.00	40.00	0	119	80	120				

QC SUMMARY REPORT

WO#: 1304046

17-Apr-13

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

TestCode: 8260_W

Sample ID: CCB	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 9152						
Client ID: CCB	Batch ID: R9152	TestNo: SW8260B		Analysis Date: 4/16/2013	SeqNo: 115233						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	0.150	1.00									
Surr: 1,2-Dichloroethane-d4	100		100.0		100	85.3	116				
Surr: 4-Bromofluorobenzene	93.8		100.0		93.8	88.1	120				
Surr: Dibromofluoromethane	105		100.0		105	94.2	122				
Surr: Toluene-d8	104		100.0		104	86.2	135				

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit Page 8 of 8
R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

KEY TO FLAGS

Rev. May 12, 2010

- A This sample contains a Gasoline Range Organic not identified as a specific hydrocarbon product. The result was quantified against gasoline calibration standards
- A1 This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was quantified against diesel calibration standards.
- A2 This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was quantified against a lube oil calibration standard.
- A3 The result was determined to be Non-Detect based on hydrocarbon pattern recognition. The product was carry-over from another hydrocarbon type.
- A4 The product appears to be aged or degraded diesel.
- B The blank exhibited a positive result great than the reporting limit for this compound.
- CN See Case Narrative.
- D Result is based from a dilution.
- E Result exceeds the calibration range for this compound. The result should be considered as estimate.
- F The positive result for this hydrocarbon is due to single component contamination. The product does not match any hydrocarbon in the fuels library.
- G Result may be biased high due to biogenic interferences. Clean up is recommended.
- H Sample was analyzed outside recommended holding time.
- HT At clients request, samples was analyzed outside of recommended holding time.
- J The result for this analyte is between the MDL and the PQL and should be considered as estimated concentration.
- K Diesel result is biased high due to amount of Oil contained in the sample.
- L Diesel result is biased high due to amount of Gasoline contained in the sample.
- M Oil result is biased high due to amount of Diesel contained in the sample.
- MC Sample concentration is greater than 4x the spiked value, the spiked value is considered insignificant.
- MI Result is outside control limits due to matrix interference.
- MSA Value determined by Method of Standard Addition.
- O Laboratory Control Standard (LCS) exceeded laboratory control limits, but meets CCV criteria. Data meets EPA requirements.
- Q Detection levels elevated due to sample matrix.
- R RPD control limits were exceeded.
- RF Duplicate failed due to result being at or near the method-reporting limit.
- RP Matrix spike values exceed established QC limits; post digestion spike is in control.
- S Recovery is outside control limits.
- SC Closing CCV or LCS exceeded high recovery control limits, but associated samples are non-detect. Data meets EPA requirements.
- * The result for this parameter was greater than the maximum contaminant level of the TCLP regulatory limit.

CHAIN OF CUSTODY RECORD

Specialty Analytical
 11711 SE Capps Road
 Clackamas, OR 97015
 Phone: 503-607-1331
 Fax: 503-607-1336

Contact Person/Project Manager Merideth D. Andrea
 Company Maul Foster & Alarigi
 Address 2001 NW 19th Suite 200
Portland OR 97209
 Phone 971-544-2139 Fax _____
 Project No. 8009.31.02 Project Name Park Laundry
 Project Site Location OR WA X Other _____
 Invoice To MFA P.O. No. _____

Collected By: _____
 Signature: [Signature]
 Printed: Andrew Vidourek

Signature: _____
 Printed: _____

Turn Around Time _____
 Normal 5-7 Business Days
 Rush _____ Specify _____
Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix	Analyses										For Laboratory Use					
				1,1-DCE	CIS-1,2-DCE	PCE	TRANS-1,2-DCE	TCE	Vinyl Chloride	1,1-DCA	1,2-DCA	Chloroethane	Lab Job No.	Comments					
4/1/13	1210	MW20-S-2.5	S	X	X	X	X	X	X	X	X	X	X	X	5	* Report to MDL for all analyses.	200413	48/13	0815
4/1/13	1300	MW19-S	S	X	X	X	X	X	X	X	X	X	X	X	5		Specialty	48/13	0815
4/4/13	1420	MW01-040413	W	X	X	X	X	X	X	X	X	X	X	X	5				
4/4/13	1520	MW02-040413	W	X	X	X	X	X	X	X	X	X	X	X	5				
4/4/13	1715	MW03-040413	W	X	X	X	X	X	X	X	X	X	X	X	5				
4/4/13		Trip Blank	W	X	X	X	X	X	X	X	X	X	X	X	2				
4/5/13	0945	MW05-040513	W	X	X	X	X	X	X	X	X	X	X	X	5				
4/5/13	0945	MW05-040513 - DUP	W	X	X	X	X	X	X	X	X	X	X	X	5				
4/5/13	1120	MW04-040513	W	X	X	X	X	X	X	X	X	X	X	X	5				
4/5/13	1250	MW06-040513	W	X	X	X	X	X	X	X	X	X	X	X	5				
Relinquished By: <u>Andy Vidourek</u>				Received By: <u>Mikki Buppas</u>				Relinquished By: <u>Mikki Buppas</u>				Date: <u>4/8/13</u>							
Company: <u>MFA</u>				Company: <u>Specialty</u>				Company: <u>Specialty</u>				Date: <u>4/8/13</u>							
Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt. Samples held beyond 60 days subject to storage fee(s)				Received For Lab By: <u>Mikki Buppas</u>				Received For Lab By: <u>Mikki Buppas</u>				Date: <u>4/8/13</u>							



Specialty Analytical

11711 SE Capps Road, Ste B
Clackamas, Oregon 97015
TEL: 503-607-1331 FAX: 503-607-1336
Website: www.specialtyanalytical.com

April 16, 2013

Merideth D'Andrea
Maul Foster & Alongi
400 E. Mill Plain Blvd.
Suite 400
Vancouver, WA 98660
TEL: (360) 694-2691
FAX (360) 906-1958
RE: Park Laundry / 8006.31.02

Dear Merideth D'Andrea:

Order No.: 1304092

Specialty Analytical received 15 sample(s) on 4/11/2013 for the analyses presented in the following report.

There were no problems with the analysis and all data for associated QC met EPA or laboratory specifications, except where noted in the Case Narrative, or as qualified with flags. Results apply only to the samples analyzed. Without approval of the laboratory, the reproduction of this report is only permitted in its entirety.

If you have any questions regarding these tests, please feel free to call.

Sincerely,

A handwritten signature in black ink, appearing to read "Marty French". The signature is fluid and cursive, with the first name being more prominent.

Marty French
Lab Director

Specialty Analytical

Date Reported: 16-Apr-13

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1304092

Lab ID: 1304092-001
Client Sample ID: MW08-040813

Collection Date: 4/8/2013 2:10:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	4/12/2013 4:52:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	4/12/2013 4:52:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	4/12/2013 4:52:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	4/12/2013 4:52:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	4/12/2013 4:52:00 PM
Tetrachloroethene	0.180	0.0672	1.00	J	µg/L	1	4/12/2013 4:52:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	4/12/2013 4:52:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	4/12/2013 4:52:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	4/12/2013 4:52:00 PM
Surr: 1,2-Dichloroethane-d4	102	85.3-116			%REC	1	4/12/2013 4:52:00 PM
Surr: 4-Bromofluorobenzene	103	88.1-120			%REC	1	4/12/2013 4:52:00 PM
Surr: Dibromofluoromethane	111	94.2-122			%REC	1	4/12/2013 4:52:00 PM
Surr: Toluene-d8	107	86.2-135			%REC	1	4/12/2013 4:52:00 PM

Lab ID: 1304092-002
Client Sample ID: Trip Blank_040813

Collection Date: 4/8/2013
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	4/12/2013 4:18:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	4/12/2013 4:18:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	4/12/2013 4:18:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	4/12/2013 4:18:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	4/12/2013 4:18:00 PM
Tetrachloroethene	0.200	0.0672	1.00	J	µg/L	1	4/12/2013 4:18:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	4/12/2013 4:18:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	4/12/2013 4:18:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	4/12/2013 4:18:00 PM
Surr: 1,2-Dichloroethane-d4	98.7	85.3-116			%REC	1	4/12/2013 4:18:00 PM
Surr: 4-Bromofluorobenzene	97.4	88.1-120			%REC	1	4/12/2013 4:18:00 PM
Surr: Dibromofluoromethane	109	94.2-122			%REC	1	4/12/2013 4:18:00 PM
Surr: Toluene-d8	104	86.2-135			%REC	1	4/12/2013 4:18:00 PM

Specialty Analytical

Date Reported: 16-Apr-13

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1304092

Lab ID: 1304092-003
Client Sample ID: MW21-040813

Collection Date: 4/8/2013 3:46:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	4/12/2013 5:25:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	4/12/2013 5:25:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	4/12/2013 5:25:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	4/12/2013 5:25:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	4/12/2013 5:25:00 PM
Tetrachloroethene	23.9	0.0672	1.00		µg/L	1	4/12/2013 5:25:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	4/12/2013 5:25:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	4/12/2013 5:25:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	4/12/2013 5:25:00 PM
Surr: 1,2-Dichloroethane-d4	102	85.3-116			%REC	1	4/12/2013 5:25:00 PM
Surr: 4-Bromofluorobenzene	118	88.1-120			%REC	1	4/12/2013 5:25:00 PM
Surr: Dibromofluoromethane	113	94.2-122			%REC	1	4/12/2013 5:25:00 PM
Surr: Toluene-d8	95.5	86.2-135			%REC	1	4/12/2013 5:25:00 PM

Lab ID: 1304092-004
Client Sample ID: MW09-040813

Collection Date: 4/8/2013 5:25:00 PM
Matrix: AQUEOUS

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	4/12/2013 5:59:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	4/12/2013 5:59:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	4/12/2013 5:59:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	4/12/2013 5:59:00 PM
cis-1,2-Dichloroethene	0.230	0.0660	1.00	J	µg/L	1	4/12/2013 5:59:00 PM
Tetrachloroethene	34.7	0.0672	1.00		µg/L	1	4/12/2013 5:59:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	4/12/2013 5:59:00 PM
Trichloroethene	55.0	0.0870	1.00		µg/L	1	4/12/2013 5:59:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	4/12/2013 5:59:00 PM
Surr: 1,2-Dichloroethane-d4	102	85.3-116			%REC	1	4/12/2013 5:59:00 PM
Surr: 4-Bromofluorobenzene	107	88.1-120			%REC	1	4/12/2013 5:59:00 PM
Surr: Dibromofluoromethane	110	94.2-122			%REC	1	4/12/2013 5:59:00 PM
Surr: Toluene-d8	106	86.2-135			%REC	1	4/12/2013 5:59:00 PM

Specialty Analytical

Date Reported: 16-Apr-13

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1304092

Lab ID: 1304092-005
Client Sample ID: MW07-040913

Collection Date: 4/9/2013 9:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	4/12/2013 6:32:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	4/12/2013 6:32:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	4/12/2013 6:32:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	4/12/2013 6:32:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	4/12/2013 6:32:00 PM
Tetrachloroethene	8.90	0.0672	1.00		µg/L	1	4/12/2013 6:32:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	4/12/2013 6:32:00 PM
Trichloroethene	0.100	0.0870	1.00	J	µg/L	1	4/12/2013 6:32:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	4/12/2013 6:32:00 PM
Surr: 1,2-Dichloroethane-d4	97.8	85.3-116			%REC	1	4/12/2013 6:32:00 PM
Surr: 4-Bromofluorobenzene	113	88.1-120			%REC	1	4/12/2013 6:32:00 PM
Surr: Dibromofluoromethane	114	94.2-122			%REC	1	4/12/2013 6:32:00 PM
Surr: Toluene-d8	95.6	86.2-135			%REC	1	4/12/2013 6:32:00 PM

Lab ID: 1304092-006
Client Sample ID: MW10-040913

Collection Date: 4/9/2013 11:15:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	4/12/2013 7:06:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	4/12/2013 7:06:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	4/12/2013 7:06:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	4/12/2013 7:06:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	4/12/2013 7:06:00 PM
Tetrachloroethene	83.1	0.0672	1.00		µg/L	1	4/12/2013 7:06:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	4/12/2013 7:06:00 PM
Trichloroethene	17.9	0.0870	1.00		µg/L	1	4/12/2013 7:06:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	4/12/2013 7:06:00 PM
Surr: 1,2-Dichloroethane-d4	100	85.3-116			%REC	1	4/12/2013 7:06:00 PM
Surr: 4-Bromofluorobenzene	101	88.1-120			%REC	1	4/12/2013 7:06:00 PM
Surr: Dibromofluoromethane	113	94.2-122			%REC	1	4/12/2013 7:06:00 PM
Surr: Toluene-d8	105	86.2-135			%REC	1	4/12/2013 7:06:00 PM

Specialty Analytical

Date Reported: 16-Apr-13

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1304092

Lab ID: 1304092-007
Client Sample ID: MW14-040913

Collection Date: 4/9/2013 1:25:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	4/12/2013 7:40:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	4/12/2013 7:40:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	4/12/2013 7:40:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	4/12/2013 7:40:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	4/12/2013 7:40:00 PM
Tetrachloroethene	3.29	0.0672	1.00		µg/L	1	4/12/2013 7:40:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	4/12/2013 7:40:00 PM
Trichloroethene	1.10	0.0870	1.00		µg/L	1	4/12/2013 7:40:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	4/12/2013 7:40:00 PM
Surr: 1,2-Dichloroethane-d4	102	85.3-116			%REC	1	4/12/2013 7:40:00 PM
Surr: 4-Bromofluorobenzene	120	88.1-120			%REC	1	4/12/2013 7:40:00 PM
Surr: Dibromofluoromethane	114	94.2-122			%REC	1	4/12/2013 7:40:00 PM
Surr: Toluene-d8	96.5	86.2-135			%REC	1	4/12/2013 7:40:00 PM

Lab ID: 1304092-008
Client Sample ID: MW20-040913

Collection Date: 4/9/2013 2:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	4/15/2013 11:54:00 AM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	4/15/2013 11:54:00 AM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	4/15/2013 11:54:00 AM
Chloroethane	ND	0.203	1.00		µg/L	1	4/15/2013 11:54:00 AM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	4/15/2013 11:54:00 AM
Tetrachloroethene	ND	0.0672	1.00		µg/L	1	4/15/2013 11:54:00 AM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	4/15/2013 11:54:00 AM
Trichloroethene	ND	0.0870	1.00		µg/L	1	4/15/2013 11:54:00 AM
Vinyl chloride	ND	0.155	1.00		µg/L	1	4/15/2013 11:54:00 AM
Surr: 1,2-Dichloroethane-d4	97.7	85.3-116			%REC	1	4/15/2013 11:54:00 AM
Surr: 4-Bromofluorobenzene	100	88.1-120			%REC	1	4/15/2013 11:54:00 AM
Surr: Dibromofluoromethane	103	94.2-122			%REC	1	4/15/2013 11:54:00 AM
Surr: Toluene-d8	103	86.2-135			%REC	1	4/15/2013 11:54:00 AM

Specialty Analytical

Date Reported: 16-Apr-13

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1304092

Lab ID: 1304092-009
Client Sample ID: MW11-040913

Collection Date: 4/9/2013 3:20:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	4/15/2013 12:28:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	4/15/2013 12:28:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	4/15/2013 12:28:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	4/15/2013 12:28:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	4/15/2013 12:28:00 PM
Tetrachloroethene	34.8	0.0672	1.00		µg/L	1	4/15/2013 12:28:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	4/15/2013 12:28:00 PM
Trichloroethene	1.99	0.0870	1.00		µg/L	1	4/15/2013 12:28:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	4/15/2013 12:28:00 PM
Surr: 1,2-Dichloroethane-d4	97.3	85.3-116			%REC	1	4/15/2013 12:28:00 PM
Surr: 4-Bromofluorobenzene	99.8	88.1-120			%REC	1	4/15/2013 12:28:00 PM
Surr: Dibromofluoromethane	103	94.2-122			%REC	1	4/15/2013 12:28:00 PM
Surr: Toluene-d8	102	86.2-135			%REC	1	4/15/2013 12:28:00 PM

Lab ID: 1304092-010
Client Sample ID: MW13-040913

Collection Date: 4/9/2013 4:40:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	4/15/2013 1:03:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	4/15/2013 1:03:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	4/15/2013 1:03:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	4/15/2013 1:03:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	4/15/2013 1:03:00 PM
Tetrachloroethene	948	3.36	50.0		µg/L	50	4/15/2013 5:17:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	4/15/2013 1:03:00 PM
Trichloroethene	32.5	0.0870	1.00		µg/L	1	4/15/2013 1:03:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	4/15/2013 1:03:00 PM
Surr: 1,2-Dichloroethane-d4	97.7	85.3-116			%REC	1	4/15/2013 1:03:00 PM
Surr: 4-Bromofluorobenzene	101	88.1-120			%REC	1	4/15/2013 1:03:00 PM
Surr: Dibromofluoromethane	104	94.2-122			%REC	1	4/15/2013 1:03:00 PM
Surr: Toluene-d8	102	86.2-135			%REC	1	4/15/2013 1:03:00 PM

Specialty Analytical

Date Reported: 16-Apr-13

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1304092

Lab ID: 1304092-011
Client Sample ID: MW17-040913

Collection Date: 4/9/2013 6:05:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	4/15/2013 1:37:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	4/15/2013 1:37:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	4/15/2013 1:37:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	4/15/2013 1:37:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	4/15/2013 1:37:00 PM
Tetrachloroethene	ND	0.0672	1.00		µg/L	1	4/15/2013 4:43:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	4/15/2013 1:37:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	4/15/2013 1:37:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	4/15/2013 1:37:00 PM
Surr: 1,2-Dichloroethane-d4	97.2	85.3-116			%REC	1	4/15/2013 1:37:00 PM
Surr: 4-Bromofluorobenzene	100	88.1-120			%REC	1	4/15/2013 1:37:00 PM
Surr: Dibromofluoromethane	104	94.2-122			%REC	1	4/15/2013 1:37:00 PM
Surr: Toluene-d8	104	86.2-135			%REC	1	4/15/2013 1:37:00 PM

Lab ID: 1304092-012
Client Sample ID: MW18-041013

Collection Date: 4/10/2013 9:50:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	4/15/2013 2:11:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	4/15/2013 2:11:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	4/15/2013 2:11:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	4/15/2013 2:11:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	4/15/2013 2:11:00 PM
Tetrachloroethene	ND	0.0672	1.00		µg/L	1	4/15/2013 2:11:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	4/15/2013 2:11:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	4/15/2013 2:11:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	4/15/2013 2:11:00 PM
Surr: 1,2-Dichloroethane-d4	99.2	85.3-116			%REC	1	4/15/2013 2:11:00 PM
Surr: 4-Bromofluorobenzene	101	88.1-120			%REC	1	4/15/2013 2:11:00 PM
Surr: Dibromofluoromethane	105	94.2-122			%REC	1	4/15/2013 2:11:00 PM
Surr: Toluene-d8	103	86.2-135			%REC	1	4/15/2013 2:11:00 PM

Specialty Analytical

Date Reported: 16-Apr-13

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1304092

Lab ID: 1304092-013
Client Sample ID: MW19-041013

Collection Date: 4/10/2013 11:45:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	4/15/2013 2:45:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	4/15/2013 2:45:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	4/15/2013 2:45:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	4/15/2013 2:45:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	4/15/2013 2:45:00 PM
Tetrachloroethene	1.69	0.0672	1.00		µg/L	1	4/15/2013 2:45:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	4/15/2013 2:45:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	4/15/2013 2:45:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	4/15/2013 2:45:00 PM
Surr: 1,2-Dichloroethane-d4	97.6	85.3-116			%REC	1	4/15/2013 2:45:00 PM
Surr: 4-Bromofluorobenzene	100	88.1-120			%REC	1	4/15/2013 2:45:00 PM
Surr: Dibromofluoromethane	104	94.2-122			%REC	1	4/15/2013 2:45:00 PM
Surr: Toluene-d8	103	86.2-135			%REC	1	4/15/2013 2:45:00 PM

Lab ID: 1304092-014
Client Sample ID: MW15-041013

Collection Date: 4/10/2013 2:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	4/15/2013 3:20:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	4/15/2013 3:20:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	4/15/2013 3:20:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	4/15/2013 3:20:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	4/15/2013 3:20:00 PM
Tetrachloroethene	10.5	0.0672	1.00		µg/L	1	4/15/2013 3:20:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	4/15/2013 3:20:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	4/15/2013 3:20:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	4/15/2013 3:20:00 PM
Surr: 1,2-Dichloroethane-d4	98.5	85.3-116			%REC	1	4/15/2013 3:20:00 PM
Surr: 4-Bromofluorobenzene	100	88.1-120			%REC	1	4/15/2013 3:20:00 PM
Surr: Dibromofluoromethane	104	94.2-122			%REC	1	4/15/2013 3:20:00 PM
Surr: Toluene-d8	101	86.2-135			%REC	1	4/15/2013 3:20:00 PM

Specialty Analytical

Date Reported: 16-Apr-13

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1304092

Lab ID: 1304092-015
Client Sample ID: MW16-041013

Collection Date: 4/10/2013 3:50:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS							
				SW8260B			Analyst: ep
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	4/15/2013 3:54:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	4/15/2013 3:54:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	4/15/2013 3:54:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	4/15/2013 3:54:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	4/15/2013 3:54:00 PM
Tetrachloroethene	7.68	0.0672	1.00		µg/L	1	4/15/2013 3:54:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	4/15/2013 3:54:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	4/15/2013 3:54:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	4/15/2013 3:54:00 PM
Surr: 1,2-Dichloroethane-d4	98.1	85.3-116			%REC	1	4/15/2013 3:54:00 PM
Surr: 4-Bromofluorobenzene	100	88.1-120			%REC	1	4/15/2013 3:54:00 PM
Surr: Dibromofluoromethane	104	94.2-122			%REC	1	4/15/2013 3:54:00 PM
Surr: Toluene-d8	101	86.2-135			%REC	1	4/15/2013 3:54:00 PM

QC SUMMARY REPORT

WO#: 1304092

16-Apr-13

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

TestCode: 8260_W

Sample ID: CCV	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 9237						
Client ID: CCV	Batch ID: R9237	TestNo: SW8260B		Analysis Date: 4/12/2013	SeqNo: 114978						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	43.3	1.00	40.00	0	108	80	120				
Vinyl chloride	33.6	1.00	40.00	0	84.0	80	120				

Sample ID: LCS	SampType: LCS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 9237						
Client ID: LCSW	Batch ID: R9237	TestNo: SW8260B		Analysis Date: 4/12/2013	SeqNo: 114980						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	40.1	1.00	40.00	0	100	61.2	135				
Trichloroethene	39.4	1.00	40.00	0	98.4	68.5	124				

Sample ID: MBLK	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 9237						
Client ID: PBW	Batch ID: R9237	TestNo: SW8260B		Analysis Date: 4/12/2013	SeqNo: 114982						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Tetrachloroethene	0.180	1.00									J
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit Page 1 of 5
R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

WO#: 1304092

16-Apr-13

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

TestCode: 8260_W

Sample ID: MBLK	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 9237						
Client ID: PBW	Batch ID: R9237	TestNo: SW8260B		Analysis Date: 4/12/2013	SeqNo: 114982						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	99.6		100.0		99.6	85.3	116				
Surr: 4-Bromofluorobenzene	113		100.0		113	88.1	120				
Surr: Dibromofluoromethane	111		100.0		111	94.2	122				
Surr: Toluene-d8	93.9		100.0		93.9	86.2	135				

Sample ID: CCV	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 9237						
Client ID: CCV	Batch ID: R9237	TestNo: SW8260B		Analysis Date: 4/15/2013	SeqNo: 115090						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	44.2	1.00	40.00	0	111	80	120				
Vinyl chloride	41.0	1.00	40.00	0	102	80	120				

Sample ID: CCB	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 9237						
Client ID: CCB	Batch ID: R9237	TestNo: SW8260B		Analysis Date: 4/15/2013	SeqNo: 115091						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Tetrachloroethene	0.150	1.00									
trans-1,2-Dichloroethene	ND	1.00									

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit Page 2 of 5
R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

WO#: 1304092

16-Apr-13

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

TestCode: 8260_W

Sample ID: CCB	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 9237						
Client ID: CCB	Batch ID: R9237	TestNo: SW8260B		Analysis Date: 4/15/2013	SeqNo: 115091						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	96.2		100.0		96.2	85.3	116				
Surr: 4-Bromofluorobenzene	107		100.0		107	88.1	120				
Surr: Dibromofluoromethane	101		100.0		101	94.2	122				
Surr: Toluene-d8	97.0		100.0		97.0	86.2	135				

Sample ID: 1304092-007AMS	SampType: MS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 9237						
Client ID: MW14-040913	Batch ID: R9237	TestNo: SW8260B		Analysis Date: 4/15/2013	SeqNo: 115092						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	41.7	1.00	40.00	0	104	47.8	165				
Trichloroethene	42.6	1.00	40.00	1.100	104	50.8	164				

Sample ID: 1304092-007AMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 9237						
Client ID: MW14-040913	Batch ID: R9237	TestNo: SW8260B		Analysis Date: 4/15/2013	SeqNo: 115093						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	41.1	1.00	40.00	0	103	47.8	165	41.74	1.59	20	
Trichloroethene	41.3	1.00	40.00	1.100	100	50.8	164	42.57	3.08	20	

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit Page 3 of 5
R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

WO#: 1304092

16-Apr-13

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

TestCode: 8260_W

Sample ID: CCV	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 9248						
Client ID: CCV	Batch ID: R9248	TestNo: SW8260B		Analysis Date: 4/15/2013	SeqNo: 115098						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	38.5	1.00	40.00	0	96.3	80	120
Vinyl chloride	37.0	1.00	40.00	0	92.5	80	120

Sample ID: LCS	SampType: LCS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 9248						
Client ID: LCSW	Batch ID: R9248	TestNo: SW8260B		Analysis Date: 4/15/2013	SeqNo: 115099						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	36.8	1.00	40.00	0	91.9	61.2	135
Trichloroethene	36.8	1.00	40.00	0	92.1	68.5	124

Sample ID: MB	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 9248						
Client ID: PBW	Batch ID: R9248	TestNo: SW8260B		Analysis Date: 4/15/2013	SeqNo: 115100						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethane	ND	1.00
1,1-Dichloroethene	ND	1.00
1,2-Dichloroethane	ND	1.00
Chloroethane	ND	1.00
cis-1,2-Dichloroethene	ND	1.00
Tetrachloroethene	ND	1.00
trans-1,2-Dichloroethene	ND	1.00
Trichloroethene	ND	1.00
Vinyl chloride	ND	1.00

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit Page 4 of 5
R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

QC SUMMARY REPORT

WO#: 1304092

16-Apr-13

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

TestCode: 8260_W

Sample ID: MB	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 9248						
Client ID: PBW	Batch ID: R9248	TestNo: SW8260B		Analysis Date: 4/15/2013	SeqNo: 115100						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	98.2		100.0		98.2	85.3	116				
Surr: 4-Bromofluorobenzene	98.3		100.0		98.3	88.1	120				
Surr: Dibromofluoromethane	100		100.0		101	94.2	122				
Surr: Toluene-d8	103		100.0		103	86.2	135				

Sample ID: 1304092-012AMS	SampType: MS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 9248						
Client ID: MW18-041013	Batch ID: R9248	TestNo: SW8260B		Analysis Date: 4/15/2013	SeqNo: 115184						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	45.9	1.00	40.00	0	115	47.8	165				
Trichloroethene	40.9	1.00	40.00	0	102	50.8	164				

Sample ID: 1304092-012AMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 9248						
Client ID: MW18-041013	Batch ID: R9248	TestNo: SW8260B		Analysis Date: 4/15/2013	SeqNo: 115185						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	45.6	1.00	40.00	0	114	47.8	165	45.90	0.722	20	
Trichloroethene	41.0	1.00	40.00	0	102	50.8	164	40.94	0.0977	20	

KEY TO FLAGS

Rev. May 12, 2010

- A This sample contains a Gasoline Range Organic not identified as a specific hydrocarbon product. The result was quantified against gasoline calibration standards
- A1 This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was quantified against diesel calibration standards.
- A2 This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was quantified against a lube oil calibration standard.
- A3 The result was determined to be Non-Detect based on hydrocarbon pattern recognition. The product was carry-over from another hydrocarbon type.
- A4 The product appears to be aged or degraded diesel.
- B The blank exhibited a positive result great than the reporting limit for this compound.
- CN See Case Narrative.
- D Result is based from a dilution.
- E Result exceeds the calibration range for this compound. The result should be considered as estimate.
- F The positive result for this hydrocarbon is due to single component contamination. The product does not match any hydrocarbon in the fuels library.
- G Result may be biased high due to biogenic interferences. Clean up is recommended.
- H Sample was analyzed outside recommended holding time.
- HT At clients request, samples was analyzed outside of recommended holding time.
- J The result for this analyte is between the MDL and the PQL and should be considered as estimated concentration.
- K Diesel result is biased high due to amount of Oil contained in the sample.
- L Diesel result is biased high due to amount of Gasoline contained in the sample.
- M Oil result is biased high due to amount of Diesel contained in the sample.
- MC Sample concentration is greater than 4x the spiked value, the spiked value is considered insignificant.
- MI Result is outside control limits due to matrix interference.
- MSA Value determined by Method of Standard Addition.
- O Laboratory Control Standard (LCS) exceeded laboratory control limits, but meets CCV criteria. Data meets EPA requirements.
- Q Detection levels elevated due to sample matrix.
- R RPD control limits were exceeded.
- RF Duplicate failed due to result being at or near the method-reporting limit.
- RP Matrix spike values exceed established QC limits; post digestion spike is in control.
- S Recovery is outside control limits.
- SC Closing CCV or LCS exceeded high recovery control limits, but associated samples are non-detect. Data meets EPA requirements.
- * The result for this parameter was greater than the maximum contaminant level of the TCLP regulatory limit.

CHAIN OF CUSTODY RECORD

Specialty Analytical
 11711 SE Capps Road
 Clackamas, OR 97015
 Phone: 503-607-1331
 Fax: 503-607-1336

Contact Person/Project Manager Merideth D. Andree
 Company Maul Foster & Alongi
 Address 9001 NW 19th Suite 200
Portland OR 97209
 Phone 971 544 2139 Fax _____
 Project No. 8006.31.02 Project Name Park Laundry
 Project Site Location OR WA X Other _____
 Invoice To MFA P.O. No. _____

Collected By: _____
 Signature [Signature]
 Printed Andrew Vidoveck

Signature _____
 Printed _____

Turn Around Time _____
 Normal 5-7 Business Days
 Rush _____ Specify _____

Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix	Analyses								No. of Containers	For Laboratory Use		
				1,1-DCE	CIS-1,2-DCE	PCE	Trans-1,2-DCE	TCE	Vinyl Chloride	1,1-DCA	1,2-DCA		Chloroethane	Lab Job No.	Comments
4/8/13	1410	MW08-040813	W	X	X	X	X	X	X	X	X	X	5	150A09K	
4/8/13		Trip Blank	W	X	X	X	X	X	X	X	X	X	2	Specialty	* Report to MDL for all analyses.
4/8/13	1540	MW21-040813	W	X	X	X	X	X	X	X	X	X	5		
4/8/13	1725	MW09-040813	W	X	X	X	X	X	X	X	X	X	5		
4/9/13	0930	MW07-040913	W	X	X	X	X	X	X	X	X	X	5		
4/9/13	1115	MW10-040913	W	X	X	X	X	X	X	X	X	X	5		
4/9/13	1325	MW14-040913	W	X	X	X	X	X	X	X	X	X	5		
4/9/13	1400	MW20-040913	W	X	X	X	X	X	X	X	X	X	5		
4/9/13	1520	MW11-040913	W	X	X	X	X	X	X	X	X	X	5		
4/9/13	1640	MW13-040913	W	X	X	X	X	X	X	X	X	X	5		
4/9/13	1805	MW17-040913	W	X	X	X	X	X	X	X	X	X	5		
4/10/13	0950	MW18-041013	W	X	X	X	X	X	X	X	X	X	5		
Relinquished By: <u>Andrew Vidoveck</u>			Received By: <u>[Signature]</u>									Relinquished By: <u>[Signature]</u>	Date: <u>4/10/13</u>	Time: <u>1700</u>	
Company: <u>MFA</u>			Company: <u>[Signature]</u>									Company: <u>[Signature]</u>	Date: <u>4/13/13</u>	Time: <u>1500</u>	
Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt. Samples held beyond 60 days subject to storage fee(s)												Received For Lab By: <u>Nicky Capps</u>		Date: <u>4/13</u>	Time: <u>1500</u>

CHAIN OF CUSTODY RECORD

Specialty Analytical
 11711 SE Capps Road
 Clackamas, OR 97015
 Phone: 503-607-1331
 Fax: 503-607-1336

Contact Person/Project Manager Merideth DiAndrea
 Company Maul Foster & Alonzi
 Address 8001 NW 14th Suite 0200
Portland OR 97209
 Phone ~~503-607-1331~~ 971 544 7139
 Project No 5006, 31, 02 Project Name Park Laundry
 Project Site Location OR WA X Other
 Invoice To MFA P.O. No. _____

Collected By: _____
 Signature: Andrew Vidorek
 Printed: Andrew Vidorek

Turn Around Time _____
 Normal 5-7 Business Days
 Rush _____ Specify _____

Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix	No. of Containers	Analyses	For Laboratory Use	Relinquished By	Date	Time
4/10/13	1145	MW19-041013	W	5	1,1-DCE CIS-1,2-DCE OCF TCE Vinyl Chloride 1,1-DCA 1,2-DCA Chloroethane	Lab Job No. <u>304012</u> Shipped Via <u>Specialty</u> Air Bill No. _____ Temperature On Receipt <u>4</u> °C Specialty Analytical Containers? <u>Y/N</u> Specialty Analytical Trip Blanks? <u>Y/N</u>	<u>[Signature]</u>	<u>4/10/13</u>	<u>1700</u>
4/10/13	1400	MW15-041013	W	5	1,1-DCE CIS-1,2-DCE OCF TCE Vinyl Chloride 1,1-DCA 1,2-DCA Chloroethane	X Report to MDL for all analyses.	<u>[Signature]</u>	<u>4/10/13</u>	<u>1500</u>
4/10/13	1550	MW16-041013	W	5	1,1-DCE CIS-1,2-DCE OCF TCE Vinyl Chloride 1,1-DCA 1,2-DCA Chloroethane		<u>[Signature]</u>	<u>4/10/13</u>	<u>1500</u>
					Relinquished By: <u>[Signature]</u> Company: <u>MFA</u>		Received For Lab By: <u>[Signature]</u> Company: <u>MFA</u>		

Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.
 Samples held beyond 60 days subject to storage fees(s)



Specialty Analytical

11711 SE Capps Road, Ste B
Clackamas, Oregon 97015
TEL: 503-607-1331 FAX: 503-607-1336
Website: www.specialtyanalytical.com

June 06, 2013

Merideth D'Andrea
Maul Foster & Alongi
400 E. Mill Plain Blvd.
Suite 400
Vancouver, WA 98660
TEL: (360) 694-2691
FAX (360) 906-1958
RE: Park Laundry / 8006.31.02

Dear Merideth D'Andrea:

Order No.: 1306010

Specialty Analytical received 10 sample(s) on 6/4/2013 for the analyses presented in the following report.

There were no problems with the analysis and all data for associated QC met EPA or laboratory specifications, except where noted in the Case Narrative, or as qualified with flags. Results apply only to the samples analyzed. Without approval of the laboratory, the reproduction of this report is only permitted in its entirety.

If you have any questions regarding these tests, please feel free to call.

Sincerely,

A handwritten signature in black ink, appearing to read "Marty French". The signature is fluid and cursive, with a prominent loop at the end.

Marty French
Lab Director

Specialty Analytical

Date Reported: 06-Jun-13

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1306010

Lab ID: 1306010-001
Client Sample ID: MW08-060213

Collection Date: 6/2/2013 5:18:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	6/4/2013 3:11:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	6/4/2013 3:11:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	6/4/2013 3:11:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	6/4/2013 3:11:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	6/4/2013 3:11:00 PM
Tetrachloroethene	ND	0.0672	1.00		µg/L	1	6/4/2013 3:11:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	6/4/2013 3:11:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	6/4/2013 3:11:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	6/4/2013 3:11:00 PM
Surr: 1,2-Dichloroethane-d4	101	85.3-116			%REC	1	6/4/2013 3:11:00 PM
Surr: 4-Bromofluorobenzene	97.4	88.1-120			%REC	1	6/4/2013 3:11:00 PM
Surr: Dibromofluoromethane	109	94.2-122			%REC	1	6/4/2013 3:11:00 PM
Surr: Toluene-d8	97.6	86.2-135			%REC	1	6/4/2013 3:11:00 PM

Lab ID: 1306010-002
Client Sample ID: MW01-060313

Collection Date: 6/3/2013 10:05:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	6/4/2013 3:45:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	6/4/2013 3:45:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	6/4/2013 3:45:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	6/4/2013 3:45:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	6/4/2013 3:45:00 PM
Tetrachloroethene	9.67	0.0672	1.00		µg/L	1	6/4/2013 3:45:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	6/4/2013 3:45:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	6/4/2013 3:45:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	6/4/2013 3:45:00 PM
Surr: 1,2-Dichloroethane-d4	99.3	85.3-116			%REC	1	6/4/2013 3:45:00 PM
Surr: 4-Bromofluorobenzene	97.9	88.1-120			%REC	1	6/4/2013 3:45:00 PM
Surr: Dibromofluoromethane	110	94.2-122			%REC	1	6/4/2013 3:45:00 PM
Surr: Toluene-d8	97.4	86.2-135			%REC	1	6/4/2013 3:45:00 PM

Specialty Analytical

Date Reported: 06-Jun-13

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1306010

Lab ID: 1306010-003
Client Sample ID: MW02-060313

Collection Date: 6/3/2013 11:08:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B			Analyst: ep	
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	6/4/2013 4:19:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	6/4/2013 4:19:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	6/4/2013 4:19:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	6/4/2013 4:19:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	6/4/2013 4:19:00 PM
Tetrachloroethene	0.320	0.0672	1.00	J	µg/L	1	6/4/2013 4:19:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	6/4/2013 4:19:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	6/4/2013 4:19:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	6/4/2013 4:19:00 PM
Surr: 1,2-Dichloroethane-d4	100	85.3-116			%REC	1	6/4/2013 4:19:00 PM
Surr: 4-Bromofluorobenzene	97.3	88.1-120			%REC	1	6/4/2013 4:19:00 PM
Surr: Dibromofluoromethane	110	94.2-122			%REC	1	6/4/2013 4:19:00 PM
Surr: Toluene-d8	98.0	86.2-135			%REC	1	6/4/2013 4:19:00 PM

Lab ID: 1306010-004
Client Sample ID: MW21-060313

Collection Date: 6/3/2013 11:40:00 AM
Matrix: AQUEOUS

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B			Analyst: ep	
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	6/4/2013 4:52:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	6/4/2013 4:52:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	6/4/2013 4:52:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	6/4/2013 4:52:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	6/4/2013 4:52:00 PM
Tetrachloroethene	14.0	0.0672	1.00		µg/L	1	6/4/2013 4:52:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	6/4/2013 4:52:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	6/4/2013 4:52:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	6/4/2013 4:52:00 PM
Surr: 1,2-Dichloroethane-d4	98.2	85.3-116			%REC	1	6/4/2013 4:52:00 PM
Surr: 4-Bromofluorobenzene	98.0	88.1-120			%REC	1	6/4/2013 4:52:00 PM
Surr: Dibromofluoromethane	111	94.2-122			%REC	1	6/4/2013 4:52:00 PM
Surr: Toluene-d8	98.8	86.2-135			%REC	1	6/4/2013 4:52:00 PM

Specialty Analytical

Date Reported: 06-Jun-13

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1306010

Lab ID: 1306010-005
Client Sample ID: MW03-060313

Collection Date: 6/3/2013 12:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	6/4/2013 5:26:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	6/4/2013 5:26:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	6/4/2013 5:26:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	6/4/2013 5:26:00 PM
cis-1,2-Dichloroethene	0.520	0.0660	1.00	J	µg/L	1	6/4/2013 5:26:00 PM
Tetrachloroethene	653	6.72	100		µg/L	100	6/5/2013 11:21:00 AM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	6/4/2013 5:26:00 PM
Trichloroethene	1.91	0.0870	1.00		µg/L	1	6/4/2013 5:26:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	6/4/2013 5:26:00 PM
Surr: 1,2-Dichloroethane-d4	101	85.3-116			%REC	1	6/4/2013 5:26:00 PM
Surr: 4-Bromofluorobenzene	98.5	88.1-120			%REC	1	6/4/2013 5:26:00 PM
Surr: Dibromofluoromethane	112	94.2-122			%REC	1	6/4/2013 5:26:00 PM
Surr: Toluene-d8	96.0	86.2-135			%REC	1	6/4/2013 5:26:00 PM

Lab ID: 1306010-006
Client Sample ID: Trip Blank-060313

Collection Date: 6/3/2013
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	6/4/2013 2:38:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	6/4/2013 2:38:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	6/4/2013 2:38:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	6/4/2013 2:38:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	6/4/2013 2:38:00 PM
Tetrachloroethene	ND	0.0672	1.00		µg/L	1	6/4/2013 2:38:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	6/4/2013 2:38:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	6/4/2013 2:38:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	6/4/2013 2:38:00 PM
Surr: 1,2-Dichloroethane-d4	100	85.3-116			%REC	1	6/4/2013 2:38:00 PM
Surr: 4-Bromofluorobenzene	96.5	88.1-120			%REC	1	6/4/2013 2:38:00 PM
Surr: Dibromofluoromethane	108	94.2-122			%REC	1	6/4/2013 2:38:00 PM
Surr: Toluene-d8	98.8	86.2-135			%REC	1	6/4/2013 2:38:00 PM

Specialty Analytical

Date Reported: 06-Jun-13

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1306010

Lab ID: 1306010-007
Client Sample ID: MW05-060313

Collection Date: 6/3/2013 2:35:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	6/4/2013 5:59:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	6/4/2013 5:59:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	6/4/2013 5:59:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	6/4/2013 5:59:00 PM
cis-1,2-Dichloroethene	0.160	0.0660	1.00	J	µg/L	1	6/4/2013 5:59:00 PM
Tetrachloroethene	950	6.72	100		µg/L	100	6/5/2013 11:55:00 AM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	6/4/2013 5:59:00 PM
Trichloroethene	2.53	0.0870	1.00		µg/L	1	6/4/2013 5:59:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	6/4/2013 5:59:00 PM
Surr: 1,2-Dichloroethane-d4	96.2	85.3-116			%REC	1	6/4/2013 5:59:00 PM
Surr: 4-Bromofluorobenzene	95.6	88.1-120			%REC	1	6/4/2013 5:59:00 PM
Surr: Dibromofluoromethane	111	94.2-122			%REC	1	6/4/2013 5:59:00 PM
Surr: Toluene-d8	95.8	86.2-135			%REC	1	6/4/2013 5:59:00 PM

Lab ID: 1306010-008
Client Sample ID: MW05-060313-DUP

Collection Date: 6/3/2013 2:35:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	6/4/2013 6:32:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	6/4/2013 6:32:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	6/4/2013 6:32:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	6/4/2013 6:32:00 PM
cis-1,2-Dichloroethene	0.180	0.0660	1.00	J	µg/L	1	6/4/2013 6:32:00 PM
Tetrachloroethene	1790	6.72	100		µg/L	100	6/5/2013 1:42:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	6/4/2013 6:32:00 PM
Trichloroethene	2.70	0.0870	1.00		µg/L	1	6/4/2013 6:32:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	6/4/2013 6:32:00 PM
Surr: 1,2-Dichloroethane-d4	95.8	85.3-116			%REC	1	6/4/2013 6:32:00 PM
Surr: 4-Bromofluorobenzene	96.8	88.1-120			%REC	1	6/4/2013 6:32:00 PM
Surr: Dibromofluoromethane	112	94.2-122			%REC	1	6/4/2013 6:32:00 PM
Surr: Toluene-d8	95.0	86.2-135			%REC	1	6/4/2013 6:32:00 PM

Specialty Analytical

Date Reported: 06-Jun-13

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1306010

Lab ID: 1306010-009
Client Sample ID: MW06-060313

Collection Date: 6/3/2013 4:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	6/4/2013 7:06:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	6/4/2013 7:06:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	6/4/2013 7:06:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	6/4/2013 7:06:00 PM
cis-1,2-Dichloroethene	1.10	0.0660	1.00		µg/L	1	6/4/2013 7:06:00 PM
Tetrachloroethene	3.92	0.0672	1.00		µg/L	1	6/5/2013 10:48:00 AM
trans-1,2-Dichloroethene	0.270	0.0830	1.00	J	µg/L	1	6/4/2013 7:06:00 PM
Trichloroethene	6.61	0.0870	1.00		µg/L	1	6/4/2013 7:06:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	6/4/2013 7:06:00 PM
Surr: 1,2-Dichloroethane-d4	94.2	85.3-116			%REC	1	6/4/2013 7:06:00 PM
Surr: 4-Bromofluorobenzene	97.2	88.1-120			%REC	1	6/4/2013 7:06:00 PM
Surr: Dibromofluoromethane	110	94.2-122			%REC	1	6/4/2013 7:06:00 PM
Surr: Toluene-d8	101	86.2-135			%REC	1	6/4/2013 7:06:00 PM

Lab ID: 1306010-010
Client Sample ID: MW09-060313

Collection Date: 6/3/2013 4:13:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	6/4/2013 7:40:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	6/4/2013 7:40:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	6/4/2013 7:40:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	6/4/2013 7:40:00 PM
cis-1,2-Dichloroethene	0.430	0.0660	1.00	J	µg/L	1	6/4/2013 7:40:00 PM
Tetrachloroethene	62.1	0.0672	1.00		µg/L	1	6/4/2013 7:40:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	6/4/2013 7:40:00 PM
Trichloroethene	93.4	0.0870	1.00		µg/L	1	6/4/2013 7:40:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	6/4/2013 7:40:00 PM
Surr: 1,2-Dichloroethane-d4	88.3	85.3-116			%REC	1	6/4/2013 7:40:00 PM
Surr: 4-Bromofluorobenzene	99.5	88.1-120			%REC	1	6/4/2013 7:40:00 PM
Surr: Dibromofluoromethane	101	94.2-122			%REC	1	6/4/2013 7:40:00 PM
Surr: Toluene-d8	98.6	86.2-135			%REC	1	6/4/2013 7:40:00 PM

QC SUMMARY REPORT

WO#: 1306010

06-Jun-13

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

TestCode: 8260_W

Sample ID: CCV	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 9992						
Client ID: CCV	Batch ID: R9992	TestNo: SW8260B		Analysis Date: 6/4/2013	SeqNo: 125976						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	45.1	1.00	40.00	0	113	80	120
Vinyl chloride	38.2	1.00	40.00	0	95.5	80	120

Sample ID: LCS	SampType: LCS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 9992						
Client ID: LCSW	Batch ID: R9992	TestNo: SW8260B		Analysis Date: 6/4/2013	SeqNo: 125977						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	44.4	1.00	40.00	0	111	61.2	135
Trichloroethene	41.6	1.00	40.00	0	104	68.5	124

Sample ID: MB	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 9992						
Client ID: PBW	Batch ID: R9992	TestNo: SW8260B		Analysis Date: 6/4/2013	SeqNo: 125978						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethane	ND	1.00
1,1-Dichloroethene	ND	1.00
1,2-Dichloroethane	ND	1.00
Chloroethane	ND	1.00
cis-1,2-Dichloroethene	ND	1.00
Tetrachloroethene	ND	1.00
trans-1,2-Dichloroethene	ND	1.00
Trichloroethene	ND	1.00
Vinyl chloride	ND	1.00

Qualifiers:	B Analyte detected in the associated Method Blank	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	R RPD outside accepted recovery limits	S Spike Recovery outside accepted recovery limits	

QC SUMMARY REPORT

WO#: 1306010

06-Jun-13

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

TestCode: 8260_W

Sample ID: MB	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 9992						
Client ID: PBW	Batch ID: R9992	TestNo: SW8260B		Analysis Date: 6/4/2013	SeqNo: 125978						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	98.8		100.0		98.8	85.3	116				
Surr: 4-Bromofluorobenzene	95.4		100.0		95.4	88.1	120				
Surr: Dibromofluoromethane	107		100.0		107	94.2	122				
Surr: Toluene-d8	97.8		100.0		97.8	86.2	135				

Sample ID: 1306010-002AMS	SampType: MS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 9992						
Client ID: MW01-060313	Batch ID: R9992	TestNo: SW8260B		Analysis Date: 6/4/2013	SeqNo: 125990						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	49.8	1.00	40.00	0	124	47.8	165				
Trichloroethene	53.2	1.00	40.00	0	133	50.8	164				

Sample ID: 1306010-002AMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 9992						
Client ID: MW01-060313	Batch ID: R9992	TestNo: SW8260B		Analysis Date: 6/4/2013	SeqNo: 125991						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	48.5	1.00	40.00	0	121	47.8	165	49.78	2.56	20	
Trichloroethene	48.7	1.00	40.00	0	122	50.8	164	53.22	8.85	20	

QC SUMMARY REPORT

WO#: 1306010

06-Jun-13

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

TestCode: 8260_W

Sample ID: CCV	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 9992						
Client ID: CCV	Batch ID: R9992	TestNo: SW8260B		Analysis Date: 6/5/2013	SeqNo: 126313						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	45.1	1.00	40.00	0	113	80	120				

Sample ID: CCB	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 9992						
Client ID: CCB	Batch ID: R9992	TestNo: SW8260B		Analysis Date: 6/5/2013	SeqNo: 126314						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	0.260	1.00									
Surr: 1,2-Dichloroethane-d4	94.5		100.0		94.5	85.3	116				
Surr: 4-Bromofluorobenzene	91.7		100.0		91.7	88.1	120				
Surr: Dibromofluoromethane	103		100.0		103	94.2	122				
Surr: Toluene-d8	99.2		100.0		99.2	86.2	135				

KEY TO FLAGS

Rev. May 12, 2010

- A This sample contains a Gasoline Range Organic not identified as a specific hydrocarbon product. The result was quantified against gasoline calibration standards
- A1 This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was quantified against diesel calibration standards.
- A2 This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was quantified against a lube oil calibration standard.
- A3 The result was determined to be Non-Detect based on hydrocarbon pattern recognition. The product was carry-over from another hydrocarbon type.
- A4 The product appears to be aged or degraded diesel.
- B The blank exhibited a positive result great than the reporting limit for this compound.
- CN See Case Narrative.
- D Result is based from a dilution.
- E Result exceeds the calibration range for this compound. The result should be considered as estimate.
- F The positive result for this hydrocarbon is due to single component contamination. The product does not match any hydrocarbon in the fuels library.
- G Result may be biased high due to biogenic interferences. Clean up is recommended.
- H Sample was analyzed outside recommended holding time.
- HT At clients request, samples was analyzed outside of recommended holding time.
- J The result for this analyte is between the MDL and the PQL and should be considered as estimated concentration.
- K Diesel result is biased high due to amount of Oil contained in the sample.
- L Diesel result is biased high due to amount of Gasoline contained in the sample.
- M Oil result is biased high due to amount of Diesel contained in the sample.
- MC Sample concentration is greater than 4x the spiked value, the spiked value is considered insignificant.
- MI Result is outside control limits due to matrix interference.
- MSA Value determined by Method of Standard Addition.
- O Laboratory Control Standard (LCS) exceeded laboratory control limits, but meets CCV criteria. Data meets EPA requirements.
- Q Detection levels elevated due to sample matrix.
- R RPD control limits were exceeded.
- RF Duplicate failed due to result being at or near the method-reporting limit.
- RP Matrix spike values exceed established QC limits; post digestion spike is in control.
- S Recovery is outside control limits.
- SC Closing CCV or LCS exceeded high recovery control limits, but associated samples are non-detect. Data meets EPA requirements.
- * The result for this parameter was greater than the maximum contaminant level of the TCLP regulatory limit.

CHAIN OF CUSTODY RECORD

Page of

Specialty Analytical
 11711 SE Capps Road
 Clackamas, OR 97015
 Phone: 503-607-1331
 Fax: 503-607-1336

Contact Person/Project Manager Merideth D. Anderson
 Company MFA
 Address 2001 NW 15th Suite 200
Portland OR 97209
 Phone 971 544 2139 Fax
 Project No. 8004.31.02 Project Name Park Laundry
 Project Site Location OR WA Other
 Invoice To MFA P.O. No.

Collected By: [Signature]
 Signature Andrew Vidovek
 Printed Andrew Vidovek
 Signature [Signature]
 Printed Sharlene Harvester

Turn Around Time
 Normal 5-7 Business Days
 Rush
 Specify

Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix	No. of Containers	Analyses	Relinquished By	Date	Time
6/2/13	1718	MW08-060213	W	5	1,1-DCE	Nikki Bupper	6/13/13	2000
6/3/13	1005	MW01-060313	W	5	TCS-1,2-DCE	Specialty	6/13/13	2000
6/3/13	1108	MW02-060313	W	5	PCE	Specialty	6/13/13	2000
6/3/13	1140	MW21-060313	W	5	Vinyl Chloride	Specialty	6/13/13	2000
6/3/13	1230	MW03-060313	W	5	1,1-DCE	Specialty	6/13/13	2000
6/3/13		Trip Blank	W	2	1,1-DCE	Specialty	6/13/13	2000
6/3/13	1435	MW05-060313	W	5	TCS-1,2-DCE	Specialty	6/13/13	2000
6/3/13	1435	MW05-060313-DUF	W	5	PCE	Specialty	6/13/13	2000
6/3/13	1600	MW06-060313	W	5	TCS-1,2-DCE	Specialty	6/13/13	2000
6/3/13	1613	MW09-060313	W	5	1,1-DCE	Specialty	6/13/13	2000
6/3/13		MW18-060313	W	5	TCS-1,2-DCE	Specialty	6/13/13	2000

For Laboratory Use	Relinquished By	Date	Time
Lab Job No. <u>1200010</u>	<u>Nikki Bupper</u>	<u>6/13</u>	<u>0745</u>
Shipped Via <u>Specialty</u>	Company: <u>Specialty</u>	Date	Time
Air Bill No. <u> </u>	Received For Lab By: <u>Nikki Bupper</u>	<u>6/13</u>	<u>0745</u>
Temperature On Receipt <u> </u> °C			
Specialty Analytical Containers? <u>Y/N</u>			
Specialty Analytical Trip Blanks? <u>Y/N</u>			
Comments <u>* Report to MDL for all analyses.</u>			

Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.
 Samples held beyond 60 days subject to storage fees(s)



Specialty Analytical

11711 SE Capps Road, Ste B
Clackamas, Oregon 97015
TEL: 503-607-1331 FAX: 503-607-1336
Website: www.specialtyanalytical.com

June 12, 2013

Merideth D'Andrea
Maul Foster & Alongi
400 E. Mill Plain Blvd.
Suite 400
Vancouver, WA 98660
TEL: (360) 694-2691
FAX (360) 906-1958
RE: Park Laundry / 8006.31.02

Dear Merideth D'Andrea:

Order No.: 1306028

Specialty Analytical received 13 sample(s) on 6/5/2013 for the analyses presented in the following report.

There were no problems with the analysis and all data for associated QC met EPA or laboratory specifications, except where noted in the Case Narrative, or as qualified with flags. Results apply only to the samples analyzed. Without approval of the laboratory, the reproduction of this report is only permitted in its entirety.

If you have any questions regarding these tests, please feel free to call.

Sincerely,

A handwritten signature in black ink, appearing to read "Marty French". The signature is cursive and somewhat stylized.

Marty French
Lab Director

Specialty Analytical

Date Reported: 12-Jun-13

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1306028

Lab ID: 1306028-001
Client Sample ID: MW04-060413

Collection Date: 6/4/2013 9:38:31 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B			Analyst: ep	
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	6/10/2013 12:10:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	6/10/2013 12:10:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	6/10/2013 12:10:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	6/10/2013 12:10:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	6/10/2013 12:10:00 PM
Tetrachloroethene	29.2	0.0672	1.00		µg/L	1	6/10/2013 12:10:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	6/10/2013 12:10:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	6/10/2013 12:10:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	6/10/2013 12:10:00 PM
Surr: 1,2-Dichloroethane-d4	93.8	85.3-116			%REC	1	6/10/2013 12:10:00 PM
Surr: 4-Bromofluorobenzene	91.2	88.1-120			%REC	1	6/10/2013 12:10:00 PM
Surr: Dibromofluoromethane	95.1	94.2-122			%REC	1	6/10/2013 12:10:00 PM
Surr: Toluene-d8	111	86.2-135			%REC	1	6/10/2013 12:10:00 PM

Lab ID: 1306028-002
Client Sample ID: MW14-060413

Collection Date: 6/4/2013 9:35:31 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B			Analyst: ep	
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	6/10/2013 12:45:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	6/10/2013 12:45:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	6/10/2013 12:45:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	6/10/2013 12:45:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	6/10/2013 12:45:00 PM
Tetrachloroethene	1.14	0.0672	1.00		µg/L	1	6/10/2013 12:45:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	6/10/2013 12:45:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	6/10/2013 12:45:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	6/10/2013 12:45:00 PM
Surr: 1,2-Dichloroethane-d4	94.0	85.3-116			%REC	1	6/10/2013 12:45:00 PM
Surr: 4-Bromofluorobenzene	91.9	88.1-120			%REC	1	6/10/2013 12:45:00 PM
Surr: Dibromofluoromethane	96.1	94.2-122			%REC	1	6/10/2013 12:45:00 PM
Surr: Toluene-d8	111	86.2-135			%REC	1	6/10/2013 12:45:00 PM

Specialty Analytical

Date Reported: 12-Jun-13

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1306028

Lab ID: 1306028-003
Client Sample ID: MW07-060413

Collection Date: 6/4/2013 11:17:31 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B			Analyst: ep	
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	6/10/2013 1:20:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	6/10/2013 1:20:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	6/10/2013 1:20:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	6/10/2013 1:20:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	6/10/2013 1:20:00 PM
Tetrachloroethene	12.7	0.0672	1.00		µg/L	1	6/10/2013 1:20:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	6/10/2013 1:20:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	6/10/2013 1:20:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	6/10/2013 1:20:00 PM
Surr: 1,2-Dichloroethane-d4	93.6	85.3-116			%REC	1	6/10/2013 1:20:00 PM
Surr: 4-Bromofluorobenzene	91.3	88.1-120			%REC	1	6/10/2013 1:20:00 PM
Surr: Dibromofluoromethane	95.9	94.2-122			%REC	1	6/10/2013 1:20:00 PM
Surr: Toluene-d8	111	86.2-135			%REC	1	6/10/2013 1:20:00 PM

Lab ID: 1306028-004
Client Sample ID: MW10-060413

Collection Date: 6/4/2013 12:20:31 PM
Matrix: AQUEOUS

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B			Analyst: ep	
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	6/10/2013 1:54:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	6/10/2013 1:54:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	6/10/2013 1:54:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	6/10/2013 1:54:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	6/10/2013 1:54:00 PM
Tetrachloroethene	101	0.0672	1.00		µg/L	1	6/10/2013 1:54:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	6/10/2013 1:54:00 PM
Trichloroethene	32.2	0.0870	1.00		µg/L	1	6/10/2013 1:54:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	6/10/2013 1:54:00 PM
Surr: 1,2-Dichloroethane-d4	93.9	85.3-116			%REC	1	6/10/2013 1:54:00 PM
Surr: 4-Bromofluorobenzene	89.8	88.1-120			%REC	1	6/10/2013 1:54:00 PM
Surr: Dibromofluoromethane	95.4	94.2-122			%REC	1	6/10/2013 1:54:00 PM
Surr: Toluene-d8	110	86.2-135			%REC	1	6/10/2013 1:54:00 PM

Specialty Analytical

Date Reported: 12-Jun-13

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1306028

Lab ID: 1306028-005
Client Sample ID: MW11-060413

Collection Date: 6/4/2013 1:25:31 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	6/10/2013 2:29:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	6/10/2013 2:29:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	6/10/2013 2:29:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	6/10/2013 2:29:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	6/10/2013 2:29:00 PM
Tetrachloroethene	49.8	0.0672	1.00		µg/L	1	6/10/2013 2:29:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	6/10/2013 2:29:00 PM
Trichloroethene	3.56	0.0870	1.00		µg/L	1	6/10/2013 2:29:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	6/10/2013 2:29:00 PM
Surr: 1,2-Dichloroethane-d4	94.8	85.3-116			%REC	1	6/10/2013 2:29:00 PM
Surr: 4-Bromofluorobenzene	91.1	88.1-120			%REC	1	6/10/2013 2:29:00 PM
Surr: Dibromofluoromethane	96.8	94.2-122			%REC	1	6/10/2013 2:29:00 PM
Surr: Toluene-d8	108	86.2-135			%REC	1	6/10/2013 2:29:00 PM

Lab ID: 1306028-006
Client Sample ID: MW13-060413

Collection Date: 6/4/2013 2:27:31 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	6/10/2013 3:03:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	6/10/2013 3:03:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	6/10/2013 3:03:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	6/10/2013 3:03:00 PM
cis-1,2-Dichloroethene	0.390	0.0660	1.00	J	µg/L	1	6/10/2013 3:03:00 PM
Tetrachloroethene	114	0.336	5.00		µg/L	5	6/11/2013 11:13:00 AM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	6/10/2013 3:03:00 PM
Trichloroethene	21.0	0.0870	1.00		µg/L	1	6/10/2013 3:03:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	6/10/2013 3:03:00 PM
Surr: 1,2-Dichloroethane-d4	95.2	85.3-116			%REC	1	6/10/2013 3:03:00 PM
Surr: 4-Bromofluorobenzene	92.5	88.1-120			%REC	1	6/10/2013 3:03:00 PM
Surr: Dibromofluoromethane	95.8	94.2-122			%REC	1	6/10/2013 3:03:00 PM
Surr: Toluene-d8	106	86.2-135			%REC	1	6/10/2013 3:03:00 PM

Specialty Analytical

Date Reported: 12-Jun-13

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1306028

Lab ID: 1306028-007
Client Sample ID: Trip Blank_060413

Collection Date: 6/4/2013
Matrix: AQUEOUS

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	6/10/2013 11:37:00 AM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	6/10/2013 11:37:00 AM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	6/10/2013 11:37:00 AM
Chloroethane	ND	0.203	1.00		µg/L	1	6/10/2013 11:37:00 AM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	6/10/2013 11:37:00 AM
Tetrachloroethene	ND	0.0672	1.00		µg/L	1	6/10/2013 11:37:00 AM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	6/10/2013 11:37:00 AM
Trichloroethene	ND	0.0870	1.00		µg/L	1	6/10/2013 11:37:00 AM
Vinyl chloride	ND	0.155	1.00		µg/L	1	6/10/2013 11:37:00 AM
Surr: 1,2-Dichloroethane-d4	95.0	85.3-116			%REC	1	6/10/2013 11:37:00 AM
Surr: 4-Bromofluorobenzene	92.3	88.1-120			%REC	1	6/10/2013 11:37:00 AM
Surr: Dibromofluoromethane	91.0	94.2-122		S	%REC	1	6/10/2013 11:37:00 AM
Surr: Toluene-d8	112	86.2-135			%REC	1	6/10/2013 11:37:00 AM

Lab ID: 1306028-008
Client Sample ID: MW20-060413

Collection Date: 6/4/2013 2:00:31 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	6/10/2013 3:37:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	6/10/2013 3:37:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	6/10/2013 3:37:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	6/10/2013 3:37:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	6/10/2013 3:37:00 PM
Tetrachloroethene	0.960	0.0672	1.00	J	µg/L	1	6/10/2013 3:37:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	6/10/2013 3:37:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	6/10/2013 3:37:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	6/10/2013 3:37:00 PM
Surr: 1,2-Dichloroethane-d4	94.6	85.3-116			%REC	1	6/10/2013 3:37:00 PM
Surr: 4-Bromofluorobenzene	91.7	88.1-120			%REC	1	6/10/2013 3:37:00 PM
Surr: Dibromofluoromethane	97.1	94.2-122			%REC	1	6/10/2013 3:37:00 PM
Surr: Toluene-d8	109	86.2-135			%REC	1	6/10/2013 3:37:00 PM

Specialty Analytical

Date Reported: 12-Jun-13

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1306028

Lab ID: 1306028-009
Client Sample ID: MW18-060413

Collection Date: 6/4/2013 2:20:31 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	6/10/2013 4:11:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	6/10/2013 4:11:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	6/10/2013 4:11:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	6/10/2013 4:11:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	6/10/2013 4:11:00 PM
Tetrachloroethene	ND	0.0672	1.00		µg/L	1	6/10/2013 4:11:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	6/10/2013 4:11:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	6/10/2013 4:11:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	6/10/2013 4:11:00 PM
Surr: 1,2-Dichloroethane-d4	94.3	85.3-116			%REC	1	6/10/2013 4:11:00 PM
Surr: 4-Bromofluorobenzene	92.6	88.1-120			%REC	1	6/10/2013 4:11:00 PM
Surr: Dibromofluoromethane	97.4	94.2-122			%REC	1	6/10/2013 4:11:00 PM
Surr: Toluene-d8	108	86.2-135			%REC	1	6/10/2013 4:11:00 PM

Lab ID: 1306028-010
Client Sample ID: MW16-060413

Collection Date: 6/4/2013 4:00:31 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	6/10/2013 4:45:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	6/10/2013 4:45:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	6/10/2013 4:45:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	6/10/2013 4:45:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	6/10/2013 4:45:00 PM
Tetrachloroethene	9.21	0.0672	1.00		µg/L	1	6/10/2013 4:45:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	6/10/2013 4:45:00 PM
Trichloroethene	0.610	0.0870	1.00	J	µg/L	1	6/10/2013 4:45:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	6/10/2013 4:45:00 PM
Surr: 1,2-Dichloroethane-d4	95.8	85.3-116			%REC	1	6/10/2013 4:45:00 PM
Surr: 4-Bromofluorobenzene	92.7	88.1-120			%REC	1	6/10/2013 4:45:00 PM
Surr: Dibromofluoromethane	96.9	94.2-122			%REC	1	6/10/2013 4:45:00 PM
Surr: Toluene-d8	110	86.2-135			%REC	1	6/10/2013 4:45:00 PM

Specialty Analytical

Date Reported: 12-Jun-13

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1306028

Lab ID: 1306028-011
Client Sample ID: MW15-060413

Collection Date: 6/4/2013 5:17:31 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	6/10/2013 5:20:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	6/10/2013 5:20:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	6/10/2013 5:20:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	6/10/2013 5:20:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	6/10/2013 5:20:00 PM
Tetrachloroethene	11.5	0.0672	1.00		µg/L	1	6/10/2013 5:20:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	6/10/2013 5:20:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	6/10/2013 5:20:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	6/10/2013 5:20:00 PM
Surr: 1,2-Dichloroethane-d4	94.0	85.3-116			%REC	1	6/10/2013 5:20:00 PM
Surr: 4-Bromofluorobenzene	93.4	88.1-120			%REC	1	6/10/2013 5:20:00 PM
Surr: Dibromofluoromethane	97.0	94.2-122			%REC	1	6/10/2013 5:20:00 PM
Surr: Toluene-d8	107	86.2-135			%REC	1	6/10/2013 5:20:00 PM

Lab ID: 1306028-012
Client Sample ID: MW19-060413

Collection Date: 6/4/2013 6:20:31 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ep		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	6/10/2013 5:54:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	6/10/2013 5:54:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	6/10/2013 5:54:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	6/10/2013 5:54:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	6/10/2013 5:54:00 PM
Tetrachloroethene	1.91	0.0672	1.00		µg/L	1	6/10/2013 5:54:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	6/10/2013 5:54:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	6/10/2013 5:54:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	6/10/2013 5:54:00 PM
Surr: 1,2-Dichloroethane-d4	92.1	85.3-116			%REC	1	6/10/2013 5:54:00 PM
Surr: 4-Bromofluorobenzene	93.3	88.1-120			%REC	1	6/10/2013 5:54:00 PM
Surr: Dibromofluoromethane	96.2	94.2-122			%REC	1	6/10/2013 5:54:00 PM
Surr: Toluene-d8	110	86.2-135			%REC	1	6/10/2013 5:54:00 PM

Specialty Analytical

Date Reported: 12-Jun-13

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1306028

Lab ID: 1306028-013
Client Sample ID: MW17-060413

Collection Date: 6/4/2013 7:48:31 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS							
				SW8260B			Analyst: ep
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	6/10/2013 6:30:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	6/10/2013 6:30:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	6/10/2013 6:30:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	6/10/2013 6:30:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	6/10/2013 6:30:00 PM
Tetrachloroethene	ND	0.0672	1.00		µg/L	1	6/10/2013 6:30:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	6/10/2013 6:30:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	6/10/2013 6:30:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	6/10/2013 6:30:00 PM
Surr: 1,2-Dichloroethane-d4	94.9	85.3-116			%REC	1	6/10/2013 6:30:00 PM
Surr: 4-Bromofluorobenzene	92.4	88.1-120			%REC	1	6/10/2013 6:30:00 PM
Surr: Dibromofluoromethane	97.0	94.2-122			%REC	1	6/10/2013 6:30:00 PM
Surr: Toluene-d8	110	86.2-135			%REC	1	6/10/2013 6:30:00 PM

QC SUMMARY REPORT

WO#: 1306028

12-Jun-13

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

TestCode: 8260_W

Sample ID: LCS	SampType: LCS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 10063						
Client ID: LCSW	Batch ID: R10063	TestNo: SW8260B		Analysis Date: 6/10/2013	SeqNo: 127037						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	38.3	1.00	40.00	0	95.7	61.2	135				
Trichloroethene	37.9	1.00	40.00	0	94.8	68.5	124				

Sample ID: MB	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 10063						
Client ID: PBW	Batch ID: R10063	TestNo: SW8260B		Analysis Date: 6/10/2013	SeqNo: 127038						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Tetrachloroethene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	94.5		100.0		94.5	85.3	116				
Surr: 4-Bromofluorobenzene	93.6		100.0		93.6	88.1	120				
Surr: Dibromofluoromethane	95.1		100.0		95.1	94.2	122				
Surr: Toluene-d8	102		100.0		102	86.2	135				

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted reco

QC SUMMARY REPORT

WO#: 1306028

12-Jun-13

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

TestCode: 8260_W

Sample ID: CCV	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 10063						
Client ID: CCV	Batch ID: R10063	TestNo: SW8260B		Analysis Date: 6/10/2013	SeqNo: 127042						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	40.7	1.00	40.00	0	102	80	120				
Vinyl chloride	37.1	1.00	40.00	0	92.8	80	120				

Sample ID: CCV	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 10063						
Client ID: CCV	Batch ID: R10063	TestNo: SW8260B		Analysis Date: 6/11/2013	SeqNo: 127390						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	45.2	1.00	40.00	0	113	80	120				
Vinyl chloride	34.7	1.00	40.00	0	86.8	80	120				

Sample ID: CCB	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 10063						
Client ID: CCB	Batch ID: R10063	TestNo: SW8260B		Analysis Date: 6/11/2013	SeqNo: 127391						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Tetrachloroethene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted reco

QC SUMMARY REPORT

WO#: 1306028

12-Jun-13

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

TestCode: 8260_W

Sample ID: CCB	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 10063						
Client ID: CCB	Batch ID: R10063	TestNo: SW8260B		Analysis Date: 6/11/2013	SeqNo: 127391						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	93.1		100.0		93.1	85.3	116				
Surr: 4-Bromofluorobenzene	93.5		100.0		93.5	88.1	120				
Surr: Dibromofluoromethane	94.4		100.0		94.4	94.2	122				
Surr: Toluene-d8	111		100.0		111	86.2	135				

Sample ID: 1306028-002AMS	SampType: MS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 10063						
Client ID: MW14-060413	Batch ID: R10063	TestNo: SW8260B		Analysis Date: 6/11/2013	SeqNo: 127393						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	42.2	1.00	40.00	0	106	47.8	165				
Trichloroethene	36.5	1.00	40.00	0	91.2	50.8	164				

Sample ID: 1306028-002AMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 10063						
Client ID: MW14-060413	Batch ID: R10063	TestNo: SW8260B		Analysis Date: 6/11/2013	SeqNo: 127394						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	44.9	1.00	40.00	0	112	47.8	165	42.22	6.11	20	
Trichloroethene	38.7	1.00	40.00	0	96.7	50.8	164	36.47	5.86	20	

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted reco

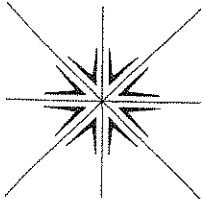
KEY TO FLAGS

Rev. May 12, 2010

- A This sample contains a Gasoline Range Organic not identified as a specific hydrocarbon product. The result was quantified against gasoline calibration standards
- A1 This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was quantified against diesel calibration standards.
- A2 This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was quantified against a lube oil calibration standard.
- A3 The result was determined to be Non-Detect based on hydrocarbon pattern recognition. The product was carry-over from another hydrocarbon type.
- A4 The product appears to be aged or degraded diesel.
- B The blank exhibited a positive result great than the reporting limit for this compound.
- CN See Case Narrative.
- D Result is based from a dilution.
- E Result exceeds the calibration range for this compound. The result should be considered as estimate.
- F The positive result for this hydrocarbon is due to single component contamination. The product does not match any hydrocarbon in the fuels library.
- G Result may be biased high due to biogenic interferences. Clean up is recommended.
- H Sample was analyzed outside recommended holding time.
- HT At clients request, samples was analyzed outside of recommended holding time.
- J The result for this analyte is between the MDL and the PQL and should be considered as estimated concentration.
- K Diesel result is biased high due to amount of Oil contained in the sample.
- L Diesel result is biased high due to amount of Gasoline contained in the sample.
- M Oil result is biased high due to amount of Diesel contained in the sample.
- MC Sample concentration is greater than 4x the spiked value, the spiked value is considered insignificant.
- MI Result is outside control limits due to matrix interference.
- MSA Value determined by Method of Standard Addition.
- O Laboratory Control Standard (LCS) exceeded laboratory control limits, but meets CCV criteria. Data meets EPA requirements.
- Q Detection levels elevated due to sample matrix.
- R RPD control limits were exceeded.
- RF Duplicate failed due to result being at or near the method-reporting limit.
- RP Matrix spike values exceed established QC limits; post digestion spike is in control.
- S Recovery is outside control limits.
- SC Closing CCV or LCS exceeded high recovery control limits, but associated samples are non-detect. Data meets EPA requirements.
- * The result for this parameter was greater than the maximum contaminant level of the TCLP regulatory limit.

CHAIN OF CUSTODY RECORD

Specialty Analytical
 11711 SE Capps Road
 Clackamas, OR 97015
 Phone: 503-607-1331
 Fax: 503-607-1336



Contact Person/Project Manager Merideth D. Anderson
 Company MFA
 Address 2001 NW 19th Suite 200
Portland OR 97209
 Phone 971 544 2139 Fax _____
 Project No. 8000.31.02 Project Name Park Laundry
 Project Site Location OR WA Other _____
 Invoice To MFA P.O. No. _____

Collected By: _____
 Signature [Signature]
 Printed Andrew Viderek
 Signature [Signature]
 Printed Sharon Harvester

Turn Around Time _____
 Normal 5-7 Business Days
 Rush _____ Specify _____

Rush Analyses Must Be Scheduled With The Lab In Advance

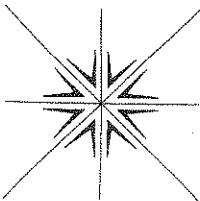
Date	Time	Sample I.D.	Matrix	No. of Containers	Analyses	For Laboratory Use	Lab I.D.	
6/4/13	0938	MW04-060413	W	5	1,1-DCE trans-1,2-DCE PCE TCE Vinyl Chloride 1,1-DCA 1,2-DCA Chloroethane	Lab Job No. <u>1306028</u> Shipped Via _____ Air Bill No. _____ Temperature On Receipt _____ °C Specialty Analytical Containers? <u>Y</u> / <u>N</u> Specialty Analytical Trip Blanks? <u>Y</u> / <u>N</u>		
6/4/13	0935	MW14-060413	W	5	1,1-DCE trans-1,2-DCE PCE TCE Vinyl Chloride 1,1-DCA 1,2-DCA Chloroethane	*Repeat to MDL for all analyses.		
6/4/13	1117	MW07-060413	W	5	1,1-DCE trans-1,2-DCE PCE TCE Vinyl Chloride 1,1-DCA 1,2-DCA Chloroethane			
6/4/13	1220	MW10-060413	W	5	1,1-DCE trans-1,2-DCE PCE TCE Vinyl Chloride 1,1-DCA 1,2-DCA Chloroethane			
6/4/13	1325	MW11-060413	W	5	1,1-DCE trans-1,2-DCE PCE TCE Vinyl Chloride 1,1-DCA 1,2-DCA Chloroethane			
6/4/13	1427	MW13-060413	W	5	1,1-DCE trans-1,2-DCE PCE TCE Vinyl Chloride 1,1-DCA 1,2-DCA Chloroethane			
6/4/13		Trip Blank	W	2				
6/4/13	1400	MW20-060413	W	5	1,1-DCE trans-1,2-DCE PCE TCE Vinyl Chloride 1,1-DCA 1,2-DCA Chloroethane			
6/4/13	1420	MW18-060413	W	5	1,1-DCE trans-1,2-DCE PCE TCE Vinyl Chloride 1,1-DCA 1,2-DCA Chloroethane			
6/4/13	1600	MW16-060413	W	5	1,1-DCE trans-1,2-DCE PCE TCE Vinyl Chloride 1,1-DCA 1,2-DCA Chloroethane			
6/4/13	1717	MW15-060413	W	5	1,1-DCE trans-1,2-DCE PCE TCE Vinyl Chloride 1,1-DCA 1,2-DCA Chloroethane			
6/4/13	1820	MW19-060413	W	5	1,1-DCE trans-1,2-DCE PCE TCE Vinyl Chloride 1,1-DCA 1,2-DCA Chloroethane			
Relinquished By: <u>Sharon Harvester</u>			Received By: <u>[Signature]</u>	Retinquished By: <u>[Signature]</u>				Date: <u>5/10/13</u> Time: <u>1530</u>
Company: <u>MFA</u>			Company: _____	Company: <u>MFA</u>				Date: <u>6/5/13</u> Time: <u>1530</u>

Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.
 Samples held beyond 60 days subject to storage fees(s)

CHAIN OF CUSTODY RECORD

Specialty Analytical

11711 SE Capps Road
Clackamas, OR 97015
Phone: 503-607-1331
Fax: 503-607-1336



Contact Person/Project Manager Meredith D'Andrea
Company MFA
Address 2001 NW 19th Suite 200
Portland, OR 97209
Phone 971 544 2139 Fax _____
Project No. 8006.31.02 Project Name Park Laundry
Project Site Location OR WA Other _____
Invoice To MFA P.O. No. _____

Collected By: [Signature]
Signature _____
Printed Shylene Harvester

Signature _____
Printed _____

Turn Around Time _____
 Normal 5-7 Business Days
 Rush _____ Specify _____

Rush Analyses Must Be Scheduled With The Lab In Advance

No. of Containers		Analyses						For Laboratory Use		
Date	Time	Sample I.D.	Matrix	Received By	Company	Relinquished By	Date	Time		
6/4/13	1948	MW17-000413	W	[Signature]	MFA	[Signature]	5/4/13	1530		

Lab Job No.	Shipped Via	Air Bill No.	Temperature On Receipt	Specialty Analytical Containers?	Specialty Analytical Trip Blanks?	Lab I.D.
			°C	Y/N	Y/N	

Comments: *Report to MDE for all analyses.

Relinquished By: Shylene Harvester
Company: MFA
Date: 6/4/13 Time: 1150
Received By: [Signature]
Company: MFA
Date: 5/4/13 Time: 1530

Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.
Samples held beyond 60 days subject to storage fee(s)



Specialty Analytical

11711 SE Capps Road, Ste B
Clackamas, Oregon 97015
TEL: 503-607-1331 FAX: 503-607-1336
Website: www.specialtyanalytical.com

November 20, 2013

Merideth D'Andrea
Maul Foster & Alongi
400 E. Mill Plain Blvd.
Suite 400
Vancouver, WA 98660
TEL: (360) 694-2691
FAX (360) 906-1958
RE: Park Laundry / 8006.31.02

Dear Merideth D'Andrea:

Order No.: 1309184

Specialty Analytical received 11 sample(s) on 9/27/2013 for the analyses presented in the following report.

REVISED REPORT: Please see case narrative for information on revision.

There were no problems with the analysis and all data for associated QC met EPA or laboratory specifications, except where noted in the Case Narrative, or as qualified with flags. Results apply only to the samples analyzed. Without approval of the laboratory, the reproduction of this report is only permitted in its entirety.

If you have any questions regarding these tests, please feel free to call.

Sincerely,

A handwritten signature in black ink, appearing to read "Marty French".

Marty French
Lab Director

Case Narrative

WO#: 1309184

Date: 11/20/2013

Specialty Analytical

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Report Revision 1

This report is revised to add a Case Narrative. All data remains unchanged.

Case Narrative

Due to instrument failure, primary analyses for samples 1309184-001 through 1309184-005 and secondary dilution analysis for sample 1309184-008 were performed outside holding time. As the analyses were performed less than 29 hours past holding time, it is unlikely that sample results were significantly impacted.

Specialty Analytical

Date Reported: 20-Nov-13

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1309184

Lab ID: 1309184-001
Client Sample ID: MW16-092413

Collection Date: 9/24/2013 10:05:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	0.110	0.0851	1.00	JH	µg/L	1	10/9/2013 2:54:00 PM
1,1-Dichloroethene	ND	0.0964	1.00	H	µg/L	1	10/9/2013 2:54:00 PM
1,2-Dichloroethane	0.270	0.0870	1.00	JH	µg/L	1	10/9/2013 2:54:00 PM
Chloroethane	ND	0.203	1.00	H	µg/L	1	10/9/2013 2:54:00 PM
cis-1,2-Dichloroethene	3.08	0.0660	1.00	H	µg/L	1	10/9/2013 2:54:00 PM
Tetrachloroethene	13.9	0.0672	1.00	H	µg/L	1	10/9/2013 2:54:00 PM
trans-1,2-Dichloroethene	0.160	0.0830	1.00	JH	µg/L	1	10/9/2013 2:54:00 PM
Trichloroethene	1.21	0.0870	1.00	H	µg/L	1	10/9/2013 2:54:00 PM
Vinyl chloride	1.57	0.155	1.00	H	µg/L	1	10/9/2013 2:54:00 PM
Surr: 1,2-Dichloroethane-d4	90.6	85.3-116		H	%REC	1	10/9/2013 2:54:00 PM
Surr: 4-Bromofluorobenzene	92.4	88.1-120		H	%REC	1	10/9/2013 2:54:00 PM
Surr: Dibromofluoromethane	94.9	94.2-122		H	%REC	1	10/9/2013 2:54:00 PM
Surr: Toluene-d8	90.6	86.2-135		H	%REC	1	10/9/2013 2:54:00 PM

Lab ID: 1309184-002
Client Sample ID: MW15-092413

Collection Date: 9/24/2013 11:39:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00	H	µg/L	1	10/9/2013 3:20:00 PM
1,1-Dichloroethene	ND	0.0964	1.00	H	µg/L	1	10/9/2013 3:20:00 PM
1,2-Dichloroethane	0.130	0.0870	1.00	JH	µg/L	1	10/9/2013 3:20:00 PM
Chloroethane	ND	0.203	1.00	H	µg/L	1	10/9/2013 3:20:00 PM
cis-1,2-Dichloroethene	1.46	0.0660	1.00	H	µg/L	1	10/9/2013 3:20:00 PM
Tetrachloroethene	32.4	0.0672	1.00	H	µg/L	1	10/9/2013 3:20:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00	H	µg/L	1	10/9/2013 3:20:00 PM
Trichloroethene	0.540	0.0870	1.00	JH	µg/L	1	10/9/2013 3:20:00 PM
Vinyl chloride	ND	0.155	1.00	H	µg/L	1	10/9/2013 3:20:00 PM
Surr: 1,2-Dichloroethane-d4	94.8	85.3-116		H	%REC	1	10/9/2013 3:20:00 PM
Surr: 4-Bromofluorobenzene	97.3	88.1-120		H	%REC	1	10/9/2013 3:20:00 PM
Surr: Dibromofluoromethane	94.6	94.2-122		H	%REC	1	10/9/2013 3:20:00 PM
Surr: Toluene-d8	96.3	86.2-135		H	%REC	1	10/9/2013 3:20:00 PM

Specialty Analytical

Date Reported: 20-Nov-13

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1309184

Lab ID: 1309184-003
Client Sample ID: MW19-092413

Collection Date: 9/24/2013 1:25:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00	H	µg/L	1	10/9/2013 3:45:00 PM
1,1-Dichloroethene	ND	0.0964	1.00	H	µg/L	1	10/9/2013 3:45:00 PM
1,2-Dichloroethane	0.140	0.0870	1.00	JH	µg/L	1	10/9/2013 3:45:00 PM
Chloroethane	ND	0.203	1.00	H	µg/L	1	10/9/2013 3:45:00 PM
cis-1,2-Dichloroethene	1.36	0.0660	1.00	H	µg/L	1	10/9/2013 3:45:00 PM
Tetrachloroethene	2.49	0.0672	1.00	H	µg/L	1	10/9/2013 3:45:00 PM
trans-1,2-Dichloroethene	0.110	0.0830	1.00	JH	µg/L	1	10/9/2013 3:45:00 PM
Trichloroethene	0.500	0.0870	1.00	JH	µg/L	1	10/9/2013 3:45:00 PM
Vinyl chloride	ND	0.155	1.00	H	µg/L	1	10/9/2013 3:45:00 PM
Surr: 1,2-Dichloroethane-d4	94.0	85.3-116		H	%REC	1	10/9/2013 3:45:00 PM
Surr: 4-Bromofluorobenzene	101	88.1-120		H	%REC	1	10/9/2013 3:45:00 PM
Surr: Dibromofluoromethane	97.2	94.2-122		H	%REC	1	10/9/2013 3:45:00 PM
Surr: Toluene-d8	93.5	86.2-135		H	%REC	1	10/9/2013 3:45:00 PM

Lab ID: 1309184-004
Client Sample ID: MW08-092413

Collection Date: 9/24/2013 3:46:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00	H	µg/L	1	10/9/2013 4:11:00 PM
1,1-Dichloroethene	ND	0.0964	1.00	H	µg/L	1	10/9/2013 4:11:00 PM
1,2-Dichloroethane	ND	0.0870	1.00	H	µg/L	1	10/9/2013 4:11:00 PM
Chloroethane	ND	0.203	1.00	H	µg/L	1	10/9/2013 4:11:00 PM
cis-1,2-Dichloroethene	0.800	0.0660	1.00	JH	µg/L	1	10/9/2013 4:11:00 PM
Tetrachloroethene	0.370	0.0672	1.00	JH	µg/L	1	10/9/2013 4:11:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00	H	µg/L	1	10/9/2013 4:11:00 PM
Trichloroethene	ND	0.0870	1.00	H	µg/L	1	10/9/2013 4:11:00 PM
Vinyl chloride	ND	0.155	1.00	H	µg/L	1	10/9/2013 4:11:00 PM
Surr: 1,2-Dichloroethane-d4	93.4	85.3-116		H	%REC	1	10/9/2013 4:11:00 PM
Surr: 4-Bromofluorobenzene	103	88.1-120		H	%REC	1	10/9/2013 4:11:00 PM
Surr: Dibromofluoromethane	107	94.2-122		H	%REC	1	10/9/2013 4:11:00 PM
Surr: Toluene-d8	89.3	86.2-135		H	%REC	1	10/9/2013 4:11:00 PM

Specialty Analytical

Date Reported: 20-Nov-13

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1309184

Lab ID: 1309184-005
Client Sample ID: MW11-092413

Collection Date: 9/24/2013 3:05:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00	H	µg/L	1	10/9/2013 4:36:00 PM
1,1-Dichloroethene	ND	0.0964	1.00	H	µg/L	1	10/9/2013 4:36:00 PM
1,2-Dichloroethane	ND	0.0870	1.00	H	µg/L	1	10/9/2013 4:36:00 PM
Chloroethane	ND	0.203	1.00	H	µg/L	1	10/9/2013 4:36:00 PM
cis-1,2-Dichloroethene	0.710	0.0660	1.00	JH	µg/L	1	10/9/2013 4:36:00 PM
Tetrachloroethene	34.1	0.0672	1.00	H	µg/L	1	10/9/2013 4:36:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00	H	µg/L	1	10/9/2013 4:36:00 PM
Trichloroethene	1.72	0.0870	1.00	H	µg/L	1	10/9/2013 4:36:00 PM
Vinyl chloride	ND	0.155	1.00	H	µg/L	1	10/9/2013 4:36:00 PM
Surr: 1,2-Dichloroethane-d4	90.9	85.3-116		H	%REC	1	10/9/2013 4:36:00 PM
Surr: 4-Bromofluorobenzene	98.3	88.1-120		H	%REC	1	10/9/2013 4:36:00 PM
Surr: Dibromofluoromethane	103	94.2-122		H	%REC	1	10/9/2013 4:36:00 PM
Surr: Toluene-d8	97.3	86.2-135		H	%REC	1	10/9/2013 4:36:00 PM

Lab ID: 1309184-006
Client Sample ID: MW10-092513

Collection Date: 9/25/2013 2:20:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	10/9/2013 5:02:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	10/9/2013 5:02:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	10/9/2013 5:02:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	10/9/2013 5:02:00 PM
cis-1,2-Dichloroethene	0.760	0.0660	1.00	J	µg/L	1	10/9/2013 5:02:00 PM
Tetrachloroethene	135	0.0672	1.00		µg/L	1	10/9/2013 5:02:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	10/9/2013 5:02:00 PM
Trichloroethene	33.1	0.0870	1.00		µg/L	1	10/9/2013 5:02:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	10/9/2013 5:02:00 PM
Surr: 1,2-Dichloroethane-d4	90.8	85.3-116			%REC	1	10/9/2013 5:02:00 PM
Surr: 4-Bromofluorobenzene	97.5	88.1-120			%REC	1	10/9/2013 5:02:00 PM
Surr: Dibromofluoromethane	102	94.2-122			%REC	1	10/9/2013 5:02:00 PM
Surr: Toluene-d8	94.7	86.2-135			%REC	1	10/9/2013 5:02:00 PM

Specialty Analytical

Date Reported: 20-Nov-13

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1309184

Lab ID: 1309184-007
Client Sample ID: MW07-092513

Collection Date: 9/25/2013 1:57:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	10/9/2013 5:27:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	10/9/2013 5:27:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	10/9/2013 5:27:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	10/9/2013 5:27:00 PM
cis-1,2-Dichloroethene	0.430	0.0660	1.00	J	µg/L	1	10/9/2013 5:27:00 PM
Tetrachloroethene	126	0.0672	1.00		µg/L	1	10/9/2013 5:27:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	10/9/2013 5:27:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	10/9/2013 5:27:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	10/9/2013 5:27:00 PM
Surr: 1,2-Dichloroethane-d4	90.9	85.3-116			%REC	1	10/9/2013 5:27:00 PM
Surr: 4-Bromofluorobenzene	98.1	88.1-120			%REC	1	10/9/2013 5:27:00 PM
Surr: Dibromofluoromethane	102	94.2-122			%REC	1	10/9/2013 5:27:00 PM
Surr: Toluene-d8	92.3	86.2-135			%REC	1	10/9/2013 5:27:00 PM

Lab ID: 1309184-008
Client Sample ID: MW13-092513

Collection Date: 9/25/2013 4:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	10/9/2013 5:52:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	10/9/2013 5:52:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	10/9/2013 5:52:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	10/9/2013 5:52:00 PM
cis-1,2-Dichloroethene	3.36	0.0660	1.00		µg/L	1	10/9/2013 5:52:00 PM
Tetrachloroethene	105	0.672	10.0	H	µg/L	10	10/10/2013 2:42:00 PM
trans-1,2-Dichloroethene	0.950	0.0830	1.00	J	µg/L	1	10/9/2013 5:52:00 PM
Trichloroethene	80.2	0.0870	1.00		µg/L	1	10/9/2013 5:52:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	10/9/2013 5:52:00 PM
Surr: 1,2-Dichloroethane-d4	91.4	85.3-116			%REC	1	10/9/2013 5:52:00 PM
Surr: 4-Bromofluorobenzene	96.8	88.1-120			%REC	1	10/9/2013 5:52:00 PM
Surr: Dibromofluoromethane	102	94.2-122			%REC	1	10/9/2013 5:52:00 PM
Surr: Toluene-d8	97.0	86.2-135			%REC	1	10/9/2013 5:52:00 PM

Specialty Analytical

Date Reported: 20-Nov-13

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1309184

Lab ID: 1309184-009
Client Sample ID: MW17-092613

Collection Date: 9/26/2013 11:40:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	0.290	0.0851	1.00	J	µg/L	1	10/9/2013 6:18:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	10/9/2013 6:18:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	10/9/2013 6:18:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	10/9/2013 6:18:00 PM
cis-1,2-Dichloroethene	0.400	0.0660	1.00	J	µg/L	1	10/9/2013 6:18:00 PM
Tetrachloroethene	ND	0.0672	1.00		µg/L	1	10/9/2013 6:18:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	10/9/2013 6:18:00 PM
Trichloroethene	0.380	0.0870	1.00	J	µg/L	1	10/9/2013 6:18:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	10/9/2013 6:18:00 PM
Surr: 1,2-Dichloroethane-d4	91.3	85.3-116			%REC	1	10/9/2013 6:18:00 PM
Surr: 4-Bromofluorobenzene	105	88.1-120			%REC	1	10/9/2013 6:18:00 PM
Surr: Dibromofluoromethane	103	94.2-122			%REC	1	10/9/2013 6:18:00 PM
Surr: Toluene-d8	94.2	86.2-135			%REC	1	10/9/2013 6:18:00 PM

Lab ID: 1309184-010
Client Sample ID: MW06-092613

Collection Date: 9/26/2013 1:27:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	10/9/2013 6:43:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	10/9/2013 6:43:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	10/9/2013 6:43:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	10/9/2013 6:43:00 PM
cis-1,2-Dichloroethene	3.00	0.0660	1.00		µg/L	1	10/9/2013 6:43:00 PM
Tetrachloroethene	5.60	0.0672	1.00		µg/L	1	10/9/2013 6:43:00 PM
trans-1,2-Dichloroethene	0.460	0.0830	1.00	J	µg/L	1	10/9/2013 6:43:00 PM
Trichloroethene	12.1	0.0870	1.00		µg/L	1	10/9/2013 6:43:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	10/9/2013 6:43:00 PM
Surr: 1,2-Dichloroethane-d4	91.4	85.3-116			%REC	1	10/9/2013 6:43:00 PM
Surr: 4-Bromofluorobenzene	97.0	88.1-120			%REC	1	10/9/2013 6:43:00 PM
Surr: Dibromofluoromethane	103	94.2-122			%REC	1	10/9/2013 6:43:00 PM
Surr: Toluene-d8	99.7	86.2-135			%REC	1	10/9/2013 6:43:00 PM

Specialty Analytical

Date Reported: 20-Nov-13

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1309184

Lab ID: 1309184-011
Client Sample ID: Trip Blank_092613

Collection Date: 9/26/2013
Matrix: AQUEOUS

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: ajr		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	10/2/2013 8:40:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	10/2/2013 8:40:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	10/2/2013 8:40:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	10/2/2013 8:40:00 PM
cis-1,2-Dichloroethene	0.100	0.0660	1.00	J	µg/L	1	10/2/2013 8:40:00 PM
Tetrachloroethene	0.554	0.0672	1.00	J	µg/L	1	10/2/2013 8:40:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	10/2/2013 8:40:00 PM
Trichloroethene	0.720	0.0870	1.00	J	µg/L	1	10/2/2013 8:40:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	10/2/2013 8:40:00 PM
Surr: 1,2-Dichloroethane-d4	96.0	85.3-116			%REC	1	10/2/2013 8:40:00 PM
Surr: 4-Bromofluorobenzene	106	88.1-120			%REC	1	10/2/2013 8:40:00 PM
Surr: Dibromofluoromethane	101	94.2-122			%REC	1	10/2/2013 8:40:00 PM
Surr: Toluene-d8	100	86.2-135			%REC	1	10/2/2013 8:40:00 PM

QC SUMMARY REPORT

WO#: 1309184

20-Nov-13

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

TestCode: 8260_W

Sample ID: CCV	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 11748						
Client ID: CCV	Batch ID: R11748	TestNo: SW8260B		Analysis Date: 10/2/2013	SeqNo: 148799						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	38.9	1.00	40.00	0	97.3	80	120				
Vinyl chloride	42.2	1.00	40.00	0	106	80	120				

Sample ID: CCB	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 11748						
Client ID: CCB	Batch ID: R11748	TestNo: SW8260B		Analysis Date: 10/2/2013	SeqNo: 148801						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	0.180	1.00									
Tetrachloroethene	0.150	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	99.6		100.0		99.6	85.3	116				
Surr: 4-Bromofluorobenzene	110		100.0		110	88.1	120				
Surr: Dibromofluoromethane	106		100.0		106	94.2	122				
Surr: Toluene-d8	103		100.0		103	86.2	135				

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit Page 1 of 7
O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted reco

QC SUMMARY REPORT

WO#: 1309184

20-Nov-13

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

TestCode: 8260_W

Sample ID: CCV	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 11748						
Client ID: CCV	Batch ID: R11748	TestNo: SW8260B		Analysis Date: 10/1/2013	SeqNo: 148882						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	35.4	1.00	40.00	0	88.5	80	120				
Vinyl chloride	33.3	1.00	40.00	0	83.2	80	120				

Sample ID: LCS	SampType: LCS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 11748						
Client ID: LCSW	Batch ID: R11748	TestNo: SW8260B		Analysis Date: 10/1/2013	SeqNo: 148883						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	37.4	1.00	40.00	0	93.6	61.2	135				
Trichloroethene	46.0	1.00	40.00	0	115	68.5	124				

Sample ID: MBLK	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 11748						
Client ID: PBW	Batch ID: R11748	TestNo: SW8260B		Analysis Date: 10/1/2013	SeqNo: 148884						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	0.110	1.00									J
1,2-Dichloroethane	0.150	1.00									J
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	0.220	1.00									J
Tetrachloroethene	0.170	1.00									J
trans-1,2-Dichloroethene	0.150	1.00									J
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted reco

QC SUMMARY REPORT

WO#: 1309184

20-Nov-13

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

TestCode: 8260_W

Sample ID: MBLK	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 11748						
Client ID: PBW	Batch ID: R11748	TestNo: SW8260B		Analysis Date: 10/1/2013	SeqNo: 148884						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	96.3		100.0		96.3	85.3	116				
Surr: 4-Bromofluorobenzene	107		100.0		107	88.1	120				
Surr: Dibromofluoromethane	102		100.0		102	94.2	122				
Surr: Toluene-d8	102		100.0		102	86.2	135				

Sample ID: 60 PPB CCV	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 11809						
Client ID: CCV	Batch ID: R11809	TestNo: SW8260B		Analysis Date: 10/8/2013	SeqNo: 149581						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	62.2	1.00	60.00	0	104	80	120				
Vinyl chloride	54.6	1.00	60.00	0	91.0	80	120				

Sample ID: 80 PPB LCS	SampType: LCS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 11809						
Client ID: LCSW	Batch ID: R11809	TestNo: SW8260B		Analysis Date: 10/8/2013	SeqNo: 149582						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	91.2	1.00	80.00	0	114	61.2	135				
Trichloroethene	73.6	1.00	80.00	0	92.0	68.5	124				

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted reco

QC SUMMARY REPORT

WO#: 1309184

20-Nov-13

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

TestCode: 8260_W

Sample ID: 80 PPB LCSD	SampType: LCSD	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 11809						
Client ID: LCSS02	Batch ID: R11809	TestNo: SW8260B		Analysis Date: 10/8/2013	SeqNo: 149583						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	76.7	1.00	80.00	0	95.9	61.2	135	91.17	17.3	20	
Trichloroethene	82.8	1.00	80.00	0	104	68.5	124	73.59	11.8	20	

Sample ID: MB	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 11809						
Client ID: PBW	Batch ID: R11809	TestNo: SW8260B		Analysis Date: 10/8/2013	SeqNo: 149586						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	0.150	1.00									J
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	0.160	1.00									J
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Tetrachloroethene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	92.1		100.0		92.1	85.3	116				
Surr: 4-Bromofluorobenzene	98.9		100.0		98.9	88.1	120				
Surr: Dibromofluoromethane	96.3		100.0		96.3	94.2	122				
Surr: Toluene-d8	99.7		100.0		99.7	86.2	135				

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit Page 4 of 7
O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted reco

QC SUMMARY REPORT

WO#: 1309184

20-Nov-13

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

TestCode: 8260_W

Sample ID: CCB	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 11809						
Client ID: CCB	Batch ID: R11809	TestNo: SW8260B		Analysis Date: 10/9/2013	SeqNo: 149608						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	0.320	1.00									
Tetrachloroethene	0.190	1.00									
trans-1,2-Dichloroethene	0.190	1.00									
Trichloroethene	0.400	1.00									
Vinyl chloride	0.210	1.00									
Surr: 1,2-Dichloroethane-d4	90.4		100.0		90.4	85.3	116				
Surr: 4-Bromofluorobenzene	98.3		100.0		98.3	88.1	120				
Surr: Dibromofluoromethane	98.2		100.0		98.2	94.2	122				
Surr: Toluene-d8	96.1		100.0		96.1	86.2	135				

Sample ID: CCV 120 PPB	SampType: CCV	TestCode: 8260_w	Units: µg/L	Prep Date:	RunNo: 11809						
Client ID: CCV	Batch ID: R11809	TestNo: SW8260B		Analysis Date: 10/9/2013	SeqNo: 149610						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	114	1.00	120.0	0	95.1	80	120				
Vinyl chloride	111	1.00	120.0	0	92.4	80	120				

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit Page 5 of 7
O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted reco

QC SUMMARY REPORT

WO#: 1309184

20-Nov-13

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

TestCode: 8260_W

Sample ID: 1309184-010AMS	SampType: MS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 11809						
Client ID: MW06-092613	Batch ID: R11809	TestNo: SW8260B		Analysis Date: 10/8/2013	SeqNo: 149873						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	36.1	1.00	40.00	0	90.3	47.8	165
Trichloroethene	51.6	1.00	40.00	12.11	98.7	50.8	164

Sample ID: 1309184-010AMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 11809						
Client ID: MW06-092613	Batch ID: R11809	TestNo: SW8260B		Analysis Date: 10/8/2013	SeqNo: 149874						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	35.2	1.00	40.00	0	88.0	47.8	165	36.10	2.52	20
Trichloroethene	49.6	1.00	40.00	12.11	93.7	50.8	164	51.60	3.95	20

Sample ID: CCV MSVWS-1936	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 11809						
Client ID: CCV	Batch ID: R11809	TestNo: SW8260B		Analysis Date: 10/10/2013	SeqNo: 150565						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	40.0	1.00	40.00	0	100	80	120
Vinyl chloride	42.8	1.00	40.00	0	107	80	120

Sample ID: CCB	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 11809						
Client ID: CCB	Batch ID: R11809	TestNo: SW8260B		Analysis Date: 10/10/2013	SeqNo: 150566						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethane	ND	1.00
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Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted reco

QC SUMMARY REPORT

WO#: 1309184

20-Nov-13

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

TestCode: 8260_W

Sample ID: CCB	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 11809						
Client ID: CCB	Batch ID: R11809	TestNo: SW8260B		Analysis Date: 10/10/2013	SeqNo: 150566						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	0.130	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	0.270	1.00									
Tetrachloroethene	0.100	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	104		100.0		104	85.3	116				
Surr: 4-Bromofluorobenzene	88.9		100.0		88.9	88.1	120				
Surr: Dibromofluoromethane	96.9		100.0		96.9	94.2	122				
Surr: Toluene-d8	96.4		100.0		96.4	86.2	135				

Qualifiers: B Analyte detected in the associated Method Blank
 O RSD is greater than RSDlimit

H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits

ND Not Detected at the Reporting Limit
 S Spike Recovery outside accepted reco

KEY TO FLAGS

Rev. May 12, 2010

- A This sample contains a Gasoline Range Organic not identified as a specific hydrocarbon product. The result was quantified against gasoline calibration standards
- A1 This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was quantified against diesel calibration standards.
- A2 This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was quantified against a lube oil calibration standard.
- A3 The result was determined to be Non-Detect based on hydrocarbon pattern recognition. The product was carry-over from another hydrocarbon type.
- A4 The product appears to be aged or degraded diesel.
- B The blank exhibited a positive result great than the reporting limit for this compound.
- CN See Case Narrative.
- D Result is based from a dilution.
- E Result exceeds the calibration range for this compound. The result should be considered as estimate.
- F The positive result for this hydrocarbon is due to single component contamination. The product does not match any hydrocarbon in the fuels library.
- G Result may be biased high due to biogenic interferences. Clean up is recommended.
- H Sample was analyzed outside recommended holding time.
- HT At clients request, samples was analyzed outside of recommended holding time.
- J The result for this analyte is between the MDL and the PQL and should be considered as estimated concentration.
- K Diesel result is biased high due to amount of Oil contained in the sample.
- L Diesel result is biased high due to amount of Gasoline contained in the sample.
- M Oil result is biased high due to amount of Diesel contained in the sample.
- MC Sample concentration is greater than 4x the spiked value, the spiked value is considered insignificant.
- MI Result is outside control limits due to matrix interference.
- MSA Value determined by Method of Standard Addition.
- O Laboratory Control Standard (LCS) exceeded laboratory control limits, but meets CCV criteria. Data meets EPA requirements.
- Q Detection levels elevated due to sample matrix.
- R RPD control limits were exceeded.
- RF Duplicate failed due to result being at or near the method-reporting limit.
- RP Matrix spike values exceed established QC limits; post digestion spike is in control.
- S Recovery is outside control limits.
- SC Closing CCV or LCS exceeded high recovery control limits, but associated samples are non-detect. Data meets EPA requirements.
- * The result for this parameter was greater than the maximum contaminant level of the TCLP regulatory limit.

CHAIN OF CUSTODY RECORD

Specialty Analytical
 11711 SE Capps Road
 Clackamas, OR 97015
 Phone: 503-607-1331
 Fax: 503-607-1336

Contact Person/Project Manager Andrew Vidourek
 Company MFA
 Address 400 E Mill Plain Blvd Suite 400
Vancouver WA 98660
 Phone 360 694 2691 Fax _____
 Project No. 30063102 Project Name Park Laundry
 Project Site Location OR WA X Other _____
 Invoice To MFA P.O. No. _____

Collected By: _____
 Signature: _____
 Printed: Andrew Vidourek

Turn Around Time _____
 Normal 5-7 Business Days
 Rush _____ Specify _____
 Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix	Analyses										For Laboratory Use		
				No. of Containers	11-OCE	CHS-12-OCE	PCF	TRANS-12-OCE	TCE	Vinyl Chloride	11-OCA	12-DCA	Chloroethane	Lab Job No.	Comments	
9/24/13	1005	MW14-092413	W	5	X	X	X	X	X	X	X	X	X	X	1309184	
9/24/13	1139	MW15-092413	W	5	X	X	X	X	X	X	X	X	X	X	Specialty	* Report to MDL for all analysis.
9/24/13	1325	MW19-092413	W	5	X	X	X	X	X	X	X	X	X	X		
9/24/13	1546	MW08-092413	W	5	X	X	X	X	X	X	X	X	X	X		
9/24/13	1505	MW11-092413	W	5	X	X	X	X	X	X	X	X	X	X		
9/25/13	1420	MW10-092513	W	5	X	X	X	X	X	X	X	X	X	X		
9/25/13	1357	MW07-092513	W	5	X	X	X	X	X	X	X	X	X	X		
9/25/13	1000	MW13-092513	W	5	X	X	X	X	X	X	X	X	X	X		
9/26/13	1140	MW17-092613	W	5	X	X	X	X	X	X	X	X	X	X		
9/26/13	1327	MW06-092613	W	5	X	X	X	X	X	X	X	X	X	X		
9/26/13		Trip Blank	W	2	X	X	X	X	X	X	X	X	X	X		
Relinquished By: <u>Andrew Vidourek</u> Company: <u>MFA</u>				Received By: <u>[Signature]</u> Company: <u>SA</u>	Relinquished By: <u>[Signature]</u> Company: <u>SA</u>										Date: <u>9/26/13</u> Time: <u>1000</u>	
Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt. Samples held beyond 60 days subject to storage fees(s)				Received For Lab By: <u>[Signature]</u>										Date: <u>9/27/13</u> Time: <u>12:10</u>		



Specialty Analytical

11711 SE Capps Road, Ste B
Clackamas, Oregon 97015
TEL: 503-607-1331 FAX: 503-607-1336
Website: www.specialtyanalytical.com

October 25, 2013

Merideth D'Andrea
Maul Foster & Alongi
400 E. Mill Plain Blvd.
Suite 400
Vancouver, WA 98660
TEL: (360) 694-2691
FAX (360) 906-1958
RE: Park Laundry / 8006.31.02

Dear Merideth D'Andrea:

Order No.: 1309202

Specialty Analytical received 12 sample(s) on 9/30/2013 for the analyses presented in the following report.

There were no problems with the analysis and all data for associated QC met EPA or laboratory specifications, except where noted in the Case Narrative, or as qualified with flags. Results apply only to the samples analyzed. Without approval of the laboratory, the reproduction of this report is only permitted in its entirety.

If you have any questions regarding these tests, please feel free to call.

Sincerely,

A handwritten signature in black ink, appearing to read "Marty French". The signature is fluid and cursive, with the first name being more prominent.

Marty French
Lab Director

Specialty Analytical

Date Reported: 25-Oct-13

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1309202

Lab ID: 1309202-001
Client Sample ID: MW20-092713

Collection Date: 9/27/2013 7:45:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	10/10/2013 6:35:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	10/10/2013 6:35:00 PM
1,2-Dichloroethane	0.110	0.0870	J	µg/L	1	10/10/2013 6:35:00 PM
Chloroethane	ND	0.203		µg/L	1	10/10/2013 6:35:00 PM
cis-1,2-Dichloroethene	0.250	0.0660	J	µg/L	1	10/10/2013 6:35:00 PM
Tetrachloroethene	ND	0.0672		µg/L	1	10/10/2013 6:35:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	10/10/2013 6:35:00 PM
Trichloroethene	ND	0.0870		µg/L	1	10/10/2013 6:35:00 PM
Vinyl chloride	ND	0.155		µg/L	1	10/10/2013 6:35:00 PM
Surr: 1,2-Dichloroethane-d4	105	85.3-116		%REC	1	10/10/2013 6:35:00 PM
Surr: 4-Bromofluorobenzene	99.4	88.1-120		%REC	1	10/10/2013 6:35:00 PM
Surr: Dibromofluoromethane	107	94.2-122		%REC	1	10/10/2013 6:35:00 PM
Surr: Toluene-d8	105	86.2-135		%REC	1	10/10/2013 6:35:00 PM

Lab ID: 1309202-002
Client Sample ID: MW18-092713

Collection Date: 9/27/2013 8:15:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	10/10/2013 6:57:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	10/10/2013 6:57:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	10/10/2013 6:57:00 PM
Chloroethane	ND	0.203		µg/L	1	10/10/2013 6:57:00 PM
cis-1,2-Dichloroethene	0.250	0.0660	J	µg/L	1	10/10/2013 6:57:00 PM
Tetrachloroethene	0.210	0.0672	J	µg/L	1	10/10/2013 6:57:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	10/10/2013 6:57:00 PM
Trichloroethene	ND	0.0870		µg/L	1	10/10/2013 6:57:00 PM
Vinyl chloride	ND	0.155		µg/L	1	10/10/2013 6:57:00 PM
Surr: 1,2-Dichloroethane-d4	106	85.3-116		%REC	1	10/10/2013 6:57:00 PM
Surr: 4-Bromofluorobenzene	101	88.1-120		%REC	1	10/10/2013 6:57:00 PM
Surr: Dibromofluoromethane	106	94.2-122		%REC	1	10/10/2013 6:57:00 PM
Surr: Toluene-d8	103	86.2-135		%REC	1	10/10/2013 6:57:00 PM

Specialty Analytical

Date Reported: 25-Oct-13

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1309202

Lab ID: 1309202-003
Client Sample ID: MW09-092713

Collection Date: 9/27/2013 9:40:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	10/10/2013 7:19:00 PM
1,1-Dichloroethene	0.190	0.0964	J	µg/L	1	10/10/2013 7:19:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	10/10/2013 7:19:00 PM
Chloroethane	ND	0.203		µg/L	1	10/10/2013 7:19:00 PM
cis-1,2-Dichloroethene	1.00	0.0660		µg/L	1	10/10/2013 7:19:00 PM
Tetrachloroethene	90.9	0.0672		µg/L	1	10/10/2013 7:19:00 PM
trans-1,2-Dichloroethene	0.230	0.0830	J	µg/L	1	10/10/2013 7:19:00 PM
Trichloroethene	148	0.0870		µg/L	1	10/10/2013 7:19:00 PM
Vinyl chloride	ND	0.155		µg/L	1	10/10/2013 7:19:00 PM
Surr: 1,2-Dichloroethane-d4	106	85.3-116		%REC	1	10/10/2013 7:19:00 PM
Surr: 4-Bromofluorobenzene	97.6	88.1-120		%REC	1	10/10/2013 7:19:00 PM
Surr: Dibromofluoromethane	107	94.2-122		%REC	1	10/10/2013 7:19:00 PM
Surr: Toluene-d8	94.3	86.2-135		%REC	1	10/10/2013 7:19:00 PM

Lab ID: 1309202-004
Client Sample ID: MW14-092713

Collection Date: 9/27/2013 10:50:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	10/10/2013 7:41:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	10/10/2013 7:41:00 PM
1,2-Dichloroethane	0.110	0.0870	J	µg/L	1	10/10/2013 7:41:00 PM
Chloroethane	ND	0.203		µg/L	1	10/10/2013 7:41:00 PM
cis-1,2-Dichloroethene	0.290	0.0660	J	µg/L	1	10/10/2013 7:41:00 PM
Tetrachloroethene	0.720	0.0672	J	µg/L	1	10/10/2013 7:41:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	10/10/2013 7:41:00 PM
Trichloroethene	0.860	0.0870	J	µg/L	1	10/10/2013 7:41:00 PM
Vinyl chloride	ND	0.155		µg/L	1	10/10/2013 7:41:00 PM
Surr: 1,2-Dichloroethane-d4	106	85.3-116		%REC	1	10/10/2013 7:41:00 PM
Surr: 4-Bromofluorobenzene	92.8	88.1-120		%REC	1	10/10/2013 7:41:00 PM
Surr: Dibromofluoromethane	108	94.2-122		%REC	1	10/10/2013 7:41:00 PM
Surr: Toluene-d8	95.9	86.2-135		%REC	1	10/10/2013 7:41:00 PM

Specialty Analytical

Date Reported: 25-Oct-13

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1309202

Lab ID: 1309202-005
Client Sample ID: MW21-092713

Collection Date: 9/27/2013 12:06:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	10/10/2013 8:03:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	10/10/2013 8:03:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	10/10/2013 8:03:00 PM
Chloroethane	ND	0.203		µg/L	1	10/10/2013 8:03:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	10/10/2013 8:03:00 PM
Tetrachloroethene	53.8	0.0672		µg/L	1	10/10/2013 8:03:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	10/10/2013 8:03:00 PM
Trichloroethene	0.390	0.0870	J	µg/L	1	10/10/2013 8:03:00 PM
Vinyl chloride	ND	0.155		µg/L	1	10/10/2013 8:03:00 PM
Surr: 1,2-Dichloroethane-d4	106	85.3-116		%REC	1	10/10/2013 8:03:00 PM
Surr: 4-Bromofluorobenzene	95.3	88.1-120		%REC	1	10/10/2013 8:03:00 PM
Surr: Dibromofluoromethane	99.8	94.2-122		%REC	1	10/10/2013 8:03:00 PM
Surr: Toluene-d8	98.5	86.2-135		%REC	1	10/10/2013 8:03:00 PM

Lab ID: 1309202-006
Client Sample ID: MW01-092713

Collection Date: 9/27/2013 12:32:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	10/10/2013 8:25:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	10/10/2013 8:25:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	10/10/2013 8:25:00 PM
Chloroethane	ND	0.203		µg/L	1	10/10/2013 8:25:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	10/10/2013 8:25:00 PM
Tetrachloroethene	5.44	0.0672		µg/L	1	10/10/2013 8:25:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	10/10/2013 8:25:00 PM
Trichloroethene	0.370	0.0870	J	µg/L	1	10/10/2013 8:25:00 PM
Vinyl chloride	ND	0.155		µg/L	1	10/10/2013 8:25:00 PM
Surr: 1,2-Dichloroethane-d4	106	85.3-116		%REC	1	10/10/2013 8:25:00 PM
Surr: 4-Bromofluorobenzene	98.2	88.1-120		%REC	1	10/10/2013 8:25:00 PM
Surr: Dibromofluoromethane	98.4	94.2-122		%REC	1	10/10/2013 8:25:00 PM
Surr: Toluene-d8	96.1	86.2-135		%REC	1	10/10/2013 8:25:00 PM

Specialty Analytical

Date Reported: 25-Oct-13

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1309202

Lab ID: 1309202-007 **Collection Date:** 9/27/2013 1:45:00 AM
Client Sample ID: MW02-092713 **Matrix:** GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	10/10/2013 8:47:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	10/10/2013 8:47:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	10/10/2013 8:47:00 PM
Chloroethane	ND	0.203		µg/L	1	10/10/2013 8:47:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	10/10/2013 8:47:00 PM
Tetrachloroethene	0.530	0.0672	J	µg/L	1	10/10/2013 8:47:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	10/10/2013 8:47:00 PM
Trichloroethene	ND	0.0870		µg/L	1	10/10/2013 8:47:00 PM
Vinyl chloride	ND	0.155		µg/L	1	10/10/2013 8:47:00 PM
Surr: 1,2-Dichloroethane-d4	97.8	85.3-116		%REC	1	10/10/2013 8:47:00 PM
Surr: 4-Bromofluorobenzene	95.3	88.1-120		%REC	1	10/10/2013 8:47:00 PM
Surr: Dibromofluoromethane	99.1	94.2-122		%REC	1	10/10/2013 8:47:00 PM
Surr: Toluene-d8	96.1	86.2-135		%REC	1	10/10/2013 8:47:00 PM

Lab ID: 1309202-008 **Collection Date:** 9/27/2013 2:00:00 PM
Client Sample ID: MW03-092713 **Matrix:** GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	10/10/2013 9:08:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	10/10/2013 9:08:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	10/10/2013 9:08:00 PM
Chloroethane	ND	0.203		µg/L	1	10/10/2013 9:08:00 PM
cis-1,2-Dichloroethene	0.580	0.0660	J	µg/L	1	10/10/2013 9:08:00 PM
Tetrachloroethene	1390	0.672		µg/L	10	10/11/2013 11:01:00 AM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	10/10/2013 9:08:00 PM
Trichloroethene	1.95	0.0870		µg/L	1	10/10/2013 9:08:00 PM
Vinyl chloride	ND	0.155		µg/L	1	10/10/2013 9:08:00 PM
Surr: 1,2-Dichloroethane-d4	105	85.3-116		%REC	1	10/10/2013 9:08:00 PM
Surr: 4-Bromofluorobenzene	95.6	88.1-120		%REC	1	10/10/2013 9:08:00 PM
Surr: Dibromofluoromethane	99.4	94.2-122		%REC	1	10/10/2013 9:08:00 PM
Surr: Toluene-d8	98.3	86.2-135		%REC	1	10/10/2013 9:08:00 PM

Specialty Analytical

Date Reported: 25-Oct-13

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1309202

Lab ID: 1309202-009
Client Sample ID: MW05-092713

Collection Date: 9/27/2013 3:55:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	10/10/2013 9:30:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	10/10/2013 9:30:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	10/10/2013 9:30:00 PM
Chloroethane	ND	0.203		µg/L	1	10/10/2013 9:30:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	10/10/2013 9:30:00 PM
Tetrachloroethene	624	0.672		µg/L	10	10/11/2013 11:34:00 AM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	10/10/2013 9:30:00 PM
Trichloroethene	2.63	0.0870		µg/L	1	10/10/2013 9:30:00 PM
Vinyl chloride	ND	0.155		µg/L	1	10/10/2013 9:30:00 PM
Surr: 1,2-Dichloroethane-d4	105	85.3-116		%REC	1	10/10/2013 9:30:00 PM
Surr: 4-Bromofluorobenzene	90.8	88.1-120		%REC	1	10/10/2013 9:30:00 PM
Surr: Dibromofluoromethane	101	94.2-122		%REC	1	10/10/2013 9:30:00 PM
Surr: Toluene-d8	92.9	86.2-135		%REC	1	10/10/2013 9:30:00 PM

Lab ID: 1309202-010
Client Sample ID: MW05-092713-DUP

Collection Date: 9/27/2013 3:55:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	10/10/2013 9:52:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	10/10/2013 9:52:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	10/10/2013 9:52:00 PM
Chloroethane	ND	0.203		µg/L	1	10/10/2013 9:52:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	10/10/2013 9:52:00 PM
Tetrachloroethene	1270	1.34		µg/L	20	10/11/2013 11:56:00 AM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	10/10/2013 9:52:00 PM
Trichloroethene	3.92	0.0870		µg/L	1	10/10/2013 9:52:00 PM
Vinyl chloride	ND	0.155		µg/L	1	10/10/2013 9:52:00 PM
Surr: 1,2-Dichloroethane-d4	106	85.3-116		%REC	1	10/10/2013 9:52:00 PM
Surr: 4-Bromofluorobenzene	93.4	88.1-120		%REC	1	10/10/2013 9:52:00 PM
Surr: Dibromofluoromethane	99.7	94.2-122		%REC	1	10/10/2013 9:52:00 PM
Surr: Toluene-d8	93.2	86.2-135		%REC	1	10/10/2013 9:52:00 PM

Specialty Analytical

Date Reported: 25-Oct-13

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1309202

Lab ID: 1309202-011
Client Sample ID: MW04-092713

Collection Date: 9/27/2013 4:15:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	10/10/2013 10:14:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	10/10/2013 10:14:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	10/10/2013 10:14:00 PM
Chloroethane	ND	0.203		µg/L	1	10/10/2013 10:14:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	10/10/2013 10:14:00 PM
Tetrachloroethene	21.7	0.0672		µg/L	1	10/10/2013 10:14:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	10/10/2013 10:14:00 PM
Trichloroethene	ND	0.0870		µg/L	1	10/10/2013 10:14:00 PM
Vinyl chloride	ND	0.155		µg/L	1	10/10/2013 10:14:00 PM
Surr: 1,2-Dichloroethane-d4	105	85.3-116		%REC	1	10/10/2013 10:14:00 PM
Surr: 4-Bromofluorobenzene	94.1	88.1-120		%REC	1	10/10/2013 10:14:00 PM
Surr: Dibromofluoromethane	98.6	94.2-122		%REC	1	10/10/2013 10:14:00 PM
Surr: Toluene-d8	96.1	86.2-135		%REC	1	10/10/2013 10:14:00 PM

Lab ID: 1309202-012
Client Sample ID: Trip Blank_092713

Collection Date: 9/27/2013
Matrix: AQUEOUS

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	10/10/2013 10:36:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	10/10/2013 10:36:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	10/10/2013 10:36:00 PM
Chloroethane	ND	0.203		µg/L	1	10/10/2013 10:36:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	10/10/2013 10:36:00 PM
Tetrachloroethene	ND	0.0672		µg/L	1	10/10/2013 10:36:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	10/10/2013 10:36:00 PM
Trichloroethene	ND	0.0870		µg/L	1	10/10/2013 10:36:00 PM
Vinyl chloride	ND	0.155		µg/L	1	10/10/2013 10:36:00 PM
Surr: 1,2-Dichloroethane-d4	105	85.3-116		%REC	1	10/10/2013 10:36:00 PM
Surr: 4-Bromofluorobenzene	91.5	88.1-120		%REC	1	10/10/2013 10:36:00 PM
Surr: Dibromofluoromethane	100	94.2-122		%REC	1	10/10/2013 10:36:00 PM
Surr: Toluene-d8	93.2	86.2-135		%REC	1	10/10/2013 10:36:00 PM

QC SUMMARY REPORT

WO#: 1309202

25-Oct-13

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

TestCode: 8260_W

Sample ID: CCV 40PPB	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 11854						
Client ID: CCV	Batch ID: R11854	TestNo: SW8260B		Analysis Date: 10/10/2013	SeqNo: 150263						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	37.0	1.00	40.00	0	92.4	80	120				
Vinyl chloride	36.2	1.00	40.00	0	90.5	80	120				

Sample ID: LCS 40PPB	SampType: LCS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 11854						
Client ID: LCSW	Batch ID: R11854	TestNo: SW8260B		Analysis Date: 10/10/2013	SeqNo: 150264						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	43.2	1.00	40.00	0	108	61.2	135				
Trichloroethene	37.7	1.00	40.00	0	94.3	68.5	124				

Sample ID: LCSD 40PPB	SampType: LCSD	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 11854						
Client ID: LCSS02	Batch ID: R11854	TestNo: SW8260B		Analysis Date: 10/10/2013	SeqNo: 150265						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	42.2	1.00	40.00	0	106	61.2	135	43.22	2.27	20	
Trichloroethene	36.5	1.00	40.00	0	91.4	68.5	124	37.70	3.13	20	

Sample ID: 1309202-001AMS	SampType: MS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 11854						
Client ID: MW20-092713	Batch ID: R11854	TestNo: SW8260B		Analysis Date: 10/10/2013	SeqNo: 150266						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	42.7	1.00	40.00	0	107	47.8	165				
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Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted reco

QC SUMMARY REPORT

WO#: 1309202
25-Oct-13

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

TestCode: 8260_W

Sample ID: 1309202-001AMS	SampType: MS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 11854						
Client ID: MW20-092713	Batch ID: R11854	TestNo: SW8260B		Analysis Date: 10/10/2013	SeqNo: 150266						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	36.7	1.00	40.00	0	91.8	50.8	164				

Sample ID: 1309202-001AMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 11854						
Client ID: MW20-092713	Batch ID: R11854	TestNo: SW8260B		Analysis Date: 10/10/2013	SeqNo: 150267						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	41.9	1.00	40.00	0	105	47.8	165	42.74	2.06	20	
Trichloroethene	37.2	1.00	40.00	0	93.0	50.8	164	36.70	1.35	20	

Sample ID: MB	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 11854						
Client ID: PBW	Batch ID: R11854	TestNo: SW8260B		Analysis Date: 10/10/2013	SeqNo: 150268						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	0.270	1.00									J
Tetrachloroethene	0.120	1.00									J
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	0.190	1.00									J
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	104		100.0		104	85.3	116				

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted reco

QC SUMMARY REPORT

WO#: 1309202
25-Oct-13

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

TestCode: 8260_W

Sample ID: MB	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 11854						
Client ID: PBW	Batch ID: R11854	TestNo: SW8260B		Analysis Date: 10/10/2013	SeqNo: 150268						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	92.5		100.0		92.5	88.1	120				
Surr: Dibromofluoromethane	102		100.0		102	94.2	122				
Surr: Toluene-d8	104		100.0		104	86.2	135				

Sample ID: CCB	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 11854						
Client ID: CCB	Batch ID: R11854	TestNo: SW8260B		Analysis Date: 10/11/2013	SeqNo: 150289						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	0.120	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	0.210	1.00									
Tetrachloroethene	0.290	1.00									
trans-1,2-Dichloroethene	0.110	1.00									
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	104		100.0		104	85.3	116				
Surr: 4-Bromofluorobenzene	92.9		100.0		92.9	88.1	120				
Surr: Dibromofluoromethane	103		100.0		103	94.2	122				
Surr: Toluene-d8	97.2		100.0		97.2	86.2	135				

Qualifiers:	B Analyte detected in the associated Method Blank O RSD is greater than RSDlimit	H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits	ND Not Detected at the Reporting Limit S Spike Recovery outside accepted reco	Page 3 of 4
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QC SUMMARY REPORT

WO#: 1309202

25-Oct-13

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

TestCode: 8260_W

Sample ID: 60 CCV	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 11854						
Client ID: CCV	Batch ID: R11854	TestNo: SW8260B		Analysis Date: 10/11/2013	SeqNo: 150296						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	56.2	1.00	60.00	0	93.7	80	120				
Vinyl chloride	51.2	1.00	60.00	0	85.3	80	120				

Qualifiers: B Analyte detected in the associated Method Blank
O RSD is greater than RSDlimit

H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits

ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted reco

KEY TO FLAGS

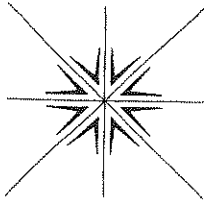
Rev. May 12, 2010

- A This sample contains a Gasoline Range Organic not identified as a specific hydrocarbon product. The result was quantified against gasoline calibration standards
- A1 This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was quantified against diesel calibration standards.
- A2 This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was quantified against a lube oil calibration standard.
- A3 The result was determined to be Non-Detect based on hydrocarbon pattern recognition. The product was carry-over from another hydrocarbon type.
- A4 The product appears to be aged or degraded diesel.
- B The blank exhibited a positive result great than the reporting limit for this compound.
- CN See Case Narrative.
- D Result is based from a dilution.
- E Result exceeds the calibration range for this compound. The result should be considered as estimate.
- F The positive result for this hydrocarbon is due to single component contamination. The product does not match any hydrocarbon in the fuels library.
- G Result may be biased high due to biogenic interferences. Clean up is recommended.
- H Sample was analyzed outside recommended holding time.
- HT At clients request, samples was analyzed outside of recommended holding time.
- J The result for this analyte is between the MDL and the PQL and should be considered as estimated concentration.
- K Diesel result is biased high due to amount of Oil contained in the sample.
- L Diesel result is biased high due to amount of Gasoline contained in the sample.
- M Oil result is biased high due to amount of Diesel contained in the sample.
- MC Sample concentration is greater than 4x the spiked value, the spiked value is considered insignificant.
- MI Result is outside control limits due to matrix interference.
- MSA Value determined by Method of Standard Addition.
- O Laboratory Control Standard (LCS) exceeded laboratory control limits, but meets CCV criteria. Data meets EPA requirements.
- Q Detection levels elevated due to sample matrix.
- R RPD control limits were exceeded.
- RF Duplicate failed due to result being at or near the method-reporting limit.
- RP Matrix spike values exceed established QC limits; post digestion spike is in control.
- S Recovery is outside control limits.
- SC Closing CCV or LCS exceeded high recovery control limits, but associated samples are non-detect. Data meets EPA requirements.
- * The result for this parameter was greater than the maximum contaminant level of the TCLP regulatory limit.

CHAIN OF CUSTODY RECORD

Specialty Analytical

11711 SE Capps Road
Clackamas, OR 97015
Phone: 503-607-1331
Fax: 503-607-1336



Contact Person/Project Manager Andrew Vidourek
Company MFA
Address 400 E Mill Plain Blvd Suite 400
Vancouver WA 98660
Phone 360 694 2691 Fax _____
Project No. 80063102 Project Name Park Laundry
Project Site Location OR _____ WA Other _____
Invoice To MFA P.O. No. _____

Collected By: _____
Signature Andrew Vidourek
Printed: _____

Signature _____
Printed: _____

Turn Around Time _____
 Normal 5-7 Business Days
 Rush _____ Specify _____

Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix	Analyses								For Laboratory Use			
				No. of Containers	PCP	TCAUS-1,2-DCE	TCE	Vinyl Chloride	1,1-DCA	1,2-DCA	Chloroethane	Relinquished By:	Date	Time	
9/27/13		Trip Blank	W	2	X	X	X	X	X	X	X	X	Lab Job No. <u>1309202</u>	Comments	Lab I.D.
9/27/13	0745	MW20-092713	W	5	X	X	X	X	X	X	X	X	Shipped Via <u>Specialty</u>	Temperature On Receipt <u>6</u> °C	
9/27/13	0815	MW18-092713	W	5	X	X	X	X	X	X	X	X	Air Bill No. _____	Specialty Analytical Containers? <u>Y/N</u>	
9/27/13	0940	MW09-092713	W	5	X	X	X	X	X	X	X	X		Specialty Analytical Trip Blanks? <u>Y/N</u>	
9/27/13	1050	MW14-092713	W	5	X	X	X	X	X	X	X	X			
9/27/13	1200	MW21-092713	W	5	X	X	X	X	X	X	X	X			
9/27/13	1232	MW01-092713	W	5	X	X	X	X	X	X	X	X			
9/27/13	1345	MW02-092713	W	5	X	X	X	X	X	X	X	X			
9/27/13	1400	MW03-092713	W	5	X	X	X	X	X	X	X	X			
9/27/13	1555	MW05-092713	W	5	X	X	X	X	X	X	X	X			
9/27/13	1555	MW05-092713-DUP	W	5	X	X	X	X	X	X	X	X			
9/27/13	1615	MW04-092713	W	5	X	X	X	X	X	X	X	X			

Relinquished By: Andrew Vidourek
Company: MFA
Date: 9/27/13 Time: 1700
Received By: [Signature]
Company: [Signature]

Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.
Samples held beyond 60 days subject to storage fee(s)



Specialty Analytical

11711 SE Capps Road, Ste B
Clackamas, Oregon 97015
TEL: 503-607-1331 FAX: 503-607-1336
Website: www.specialtyanalytical.com

January 02, 2014

Andrew Vidourek
Maul Foster & Alongi
400 E. Mill Plain Blvd.
Suite 400
Vancouver, WA 98660
TEL: (360) 694-2691
FAX (360) 906-1958
RE: Park Laundry / 8006.31.02

Dear Andrew Vidourek:

Order No.: 1312237

Specialty Analytical received 18 sample(s) on 12/26/2013 for the analyses presented in the following report.

There were no problems with the analysis and all data for associated QC met EPA or laboratory specifications, except where noted in the Case Narrative, or as qualified with flags. Results apply only to the samples analyzed. Without approval of the laboratory, the reproduction of this report is only permitted in its entirety.

If you have any questions regarding these tests, please feel free to call.

Sincerely,

A handwritten signature in black ink, appearing to read "Marty French". The signature is fluid and cursive, with the first name being more prominent.

Marty French
Lab Director

Specialty Analytical

Date Reported: 02-Jan-14

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1312237

Lab ID: 1312237-001 **Collection Date:** 12/23/2013 9:25:00 AM
Client Sample ID: MW01-122313 **Matrix:** GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	12/30/2013 5:53:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	12/30/2013 5:53:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	12/30/2013 5:53:00 PM
Chloroethane	ND	0.203		µg/L	1	12/30/2013 5:53:00 PM
cis-1,2-Dichloroethene	0.190	0.0660	J	µg/L	1	12/30/2013 5:53:00 PM
Tetrachloroethene	5.05	0.0672		µg/L	1	12/30/2013 5:53:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	12/30/2013 5:53:00 PM
Trichloroethene	0.200	0.0870	J	µg/L	1	12/30/2013 5:53:00 PM
Vinyl chloride	0.220	0.155	J	µg/L	1	12/30/2013 5:53:00 PM
Surr: 1,2-Dichloroethane-d4	99.3	85.3-116		%REC	1	12/30/2013 5:53:00 PM
Surr: 4-Bromofluorobenzene	95.6	88.1-120		%REC	1	12/30/2013 5:53:00 PM
Surr: Dibromofluoromethane	100	94.2-122		%REC	1	12/30/2013 5:53:00 PM
Surr: Toluene-d8	90.7	86.2-135		%REC	1	12/30/2013 5:53:00 PM

Lab ID: 1312237-002 **Collection Date:** 12/23/2013 9:30:00 AM
Client Sample ID: MW21-122313 **Matrix:** GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	12/30/2013 6:27:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	12/30/2013 6:27:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	12/30/2013 6:27:00 PM
Chloroethane	ND	0.203		µg/L	1	12/30/2013 6:27:00 PM
cis-1,2-Dichloroethene	0.180	0.0660	J	µg/L	1	12/30/2013 6:27:00 PM
Tetrachloroethene	602	0.672		µg/L	10	12/31/2013 9:42:00 AM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	12/30/2013 6:27:00 PM
Trichloroethene	0.230	0.0870	J	µg/L	1	12/30/2013 6:27:00 PM
Vinyl chloride	0.260	0.155	J	µg/L	1	12/30/2013 6:27:00 PM
Surr: 1,2-Dichloroethane-d4	98.7	85.3-116		%REC	1	12/30/2013 6:27:00 PM
Surr: 4-Bromofluorobenzene	96.9	88.1-120		%REC	1	12/30/2013 6:27:00 PM
Surr: Dibromofluoromethane	101	94.2-122		%REC	1	12/30/2013 6:27:00 PM
Surr: Toluene-d8	91.7	86.2-135		%REC	1	12/30/2013 6:27:00 PM

Specialty Analytical

Date Reported: 02-Jan-14

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1312237

Lab ID: 1312237-003 **Collection Date:** 12/23/2013 10:42:00 AM
Client Sample ID: MW02-122313 **Matrix:** GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	12/30/2013 7:01:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	12/30/2013 7:01:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	12/30/2013 7:01:00 PM
Chloroethane	ND	0.203		µg/L	1	12/30/2013 7:01:00 PM
cis-1,2-Dichloroethene	0.200	0.0660	J	µg/L	1	12/30/2013 7:01:00 PM
Tetrachloroethene	0.340	0.0672	J	µg/L	1	12/30/2013 7:01:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	12/30/2013 7:01:00 PM
Trichloroethene	0.140	0.0870	J	µg/L	1	12/30/2013 7:01:00 PM
Vinyl chloride	0.250	0.155	J	µg/L	1	12/30/2013 7:01:00 PM
Surr: 1,2-Dichloroethane-d4	99.4	85.3-116		%REC	1	12/30/2013 7:01:00 PM
Surr: 4-Bromofluorobenzene	97.0	88.1-120		%REC	1	12/30/2013 7:01:00 PM
Surr: Dibromofluoromethane	103	94.2-122		%REC	1	12/30/2013 7:01:00 PM
Surr: Toluene-d8	91.7	86.2-135		%REC	1	12/30/2013 7:01:00 PM

Lab ID: 1312237-004 **Collection Date:** 12/23/2013 10:50:00 AM
Client Sample ID: MW03-122313 **Matrix:** GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	12/30/2013 7:34:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	12/30/2013 7:34:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	12/30/2013 7:34:00 PM
Chloroethane	ND	0.203		µg/L	1	12/30/2013 7:34:00 PM
cis-1,2-Dichloroethene	0.280	0.0660	J	µg/L	1	12/30/2013 7:34:00 PM
Tetrachloroethene	11700	6.72		µg/L	100	12/31/2013 11:24:00 AM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	12/30/2013 7:34:00 PM
Trichloroethene	3.19	0.0870		µg/L	1	12/30/2013 7:34:00 PM
Vinyl chloride	0.230	0.155	J	µg/L	1	12/30/2013 7:34:00 PM
Surr: 1,2-Dichloroethane-d4	97.9	85.3-116		%REC	1	12/30/2013 7:34:00 PM
Surr: 4-Bromofluorobenzene	96.0	88.1-120		%REC	1	12/30/2013 7:34:00 PM
Surr: Dibromofluoromethane	102	94.2-122		%REC	1	12/30/2013 7:34:00 PM
Surr: Toluene-d8	93.1	86.2-135		%REC	1	12/30/2013 7:34:00 PM

Specialty Analytical

Date Reported: 02-Jan-14

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1312237

Lab ID: 1312237-005 **Collection Date:** 12/23/2013 12:00:00 PM
Client Sample ID: MW09-122313 **Matrix:** GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	12/30/2013 8:09:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	12/30/2013 8:09:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	12/30/2013 8:09:00 PM
Chloroethane	ND	0.203		µg/L	1	12/30/2013 8:09:00 PM
cis-1,2-Dichloroethene	0.430	0.0660	J	µg/L	1	12/30/2013 8:09:00 PM
Tetrachloroethene	29.9	0.0672		µg/L	1	12/31/2013 10:50:00 AM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	12/30/2013 8:09:00 PM
Trichloroethene	64.4	0.0870		µg/L	1	12/30/2013 8:09:00 PM
Vinyl chloride	0.230	0.155	J	µg/L	1	12/30/2013 8:09:00 PM
Surr: 1,2-Dichloroethane-d4	98.9	85.3-116		%REC	1	12/30/2013 8:09:00 PM
Surr: 4-Bromofluorobenzene	97.2	88.1-120		%REC	1	12/30/2013 8:09:00 PM
Surr: Dibromofluoromethane	103	94.2-122		%REC	1	12/30/2013 8:09:00 PM
Surr: Toluene-d8	91.8	86.2-135		%REC	1	12/30/2013 8:09:00 PM

Lab ID: 1312237-006 **Collection Date:** 12/23/2013 12:30:00 PM
Client Sample ID: MW14-122313 **Matrix:** GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	12/30/2013 8:42:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	12/30/2013 8:42:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	12/30/2013 8:42:00 PM
Chloroethane	ND	0.203		µg/L	1	12/30/2013 8:42:00 PM
cis-1,2-Dichloroethene	0.200	0.0660	J	µg/L	1	12/30/2013 8:42:00 PM
Tetrachloroethene	15.9	0.0672		µg/L	1	12/30/2013 8:42:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	12/30/2013 8:42:00 PM
Trichloroethene	1.86	0.0870		µg/L	1	12/30/2013 8:42:00 PM
Vinyl chloride	0.260	0.155	J	µg/L	1	12/30/2013 8:42:00 PM
Surr: 1,2-Dichloroethane-d4	99.0	85.3-116		%REC	1	12/30/2013 8:42:00 PM
Surr: 4-Bromofluorobenzene	97.5	88.1-120		%REC	1	12/30/2013 8:42:00 PM
Surr: Dibromofluoromethane	103	94.2-122		%REC	1	12/30/2013 8:42:00 PM
Surr: Toluene-d8	92.9	86.2-135		%REC	1	12/30/2013 8:42:00 PM

Specialty Analytical

Date Reported: 02-Jan-14

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1312237

Lab ID: 1312237-007 **Collection Date:** 12/23/2013 3:00:00 PM
Client Sample ID: MW18-122313 **Matrix:** GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	12/30/2013 9:17:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	12/30/2013 9:17:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	12/30/2013 9:17:00 PM
Chloroethane	ND	0.203		µg/L	1	12/30/2013 9:17:00 PM
cis-1,2-Dichloroethene	0.140	0.0660	J	µg/L	1	12/30/2013 9:17:00 PM
Tetrachloroethene	7.00	0.0672		µg/L	1	12/30/2013 9:17:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	12/30/2013 9:17:00 PM
Trichloroethene	ND	0.0870		µg/L	1	12/30/2013 9:17:00 PM
Vinyl chloride	0.250	0.155	J	µg/L	1	12/30/2013 9:17:00 PM
Surr: 1,2-Dichloroethane-d4	99.5	85.3-116		%REC	1	12/30/2013 9:17:00 PM
Surr: 4-Bromofluorobenzene	98.2	88.1-120		%REC	1	12/30/2013 9:17:00 PM
Surr: Dibromofluoromethane	103	94.2-122		%REC	1	12/30/2013 9:17:00 PM
Surr: Toluene-d8	92.2	86.2-135		%REC	1	12/30/2013 9:17:00 PM

Lab ID: 1312237-008 **Collection Date:** 12/23/2013 3:12:00 PM
Client Sample ID: MW17-122313 **Matrix:** GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	0.130	0.0851	J	µg/L	1	12/30/2013 9:50:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	12/30/2013 9:50:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	12/30/2013 9:50:00 PM
Chloroethane	ND	0.203		µg/L	1	12/30/2013 9:50:00 PM
cis-1,2-Dichloroethene	0.160	0.0660	J	µg/L	1	12/30/2013 9:50:00 PM
Tetrachloroethene	4.83	0.0672		µg/L	1	12/30/2013 9:50:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	12/30/2013 9:50:00 PM
Trichloroethene	0.140	0.0870	J	µg/L	1	12/30/2013 9:50:00 PM
Vinyl chloride	0.250	0.155	J	µg/L	1	12/30/2013 9:50:00 PM
Surr: 1,2-Dichloroethane-d4	99.5	85.3-116		%REC	1	12/30/2013 9:50:00 PM
Surr: 4-Bromofluorobenzene	97.5	88.1-120		%REC	1	12/30/2013 9:50:00 PM
Surr: Dibromofluoromethane	105	94.2-122		%REC	1	12/30/2013 9:50:00 PM
Surr: Toluene-d8	92.7	86.2-135		%REC	1	12/30/2013 9:50:00 PM

Specialty Analytical

Date Reported: 02-Jan-14

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1312237

Lab ID: 1312237-009 **Collection Date:** 12/24/2013 9:20:00 AM
Client Sample ID: MW04-122413 **Matrix:** GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	12/31/2013 1:14:00 AM
1,1-Dichloroethene	ND	0.0964		µg/L	1	12/31/2013 1:14:00 AM
1,2-Dichloroethane	ND	0.0870		µg/L	1	12/31/2013 1:14:00 AM
Chloroethane	ND	0.203		µg/L	1	12/31/2013 1:14:00 AM
cis-1,2-Dichloroethene	0.160	0.0660	J	µg/L	1	12/31/2013 1:14:00 AM
Tetrachloroethene	13.4	0.0672		µg/L	1	12/31/2013 1:14:00 AM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	12/31/2013 1:14:00 AM
Trichloroethene	0.440	0.0870	J	µg/L	1	12/31/2013 1:14:00 AM
Vinyl chloride	0.270	0.155	J	µg/L	1	12/31/2013 1:14:00 AM
Surr: 1,2-Dichloroethane-d4	98.0	85.3-116		%REC	1	12/31/2013 1:14:00 AM
Surr: 4-Bromofluorobenzene	98.7	88.1-120		%REC	1	12/31/2013 1:14:00 AM
Surr: Dibromofluoromethane	102	94.2-122		%REC	1	12/31/2013 1:14:00 AM
Surr: Toluene-d8	92.8	86.2-135		%REC	1	12/31/2013 1:14:00 AM

Lab ID: 1312237-010 **Collection Date:** 12/24/2013 9:30:00 AM
Client Sample ID: MW05-122413 **Matrix:** GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	12/31/2013 6:53:00 AM
1,1-Dichloroethene	ND	0.0964		µg/L	1	12/31/2013 6:53:00 AM
1,2-Dichloroethane	ND	0.0870		µg/L	1	12/31/2013 6:53:00 AM
Chloroethane	ND	0.203		µg/L	1	12/31/2013 6:53:00 AM
cis-1,2-Dichloroethene	0.350	0.0660	J	µg/L	1	12/31/2013 6:53:00 AM
Tetrachloroethene	1790	0.672		µg/L	10	12/31/2013 1:48:00 AM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	12/31/2013 6:53:00 AM
Trichloroethene	3.98	0.0870		µg/L	1	12/31/2013 6:53:00 AM
Vinyl chloride	0.210	0.155	J	µg/L	1	12/31/2013 6:53:00 AM
Surr: 1,2-Dichloroethane-d4	97.9	85.3-116		%REC	1	12/31/2013 6:53:00 AM
Surr: 4-Bromofluorobenzene	99.5	88.1-120		%REC	1	12/31/2013 6:53:00 AM
Surr: Dibromofluoromethane	105	94.2-122		%REC	1	12/31/2013 6:53:00 AM
Surr: Toluene-d8	92.5	86.2-135		%REC	1	12/31/2013 6:53:00 AM

Specialty Analytical

Date Reported: 02-Jan-14

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1312237

Lab ID: 1312237-011
Client Sample ID: MW05-122413-DUP

Collection Date: 12/24/2013 9:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	12/31/2013 7:27:00 AM
1,1-Dichloroethene	ND	0.0964		µg/L	1	12/31/2013 7:27:00 AM
1,2-Dichloroethane	ND	0.0870		µg/L	1	12/31/2013 7:27:00 AM
Chloroethane	ND	0.203		µg/L	1	12/31/2013 7:27:00 AM
cis-1,2-Dichloroethene	0.360	0.0660	J	µg/L	1	12/31/2013 7:27:00 AM
Tetrachloroethene	1740	0.672		µg/L	10	12/31/2013 2:21:00 AM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	12/31/2013 7:27:00 AM
Trichloroethene	3.55	0.0870		µg/L	1	12/31/2013 7:27:00 AM
Vinyl chloride	0.190	0.155	J	µg/L	1	12/31/2013 7:27:00 AM
Surr: 1,2-Dichloroethane-d4	98.7	85.3-116		%REC	1	12/31/2013 7:27:00 AM
Surr: 4-Bromofluorobenzene	98.9	88.1-120		%REC	1	12/31/2013 7:27:00 AM
Surr: Dibromofluoromethane	106	94.2-122		%REC	1	12/31/2013 7:27:00 AM
Surr: Toluene-d8	91.8	86.2-135		%REC	1	12/31/2013 7:27:00 AM

Lab ID: 1312237-012
Client Sample ID: Trip Blank_122313

Collection Date: 12/23/2013
Matrix: AQUEOUS

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	12/31/2013 2:56:00 AM
1,1-Dichloroethene	ND	0.0964		µg/L	1	12/31/2013 2:56:00 AM
1,2-Dichloroethane	ND	0.0870		µg/L	1	12/31/2013 2:56:00 AM
Chloroethane	ND	0.203		µg/L	1	12/31/2013 2:56:00 AM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	12/31/2013 2:56:00 AM
Tetrachloroethene	1.68	0.0672		µg/L	1	12/31/2013 2:56:00 AM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	12/31/2013 2:56:00 AM
Trichloroethene	ND	0.0870		µg/L	1	12/31/2013 2:56:00 AM
Vinyl chloride	0.240	0.155	J	µg/L	1	12/31/2013 2:56:00 AM
Surr: 1,2-Dichloroethane-d4	98.4	85.3-116		%REC	1	12/31/2013 2:56:00 AM
Surr: 4-Bromofluorobenzene	98.7	88.1-120		%REC	1	12/31/2013 2:56:00 AM
Surr: Dibromofluoromethane	104	94.2-122		%REC	1	12/31/2013 2:56:00 AM
Surr: Toluene-d8	92.8	86.2-135		%REC	1	12/31/2013 2:56:00 AM

Specialty Analytical

Date Reported: 02-Jan-14

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1312237

Lab ID: 1312237-013
Client Sample ID: MW20-122413

Collection Date: 12/24/2013 10:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	12/31/2013 3:29:00 AM
1,1-Dichloroethene	ND	0.0964		µg/L	1	12/31/2013 3:29:00 AM
1,2-Dichloroethane	ND	0.0870		µg/L	1	12/31/2013 3:29:00 AM
Chloroethane	ND	0.203		µg/L	1	12/31/2013 3:29:00 AM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	12/31/2013 3:29:00 AM
Tetrachloroethene	1.08	0.0672		µg/L	1	12/31/2013 3:29:00 AM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	12/31/2013 3:29:00 AM
Trichloroethene	ND	0.0870		µg/L	1	12/31/2013 3:29:00 AM
Vinyl chloride	0.230	0.155	J	µg/L	1	12/31/2013 3:29:00 AM
Surr: 1,2-Dichloroethane-d4	100	85.3-116		%REC	1	12/31/2013 3:29:00 AM
Surr: 4-Bromofluorobenzene	98.9	88.1-120		%REC	1	12/31/2013 3:29:00 AM
Surr: Dibromofluoromethane	105	94.2-122		%REC	1	12/31/2013 3:29:00 AM
Surr: Toluene-d8	92.8	86.2-135		%REC	1	12/31/2013 3:29:00 AM

Lab ID: 1312237-014
Client Sample ID: MW07-122413

Collection Date: 12/24/2013 12:05:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	12/31/2013 4:03:00 AM
1,1-Dichloroethene	ND	0.0964		µg/L	1	12/31/2013 4:03:00 AM
1,2-Dichloroethane	ND	0.0870		µg/L	1	12/31/2013 4:03:00 AM
Chloroethane	ND	0.203		µg/L	1	12/31/2013 4:03:00 AM
cis-1,2-Dichloroethene	0.150	0.0660	J	µg/L	1	12/31/2013 4:03:00 AM
Tetrachloroethene	108	0.0672		µg/L	1	12/31/2013 4:03:00 AM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	12/31/2013 4:03:00 AM
Trichloroethene	ND	0.0870		µg/L	1	12/31/2013 4:03:00 AM
Vinyl chloride	0.230	0.155	J	µg/L	1	12/31/2013 4:03:00 AM
Surr: 1,2-Dichloroethane-d4	98.0	85.3-116		%REC	1	12/31/2013 4:03:00 AM
Surr: 4-Bromofluorobenzene	100	88.1-120		%REC	1	12/31/2013 4:03:00 AM
Surr: Dibromofluoromethane	103	94.2-122		%REC	1	12/31/2013 4:03:00 AM
Surr: Toluene-d8	93.1	86.2-135		%REC	1	12/31/2013 4:03:00 AM

Specialty Analytical

Date Reported: 02-Jan-14

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1312237

Lab ID: 1312237-015
Client Sample ID: MW06-122413

Collection Date: 12/24/2013 12:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	12/31/2013 4:37:00 AM
1,1-Dichloroethene	ND	0.0964		µg/L	1	12/31/2013 4:37:00 AM
1,2-Dichloroethane	ND	0.0870		µg/L	1	12/31/2013 4:37:00 AM
Chloroethane	ND	0.203		µg/L	1	12/31/2013 4:37:00 AM
cis-1,2-Dichloroethene	1.53	0.0660		µg/L	1	12/31/2013 4:37:00 AM
Tetrachloroethene	4.83	0.0672		µg/L	1	12/31/2013 4:37:00 AM
trans-1,2-Dichloroethene	0.240	0.0830	J	µg/L	1	12/31/2013 4:37:00 AM
Trichloroethene	8.11	0.0870		µg/L	1	12/31/2013 4:37:00 AM
Vinyl chloride	0.220	0.155	J	µg/L	1	12/31/2013 4:37:00 AM
Surr: 1,2-Dichloroethane-d4	98.4	85.3-116		%REC	1	12/31/2013 4:37:00 AM
Surr: 4-Bromofluorobenzene	99.2	88.1-120		%REC	1	12/31/2013 4:37:00 AM
Surr: Dibromofluoromethane	105	94.2-122		%REC	1	12/31/2013 4:37:00 AM
Surr: Toluene-d8	93.0	86.2-135		%REC	1	12/31/2013 4:37:00 AM

Lab ID: 1312237-016
Client Sample ID: MW11-122413

Collection Date: 12/24/2013 2:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	12/31/2013 5:11:00 AM
1,1-Dichloroethene	ND	0.0964		µg/L	1	12/31/2013 5:11:00 AM
1,2-Dichloroethane	ND	0.0870		µg/L	1	12/31/2013 5:11:00 AM
Chloroethane	ND	0.203		µg/L	1	12/31/2013 5:11:00 AM
cis-1,2-Dichloroethene	0.170	0.0660	J	µg/L	1	12/31/2013 5:11:00 AM
Tetrachloroethene	17.0	0.0672		µg/L	1	12/31/2013 5:11:00 AM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	12/31/2013 5:11:00 AM
Trichloroethene	0.570	0.0870	J	µg/L	1	12/31/2013 5:11:00 AM
Vinyl chloride	0.220	0.155	J	µg/L	1	12/31/2013 5:11:00 AM
Surr: 1,2-Dichloroethane-d4	99.3	85.3-116		%REC	1	12/31/2013 5:11:00 AM
Surr: 4-Bromofluorobenzene	98.6	88.1-120		%REC	1	12/31/2013 5:11:00 AM
Surr: Dibromofluoromethane	105	94.2-122		%REC	1	12/31/2013 5:11:00 AM
Surr: Toluene-d8	92.4	86.2-135		%REC	1	12/31/2013 5:11:00 AM

Specialty Analytical

Date Reported: 02-Jan-14

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1312237

Lab ID: 1312237-017
Client Sample ID: MW10-122413

Collection Date: 12/24/2013 2:20:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	12/31/2013 5:45:00 AM
1,1-Dichloroethene	ND	0.0964		µg/L	1	12/31/2013 5:45:00 AM
1,2-Dichloroethane	ND	0.0870		µg/L	1	12/31/2013 5:45:00 AM
Chloroethane	ND	0.203		µg/L	1	12/31/2013 5:45:00 AM
cis-1,2-Dichloroethene	0.210	0.0660	J	µg/L	1	12/31/2013 5:45:00 AM
Tetrachloroethene	75.4	0.0672		µg/L	1	12/31/2013 5:45:00 AM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	12/31/2013 5:45:00 AM
Trichloroethene	18.9	0.0870		µg/L	1	12/31/2013 5:45:00 AM
Vinyl chloride	0.240	0.155	J	µg/L	1	12/31/2013 5:45:00 AM
Surr: 1,2-Dichloroethane-d4	97.9	85.3-116		%REC	1	12/31/2013 5:45:00 AM
Surr: 4-Bromofluorobenzene	98.8	88.1-120		%REC	1	12/31/2013 5:45:00 AM
Surr: Dibromofluoromethane	105	94.2-122		%REC	1	12/31/2013 5:45:00 AM
Surr: Toluene-d8	92.5	86.2-135		%REC	1	12/31/2013 5:45:00 AM

Lab ID: 1312237-018
Client Sample ID: MW13-122413

Collection Date: 12/24/2013 3:25:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	12/31/2013 6:19:00 AM
1,1-Dichloroethene	ND	0.0964		µg/L	1	12/31/2013 6:19:00 AM
1,2-Dichloroethane	ND	0.0870		µg/L	1	12/31/2013 6:19:00 AM
Chloroethane	ND	0.203		µg/L	1	12/31/2013 6:19:00 AM
cis-1,2-Dichloroethene	0.380	0.0660	J	µg/L	1	12/31/2013 6:19:00 AM
Tetrachloroethene	151	0.0672		µg/L	1	12/31/2013 6:19:00 AM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	12/31/2013 6:19:00 AM
Trichloroethene	11.2	0.0870		µg/L	1	12/31/2013 6:19:00 AM
Vinyl chloride	0.240	0.155	J	µg/L	1	12/31/2013 6:19:00 AM
Surr: 1,2-Dichloroethane-d4	98.3	85.3-116		%REC	1	12/31/2013 6:19:00 AM
Surr: 4-Bromofluorobenzene	99.6	88.1-120		%REC	1	12/31/2013 6:19:00 AM
Surr: Dibromofluoromethane	106	94.2-122		%REC	1	12/31/2013 6:19:00 AM
Surr: Toluene-d8	92.0	86.2-135		%REC	1	12/31/2013 6:19:00 AM

QC SUMMARY REPORT

WO#: 1312237

02-Jan-14

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

TestCode: 8260_W

Sample ID: CCV MSVWS-1948	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 13084						
Client ID: CCV	Batch ID: R13084	TestNo: SW8260B		Analysis Date: 12/30/2013	SeqNo: 170823						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	68.0	1.00	60.00	0	113	80	120				
Vinyl chloride	66.5	1.00	60.00	0	111	80	120				

Sample ID: LCS MSVWS-1949	SampType: LCS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 13084						
Client ID: LCSW	Batch ID: R13084	TestNo: SW8260B		Analysis Date: 12/30/2013	SeqNo: 170824						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	61.9	1.00	60.00	0	103	61.2	135				
Trichloroethene	58.0	1.00	60.00	0	96.8	68.5	124				

Sample ID: LCSD MSVWS-1949	SampType: LCSD	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 13084						
Client ID: LCSS02	Batch ID: R13084	TestNo: SW8260B		Analysis Date: 12/30/2013	SeqNo: 170825						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	62.3	1.00	60.00	0	104	61.2	135	61.89	0.612	20	
Trichloroethene	61.2	1.00	60.00	0	102	68.5	124	58.05	5.35	20	

Sample ID: 1312237-003AMS	SampType: MS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 13084						
Client ID: MW02-122313	Batch ID: R13084	TestNo: SW8260B		Analysis Date: 12/30/2013	SeqNo: 170828						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	46.0	1.00	40.00	0	115	47.8	165				
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Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted reco

QC SUMMARY REPORT

WO#: 1312237

02-Jan-14

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

TestCode: 8260_W

Sample ID: 1312237-003AMS	SampType: MS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 13084						
Client ID: MW02-122313	Batch ID: R13084	TestNo: SW8260B		Analysis Date: 12/30/2013	SeqNo: 170828						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	44.3	1.00	40.00	0.1400	110	50.8	164				

Sample ID: 1312237-003AMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 13084						
Client ID: MW02-122313	Batch ID: R13084	TestNo: SW8260B		Analysis Date: 12/30/2013	SeqNo: 170829						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	44.1	1.00	40.00	0	110	47.8	165	45.96	4.06	20	
Trichloroethene	43.8	1.00	40.00	0.1400	109	50.8	164	44.31	1.07	20	

Sample ID: MB	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 13084						
Client ID: PBW	Batch ID: R13084	TestNo: SW8260B		Analysis Date: 12/30/2013	SeqNo: 170830						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	0.230	1.00									J
Tetrachloroethene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	0.200	1.00									J
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	96.7		100.0		96.7	85.3	116				

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted reco

QC SUMMARY REPORT

WO#: 1312237

02-Jan-14

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

TestCode: 8260_W

Sample ID: MB	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 13084						
Client ID: PBW	Batch ID: R13084	TestNo: SW8260B		Analysis Date: 12/30/2013	SeqNo: 170830						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	94.3		100.0		94.3	88.1	120				
Surr: Dibromofluoromethane	95.5		100.0		95.5	94.2	122				
Surr: Toluene-d8	89.7		100.0		89.7	86.2	135				

Sample ID: CCV MSVWS-1948	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 13084						
Client ID: CCV	Batch ID: R13084	TestNo: SW8260B		Analysis Date: 12/30/2013	SeqNo: 170895						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	66.0	1.00	60.00	0	110	80	120				
Vinyl chloride	66.9	1.00	60.00	0	111	80	120				

Sample ID: CCB	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 13084						
Client ID: CCB	Batch ID: R13084	TestNo: SW8260B		Analysis Date: 12/31/2013	SeqNo: 170896						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	0.270	1.00									
Tetrachloroethene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	0.130	1.00									

Qualifiers:	B Analyte detected in the associated Method Blank O RSD is greater than RSDlimit	H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits	ND Not Detected at the Reporting Limit S Spike Recovery outside accepted reco	Page 3 of 4
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QC SUMMARY REPORT

WO#: 1312237

02-Jan-14

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

TestCode: 8260_W

Sample ID: CCB	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 13084						
Client ID: CCB	Batch ID: R13084	TestNo: SW8260B		Analysis Date: 12/31/2013	SeqNo: 170896						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Vinyl chloride	0.270	1.00									
Surr: 1,2-Dichloroethane-d4	98.6		100.0		98.6	85.3	116				
Surr: 4-Bromofluorobenzene	97.1		100.0		97.1	88.1	120				
Surr: Dibromofluoromethane	99.2		100.0		99.2	94.2	122				
Surr: Toluene-d8	92.2		100.0		92.2	86.2	135				

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted reco

KEY TO FLAGS

Rev. May 12, 2010

- A This sample contains a Gasoline Range Organic not identified as a specific hydrocarbon product. The result was quantified against gasoline calibration standards
- A1 This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was quantified against diesel calibration standards.
- A2 This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was quantified against a lube oil calibration standard.
- A3 The result was determined to be Non-Detect based on hydrocarbon pattern recognition. The product was carry-over from another hydrocarbon type.
- A4 The product appears to be aged or degraded diesel.
- B The blank exhibited a positive result great than the reporting limit for this compound.
- CN See Case Narrative.
- D Result is based from a dilution.
- E Result exceeds the calibration range for this compound. The result should be considered as estimate.
- F The positive result for this hydrocarbon is due to single component contamination. The product does not match any hydrocarbon in the fuels library.
- G Result may be biased high due to biogenic interferences. Clean up is recommended.
- H Sample was analyzed outside recommended holding time.
- HT At clients request, samples was analyzed outside of recommended holding time.
- J The result for this analyte is between the MDL and the PQL and should be considered as estimated concentration.
- K Diesel result is biased high due to amount of Oil contained in the sample.
- L Diesel result is biased high due to amount of Gasoline contained in the sample.
- M Oil result is biased high due to amount of Diesel contained in the sample.
- MC Sample concentration is greater than 4x the spiked value, the spiked value is considered insignificant.
- MI Result is outside control limits due to matrix interference.
- MSA Value determined by Method of Standard Addition.
- O Laboratory Control Standard (LCS) exceeded laboratory control limits, but meets CCV criteria. Data meets EPA requirements.
- Q Detection levels elevated due to sample matrix.
- R RPD control limits were exceeded.
- RF Duplicate failed due to result being at or near the method-reporting limit.
- RP Matrix spike values exceed established QC limits; post digestion spike is in control.
- S Recovery is outside control limits.
- SC Closing CCV or LCS exceeded high recovery control limits, but associated samples are non-detect. Data meets EPA requirements.
- * The result for this parameter was greater than the maximum contaminant level of the TCLP regulatory limit.

CHAIN OF CUSTODY RECORD

Specialty Analytical
 11711 SE Capps Road
 Clackamas, OR 97015
 Phone: 503-607-1331
 Fax: 503-607-1336

Contact Person/Project Manager Andrew Vidourek
 Company MFA
 Address 400 E Mill Plain Blvd Suite 400
Vancouver WA 98660
 Phone 360 694 2691 Fax _____
 Project No. 800603102 Project Name Park Laundry
 Project Site Location OR WA Other X
 Invoice To MFA P.O. No. _____

Collected By: _____
 Signature Andrew Vidourek
 Printed _____

Signature _____
 Printed _____

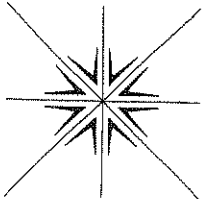
Turn Around Time _____
 Normal 5-7 Business Days
 Rush _____ Specify _____

Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix	Analyses								For Laboratory Use									
				No. of Containers	1,1-DCE	CIS-1,2-DCE	PCE	Trans-1,2-DCE	TCE	Vinyl Chloride	1,1-DCA	1,2-DCA	Chloroethene	Lab Job No.	Shipped Via	Air Bill No.					
12/23/13	0925	MW001-122313	GW	5	X	X	X	X	X	X	X	X	X	120237	Specialty		15°C	Y	Y		
	0930	MW021-122313	GW	5	X	X	X	X	X	X	X	X	X								
	1042	MW002-122313	GW	5	X	X	X	X	X	X	X	X	X								
	1050	MW003-122313	GW	5	X	X	X	X	X	X	X	X	X								
	1200	MW009-122313	GW	5	X	X	X	X	X	X	X	X	X								
	1230	MW14-122313	GW	5	X	X	X	X	X	X	X	X	X								
	1500	MW18-122313	GW	5	X	X	X	X	X	X	X	X	X								
	1512	MW17-122313	GW	5	X	X	X	X	X	X	X	X	X								
12/24/13	0920	MW004-122413	GW	5	X	X	X	X	X	X	X	X	X								
	0930	MW05-122413	GW	5	X	X	X	X	X	X	X	X	X								
	0930	MW05-122413-DUF	GW	5	X	X	X	X	X	X	X	X	X								
12/23/13	-	Trip Blank	W	2	X	X	X	X	X	X	X	X	X								
Relinquished By: <u>AWU</u>				Received By: <u>SA</u>	Relinquished (By) <u>SA</u>								Date	Time							
Company: <u>MFA</u>				Company: <u>SA</u>	Company: <u>SA</u>								2013-12-13	1545							
Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt. Samples held beyond 60 days subject to storage fee(s)				Received For Lab By: <u>Andrew Vidourek</u>				Date				Time									
								12/23/13				1545									

CHAIN OF CUSTODY RECORD

Specialty Analytical
 11711 SE Capps Road
 Clackamas, OR 97015
 Phone: 503-607-1331
 Fax: 503-607-1336



Contact Person/Project Manager Andrew Vidoušek
 Company MFA
 Address 400 E Mill Plain Blvd Suite 400
Vancouver WA 98660
 Phone 360 694 2691 Fax _____
 Project No. 8006-31-02 Project Name Park Laundry
 Project Site Location OR WA Other X
 Invoice To MFA P.O. No. _____

Collected By: _____
 Signature Andrew Vidoušek
 Printed _____

Signature _____
 Printed _____

Turn Around Time _____

Normal 5-7 Business Days
 Rush _____ Specify _____

Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix
12/24/13	1030	MW20-122413	GW
12/24/13	1205	MW07-122413	GW
12/24/13	1200	MW00-122413	GW
12/24/13	1400	MW11-122413	GW
12/24/13	1420	MW10-122413	GW
12/24/13	1525	MW13-122413	GW

No. of Containers	Analyses								For Laboratory Use		
	CIS-1,2-DCE	PCP	TRANS-1,2-DCE	TCE	Vinyl Chloride	1,1-DCA	1,2-DCA	Chloroethene	Lab Job No.	Comments	Lab I.D.
5	X	X	X	X	X	X	X	X	12227	* Report to MDL for all analysis.	
5	X	X	X	X	X	X	X	X	Specialty		
5	X	X	X	X	X	X	X	X			
5	X	X	X	X	X	X	X	X			
5	X	X	X	X	X	X	X	X			
5	X	X	X	X	X	X	X	X			

Temperature On Receipt 5 °C
 Specialty Analytical Containers? Y/N
 Specialty Analytical Trip Blanks? Y/N

Relinquished By: AWV Date 12/26/13 Time 12:00
 Company: MFA
 Received By: [Signature] Date 12/26/13 Time 1545
 Company: SA

Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.
 Samples held beyond 60 days subject to storage fees(s)

Received For Lab By: [Signature] Date 12/26/13 Time 1545



Specialty Analytical

11711 SE Capps Road, Ste B
Clackamas, Oregon 97015
TEL: 503-607-1331 FAX: 503-607-1336
Website: www.specialtyanalytical.com

January 06, 2014

Andrew Vidourek
Maul Foster & Alongi
400 E. Mill Plain Blvd.
Suite 400
Vancouver, WA 98660
TEL: (360) 694-2691
FAX (360) 906-1958
RE: Park Laundry / 8006.31.02

Dear Andrew Vidourek:

Order No.: 1312287

Specialty Analytical received 4 sample(s) on 12/31/2013 for the analyses presented in the following report.

There were no problems with the analysis and all data for associated QC met EPA or laboratory specifications, except where noted in the Case Narrative, or as qualified with flags. Results apply only to the samples analyzed. Without approval of the laboratory, the reproduction of this report is only permitted in its entirety.

If you have any questions regarding these tests, please feel free to call.

Sincerely,

A handwritten signature in black ink, appearing to read "Marty French". The signature is fluid and cursive, with the first name being more prominent.

Marty French
Lab Director

Specialty Analytical

Date Reported: 06-Jan-14

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1312287

Lab ID: 1312287-001
Client Sample ID: MW15-122013

Collection Date: 12/20/2013 9:25:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	12/31/2013 5:25:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	12/31/2013 5:25:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	12/31/2013 5:25:00 PM
Chloroethane	ND	0.203		µg/L	1	12/31/2013 5:25:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	12/31/2013 5:25:00 PM
Tetrachloroethene	18.0	0.0672		µg/L	1	12/31/2013 5:25:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	12/31/2013 5:25:00 PM
Trichloroethene	0.200	0.0870	J	µg/L	1	12/31/2013 5:25:00 PM
Vinyl chloride	0.190	0.155	J	µg/L	1	12/31/2013 5:25:00 PM
Surr: 1,2-Dichloroethane-d4	95.7	85.3-116		%REC	1	12/31/2013 5:25:00 PM
Surr: 4-Bromofluorobenzene	95.6	88.1-120		%REC	1	12/31/2013 5:25:00 PM
Surr: Dibromofluoromethane	99.7	94.2-122		%REC	1	12/31/2013 5:25:00 PM
Surr: Toluene-d8	94.6	86.2-135		%REC	1	12/31/2013 5:25:00 PM

Lab ID: 1312287-002
Client Sample ID: MW16-122013

Collection Date: 12/20/2013 11:40:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	12/31/2013 5:59:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	12/31/2013 5:59:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	12/31/2013 5:59:00 PM
Chloroethane	ND	0.203		µg/L	1	12/31/2013 5:59:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	12/31/2013 5:59:00 PM
Tetrachloroethene	11.6	0.0672		µg/L	1	12/31/2013 5:59:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	12/31/2013 5:59:00 PM
Trichloroethene	0.580	0.0870	J	µg/L	1	12/31/2013 5:59:00 PM
Vinyl chloride	0.200	0.155	J	µg/L	1	12/31/2013 5:59:00 PM
Surr: 1,2-Dichloroethane-d4	97.6	85.3-116		%REC	1	12/31/2013 5:59:00 PM
Surr: 4-Bromofluorobenzene	98.0	88.1-120		%REC	1	12/31/2013 5:59:00 PM
Surr: Dibromofluoromethane	101	94.2-122		%REC	1	12/31/2013 5:59:00 PM
Surr: Toluene-d8	94.9	86.2-135		%REC	1	12/31/2013 5:59:00 PM

Specialty Analytical

Date Reported: 06-Jan-14

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1312287

Lab ID: 1312287-003
Client Sample ID: MW19-122013

Collection Date: 12/20/2013 1:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	12/31/2013 6:33:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	12/31/2013 6:33:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	12/31/2013 6:33:00 PM
Chloroethane	ND	0.203		µg/L	1	12/31/2013 6:33:00 PM
cis-1,2-Dichloroethene	0.290	0.0660	J	µg/L	1	12/31/2013 6:33:00 PM
Tetrachloroethene	1.92	0.0672		µg/L	1	12/31/2013 6:33:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	12/31/2013 6:33:00 PM
Trichloroethene	0.410	0.0870	J	µg/L	1	12/31/2013 6:33:00 PM
Vinyl chloride	0.200	0.155	J	µg/L	1	12/31/2013 6:33:00 PM
Surr: 1,2-Dichloroethane-d4	96.2	85.3-116		%REC	1	12/31/2013 6:33:00 PM
Surr: 4-Bromofluorobenzene	97.9	88.1-120		%REC	1	12/31/2013 6:33:00 PM
Surr: Dibromofluoromethane	100	94.2-122		%REC	1	12/31/2013 6:33:00 PM
Surr: Toluene-d8	96.0	86.2-135		%REC	1	12/31/2013 6:33:00 PM

Lab ID: 1312287-004
Client Sample ID: MW08-122013

Collection Date: 12/20/2013 3:10:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	12/31/2013 7:07:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	12/31/2013 7:07:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	12/31/2013 7:07:00 PM
Chloroethane	ND	0.203		µg/L	1	12/31/2013 7:07:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	12/31/2013 7:07:00 PM
Tetrachloroethene	0.380	0.0672	J	µg/L	1	12/31/2013 7:07:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	12/31/2013 7:07:00 PM
Trichloroethene	ND	0.0870		µg/L	1	12/31/2013 7:07:00 PM
Vinyl chloride	0.200	0.155	J	µg/L	1	12/31/2013 7:07:00 PM
Surr: 1,2-Dichloroethane-d4	99.6	85.3-116		%REC	1	12/31/2013 7:07:00 PM
Surr: 4-Bromofluorobenzene	98.1	88.1-120		%REC	1	12/31/2013 7:07:00 PM
Surr: Dibromofluoromethane	103	94.2-122		%REC	1	12/31/2013 7:07:00 PM
Surr: Toluene-d8	95.3	86.2-135		%REC	1	12/31/2013 7:07:00 PM

QC SUMMARY REPORT

WO#: 1312287

06-Jan-14

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

TestCode: 8260_W

Sample ID: CCV MSVWS-1948	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 13100						
Client ID: CCV	Batch ID: R13100	TestNo: SW8260B		Analysis Date: 12/31/2013	SeqNo: 171081						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	68.0	1.00	60.00	0	113	80	120
Vinyl chloride	64.8	1.00	60.00	0	108	80	120

Sample ID: LCS MSVWS-1949	SampType: LCS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 13100						
Client ID: LCSW	Batch ID: R13100	TestNo: SW8260B		Analysis Date: 12/31/2013	SeqNo: 171082						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	62.2	1.00	60.00	0	104	61.2	135
Trichloroethene	62.4	1.00	60.00	0	104	68.5	124

Sample ID: LCSD MSVWS-1949	SampType: LCSD	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 13100						
Client ID: LCSS02	Batch ID: R13100	TestNo: SW8260B		Analysis Date: 12/31/2013	SeqNo: 171083						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	61.4	1.00	60.00	0	102	61.2	135	62.19	1.23	20
Trichloroethene	61.4	1.00	60.00	0	102	68.5	124	62.45	1.68	20

Sample ID: 1312273-001CMS	SampType: MS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 13100						
Client ID: ZZZZZ	Batch ID: R13100	TestNo: SW8260B		Analysis Date: 12/31/2013	SeqNo: 171084						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	41.9	1.00	40.00	0	105	47.8	165
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Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted reco

QC SUMMARY REPORT

WO#: 1312287

06-Jan-14

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

TestCode: 8260_W

Sample ID: 1312273-001CMS	SampType: MS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 13100						
Client ID: ZZZZZZ	Batch ID: R13100	TestNo: SW8260B		Analysis Date: 12/31/2013	SeqNo: 171084						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	81.2	1.00	40.00	27.42	134	50.8	164				

Sample ID: 1312273-001CMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 13100						
Client ID: ZZZZZZ	Batch ID: R13100	TestNo: SW8260B		Analysis Date: 12/31/2013	SeqNo: 171085						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	49.4	1.00	40.00	0	124	47.8	165	41.89	16.5	20	
Trichloroethene	77.0	1.00	40.00	27.42	124	50.8	164	81.18	5.31	20	

Sample ID: MB	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 13100						
Client ID: PBW	Batch ID: R13100	TestNo: SW8260B		Analysis Date: 12/31/2013	SeqNo: 171086						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	0.270	1.00									J
Tetrachloroethene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	0.220	1.00									J
Vinyl chloride	0.220	1.00									J
Surr: 1,2-Dichloroethane-d4	101		100.0		101	85.3	116				

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted reco

QC SUMMARY REPORT

WO#: 1312287

06-Jan-14

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

TestCode: 8260_W

Sample ID: MB	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 13100						
Client ID: PBW	Batch ID: R13100	TestNo: SW8260B		Analysis Date: 12/31/2013	SeqNo: 171086						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	95.2		100.0		95.2	88.1	120				
Surr: Dibromofluoromethane	99.1		100.0		99.1	94.2	122				
Surr: Toluene-d8	95.1		100.0		95.1	86.2	135				

Sample ID: CCV MSVWS-1948	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 13100						
Client ID: CCV	Batch ID: R13100	TestNo: SW8260B		Analysis Date: 1/6/2014	SeqNo: 172002						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	44.9	1.00	40.00	0	112	80	120				
1,1-Dichloroethene	41.0	1.00	40.00	0	103	80	120				
1,2-Dichloroethane	45.5	1.00	40.00	0	114	80	120				
Chloroethane	46.8	1.00	40.00	0	117	80	120				
cis-1,2-Dichloroethene	46.6	1.00	40.00	0	117	80	120				
Tetrachloroethene	44.7	1.00	40.00	0	112	80	120				
trans-1,2-Dichloroethene	37.1	1.00	40.00	0	92.6	80	120				
Trichloroethene	43.2	1.00	40.00	0	108	80	120				
Vinyl chloride	47.9	1.00	40.00	0	120	80	120				

Sample ID: CCB	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 13100						
Client ID: CCB	Batch ID: R13100	TestNo: SW8260B		Analysis Date: 1/6/2014	SeqNo: 172010						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	ND	1.00									

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit Page 3 of 4
O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted reco

QC SUMMARY REPORT

WO#: 1312287

06-Jan-14

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

TestCode: 8260_W

Sample ID: CCB	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 13100						
Client ID: CCB	Batch ID: R13100	TestNo: SW8260B		Analysis Date: 1/6/2014	SeqNo: 172010						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	0.170	1.00									
Tetrachloroethene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	102		100.0		102	85.3	116				
Surr: 4-Bromofluorobenzene	94.8		100.0		94.8	88.1	120				
Surr: Dibromofluoromethane	98.7		100.0		98.7	94.2	122				
Surr: Toluene-d8	95.5		100.0		95.5	86.2	135				

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted reco

KEY TO FLAGS

Rev. May 12, 2010

- A This sample contains a Gasoline Range Organic not identified as a specific hydrocarbon product. The result was quantified against gasoline calibration standards
- A1 This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was quantified against diesel calibration standards.
- A2 This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was quantified against a lube oil calibration standard.
- A3 The result was determined to be Non-Detect based on hydrocarbon pattern recognition. The product was carry-over from another hydrocarbon type.
- A4 The product appears to be aged or degraded diesel.
- B The blank exhibited a positive result great than the reporting limit for this compound.
- CN See Case Narrative.
- D Result is based from a dilution.
- E Result exceeds the calibration range for this compound. The result should be considered as estimate.
- F The positive result for this hydrocarbon is due to single component contamination. The product does not match any hydrocarbon in the fuels library.
- G Result may be biased high due to biogenic interferences. Clean up is recommended.
- H Sample was analyzed outside recommended holding time.
- HT At clients request, samples was analyzed outside of recommended holding time.
- J The result for this analyte is between the MDL and the PQL and should be considered as estimated concentration.
- K Diesel result is biased high due to amount of Oil contained in the sample.
- L Diesel result is biased high due to amount of Gasoline contained in the sample.
- M Oil result is biased high due to amount of Diesel contained in the sample.
- MC Sample concentration is greater than 4x the spiked value, the spiked value is considered insignificant.
- MI Result is outside control limits due to matrix interference.
- MSA Value determined by Method of Standard Addition.
- O Laboratory Control Standard (LCS) exceeded laboratory control limits, but meets CCV criteria. Data meets EPA requirements.
- Q Detection levels elevated due to sample matrix.
- R RPD control limits were exceeded.
- RF Duplicate failed due to result being at or near the method-reporting limit.
- RP Matrix spike values exceed established QC limits; post digestion spike is in control.
- S Recovery is outside control limits.
- SC Closing CCV or LCS exceeded high recovery control limits, but associated samples are non-detect. Data meets EPA requirements.
- * The result for this parameter was greater than the maximum contaminant level of the TCLP regulatory limit.

CHAIN OF CUSTODY RECORD

Specialty Analytical
11711 SE Capps Road
Clackamas, OR 97015
Phone: 503-607-1331
Fax: 503-607-1336

Contact Person/Project Manager Andrew Vidourek
Company MFA
Address 400 E Mill Plain Blvd Suite 400
Phone 360 694 2691 Fax _____
Project No. 8006-31.02 Project Name Park Laundry
Project Site Location OR WA Other
Invoice To MFA P.O. No. _____

Collected By: _____
Signature: [Signature]
Printed: Andrew Vidourek

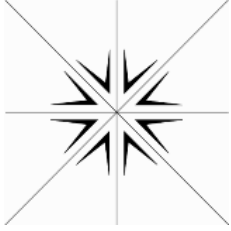
Signature: _____
Printed: _____

Turn Around Time _____
 Normal 5-7 Business Days
 Rush _____ Specify _____

Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix	No. of Containers	CIS - 1,2-DCE	PCF	TRANS - 1,2-DCE	TCE	Vinyl Chloride	1,1-DCA	1,2-DCA	Chloroethane	For Laboratory Use	Lab I.D.
12/20/13	0925	MW15-122013	GW	5	X	X	X	X	X	X	X	X	Lab Job No. <u>32287</u>	
	1140	MW16-122013	GW	5	X	X	X	X	X	X	X	X	Shipped Via <u>Specialty</u>	
	1330	MW19-122013	GW	5	X	X	X	X	X	X	X	X	Air Bill No. _____	
	1510	MW08-122013	GW	5	X	X	X	X	X	X	X	X	Temperature On Receipt <u>66</u> °C	
													Specialty Analytical Containers? Y/N	
													Specialty Analytical Trip Blanks? Y/N	
													Comments	
													* Report to M.O.L. for all analysis.	
Relinquished By: <u>AUV</u>	Date: <u>12/20/13</u>	Time: <u>1700</u>	Received By: <u>[Signature]</u>	Company: <u>MFA</u>	Received By: <u>[Signature]</u>	Company: <u>MFA</u>	Relinquished By: <u>[Signature]</u>	Company: <u>SA</u>	Date: <u>12/20/13</u>	Time: <u>1720</u>				

Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.
Samples held beyond 60 days subject to storage fees(s)



Specialty Analytical

11711 SE Capps Road, Ste B
Clackamas, Oregon 97015
TEL: 503-607-1331 FAX: 503-607-1336
Website: www.specialtyanalytical.com

March 31, 2014

Merideth D'Andrea
Maul Foster & Alongi
400 E. Mill Plain Blvd.
Suite 400
Vancouver, WA 98660
TEL: (360) 694-2691
FAX (360) 906-1958
RE: Park Laundry / 8006.31.02

Dear Merideth D'Andrea:

Order No.: 1403211

Specialty Analytical received 12 sample(s) on 3/26/2014 for the analyses presented in the following report.

There were no problems with the analysis and all data for associated QC met EPA or laboratory specifications, except where noted in the Case Narrative, or as qualified with flags. Results apply only to the samples analyzed. Without approval of the laboratory, the reproduction of this report is only permitted in its entirety.

If you have any questions regarding these tests, please feel free to call.

Sincerely,

A handwritten signature in black ink, appearing to read "Marty French". The signature is stylized and cursive.

Marty French
Lab Director

Specialty Analytical

Date Reported: 31-Mar-14

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1403211

Lab ID: 1403211-001
Client Sample ID: MW01-032414

Collection Date: 3/24/2014 2:15:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	3/27/2014 3:24:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	3/27/2014 3:24:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	3/27/2014 3:24:00 PM
Chloroethane	ND	0.203		µg/L	1	3/27/2014 3:24:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	3/27/2014 3:24:00 PM
Tetrachloroethene	3.37	0.0672		µg/L	1	3/27/2014 3:24:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	3/27/2014 3:24:00 PM
Trichloroethene	ND	0.0870		µg/L	1	3/27/2014 3:24:00 PM
Vinyl chloride	ND	0.155		µg/L	1	3/27/2014 3:24:00 PM
Surr: 1,2-Dichloroethane-d4	113	85.3-116		%REC	1	3/27/2014 3:24:00 PM
Surr: 4-Bromofluorobenzene	101	88.1-120		%REC	1	3/27/2014 3:24:00 PM
Surr: Dibromofluoromethane	110	94.2-122		%REC	1	3/27/2014 3:24:00 PM
Surr: Toluene-d8	103	86.2-135		%REC	1	3/27/2014 3:24:00 PM

Lab ID: 1403211-002
Client Sample ID: MW21-032414

Collection Date: 3/24/2014 2:40:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	3/28/2014 5:09:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	3/28/2014 5:09:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	3/28/2014 5:09:00 PM
Chloroethane	ND	0.203		µg/L	1	3/28/2014 5:09:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	3/28/2014 5:09:00 PM
Tetrachloroethene	45.3	0.0672		µg/L	1	3/28/2014 5:09:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	3/28/2014 5:09:00 PM
Trichloroethene	0.220	0.0870	J	µg/L	1	3/28/2014 5:09:00 PM
Vinyl chloride	ND	0.155		µg/L	1	3/28/2014 5:09:00 PM
Surr: 1,2-Dichloroethane-d4	103	85.3-116		%REC	1	3/28/2014 5:09:00 PM
Surr: 4-Bromofluorobenzene	101	88.1-120		%REC	1	3/28/2014 5:09:00 PM
Surr: Dibromofluoromethane	110	94.2-122		%REC	1	3/28/2014 5:09:00 PM
Surr: Toluene-d8	105	86.2-135		%REC	1	3/28/2014 5:09:00 PM

Specialty Analytical

Date Reported: 31-Mar-14

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1403211

Lab ID: 1403211-003
Client Sample ID: MW02-032414

Collection Date: 3/24/2014 4:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	3/27/2014 4:33:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	3/27/2014 4:33:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	3/27/2014 4:33:00 PM
Chloroethane	ND	0.203		µg/L	1	3/27/2014 4:33:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	3/27/2014 4:33:00 PM
Tetrachloroethene	ND	0.0672		µg/L	1	3/27/2014 4:33:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	3/27/2014 4:33:00 PM
Trichloroethene	ND	0.0870		µg/L	1	3/27/2014 4:33:00 PM
Vinyl chloride	ND	0.155		µg/L	1	3/27/2014 4:33:00 PM
Surr: 1,2-Dichloroethane-d4	99.3	85.3-116		%REC	1	3/27/2014 4:33:00 PM
Surr: 4-Bromofluorobenzene	102	88.1-120		%REC	1	3/27/2014 4:33:00 PM
Surr: Dibromofluoromethane	97.6	94.2-122		%REC	1	3/27/2014 4:33:00 PM
Surr: Toluene-d8	108	86.2-135		%REC	1	3/27/2014 4:33:00 PM

Lab ID: 1403211-004
Client Sample ID: MW03-032414

Collection Date: 3/24/2014 4:16:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	3/28/2014 5:44:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	3/28/2014 5:44:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	3/28/2014 5:44:00 PM
Chloroethane	ND	0.203		µg/L	1	3/28/2014 5:44:00 PM
cis-1,2-Dichloroethene	0.490	0.0660	J	µg/L	1	3/28/2014 5:44:00 PM
Tetrachloroethene	8840	6.72		µg/L	100	3/27/2014 5:08:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	3/28/2014 5:44:00 PM
Trichloroethene	3.75	0.0870		µg/L	1	3/28/2014 5:44:00 PM
Vinyl chloride	ND	0.155		µg/L	1	3/28/2014 5:44:00 PM
Surr: 1,2-Dichloroethane-d4	104	85.3-116		%REC	1	3/28/2014 5:44:00 PM
Surr: 4-Bromofluorobenzene	105	88.1-120		%REC	1	3/28/2014 5:44:00 PM
Surr: Dibromofluoromethane	111	94.2-122		%REC	1	3/28/2014 5:44:00 PM
Surr: Toluene-d8	104	86.2-135		%REC	1	3/28/2014 5:44:00 PM

Specialty Analytical

Date Reported: 31-Mar-14

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1403211

Lab ID: 1403211-005
Client Sample ID: MW04-032414

Collection Date: 3/24/2014 5:20:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	3/28/2014 12:32:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	3/28/2014 12:32:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	3/28/2014 12:32:00 PM
Chloroethane	ND	0.203		µg/L	1	3/28/2014 12:32:00 PM
cis-1,2-Dichloroethene	0.290	0.0660	J	µg/L	1	3/28/2014 12:32:00 PM
Tetrachloroethene	12.8	0.0672		µg/L	1	3/28/2014 12:32:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	3/28/2014 12:32:00 PM
Trichloroethene	0.950	0.0870	J	µg/L	1	3/28/2014 12:32:00 PM
Vinyl chloride	ND	0.155		µg/L	1	3/28/2014 12:32:00 PM
Surr: 1,2-Dichloroethane-d4	95.0	85.3-116		%REC	1	3/28/2014 12:32:00 PM
Surr: 4-Bromofluorobenzene	95.0	88.1-120		%REC	1	3/28/2014 12:32:00 PM
Surr: Dibromofluoromethane	101	94.2-122		%REC	1	3/28/2014 12:32:00 PM
Surr: Toluene-d8	95.5	86.2-135		%REC	1	3/28/2014 12:32:00 PM

Lab ID: 1403211-006
Client Sample ID: MW05-032414

Collection Date: 3/24/2014 5:45:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	3/28/2014 6:18:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	3/28/2014 6:18:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	3/28/2014 6:18:00 PM
Chloroethane	ND	0.203		µg/L	1	3/28/2014 6:18:00 PM
cis-1,2-Dichloroethene	0.250	0.0660	J	µg/L	1	3/28/2014 6:18:00 PM
Tetrachloroethene	1960	1.34		µg/L	20	3/28/2014 1:07:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	3/28/2014 6:18:00 PM
Trichloroethene	4.64	0.0870		µg/L	1	3/28/2014 6:18:00 PM
Vinyl chloride	ND	0.155		µg/L	1	3/28/2014 6:18:00 PM
Surr: 1,2-Dichloroethane-d4	102	85.3-116		%REC	1	3/28/2014 6:18:00 PM
Surr: 4-Bromofluorobenzene	104	88.1-120		%REC	1	3/28/2014 6:18:00 PM
Surr: Dibromofluoromethane	110	94.2-122		%REC	1	3/28/2014 6:18:00 PM
Surr: Toluene-d8	107	86.2-135		%REC	1	3/28/2014 6:18:00 PM

Specialty Analytical

Date Reported: 31-Mar-14

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1403211

Lab ID: 1403211-007
Client Sample ID: MW05-032414-DUP

Collection Date: 3/24/2014 5:45:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	3/28/2014 6:53:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	3/28/2014 6:53:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	3/28/2014 6:53:00 PM
Chloroethane	ND	0.203		µg/L	1	3/28/2014 6:53:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	3/28/2014 6:53:00 PM
Tetrachloroethene	1790	1.34		µg/L	20	3/28/2014 1:42:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	3/28/2014 6:53:00 PM
Trichloroethene	5.87	0.0870		µg/L	1	3/28/2014 6:53:00 PM
Vinyl chloride	ND	0.155		µg/L	1	3/28/2014 6:53:00 PM
Surr: 1,2-Dichloroethane-d4	109	85.3-116		%REC	1	3/28/2014 6:53:00 PM
Surr: 4-Bromofluorobenzene	103	88.1-120		%REC	1	3/28/2014 6:53:00 PM
Surr: Dibromofluoromethane	104	94.2-122		%REC	1	3/28/2014 6:53:00 PM
Surr: Toluene-d8	109	86.2-135		%REC	1	3/28/2014 6:53:00 PM

Lab ID: 1403211-008
Client Sample ID: MW16-032514

Collection Date: 3/25/2014 9:25:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	3/28/2014 2:16:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	3/28/2014 2:16:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	3/28/2014 2:16:00 PM
Chloroethane	ND	0.203		µg/L	1	3/28/2014 2:16:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	3/28/2014 2:16:00 PM
Tetrachloroethene	11.5	0.0672		µg/L	1	3/28/2014 2:16:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	3/28/2014 2:16:00 PM
Trichloroethene	1.35	0.0870		µg/L	1	3/28/2014 2:16:00 PM
Vinyl chloride	ND	0.155		µg/L	1	3/28/2014 2:16:00 PM
Surr: 1,2-Dichloroethane-d4	105	85.3-116		%REC	1	3/28/2014 2:16:00 PM
Surr: 4-Bromofluorobenzene	98.6	88.1-120		%REC	1	3/28/2014 2:16:00 PM
Surr: Dibromofluoromethane	106	94.2-122		%REC	1	3/28/2014 2:16:00 PM
Surr: Toluene-d8	99.0	86.2-135		%REC	1	3/28/2014 2:16:00 PM

Specialty Analytical

Date Reported: 31-Mar-14

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1403211

Lab ID: 1403211-009
Client Sample ID: MW15-032514

Collection Date: 3/25/2014 11:15:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	3/28/2014 2:50:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	3/28/2014 2:50:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	3/28/2014 2:50:00 PM
Chloroethane	ND	0.203		µg/L	1	3/28/2014 2:50:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	3/28/2014 2:50:00 PM
Tetrachloroethene	13.1	0.0672		µg/L	1	3/28/2014 2:50:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	3/28/2014 2:50:00 PM
Trichloroethene	0.630	0.0870	J	µg/L	1	3/28/2014 2:50:00 PM
Vinyl chloride	ND	0.155		µg/L	1	3/28/2014 2:50:00 PM
Surr: 1,2-Dichloroethane-d4	109	85.3-116		%REC	1	3/28/2014 2:50:00 PM
Surr: 4-Bromofluorobenzene	99.5	88.1-120		%REC	1	3/28/2014 2:50:00 PM
Surr: Dibromofluoromethane	107	94.2-122		%REC	1	3/28/2014 2:50:00 PM
Surr: Toluene-d8	103	86.2-135		%REC	1	3/28/2014 2:50:00 PM

Lab ID: 1403211-010
Client Sample ID: MW07-032514

Collection Date: 3/25/2014 1:15:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	3/28/2014 3:25:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	3/28/2014 3:25:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	3/28/2014 3:25:00 PM
Chloroethane	ND	0.203		µg/L	1	3/28/2014 3:25:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	3/28/2014 3:25:00 PM
Tetrachloroethene	11.7	0.0672		µg/L	1	3/28/2014 3:25:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	3/28/2014 3:25:00 PM
Trichloroethene	ND	0.0870		µg/L	1	3/28/2014 3:25:00 PM
Vinyl chloride	ND	0.155		µg/L	1	3/28/2014 3:25:00 PM
Surr: 1,2-Dichloroethane-d4	111	85.3-116		%REC	1	3/28/2014 3:25:00 PM
Surr: 4-Bromofluorobenzene	101	88.1-120		%REC	1	3/28/2014 3:25:00 PM
Surr: Dibromofluoromethane	108	94.2-122		%REC	1	3/28/2014 3:25:00 PM
Surr: Toluene-d8	103	86.2-135		%REC	1	3/28/2014 3:25:00 PM

Specialty Analytical

Date Reported: 31-Mar-14

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1403211

Lab ID: 1403211-011
Client Sample ID: MW10-032514

Collection Date: 3/25/2014 2:50:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	3/28/2014 4:00:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	3/28/2014 4:00:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	3/28/2014 4:00:00 PM
Chloroethane	ND	0.203		µg/L	1	3/28/2014 4:00:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	3/28/2014 4:00:00 PM
Tetrachloroethene	74.2	0.0672		µg/L	1	3/28/2014 4:00:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	3/28/2014 4:00:00 PM
Trichloroethene	12.4	0.0870		µg/L	1	3/28/2014 4:00:00 PM
Vinyl chloride	ND	0.155		µg/L	1	3/28/2014 4:00:00 PM
Surr: 1,2-Dichloroethane-d4	96.6	85.3-116		%REC	1	3/28/2014 4:00:00 PM
Surr: 4-Bromofluorobenzene	102	88.1-120		%REC	1	3/28/2014 4:00:00 PM
Surr: Dibromofluoromethane	108	94.2-122		%REC	1	3/28/2014 4:00:00 PM
Surr: Toluene-d8	105	86.2-135		%REC	1	3/28/2014 4:00:00 PM

Lab ID: 1403211-012
Client Sample ID: MW06-032514

Collection Date: 3/25/2014 1:50:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	3/28/2014 4:35:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	3/28/2014 4:35:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	3/28/2014 4:35:00 PM
Chloroethane	ND	0.203		µg/L	1	3/28/2014 4:35:00 PM
cis-1,2-Dichloroethene	1.29	0.0660		µg/L	1	3/28/2014 4:35:00 PM
Tetrachloroethene	2.39	0.0672		µg/L	1	3/28/2014 4:35:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	3/28/2014 4:35:00 PM
Trichloroethene	7.29	0.0870		µg/L	1	3/28/2014 4:35:00 PM
Vinyl chloride	ND	0.155		µg/L	1	3/28/2014 4:35:00 PM
Surr: 1,2-Dichloroethane-d4	112	85.3-116		%REC	1	3/28/2014 4:35:00 PM
Surr: 4-Bromofluorobenzene	103	88.1-120		%REC	1	3/28/2014 4:35:00 PM
Surr: Dibromofluoromethane	108	94.2-122		%REC	1	3/28/2014 4:35:00 PM
Surr: Toluene-d8	104	86.2-135		%REC	1	3/28/2014 4:35:00 PM

QC SUMMARY REPORT

WO#: 1403211

31-Mar-14

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

TestCode: 8260_W

Sample ID: CCV MSVWS-1963	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 14315						
Client ID: CCV	Batch ID: R14315	TestNo: SW8260B		Analysis Date: 3/27/2014	SeqNo: 188356						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	59.0	1.00	60.00	0	98.3	80	120				
Vinyl chloride	64.4	1.00	60.00	0	107	80	120				

Sample ID: LCS MSVWS-1964	SampType: LCS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 14315						
Client ID: LCSW	Batch ID: R14315	TestNo: SW8260B		Analysis Date: 3/27/2014	SeqNo: 188357						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	59.8	1.00	60.00	0	99.7	61.2	135				
Trichloroethene	50.4	1.00	60.00	0	84.0	68.5	124				

Sample ID: 1403211-004AMS	SampType: MS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 14315						
Client ID: MW03-032414	Batch ID: R14315	TestNo: SW8260B		Analysis Date: 3/27/2014	SeqNo: 188358						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	6780	100	6000	0	113	47.8	165				
Trichloroethene	5710	100	6000	0	95.2	50.8	164				

Sample ID: 1403211-004AMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 14315						
Client ID: MW03-032414	Batch ID: R14315	TestNo: SW8260B		Analysis Date: 3/27/2014	SeqNo: 188359						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	6460	100	6000	0	108	47.8	165	6785	4.85	20	
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Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery

QC SUMMARY REPORT

WO#: 1403211

31-Mar-14

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

TestCode: 8260_W

Sample ID: 1403211-004AMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 14315						
Client ID: MW03-032414	Batch ID: R14315	TestNo: SW8260B		Analysis Date: 3/27/2014	SeqNo: 188359						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	5490	100	6000	0	91.5	50.8	164	5712	3.98	20	

Sample ID: MB	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 14315						
Client ID: PBW	Batch ID: R14315	TestNo: SW8260B		Analysis Date: 3/27/2014	SeqNo: 188360						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Tetrachloroethene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	104		100.0		104	85.3	116				
Surr: 4-Bromofluorobenzene	106		100.0		106	88.1	120				
Surr: Dibromofluoromethane	101		100.0		101	94.2	122				
Surr: Toluene-d8	98.8		100.0		98.8	86.2	135				

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery

QC SUMMARY REPORT

WO#: 1403211

31-Mar-14

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

TestCode: 8260_W

Sample ID: CCV MSVWS-1963	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 14315						
Client ID: CCV	Batch ID: R14315	TestNo: SW8260B		Analysis Date: 3/28/2014	SeqNo: 188386						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethane	60.7	1.00	60.00	0	101	80	120				
Vinyl chloride	54.4	1.00	60.00	0	90.7	80	120				

Sample ID: CCB	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 14315						
Client ID: CCB	Batch ID: R14315	TestNo: SW8260B		Analysis Date: 3/28/2014	SeqNo: 188387						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Tetrachloroethene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	108		100.0		108	85.3	116				
Surr: 4-Bromofluorobenzene	102		100.0		102	88.1	120				
Surr: Dibromofluoromethane	106		100.0		106	94.2	122				
Surr: Toluene-d8	99.4		100.0		99.4	86.2	135				

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit Page 3 of 3
O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery

KEY TO FLAGS

Rev. May 12, 2010

- A This sample contains a Gasoline Range Organic not identified as a specific hydrocarbon product. The result was quantified against gasoline calibration standards
- A1 This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was quantified against diesel calibration standards.
- A2 This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was quantified against a lube oil calibration standard.
- A3 The result was determined to be Non-Detect based on hydrocarbon pattern recognition. The product was carry-over from another hydrocarbon type.
- A4 The product appears to be aged or degraded diesel.
- B The blank exhibited a positive result great than the reporting limit for this compound.
- CN See Case Narrative.
- D Result is based from a dilution.
- E Result exceeds the calibration range for this compound. The result should be considered as estimate.
- F The positive result for this hydrocarbon is due to single component contamination. The product does not match any hydrocarbon in the fuels library.
- G Result may be biased high due to biogenic interferences. Clean up is recommended.
- H Sample was analyzed outside recommended holding time.
- HT At clients request, samples was analyzed outside of recommended holding time.
- J The result for this analyte is between the MDL and the PQL and should be considered as estimated concentration.
- K Diesel result is biased high due to amount of Oil contained in the sample.
- L Diesel result is biased high due to amount of Gasoline contained in the sample.
- M Oil result is biased high due to amount of Diesel contained in the sample.
- MC Sample concentration is greater than 4x the spiked value, the spiked value is considered insignificant.
- MI Result is outside control limits due to matrix interference.
- MSA Value determined by Method of Standard Addition.
- O Laboratory Control Standard (LCS) exceeded laboratory control limits, but meets CCV criteria. Data meets EPA requirements.
- Q Detection levels elevated due to sample matrix.
- R RPD control limits were exceeded.
- RF Duplicate failed due to result being at or near the method-reporting limit.
- RP Matrix spike values exceed established QC limits; post digestion spike is in control.
- S Recovery is outside control limits.
- SC Closing CCV or LCS exceeded high recovery control limits, but associated samples are non-detect. Data meets EPA requirements.
- * The result for this parameter was greater than the maximum contaminant level of the TCLP regulatory limit.

CHAIN OF CUSTODY RECORD

Specialty Analytical
 11711 SE Capps Road
 Clackamas, OR 97015
 Phone: 503-607-1331
 Fax: 503-607-1331

Contact Person/Project Manager Merideth D'Andrea
 Company MFA
 Address 400 E Mill Plain Blvd Ste 400
Vancouver WA 98660
 Phone 360 694 2691 Fax _____
 Project No. 8006.31.02 Project Name Park Laundry
 Project Site Location OR WA Other _____
 Invoice To MFA P.O. No. _____

Collected By: [Signature]
 Signature: [Signature]
 Printed: SMARLENE HARVESTER

Signature _____
 Printed _____
 Turn Around Time _____
 Normal 5-7 Business Days
 Rush _____ Specify _____

Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix
3/24/14	1415	MW001 - 032414	GW
	1440	MW021 - 032414	GW
	1600	MW002 - 032414	GW
	1616	MW003 - 032414	GW
	1720	MW004 - 032414	GW
	1745	MW005 - 032414	GW
	1745	MW005 - 032414 - DUP	GW
3/25/14	0925	MW16 - 032514	GW
	1115	MW16 - 032514	GW
	1315	MW07 - 032514	GW
	1450	MW10 - 032514	GW
	1350	MW06 - 032514	GW

Relinquished By: [Signature] Date 3/25 Time 17:35
 Company: MFA

Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.
 Samples held beyond 60 days subject to storage fee(s)

No. of Containers	Analyses						Relinquished By: <u>[Signature]</u> Company: _____	Date	Time
	1,1-DCB	CIS-1,2-DCB	PCE	Trans-1,2-DCB	TCE	Vinyl Chloride			
5	X	X	X	X	X	X	1,2-DCA	2/26/14	1341
5	X	X	X	X	X	X	1,1-DCA		
5	X	X	X	X	X	X	Chloroethane		
5	X	X	X	X	X	X			
5	X	X	X	X	X	X			
5	X	X	X	X	X	X			
5	X	X	X	X	X	X			
5	X	X	X	X	X	X			
5	X	X	X	X	X	X			
5	X	X	X	X	X	X			
5	X	X	X	X	X	X			
5	X	X	X	X	X	X			
5	X	X	X	X	X	X			
5	X	X	X	X	X	X			
5	X	X	X	X	X	X			
5	X	X	X	X	X	X			

For Laboratory Use
 Lab Job No. 140321
 Shipped Via Specialty
 Air Bill No. _____
 Temperature On Receipt 6 °C
 Specialty Analytical Containers? Y/N
 Specialty Analytical Trip Blanks? Y/N

Comments _____
 Lab I.D. _____
 Relinquished By: [Signature]
 Company: _____
 Date: 2/26/14
 Time: 1341
 Received For Lab By: [Signature]
 Date: 2/26/14
 Time: 1341



Specialty Analytical

11711 SE Capps Road, Ste B
Clackamas, Oregon 97015
TEL: 503-607-1331 FAX: 503-607-1336
Website: www.specialtyanalytical.com

April 08, 2014

Merideth D'Andrea
Maul Foster & Alongi
400 E. Mill Plain Blvd.
Suite 400
Vancouver, WA 98660
TEL: (360) 694-2691
FAX (360) 906-1958
RE: Park Laundry / 8006.31.02

Dear Merideth D'Andrea:

Order No.: 1403255

Specialty Analytical received 10 sample(s) on 3/28/2014 for the analyses presented in the following report.

There were no problems with the analysis and all data for associated QC met EPA or laboratory specifications, except where noted in the Case Narrative, or as qualified with flags. Results apply only to the samples analyzed. Without approval of the laboratory, the reproduction of this report is only permitted in its entirety.

If you have any questions regarding these tests, please feel free to call.

Sincerely,

A handwritten signature in black ink, appearing to read "Marty French". The signature is stylized and cursive.

Marty French
Lab Director

Case Narrative

WO#: 1403255

Date: 4/8/2014

Specialty Analytical

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

No volume was provided to run a Trip Blank.

Specialty Analytical

Date Reported: 08-Apr-14

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1403255

Lab ID: 1403255-001
Client Sample ID: MW19-032714

Collection Date: 3/27/2014 9:25:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	3/31/2014 2:39:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	3/31/2014 2:39:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	3/31/2014 2:39:00 PM
Chloroethane	ND	0.203		µg/L	1	3/31/2014 2:39:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	3/31/2014 2:39:00 PM
Tetrachloroethene	1.03	0.0672		µg/L	1	3/31/2014 2:39:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	3/31/2014 2:39:00 PM
Trichloroethene	0.280	0.0870	J	µg/L	1	3/31/2014 2:39:00 PM
Vinyl chloride	ND	0.155		µg/L	1	3/31/2014 2:39:00 PM
Surr: 1,2-Dichloroethane-d4	105	85.3-116		%REC	1	3/31/2014 2:39:00 PM
Surr: 4-Bromofluorobenzene	103	88.1-120		%REC	1	3/31/2014 2:39:00 PM
Surr: Dibromofluoromethane	110	94.2-122		%REC	1	3/31/2014 2:39:00 PM
Surr: Toluene-d8	101	86.2-135		%REC	1	3/31/2014 2:39:00 PM

Lab ID: 1403255-002
Client Sample ID: MW08-032714

Collection Date: 3/27/2014 11:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	3/31/2014 3:14:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	3/31/2014 3:14:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	3/31/2014 3:14:00 PM
Chloroethane	ND	0.203		µg/L	1	3/31/2014 3:14:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	3/31/2014 3:14:00 PM
Tetrachloroethene	0.230	0.0672	J	µg/L	1	3/31/2014 3:14:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	3/31/2014 3:14:00 PM
Trichloroethene	ND	0.0870		µg/L	1	3/31/2014 3:14:00 PM
Vinyl chloride	ND	0.155		µg/L	1	3/31/2014 3:14:00 PM
Surr: 1,2-Dichloroethane-d4	104	85.3-116		%REC	1	3/31/2014 3:14:00 PM
Surr: 4-Bromofluorobenzene	102	88.1-120		%REC	1	3/31/2014 3:14:00 PM
Surr: Dibromofluoromethane	101	94.2-122		%REC	1	3/31/2014 3:14:00 PM
Surr: Toluene-d8	104	86.2-135		%REC	1	3/31/2014 3:14:00 PM

Specialty Analytical

Date Reported: 08-Apr-14

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1403255

Lab ID: 1403255-003
Client Sample ID: MW20-032714

Collection Date: 3/27/2014 1:15:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	3/31/2014 3:49:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	3/31/2014 3:49:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	3/31/2014 3:49:00 PM
Chloroethane	ND	0.203		µg/L	1	3/31/2014 3:49:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	3/31/2014 3:49:00 PM
Tetrachloroethene	0.190	0.0672	J	µg/L	1	3/31/2014 3:49:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	3/31/2014 3:49:00 PM
Trichloroethene	ND	0.0870		µg/L	1	3/31/2014 3:49:00 PM
Vinyl chloride	ND	0.155		µg/L	1	3/31/2014 3:49:00 PM
Surr: 1,2-Dichloroethane-d4	106	85.3-116		%REC	1	3/31/2014 3:49:00 PM
Surr: 4-Bromofluorobenzene	101	88.1-120		%REC	1	3/31/2014 3:49:00 PM
Surr: Dibromofluoromethane	108	94.2-122		%REC	1	3/31/2014 3:49:00 PM
Surr: Toluene-d8	104	86.2-135		%REC	1	3/31/2014 3:49:00 PM

Lab ID: 1403255-004
Client Sample ID: MW18-032714

Collection Date: 3/27/2014 12:40:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	3/31/2014 4:23:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	3/31/2014 4:23:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	3/31/2014 4:23:00 PM
Chloroethane	ND	0.203		µg/L	1	3/31/2014 4:23:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	3/31/2014 4:23:00 PM
Tetrachloroethene	0.210	0.0672	J	µg/L	1	3/31/2014 4:23:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	3/31/2014 4:23:00 PM
Trichloroethene	ND	0.0870		µg/L	1	3/31/2014 4:23:00 PM
Vinyl chloride	ND	0.155		µg/L	1	3/31/2014 4:23:00 PM
Surr: 1,2-Dichloroethane-d4	105	85.3-116		%REC	1	3/31/2014 4:23:00 PM
Surr: 4-Bromofluorobenzene	99.8	88.1-120		%REC	1	3/31/2014 4:23:00 PM
Surr: Dibromofluoromethane	106	94.2-122		%REC	1	3/31/2014 4:23:00 PM
Surr: Toluene-d8	105	86.2-135		%REC	1	3/31/2014 4:23:00 PM

Specialty Analytical

Date Reported: 08-Apr-14

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1403255

Lab ID: 1403255-005
Client Sample ID: MW17-032714

Collection Date: 3/27/2014 1:15:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	3/31/2014 4:58:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	3/31/2014 4:58:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	3/31/2014 4:58:00 PM
Chloroethane	ND	0.203		µg/L	1	3/31/2014 4:58:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	3/31/2014 4:58:00 PM
Tetrachloroethene	ND	0.0672		µg/L	1	3/31/2014 4:58:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	3/31/2014 4:58:00 PM
Trichloroethene	ND	0.0870		µg/L	1	3/31/2014 4:58:00 PM
Vinyl chloride	ND	0.155		µg/L	1	3/31/2014 4:58:00 PM
Surr: 1,2-Dichloroethane-d4	112	85.3-116		%REC	1	3/31/2014 4:58:00 PM
Surr: 4-Bromofluorobenzene	102	88.1-120		%REC	1	3/31/2014 4:58:00 PM
Surr: Dibromofluoromethane	105	94.2-122		%REC	1	3/31/2014 4:58:00 PM
Surr: Toluene-d8	106	86.2-135		%REC	1	3/31/2014 4:58:00 PM

Lab ID: 1403255-006
Client Sample ID: MW14-032714

Collection Date: 3/27/2014 3:10:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	3/31/2014 5:32:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	3/31/2014 5:32:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	3/31/2014 5:32:00 PM
Chloroethane	ND	0.203		µg/L	1	3/31/2014 5:32:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	3/31/2014 5:32:00 PM
Tetrachloroethene	1.12	0.0672		µg/L	1	3/31/2014 5:32:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	3/31/2014 5:32:00 PM
Trichloroethene	0.520	0.0870	J	µg/L	1	3/31/2014 5:32:00 PM
Vinyl chloride	ND	0.155		µg/L	1	3/31/2014 5:32:00 PM
Surr: 1,2-Dichloroethane-d4	109	85.3-116		%REC	1	3/31/2014 5:32:00 PM
Surr: 4-Bromofluorobenzene	101	88.1-120		%REC	1	3/31/2014 5:32:00 PM
Surr: Dibromofluoromethane	102	94.2-122		%REC	1	3/31/2014 5:32:00 PM
Surr: Toluene-d8	106	86.2-135		%REC	1	3/31/2014 5:32:00 PM

Specialty Analytical

Date Reported: 08-Apr-14

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1403255

Lab ID: 1403255-007
Client Sample ID: MW09-032714

Collection Date: 3/27/2014 3:25:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	3/31/2014 6:07:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	3/31/2014 6:07:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	3/31/2014 6:07:00 PM
Chloroethane	ND	0.203		µg/L	1	3/31/2014 6:07:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	3/31/2014 6:07:00 PM
Tetrachloroethene	9.12	0.0672		µg/L	1	3/31/2014 6:07:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	3/31/2014 6:07:00 PM
Trichloroethene	18.3	0.0870		µg/L	1	3/31/2014 6:07:00 PM
Vinyl chloride	ND	0.155		µg/L	1	3/31/2014 6:07:00 PM
Surr: 1,2-Dichloroethane-d4	103	85.3-116		%REC	1	3/31/2014 6:07:00 PM
Surr: 4-Bromofluorobenzene	103	88.1-120		%REC	1	3/31/2014 6:07:00 PM
Surr: Dibromofluoromethane	111	94.2-122		%REC	1	3/31/2014 6:07:00 PM
Surr: Toluene-d8	104	86.2-135		%REC	1	3/31/2014 6:07:00 PM

Lab ID: 1403255-008
Client Sample ID: MW11-032714

Collection Date: 3/27/2014 5:40:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	3/31/2014 6:42:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	3/31/2014 6:42:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	3/31/2014 6:42:00 PM
Chloroethane	ND	0.203		µg/L	1	3/31/2014 6:42:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	3/31/2014 6:42:00 PM
Tetrachloroethene	27.1	0.0672		µg/L	1	3/31/2014 6:42:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	3/31/2014 6:42:00 PM
Trichloroethene	2.58	0.0870		µg/L	1	3/31/2014 6:42:00 PM
Vinyl chloride	ND	0.155		µg/L	1	3/31/2014 6:42:00 PM
Surr: 1,2-Dichloroethane-d4	108	85.3-116		%REC	1	3/31/2014 6:42:00 PM
Surr: 4-Bromofluorobenzene	103	88.1-120		%REC	1	3/31/2014 6:42:00 PM
Surr: Dibromofluoromethane	108	94.2-122		%REC	1	3/31/2014 6:42:00 PM
Surr: Toluene-d8	105	86.2-135		%REC	1	3/31/2014 6:42:00 PM

Specialty Analytical

Date Reported: 08-Apr-14

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

Lab Order: 1403255

Lab ID: 1403255-009
Client Sample ID: MW13-032714

Collection Date: 3/27/2014 5:48:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: CK
1,1-Dichloroethane	ND	0.0851		µg/L	1	3/31/2014 7:16:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	3/31/2014 7:16:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	3/31/2014 7:16:00 PM
Chloroethane	ND	0.203		µg/L	1	3/31/2014 7:16:00 PM
cis-1,2-Dichloroethene	0.340	0.0660	J	µg/L	1	3/31/2014 7:16:00 PM
Tetrachloroethene	259	0.672		µg/L	10	3/31/2014 2:05:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	3/31/2014 7:16:00 PM
Trichloroethene	25.6	0.0870		µg/L	1	3/31/2014 7:16:00 PM
Vinyl chloride	ND	0.155		µg/L	1	3/31/2014 7:16:00 PM
Surr: 1,2-Dichloroethane-d4	105	85.3-116		%REC	1	3/31/2014 7:16:00 PM
Surr: 4-Bromofluorobenzene	104	88.1-120		%REC	1	3/31/2014 7:16:00 PM
Surr: Dibromofluoromethane	104	94.2-122		%REC	1	3/31/2014 7:16:00 PM
Surr: Toluene-d8	105	86.2-135		%REC	1	3/31/2014 7:16:00 PM

QC SUMMARY REPORT

WO#: 1403255

08-Apr-14

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

TestCode: 8260_W

Sample ID: CCV MSVWS-1963	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 14348						
Client ID: CCV	Batch ID: R14348	TestNo: SW8260B		Analysis Date: 3/31/2014	SeqNo: 188763						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	59.2	1.00	60.00	0	98.7	80	120				
Vinyl chloride	54.3	1.00	60.00	0	90.5	80	120				

Sample ID: LCS MSVWS-1964	SampType: LCS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 14348						
Client ID: LCSW	Batch ID: R14348	TestNo: SW8260B		Analysis Date: 3/31/2014	SeqNo: 188798						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	65.8	1.00	60.00	0	110	61.2	135				
Trichloroethene	52.7	1.00	60.00	0	87.8	68.5	124				

Sample ID: 1403255-009AMS	SampType: MS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 14348						
Client ID: MW13-032714	Batch ID: R14348	TestNo: SW8260B		Analysis Date: 3/31/2014	SeqNo: 188799						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	45.9	1.00	40.00	0	115	47.8	165				
Trichloroethene	71.0	1.00	40.00	25.57	114	50.8	164				

Sample ID: 1403255-009AMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 14348						
Client ID: MW13-032714	Batch ID: R14348	TestNo: SW8260B		Analysis Date: 3/31/2014	SeqNo: 188800						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	44.7	1.00	40.00	0	112	47.8	165	45.86	2.63	20	
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Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery

QC SUMMARY REPORT

WO#: 1403255

08-Apr-14

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.02

TestCode: 8260_W

Sample ID: 1403255-009AMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 14348						
Client ID: MW13-032714	Batch ID: R14348	TestNo: SW8260B		Analysis Date: 3/31/2014	SeqNo: 188800						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	72.5	1.00	40.00	25.57	117	50.8	164	70.99	2.15	20	

Sample ID: MB	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 14348						
Client ID: PBW	Batch ID: R14348	TestNo: SW8260B		Analysis Date: 3/31/2014	SeqNo: 188832						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Tetrachloroethene	0.480	1.00									J
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	104		100.0		104	85.3	116				
Surr: 4-Bromofluorobenzene	102		100.0		102	88.1	120				
Surr: Dibromofluoromethane	105		100.0		105	94.2	122				
Surr: Toluene-d8	97.4		100.0		97.4	86.2	135				

Qualifiers: B Analyte detected in the associated Method Blank
 O RSD is greater than RSDlimit

H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits

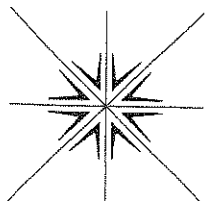
ND Not Detected at the Reporting Limit
 S Spike Recovery outside accepted recovery

KEY TO FLAGS

Rev. May 12, 2010

- A This sample contains a Gasoline Range Organic not identified as a specific hydrocarbon product. The result was quantified against gasoline calibration standards
- A1 This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was quantified against diesel calibration standards.
- A2 This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was quantified against a lube oil calibration standard.
- A3 The result was determined to be Non-Detect based on hydrocarbon pattern recognition. The product was carry-over from another hydrocarbon type.
- A4 The product appears to be aged or degraded diesel.
- B The blank exhibited a positive result great than the reporting limit for this compound.
- CN See Case Narrative.
- D Result is based from a dilution.
- E Result exceeds the calibration range for this compound. The result should be considered as estimate.
- F The positive result for this hydrocarbon is due to single component contamination. The product does not match any hydrocarbon in the fuels library.
- G Result may be biased high due to biogenic interferences. Clean up is recommended.
- H Sample was analyzed outside recommended holding time.
- HT At clients request, samples was analyzed outside of recommended holding time.
- J The result for this analyte is between the MDL and the PQL and should be considered as estimated concentration.
- K Diesel result is biased high due to amount of Oil contained in the sample.
- L Diesel result is biased high due to amount of Gasoline contained in the sample.
- M Oil result is biased high due to amount of Diesel contained in the sample.
- MC Sample concentration is greater than 4x the spiked value, the spiked value is considered insignificant.
- MI Result is outside control limits due to matrix interference.
- MSA Value determined by Method of Standard Addition.
- O Laboratory Control Standard (LCS) exceeded laboratory control limits, but meets CCV criteria. Data meets EPA requirements.
- Q Detection levels elevated due to sample matrix.
- R RPD control limits were exceeded.
- RF Duplicate failed due to result being at or near the method-reporting limit.
- RP Matrix spike values exceed established QC limits; post digestion spike is in control.
- S Recovery is outside control limits.
- SC Closing CCV or LCS exceeded high recovery control limits, but associated samples are non-detect. Data meets EPA requirements.
- * The result for this parameter was greater than the maximum contaminant level of the TCLP regulatory limit.

CHAIN OF CUSTODY RECORD



Specialty Analytical
 11711 SE Capps Road
 Clackamas, OR 97015
 Phone: 503-607-1331
 Fax: 503-607-1336

Collected By: [Signature]
 Signature: SHARLENE HARVESTER
 Printed: SHARLENE HARVESTER

Signature: _____
 Printed: _____
 Turn Around Time _____
 Normal 5-7 Business Days
 Rush _____ Specify _____
 Rush Analyses Must Be Scheduled With The Lab In Advance

Contact Person/Project Manager: Merideth D'Andrea
 Company: MFA
 Address: 400 E Mill Park Blvd
Vancouver WA 98660
 Phone: 360 694 2191 Fax: _____
 Project No: 8006-3102 Project Name: Park Laundry
 Project Site Location OR WA Other _____
 Invoice To: MFA P.O. No. _____

Date	Time	Sample I.D.	Matrix	Analyses										No. of Containers	For Laboratory Use	
				CIS-1,2-DCE	PCB	Trans-1,2-DCE	TCE	Vinyl Chloride	1,1-DCA	1,2-DCA	Chloroethane	Comments	Lab I.D.			
3/27/14	0925	MW19-032714	GW	X	X	X	X	X	X	X	X	X	X	1403255		
	1130	MW08-032714	GW	X	X	X	X	X	X	X	X	X	X	Specialty		
	1315	MW20-032714	GW	X	X	X	X	X	X	X	X	X	X			
	12:40	MW18-032714	GW	X	X	X	X	X	X	X	X	X	X			
	1315	MW17-032714	GW	X	X	X	X	X	X	X	X	X	X			
	1510	MW14-032714	GW	X	X	X	X	X	X	X	X	X	X			
	1525	MW09-032714	GW	X	X	X	X	X	X	X	X	X	X			
	1740	MW11-032714	GW	X	X	X	X	X	X	X	X	X	X			
	1748	MW13-032714	GW	X	X	X	X	X	X	X	X	X	X			
3/27/14	-	Trip Blank	W	X	X	X	X	X	X	X	X	X	X			
Relinquished By: <u>Sharon Harvester</u>				Received By: <u>[Signature]</u>		Company: <u>MFA</u>		Company: <u>[Signature]</u>		Date: <u>3/28/14</u>		Date: <u>28 March 1345</u>		Time: _____		
Company: <u>MFA</u>				Received For Lab By: _____		Date: _____		Date: _____		Time: _____		Time: _____		Time: _____		

Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.
 Samples held beyond 60 days subject to storage fees(s)



Specialty Analytical

11711 SE Capps Road, Ste B
Clackamas, Oregon 97015
TEL: 503-607-1331 FAX: 503-607-1336
Website: www.specialtyanalytical.com

July 15, 2014

Merideth D'Andrea
Maul Foster & Alongi
400 E. Mill Plain Blvd.
Suite 400
Vancouver, WA 98660
TEL: (360) 694-2691
FAX (360) 906-1958
RE: Park Laundry / 8006.31.05

Dear Merideth D'Andrea:

Order No.: 1406215

Specialty Analytical received 15 sample(s) on 6/25/2014 for the analyses presented in the following report.

There were no problems with the analysis and all data for associated QC met EPA or laboratory specifications, except where noted in the Case Narrative, or as qualified with flags. Results apply only to the samples analyzed. Without approval of the laboratory, the reproduction of this report is only permitted in its entirety.

If you have any questions regarding these tests, please feel free to call.

Sincerely,

A handwritten signature in black ink, appearing to read "Marty French". The signature is cursive and somewhat stylized.

Marty French
Lab Director

Case Narrative

WO#: 1406215

Date: 7/15/2014

Specialty Analytical

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

Due to laboratory error Specialty Analytical sample 1406215-010 - 1406215-015 were analyzed outside recommended holding time.

Specialty Analytical

Date Reported: 15-Jul-14

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

Lab Order: 1406215

Lab ID: 1406215-001
Client Sample ID: MW03-062314

Collection Date: 6/23/2014 1:01:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	6/28/2014 2:06:00 AM
1,1-Dichloroethene	ND	0.0964		µg/L	1	6/28/2014 2:06:00 AM
1,2-Dichloroethane	ND	0.0870		µg/L	1	6/28/2014 2:06:00 AM
Chloroethane	ND	0.203		µg/L	1	6/28/2014 2:06:00 AM
cis-1,2-Dichloroethene	0.240	0.0660	J	µg/L	1	6/28/2014 2:06:00 AM
Tetrachloroethene	6650	6.72		µg/L	100	6/27/2014 7:28:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	6/28/2014 2:06:00 AM
Trichloroethene	2.81	0.0870		µg/L	1	6/28/2014 2:06:00 AM
Vinyl chloride	ND	0.155		µg/L	1	6/28/2014 2:06:00 AM
Surr: 1,2-Dichloroethane-d4	114	85.3-116		%REC	1	6/28/2014 2:06:00 AM
Surr: 4-Bromofluorobenzene	98.6	88.1-120		%REC	1	6/28/2014 2:06:00 AM
Surr: Dibromofluoromethane	109	94.2-122		%REC	1	6/28/2014 2:06:00 AM
Surr: Toluene-d8	98.7	86.2-135		%REC	1	6/28/2014 2:06:00 AM

Lab ID: 1406215-002
Client Sample ID: MW05-062314

Collection Date: 6/23/2014 5:38:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	6/28/2014 12:54:00 AM
1,1-Dichloroethene	ND	0.0964		µg/L	1	6/28/2014 12:54:00 AM
1,2-Dichloroethane	ND	0.0870		µg/L	1	6/28/2014 12:54:00 AM
Chloroethane	ND	0.203		µg/L	1	6/28/2014 12:54:00 AM
cis-1,2-Dichloroethene	0.160	0.0660	J	µg/L	1	6/28/2014 12:54:00 AM
Tetrachloroethene	1220	3.36		µg/L	50	6/27/2014 8:05:00 PM
trans-1,2-Dichloroethene	0.200	0.0830	J	µg/L	1	6/28/2014 12:54:00 AM
Trichloroethene	3.66	0.0870		µg/L	1	6/28/2014 12:54:00 AM
Vinyl chloride	ND	0.155		µg/L	1	6/28/2014 12:54:00 AM
Surr: 1,2-Dichloroethane-d4	105	85.3-116		%REC	1	6/28/2014 12:54:00 AM
Surr: 4-Bromofluorobenzene	99.4	88.1-120		%REC	1	6/28/2014 12:54:00 AM
Surr: Dibromofluoromethane	110	94.2-122		%REC	1	6/28/2014 12:54:00 AM
Surr: Toluene-d8	97.4	86.2-135		%REC	1	6/28/2014 12:54:00 AM

Specialty Analytical

Date Reported: 15-Jul-14

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

Lab Order: 1406215

Lab ID: 1406215-003
Client Sample ID: MW05-062314-DUP

Collection Date: 6/23/2014 5:38:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	6/28/2014 1:29:00 AM
1,1-Dichloroethene	ND	0.0964		µg/L	1	6/28/2014 1:29:00 AM
1,2-Dichloroethane	ND	0.0870		µg/L	1	6/28/2014 1:29:00 AM
Chloroethane	ND	0.203		µg/L	1	6/28/2014 1:29:00 AM
cis-1,2-Dichloroethene	0.220	0.0660	J	µg/L	1	6/28/2014 1:29:00 AM
Tetrachloroethene	1300	3.36		µg/L	50	6/27/2014 8:41:00 PM
trans-1,2-Dichloroethene	0.240	0.0830	J	µg/L	1	6/28/2014 1:29:00 AM
Trichloroethene	3.89	0.0870		µg/L	1	6/28/2014 1:29:00 AM
Vinyl chloride	ND	0.155		µg/L	1	6/28/2014 1:29:00 AM
Surr: 1,2-Dichloroethane-d4	105	85.3-116		%REC	1	6/28/2014 1:29:00 AM
Surr: 4-Bromofluorobenzene	99.9	88.1-120		%REC	1	6/28/2014 1:29:00 AM
Surr: Dibromofluoromethane	110	94.2-122		%REC	1	6/28/2014 1:29:00 AM
Surr: Toluene-d8	97.4	86.2-135		%REC	1	6/28/2014 1:29:00 AM

Lab ID: 1406215-004
Client Sample ID: MW06-062314

Collection Date: 6/23/2014 4:20:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	6/27/2014 9:53:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	6/27/2014 9:53:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	6/27/2014 9:53:00 PM
Chloroethane	ND	0.203		µg/L	1	6/27/2014 9:53:00 PM
cis-1,2-Dichloroethene	1.61	0.0660		µg/L	1	6/27/2014 9:53:00 PM
Tetrachloroethene	2.77	0.0672		µg/L	1	6/27/2014 9:53:00 PM
trans-1,2-Dichloroethene	0.340	0.0830	J	µg/L	1	6/27/2014 9:53:00 PM
Trichloroethene	8.94	0.0870		µg/L	1	6/27/2014 9:53:00 PM
Vinyl chloride	ND	0.155		µg/L	1	6/27/2014 9:53:00 PM
Surr: 1,2-Dichloroethane-d4	101	85.3-116		%REC	1	6/27/2014 9:53:00 PM
Surr: 4-Bromofluorobenzene	96.6	88.1-120		%REC	1	6/27/2014 9:53:00 PM
Surr: Dibromofluoromethane	115	94.2-122		%REC	1	6/27/2014 9:53:00 PM
Surr: Toluene-d8	105	86.2-135		%REC	1	6/27/2014 9:53:00 PM

Specialty Analytical

Date Reported: 15-Jul-14

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

Lab Order: 1406215

Lab ID: 1406215-005
Client Sample ID: MW16-062414

Collection Date: 6/24/2014 3:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	6/27/2014 10:29:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	6/27/2014 10:29:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	6/27/2014 10:29:00 PM
Chloroethane	ND	0.203		µg/L	1	6/27/2014 10:29:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	6/27/2014 10:29:00 PM
Tetrachloroethene	9.79	0.0672		µg/L	1	6/27/2014 10:29:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	6/27/2014 10:29:00 PM
Trichloroethene	1.17	0.0870		µg/L	1	6/27/2014 10:29:00 PM
Vinyl chloride	ND	0.155		µg/L	1	6/27/2014 10:29:00 PM
Surr: 1,2-Dichloroethane-d4	102	85.3-116		%REC	1	6/27/2014 10:29:00 PM
Surr: 4-Bromofluorobenzene	96.9	88.1-120		%REC	1	6/27/2014 10:29:00 PM
Surr: Dibromofluoromethane	113	94.2-122		%REC	1	6/27/2014 10:29:00 PM
Surr: Toluene-d8	104	86.2-135		%REC	1	6/27/2014 10:29:00 PM

Lab ID: 1406215-006
Client Sample ID: MW21-062314

Collection Date: 6/23/2014 11:55:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	6/27/2014 11:05:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	6/27/2014 11:05:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	6/27/2014 11:05:00 PM
Chloroethane	ND	0.203		µg/L	1	6/27/2014 11:05:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	6/27/2014 11:05:00 PM
Tetrachloroethene	75.8	0.0672		µg/L	1	6/27/2014 11:05:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	6/27/2014 11:05:00 PM
Trichloroethene	ND	0.0870		µg/L	1	6/27/2014 11:05:00 PM
Vinyl chloride	ND	0.155		µg/L	1	6/27/2014 11:05:00 PM
Surr: 1,2-Dichloroethane-d4	115	85.3-116		%REC	1	6/27/2014 11:05:00 PM
Surr: 4-Bromofluorobenzene	96.5	88.1-120		%REC	1	6/27/2014 11:05:00 PM
Surr: Dibromofluoromethane	109	94.2-122		%REC	1	6/27/2014 11:05:00 PM
Surr: Toluene-d8	103	86.2-135		%REC	1	6/27/2014 11:05:00 PM

Specialty Analytical

Date Reported: 15-Jul-14

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

Lab Order: 1406215

Lab ID: 1406215-007
Client Sample ID: MW07-062414

Collection Date: 6/24/2014 11:16:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	6/27/2014 11:42:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	6/27/2014 11:42:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	6/27/2014 11:42:00 PM
Chloroethane	ND	0.203		µg/L	1	6/27/2014 11:42:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	6/27/2014 11:42:00 PM
Tetrachloroethene	3.12	0.0672		µg/L	1	6/27/2014 11:42:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	6/27/2014 11:42:00 PM
Trichloroethene	ND	0.0870		µg/L	1	6/27/2014 11:42:00 PM
Vinyl chloride	ND	0.155		µg/L	1	6/27/2014 11:42:00 PM
Surr: 1,2-Dichloroethane-d4	107	85.3-116		%REC	1	6/27/2014 11:42:00 PM
Surr: 4-Bromofluorobenzene	97.6	88.1-120		%REC	1	6/27/2014 11:42:00 PM
Surr: Dibromofluoromethane	114	94.2-122		%REC	1	6/27/2014 11:42:00 PM
Surr: Toluene-d8	104	86.2-135		%REC	1	6/27/2014 11:42:00 PM

Lab ID: 1406215-008
Client Sample ID: MW10-062414

Collection Date: 6/24/2014 11:59:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	6/27/2014 9:17:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	6/27/2014 9:17:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	6/27/2014 9:17:00 PM
Chloroethane	ND	0.203		µg/L	1	6/27/2014 9:17:00 PM
cis-1,2-Dichloroethene	0.180	0.0660	J	µg/L	1	6/27/2014 9:17:00 PM
Tetrachloroethene	83.6	0.0672		µg/L	1	6/27/2014 9:17:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	6/27/2014 9:17:00 PM
Trichloroethene	41.0	0.0870		µg/L	1	6/27/2014 9:17:00 PM
Vinyl chloride	ND	0.155		µg/L	1	6/27/2014 9:17:00 PM
Surr: 1,2-Dichloroethane-d4	101	85.3-116		%REC	1	6/27/2014 9:17:00 PM
Surr: 4-Bromofluorobenzene	96.5	88.1-120		%REC	1	6/27/2014 9:17:00 PM
Surr: Dibromofluoromethane	113	94.2-122		%REC	1	6/27/2014 9:17:00 PM
Surr: Toluene-d8	100	86.2-135		%REC	1	6/27/2014 9:17:00 PM

Specialty Analytical

Date Reported: 15-Jul-14

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

Lab Order: 1406215

Lab ID: 1406215-009
Client Sample ID: MW11-062414

Collection Date: 6/24/2014 9:20:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	6/28/2014 12:18:00 AM
1,1-Dichloroethene	ND	0.0964		µg/L	1	6/28/2014 12:18:00 AM
1,2-Dichloroethane	ND	0.0870		µg/L	1	6/28/2014 12:18:00 AM
Chloroethane	ND	0.203		µg/L	1	6/28/2014 12:18:00 AM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	6/28/2014 12:18:00 AM
Tetrachloroethene	22.0	0.0672		µg/L	1	6/28/2014 12:18:00 AM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	6/28/2014 12:18:00 AM
Trichloroethene	1.33	0.0870		µg/L	1	6/28/2014 12:18:00 AM
Vinyl chloride	ND	0.155		µg/L	1	6/28/2014 12:18:00 AM
Surr: 1,2-Dichloroethane-d4	106	85.3-116		%REC	1	6/28/2014 12:18:00 AM
Surr: 4-Bromofluorobenzene	100	88.1-120		%REC	1	6/28/2014 12:18:00 AM
Surr: Dibromofluoromethane	113	94.2-122		%REC	1	6/28/2014 12:18:00 AM
Surr: Toluene-d8	102	86.2-135		%REC	1	6/28/2014 12:18:00 AM

Lab ID: 1406215-010
Client Sample ID: MW13-062414

Collection Date: 6/24/2014 9:28:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	H	µg/L	1	7/14/2014 5:40:00 PM
1,1-Dichloroethene	ND	0.0964	H	µg/L	1	7/14/2014 5:40:00 PM
1,2-Dichloroethane	ND	0.0870	H	µg/L	1	7/14/2014 5:40:00 PM
Chloroethane	ND	0.203	H	µg/L	1	7/14/2014 5:40:00 PM
cis-1,2-Dichloroethene	1.34	0.0660	H	µg/L	1	7/14/2014 5:40:00 PM
Tetrachloroethene	159	0.0672	H	µg/L	1	7/14/2014 5:40:00 PM
trans-1,2-Dichloroethene	0.420	0.0830	JH	µg/L	1	7/14/2014 5:40:00 PM
Trichloroethene	53.2	0.0870	H	µg/L	1	7/14/2014 5:40:00 PM
Vinyl chloride	ND	0.155	H	µg/L	1	7/14/2014 5:40:00 PM
Surr: 1,2-Dichloroethane-d4	89.1	85.3-116	H	%REC	1	7/14/2014 5:40:00 PM
Surr: 4-Bromofluorobenzene	98.3	88.1-120	H	%REC	1	7/14/2014 5:40:00 PM
Surr: Dibromofluoromethane	94.4	94.2-122	H	%REC	1	7/14/2014 5:40:00 PM
Surr: Toluene-d8	97.3	86.2-135	H	%REC	1	7/14/2014 5:40:00 PM

Specialty Analytical

Date Reported: 15-Jul-14

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

Lab Order: 1406215

Lab ID: 1406215-011
Client Sample ID: MW18-062414

Collection Date: 6/24/2014 6:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	H	µg/L	1	7/14/2014 6:16:00 PM
1,1-Dichloroethene	ND	0.0964	H	µg/L	1	7/14/2014 6:16:00 PM
1,2-Dichloroethane	ND	0.0870	H	µg/L	1	7/14/2014 6:16:00 PM
Chloroethane	ND	0.203	H	µg/L	1	7/14/2014 6:16:00 PM
cis-1,2-Dichloroethene	ND	0.0660	H	µg/L	1	7/14/2014 6:16:00 PM
Tetrachloroethene	ND	0.0672	H	µg/L	1	7/14/2014 6:16:00 PM
trans-1,2-Dichloroethene	ND	0.0830	H	µg/L	1	7/14/2014 6:16:00 PM
Trichloroethene	0.220	0.0870	JH	µg/L	1	7/14/2014 6:16:00 PM
Vinyl chloride	ND	0.155	H	µg/L	1	7/14/2014 6:16:00 PM
Surr: 1,2-Dichloroethane-d4	91.2	85.3-116	H	%REC	1	7/14/2014 6:16:00 PM
Surr: 4-Bromofluorobenzene	103	88.1-120	H	%REC	1	7/14/2014 6:16:00 PM
Surr: Dibromofluoromethane	95.5	94.2-122	H	%REC	1	7/14/2014 6:16:00 PM
Surr: Toluene-d8	100	86.2-135	H	%REC	1	7/14/2014 6:16:00 PM

Lab ID: 1406215-012
Client Sample ID: MW15-062414

Collection Date: 6/24/2014 4:55:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	H	µg/L	1	7/14/2014 6:53:00 PM
1,1-Dichloroethene	ND	0.0964	H	µg/L	1	7/14/2014 6:53:00 PM
1,2-Dichloroethane	ND	0.0870	H	µg/L	1	7/14/2014 6:53:00 PM
Chloroethane	ND	0.203	H	µg/L	1	7/14/2014 6:53:00 PM
cis-1,2-Dichloroethene	ND	0.0660	H	µg/L	1	7/14/2014 6:53:00 PM
Tetrachloroethene	10.1	0.0672	H	µg/L	1	7/14/2014 6:53:00 PM
trans-1,2-Dichloroethene	ND	0.0830	H	µg/L	1	7/14/2014 6:53:00 PM
Trichloroethene	0.450	0.0870	JH	µg/L	1	7/14/2014 6:53:00 PM
Vinyl chloride	ND	0.155	H	µg/L	1	7/14/2014 6:53:00 PM
Surr: 1,2-Dichloroethane-d4	93.2	85.3-116	H	%REC	1	7/14/2014 6:53:00 PM
Surr: 4-Bromofluorobenzene	102	88.1-120	H	%REC	1	7/14/2014 6:53:00 PM
Surr: Dibromofluoromethane	96.3	94.2-122	H	%REC	1	7/14/2014 6:53:00 PM
Surr: Toluene-d8	98.1	86.2-135	H	%REC	1	7/14/2014 6:53:00 PM

Specialty Analytical

Date Reported: 15-Jul-14

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

Lab Order: 1406215

Lab ID: 1406215-013
Client Sample ID: MW09-062514

Collection Date: 6/25/2014 9:43:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	H	µg/L	1	7/14/2014 7:29:00 PM
1,1-Dichloroethene	ND	0.0964	H	µg/L	1	7/14/2014 7:29:00 PM
1,2-Dichloroethane	ND	0.0870	H	µg/L	1	7/14/2014 7:29:00 PM
Chloroethane	ND	0.203	H	µg/L	1	7/14/2014 7:29:00 PM
cis-1,2-Dichloroethene	0.260	0.0660	JH	µg/L	1	7/14/2014 7:29:00 PM
Tetrachloroethene	32.3	0.0672	H	µg/L	1	7/14/2014 7:29:00 PM
trans-1,2-Dichloroethene	ND	0.0830	H	µg/L	1	7/14/2014 7:29:00 PM
Trichloroethene	63.1	0.0870	H	µg/L	1	7/14/2014 7:29:00 PM
Vinyl chloride	ND	0.155	H	µg/L	1	7/14/2014 7:29:00 PM
Surr: 1,2-Dichloroethane-d4	97.7	85.3-116	H	%REC	1	7/14/2014 7:29:00 PM
Surr: 4-Bromofluorobenzene	102	88.1-120	H	%REC	1	7/14/2014 7:29:00 PM
Surr: Dibromofluoromethane	98.3	94.2-122	H	%REC	1	7/14/2014 7:29:00 PM
Surr: Toluene-d8	97.7	86.2-135	H	%REC	1	7/14/2014 7:29:00 PM

Lab ID: 1406215-014
Client Sample ID: MW14-062514

Collection Date: 6/25/2014 10:56:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	H	µg/L	1	7/14/2014 8:05:00 PM
1,1-Dichloroethene	ND	0.0964	H	µg/L	1	7/14/2014 8:05:00 PM
1,2-Dichloroethane	ND	0.0870	H	µg/L	1	7/14/2014 8:05:00 PM
Chloroethane	ND	0.203	H	µg/L	1	7/14/2014 8:05:00 PM
cis-1,2-Dichloroethene	ND	0.0660	H	µg/L	1	7/14/2014 8:05:00 PM
Tetrachloroethene	0.450	0.0672	JH	µg/L	1	7/14/2014 8:05:00 PM
trans-1,2-Dichloroethene	ND	0.0830	H	µg/L	1	7/14/2014 8:05:00 PM
Trichloroethene	0.300	0.0870	JH	µg/L	1	7/14/2014 8:05:00 PM
Vinyl chloride	ND	0.155	H	µg/L	1	7/14/2014 8:05:00 PM
Surr: 1,2-Dichloroethane-d4	94.2	85.3-116	H	%REC	1	7/14/2014 8:05:00 PM
Surr: 4-Bromofluorobenzene	104	88.1-120	H	%REC	1	7/14/2014 8:05:00 PM
Surr: Dibromofluoromethane	96.8	94.2-122	H	%REC	1	7/14/2014 8:05:00 PM
Surr: Toluene-d8	101	86.2-135	H	%REC	1	7/14/2014 8:05:00 PM

Specialty Analytical

Date Reported: 15-Jul-14

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

Lab Order: 1406215

Lab ID: 1406215-015
Client Sample ID: Trip Blank_062514

Collection Date: 6/25/2014
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: CK
1,1-Dichloroethane	ND	0.0851	H	µg/L	1	7/14/2014 9:17:00 PM
1,1-Dichloroethene	ND	0.0964	H	µg/L	1	7/14/2014 9:17:00 PM
1,2-Dichloroethane	ND	0.0870	H	µg/L	1	7/14/2014 9:17:00 PM
Chloroethane	ND	0.203	H	µg/L	1	7/14/2014 9:17:00 PM
cis-1,2-Dichloroethene	ND	0.0660	H	µg/L	1	7/14/2014 9:17:00 PM
Tetrachloroethene	ND	0.0672	H	µg/L	1	7/14/2014 9:17:00 PM
trans-1,2-Dichloroethene	ND	0.0830	H	µg/L	1	7/14/2014 9:17:00 PM
Trichloroethene	ND	0.0870	H	µg/L	1	7/14/2014 9:17:00 PM
Vinyl chloride	ND	0.155	H	µg/L	1	7/14/2014 9:17:00 PM
Surr: 1,2-Dichloroethane-d4	96.5	85.3-116	H	%REC	1	7/14/2014 9:17:00 PM
Surr: 4-Bromofluorobenzene	103	88.1-120	H	%REC	1	7/14/2014 9:17:00 PM
Surr: Dibromofluoromethane	98.7	94.2-122	H	%REC	1	7/14/2014 9:17:00 PM
Surr: Toluene-d8	101	86.2-135	H	%REC	1	7/14/2014 9:17:00 PM

QC SUMMARY REPORT

WO#: 1406215

15-Jul-14

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

TestCode: 8260_W

Sample ID: CCV MSVWS-1979	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 15773						
Client ID: CCV	Batch ID: R15773	TestNo: SW8260B		Analysis Date: 6/27/2014	SeqNo: 207210						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	45.1	1.00	40.00	0	113	80	120				
Vinyl chloride	40.9	1.00	40.00	0	102	80	120				

Sample ID: LCS MSVWS-1980	SampType: LCS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 15773						
Client ID: LCSW	Batch ID: R15773	TestNo: SW8260B		Analysis Date: 6/27/2014	SeqNo: 207211						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	44.2	1.00	40.00	0	110	61.2	135				
Trichloroethene	36.7	1.00	40.00	0	91.8	68.5	124				

Sample ID: 1406215-001AMS	SampType: MS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 15773						
Client ID: MW03-062314	Batch ID: R15773	TestNo: SW8260B		Analysis Date: 6/27/2014	SeqNo: 207308						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	2190	100	2000	0	110	47.8	165				
Trichloroethene	2020	100	2000	0	101	50.8	164				

Sample ID: 1406215-001AMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 15773						
Client ID: MW03-062314	Batch ID: R15773	TestNo: SW8260B		Analysis Date: 6/27/2014	SeqNo: 207309						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	2150	100	2000	0	107	47.8	165	2194	2.17	20	
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Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery

QC SUMMARY REPORT

WO#: 1406215

15-Jul-14

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

TestCode: 8260_W

Sample ID: 1406215-001AMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 15773						
Client ID: MW03-062314	Batch ID: R15773	TestNo: SW8260B		Analysis Date: 6/27/2014	SeqNo: 207309						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	2070	100	2000	0	103	50.8	164	2016	2.50	20	

Sample ID: MB	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 15773						
Client ID: PBW	Batch ID: R15773	TestNo: SW8260B		Analysis Date: 6/27/2014	SeqNo: 207310						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Tetrachloroethene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	109		100.0		109	85.3	116				
Surr: 4-Bromofluorobenzene	92.6		100.0		92.6	88.1	120				
Surr: Dibromofluoromethane	111		100.0		111	94.2	122				
Surr: Toluene-d8	98.8		100.0		98.8	86.2	135				

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery

QC SUMMARY REPORT

WO#: 1406215

15-Jul-14

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

TestCode: 8260_W

Sample ID: CCV MSVWS-1980	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 15773						
Client ID: CCV	Batch ID: R15773	TestNo: SW8260B		Analysis Date: 7/14/2014	SeqNo: 209694						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	36.5	1.00	40.00	0	91.2	80	120				
Vinyl chloride	35.5	1.00	40.00	0	88.7	80	120				

Sample ID: LCS MSVWS-1981	SampType: LCS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 15773						
Client ID: LCSW	Batch ID: R15773	TestNo: SW8260B		Analysis Date: 7/14/2014	SeqNo: 209695						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	33.0	1.00	40.00	0	82.5	61.2	135				
Trichloroethene	40.2	1.00	40.00	0	100	68.5	124				

Sample ID: 1406215-012AMS	SampType: MS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 15773						
Client ID: MW15-062414	Batch ID: R15773	TestNo: SW8260B		Analysis Date: 7/14/2014	SeqNo: 209708						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	15.1	1.00	20.00	0	75.6	47.8	165				H
Trichloroethene	18.3	1.00	20.00	0.4500	89.2	50.8	164				H

Sample ID: 1406215-012AMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 15773						
Client ID: MW15-062414	Batch ID: R15773	TestNo: SW8260B		Analysis Date: 7/14/2014	SeqNo: 209710						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	17.4	1.00	20.00	0	86.8	47.8	165	15.13	13.7	20	H
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Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery

QC SUMMARY REPORT

WO#: 1406215

15-Jul-14

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

TestCode: 8260_W

Sample ID: 1406215-012AMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 15773						
Client ID: MW15-062414	Batch ID: R15773	TestNo: SW8260B		Analysis Date: 7/14/2014	SeqNo: 209710						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	20.6	1.00	20.00	0.4500	101	50.8	164	18.28	11.7	20	H

Sample ID: MB	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 15773						
Client ID: PBW	Batch ID: R15773	TestNo: SW8260B		Analysis Date: 7/14/2014	SeqNo: 209790						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Tetrachloroethene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	85.8		100.0		85.8	85.3	116				
Surr: 4-Bromofluorobenzene	99.2		100.0		99.2	88.1	120				
Surr: Dibromofluoromethane	95.7		100.0		95.7	94.2	122				
Surr: Toluene-d8	99.2		100.0		99.2	86.2	135				

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery

KEY TO FLAGS

Rev. May 12, 2010

- A This sample contains a Gasoline Range Organic not identified as a specific hydrocarbon product. The result was quantified against gasoline calibration standards
- A1 This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was quantified against diesel calibration standards.
- A2 This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was quantified against a lube oil calibration standard.
- A3 The result was determined to be Non-Detect based on hydrocarbon pattern recognition. The product was carry-over from another hydrocarbon type.
- A4 The product appears to be aged or degraded diesel.
- B The blank exhibited a positive result great than the reporting limit for this compound.
- CN See Case Narrative.
- D Result is based from a dilution.
- E Result exceeds the calibration range for this compound. The result should be considered as estimate.
- F The positive result for this hydrocarbon is due to single component contamination. The product does not match any hydrocarbon in the fuels library.
- G Result may be biased high due to biogenic interferences. Clean up is recommended.
- H Sample was analyzed outside recommended holding time.
- HT At clients request, samples was analyzed outside of recommended holding time.
- J The result for this analyte is between the MDL and the PQL and should be considered as estimated concentration.
- K Diesel result is biased high due to amount of Oil contained in the sample.
- L Diesel result is biased high due to amount of Gasoline contained in the sample.
- M Oil result is biased high due to amount of Diesel contained in the sample.
- MC Sample concentration is greater than 4x the spiked value, the spiked value is considered insignificant.
- MI Result is outside control limits due to matrix interference.
- MSA Value determined by Method of Standard Addition.
- O Laboratory Control Standard (LCS) exceeded laboratory control limits, but meets CCV criteria. Data meets EPA requirements.
- Q Detection levels elevated due to sample matrix.
- R RPD control limits were exceeded.
- RF Duplicate failed due to result being at or near the method-reporting limit.
- RP Matrix spike values exceed established QC limits; post digestion spike is in control.
- S Recovery is outside control limits.
- SC Closing CCV or LCS exceeded high recovery control limits, but associated samples are non-detect. Data meets EPA requirements.
- * The result for this parameter was greater than the maximum contaminant level of the TCLP regulatory limit.

CHAIN OF CUSTODY RECORD

Specialty Analytical

11711 SE Capps Road
Clackamas, OR 97015
Phone: 503-607-1331
Fax: 503-607-1336

Contact Person/Project Manager Merideth D'Andrea
Company MFA
Address 400 E Mill Plain Blvd Ste 400
Vancouver, WA 98660
Phone 360-694-2691 Fax _____
Project No. 8006, 31, 22, 05 Project Name Park Laundry
Project Site Location OR WA X Other _____
Invoice To MFA P.O. No. _____

Collected By: Shirley A. Harvester
Signature: _____
Printed: SHIRLEY HARVESTER

Signature: Emily N. Hess
Printed: EMILY N. HESS

Turn Around Time
 Normal 5-7 Business Days
 Rush _____ Specify _____

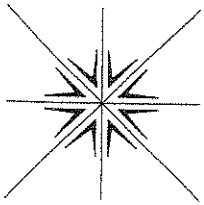
Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix	No. of Containers	C15-1,2-DCE	PCE	Trans 1,2-DCE	TCE	Vinyl Chloride	1,1-DCA	1,2-DCA	Chloroethane	Relinquished By:	Company:	Date	Time
6/23/14	13:01	MW03-062314	GW	5	X	X	X	X	X	X	X	X	MFA	MFA	6/23/14	15:00
6/23/14	17:38	MW05-062314	GW	5	X	X	X	X	X	X	X	X	MFA	MFA	6/23/14	15:00
6/23/14	17:38	MW05-062314-DUP	GW	5	X	X	X	X	X	X	X	X	MFA	MFA	6/23/14	15:00
6/23/14	16:20	MW06-062314	GW	5	X	X	X	X	X	X	X	X	MFA	MFA	6/23/14	15:00
6/24/14	15:00	MW16-062414	GW	5	X	X	X	X	X	X	X	X	MFA	MFA	6/24/14	15:00
6/23/14	11:55	MW21-062314	GW	5	X	X	X	X	X	X	X	X	MFA	MFA	6/23/14	15:00
6/24/14	11:16	MW07-062414	GW	5	X	X	X	X	X	X	X	X	MFA	MFA	6/24/14	15:00
6/24/14	11:59	MW10-062414	GW	5	X	X	X	X	X	X	X	X	MFA	MFA	6/24/14	15:00
6/24/14	9:20	MW11-062414	GW	5	X	X	X	X	X	X	X	X	MFA	MFA	6/24/14	15:00
6/24/14	9:28	MW13-062414	GW	5	X	X	X	X	X	X	X	X	MFA	MFA	6/24/14	15:00
6/24/14	18:00	MW18-062414	GW	5	X	X	X	X	X	X	X	X	MFA	MFA	6/24/14	15:00
6/24/14	16:55	MW15-062414	GW	5	X	X	X	X	X	X	X	X	MFA	MFA	6/24/14	15:00
Relinquished By: <u>Shirley A. Harvester</u>													Received By: <u>[Signature]</u>	Company: <u>MFA</u>	Date: <u>6/25</u>	Time: <u>13:55</u>
Company: <u>MFA</u>													Relinquished By: <u>[Signature]</u>	Company: <u>[Signature]</u>	Date: <u>6/25/14</u>	Time: <u>15:00</u>
Company: <u>MFA</u>													Received For Lab. By: <u>Andy Hubbard</u>	Company: <u>[Signature]</u>	Date: <u>6/25/14</u>	Time: <u>15:00</u>

Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.
Samples held beyond 60 days subject to storage fee(s)

CHAIN OF CUSTODY RECORD

Specialty Analytical
 11711 SE Capps Road
 Clackamas, OR 97015
 Phone: 503-607-1331
 Fax: 503-607-1336



Contact Person/Project Manager MARILETHA D'ANDREA
 Company MFA
 Address 400 E Mill Plain Blvd Ste 400
Wancouver WA 98660
 Phone 360-694-2691 Fax _____
 Project No. 80063105 Project Name Park Laundry
 Project Site Location OR WA X Other _____
 Invoice To MFA P.O. No. _____

Collected By: [Signature]
 Signature SHARLENE HARVESTER
 Printed SHARLENE HARVESTER

Signature _____
 Printed _____

Turn Around Time _____
 Normal 5-7 Business Days
 Rush _____ Specify _____

Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix	Analyses										No. of Containers	Received By: Company:	Relinquished By: Company:	Date	Time
				1,1-DCB	CIS-1,2-DCB	PCB	TRANS-1,2-DCB	TCE	Vinyl Chloride	1,1-DCA	1,2-DCA	Chloroethane	Comments					
6/25/14	0943	MW09-062514	GW	X	X	X	X	X	X	X	X	X	X	5	[Signature]	[Signature]	6/25/14	1500
6/25/14	1056	MW14-062514	GW	X	X	X	X	X	X	X	X	X	X	5	[Signature]	[Signature]	6/25/14	1500
6/25/14		Trip Blank	W											1	[Signature]	[Signature]	6/25/14	1500

For Laboratory Use
 Lab Job No. K00215
 Shipped Via Specialty
 Air Bill No. _____
 Temperature On Receipt A °C
 Specialty Analytical Containers? Y/N
 Specialty Analytical Trip Blanks? Y/N

Relinquished By: [Signature] Company: MFA
 Received By: [Signature] Company: Cindy Hultgard
 Date: 6/25 Time: 13:55
 Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.
 Samples held beyond 60 days subject to storage fee(s)



Specialty Analytical

11711 SE Capps Road, Ste B
Clackamas, Oregon 97015
TEL: 503-607-1331 FAX: 503-607-1336
Website: www.specialtyanalytical.com

September 23, 2014

Merideth D'Andrea
Maul Foster & Alongi
400 E. Mill Plain Blvd.
Suite 400
Vancouver, WA 98660
TEL: (503) 501-5216
FAX: (360) 906-1958
RE: Park Laundry / 8006.31.05

Dear Merideth D'Andrea:

Order No.: 1409080

Specialty Analytical received 22 sample(s) on 9/12/2014 for the analyses presented in the following report.

REVISED REPORT: Please see case narrative for information on revision.

There were no problems with the analysis and all data for associated QC met EPA or laboratory specifications, except where noted in the Case Narrative, or as qualified with flags. Results apply only to the samples analyzed. Without approval of the laboratory, the reproduction of this report is only permitted in its entirety.

If you have any questions regarding these tests, please feel free to call.

Sincerely,

A handwritten signature in black ink, appearing to read "Marty French".

Marty French
Lab Director

Case Narrative

WO#: 1409080

Date: 9/23/2014

Specialty Analytical

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

Report Revision 1.

This report has been corrected to include results between the method detection limit (MDL) and the reporting limit (RL).

Specialty Analytical

Date Reported: 23-Sep-14

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

Lab Order: 1409080

Lab ID: 1409080-001
Client Sample ID: MW01-090914

Collection Date: 9/9/2014 10:55:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	9/16/2014 6:00:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	9/16/2014 6:00:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	9/16/2014 6:00:00 PM
Chloroethane	ND	0.203		µg/L	1	9/16/2014 6:00:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	9/16/2014 6:00:00 PM
Tetrachloroethene	3.37	0.0672		µg/L	1	9/16/2014 6:00:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	9/16/2014 6:00:00 PM
Trichloroethene	0.440	0.0870	J	µg/L	1	9/16/2014 6:00:00 PM
Vinyl chloride	ND	0.155		µg/L	1	9/16/2014 6:00:00 PM
Surr: 1,2-Dichloroethane-d4	99.8	85.3-116		%REC	1	9/16/2014 6:00:00 PM
Surr: 4-Bromofluorobenzene	94.5	88.1-120		%REC	1	9/16/2014 6:00:00 PM
Surr: Dibromofluoromethane	103	94.2-122		%REC	1	9/16/2014 6:00:00 PM
Surr: Toluene-d8	101	86.2-135		%REC	1	9/16/2014 6:00:00 PM

Lab ID: 1409080-002
Client Sample ID: MW02-090914

Collection Date: 9/9/2014 11:16:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	9/16/2014 6:34:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	9/16/2014 6:34:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	9/16/2014 6:34:00 PM
Chloroethane	ND	0.203		µg/L	1	9/16/2014 6:34:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	9/16/2014 6:34:00 PM
Tetrachloroethene	4.82	0.0672		µg/L	1	9/16/2014 6:34:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	9/16/2014 6:34:00 PM
Trichloroethene	ND	0.0870		µg/L	1	9/16/2014 6:34:00 PM
Vinyl chloride	0.370	0.155	J	µg/L	1	9/16/2014 6:34:00 PM
Surr: 1,2-Dichloroethane-d4	113	85.3-116		%REC	1	9/16/2014 6:34:00 PM
Surr: 4-Bromofluorobenzene	96.5	88.1-120		%REC	1	9/16/2014 6:34:00 PM
Surr: Dibromofluoromethane	108	94.2-122		%REC	1	9/16/2014 6:34:00 PM
Surr: Toluene-d8	99.1	86.2-135		%REC	1	9/16/2014 6:34:00 PM

Specialty Analytical

Date Reported: 23-Sep-14

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

Lab Order: 1409080

Lab ID: 1409080-003 **Collection Date:** 9/9/2014 12:05:00 PM
Client Sample ID: MW21-090914 **Matrix:** GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	9/17/2014 1:21:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	9/17/2014 1:21:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	9/17/2014 1:21:00 PM
Chloroethane	ND	0.203		µg/L	1	9/17/2014 1:21:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	9/17/2014 1:21:00 PM
Tetrachloroethene	47.5	0.0672		µg/L	1	9/17/2014 1:21:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	9/17/2014 1:21:00 PM
Trichloroethene	ND	0.0870		µg/L	1	9/17/2014 1:21:00 PM
Vinyl chloride	ND	0.155		µg/L	1	9/17/2014 1:21:00 PM
Surr: 1,2-Dichloroethane-d4	103	85.3-116		%REC	1	9/17/2014 1:21:00 PM
Surr: 4-Bromofluorobenzene	110	88.1-120		%REC	1	9/17/2014 1:21:00 PM
Surr: Dibromofluoromethane	106	94.2-122		%REC	1	9/17/2014 1:21:00 PM
Surr: Toluene-d8	117	86.2-135		%REC	1	9/17/2014 1:21:00 PM

Lab ID: 1409080-004 **Collection Date:** 9/9/2014 12:28:00 PM
Client Sample ID: MW03-090914 **Matrix:** GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	9/17/2014 6:22:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	9/17/2014 6:22:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	9/17/2014 6:22:00 PM
Chloroethane	ND	0.203		µg/L	1	9/17/2014 6:22:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	9/17/2014 6:22:00 PM
Tetrachloroethene	8500	6.72		µg/L	100	9/16/2014 1:25:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	9/17/2014 6:22:00 PM
Trichloroethene	2.60	0.0870		µg/L	1	9/17/2014 6:22:00 PM
Vinyl chloride	ND	0.155		µg/L	1	9/17/2014 6:22:00 PM
Surr: 1,2-Dichloroethane-d4	100	85.3-116		%REC	1	9/17/2014 6:22:00 PM
Surr: 4-Bromofluorobenzene	91.5	88.1-120		%REC	1	9/17/2014 6:22:00 PM
Surr: Dibromofluoromethane	107	94.2-122		%REC	1	9/17/2014 6:22:00 PM
Surr: Toluene-d8	96.7	86.2-135		%REC	1	9/17/2014 6:22:00 PM

Specialty Analytical

Date Reported: 23-Sep-14

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

Lab Order: 1409080

Lab ID: 1409080-005
Client Sample ID: MW07-090914

Collection Date: 9/9/2014 2:23:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	9/16/2014 7:40:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	9/16/2014 7:40:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	9/16/2014 7:40:00 PM
Chloroethane	ND	0.203		µg/L	1	9/16/2014 7:40:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	9/16/2014 7:40:00 PM
Tetrachloroethene	17.9	0.0672		µg/L	1	9/17/2014 12:47:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	9/16/2014 7:40:00 PM
Trichloroethene	ND	0.0870		µg/L	1	9/16/2014 7:40:00 PM
Vinyl chloride	ND	0.155		µg/L	1	9/16/2014 7:40:00 PM
Surr: 1,2-Dichloroethane-d4	100	85.3-116		%REC	1	9/16/2014 7:40:00 PM
Surr: 4-Bromofluorobenzene	94.8	88.1-120		%REC	1	9/16/2014 7:40:00 PM
Surr: Dibromofluoromethane	104	94.2-122		%REC	1	9/16/2014 7:40:00 PM
Surr: Toluene-d8	99.5	86.2-135		%REC	1	9/16/2014 7:40:00 PM

Lab ID: 1409080-006
Client Sample ID: MW05-090914

Collection Date: 9/9/2014 4:21:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	9/17/2014 5:16:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	9/17/2014 5:16:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	9/17/2014 5:16:00 PM
Chloroethane	ND	0.203		µg/L	1	9/17/2014 5:16:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	9/17/2014 5:16:00 PM
Tetrachloroethene	1470	1.34		µg/L	20	9/16/2014 4:53:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	9/17/2014 5:16:00 PM
Trichloroethene	2.72	0.0870		µg/L	1	9/17/2014 5:16:00 PM
Vinyl chloride	ND	0.155		µg/L	1	9/17/2014 5:16:00 PM
Surr: 1,2-Dichloroethane-d4	98.0	85.3-116		%REC	1	9/17/2014 5:16:00 PM
Surr: 4-Bromofluorobenzene	91.5	88.1-120		%REC	1	9/17/2014 5:16:00 PM
Surr: Dibromofluoromethane	101	94.2-122		%REC	1	9/17/2014 5:16:00 PM
Surr: Toluene-d8	98.6	86.2-135		%REC	1	9/17/2014 5:16:00 PM

Specialty Analytical

Date Reported: 23-Sep-14

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

Lab Order: 1409080

Lab ID: 1409080-007
Client Sample ID: MW05-090914-Dup

Collection Date: 9/9/2014 4:21:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	9/17/2014 5:49:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	9/17/2014 5:49:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	9/17/2014 5:49:00 PM
Chloroethane	ND	0.203		µg/L	1	9/17/2014 5:49:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	9/17/2014 5:49:00 PM
Tetrachloroethene	1490	1.34		µg/L	20	9/16/2014 5:26:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	9/17/2014 5:49:00 PM
Trichloroethene	2.65	0.0870		µg/L	1	9/17/2014 5:49:00 PM
Vinyl chloride	ND	0.155		µg/L	1	9/17/2014 5:49:00 PM
Surr: 1,2-Dichloroethane-d4	99.1	85.3-116		%REC	1	9/17/2014 5:49:00 PM
Surr: 4-Bromofluorobenzene	89.6	88.1-120		%REC	1	9/17/2014 5:49:00 PM
Surr: Dibromofluoromethane	105	94.2-122		%REC	1	9/17/2014 5:49:00 PM
Surr: Toluene-d8	98.5	86.2-135		%REC	1	9/17/2014 5:49:00 PM

Lab ID: 1409080-008
Client Sample ID: MW10-090914

Collection Date: 9/9/2014 4:34:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	9/16/2014 8:13:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	9/16/2014 8:13:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	9/16/2014 8:13:00 PM
Chloroethane	ND	0.203		µg/L	1	9/16/2014 8:13:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	9/16/2014 8:13:00 PM
Tetrachloroethene	82.2	0.0672		µg/L	1	9/16/2014 8:13:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	9/16/2014 8:13:00 PM
Trichloroethene	35.7	0.0870		µg/L	1	9/16/2014 8:13:00 PM
Vinyl chloride	0.230	0.155	J	µg/L	1	9/16/2014 8:13:00 PM
Surr: 1,2-Dichloroethane-d4	105	85.3-116		%REC	1	9/16/2014 8:13:00 PM
Surr: 4-Bromofluorobenzene	93.7	88.1-120		%REC	1	9/16/2014 8:13:00 PM
Surr: Dibromofluoromethane	107	94.2-122		%REC	1	9/16/2014 8:13:00 PM
Surr: Toluene-d8	99.2	86.2-135		%REC	1	9/16/2014 8:13:00 PM

Specialty Analytical

Date Reported: 23-Sep-14

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

Lab Order: 1409080

Lab ID: 1409080-009
Client Sample ID: MW08-091014

Collection Date: 9/10/2014 9:15:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	9/16/2014 8:47:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	9/16/2014 8:47:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	9/16/2014 8:47:00 PM
Chloroethane	ND	0.203		µg/L	1	9/16/2014 8:47:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	9/16/2014 8:47:00 PM
Tetrachloroethene	1.13	0.0672		µg/L	1	9/16/2014 8:47:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	9/16/2014 8:47:00 PM
Trichloroethene	0.440	0.0870	J	µg/L	1	9/16/2014 8:47:00 PM
Vinyl chloride	ND	0.155		µg/L	1	9/16/2014 8:47:00 PM
Surr: 1,2-Dichloroethane-d4	99.3	85.3-116		%REC	1	9/16/2014 8:47:00 PM
Surr: 4-Bromofluorobenzene	93.8	88.1-120		%REC	1	9/16/2014 8:47:00 PM
Surr: Dibromofluoromethane	105	94.2-122		%REC	1	9/16/2014 8:47:00 PM
Surr: Toluene-d8	101	86.2-135		%REC	1	9/16/2014 8:47:00 PM

Lab ID: 1409080-010
Client Sample ID: MW11-091014

Collection Date: 9/10/2014 10:12:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	9/17/2014 1:54:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	9/17/2014 1:54:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	9/17/2014 1:54:00 PM
Chloroethane	ND	0.203		µg/L	1	9/17/2014 1:54:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	9/17/2014 1:54:00 PM
Tetrachloroethene	18.4	0.0672		µg/L	1	9/17/2014 1:54:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	9/17/2014 1:54:00 PM
Trichloroethene	1.09	0.0870		µg/L	1	9/17/2014 1:54:00 PM
Vinyl chloride	ND	0.155		µg/L	1	9/17/2014 1:54:00 PM
Surr: 1,2-Dichloroethane-d4	115	85.3-116		%REC	1	9/17/2014 1:54:00 PM
Surr: 4-Bromofluorobenzene	93.0	88.1-120		%REC	1	9/17/2014 1:54:00 PM
Surr: Dibromofluoromethane	111	94.2-122		%REC	1	9/17/2014 1:54:00 PM
Surr: Toluene-d8	98.3	86.2-135		%REC	1	9/17/2014 1:54:00 PM

Specialty Analytical

Date Reported: 23-Sep-14

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

Lab Order: 1409080

Lab ID: 1409080-011
Client Sample ID: MW18-091014

Collection Date: 9/10/2014 10:50:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	9/17/2014 2:27:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	9/17/2014 2:27:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	9/17/2014 2:27:00 PM
Chloroethane	ND	0.203		µg/L	1	9/17/2014 2:27:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	9/17/2014 2:27:00 PM
Tetrachloroethene	0.410	0.0672	J	µg/L	1	9/17/2014 2:27:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	9/17/2014 2:27:00 PM
Trichloroethene	ND	0.0870		µg/L	1	9/17/2014 2:27:00 PM
Vinyl chloride	ND	0.155		µg/L	1	9/17/2014 2:27:00 PM
Surr: 1,2-Dichloroethane-d4	97.4	85.3-116		%REC	1	9/17/2014 2:27:00 PM
Surr: 4-Bromofluorobenzene	96.2	88.1-120		%REC	1	9/17/2014 2:27:00 PM
Surr: Dibromofluoromethane	105	94.2-122		%REC	1	9/17/2014 2:27:00 PM
Surr: Toluene-d8	102	86.2-135		%REC	1	9/17/2014 2:27:00 PM

Lab ID: 1409080-012
Client Sample ID: MW16-091014

Collection Date: 9/10/2014 1:16:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	9/17/2014 3:01:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	9/17/2014 3:01:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	9/17/2014 3:01:00 PM
Chloroethane	ND	0.203		µg/L	1	9/17/2014 3:01:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	9/17/2014 3:01:00 PM
Tetrachloroethene	8.68	0.0672		µg/L	1	9/17/2014 3:01:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	9/17/2014 3:01:00 PM
Trichloroethene	0.940	0.0870	J	µg/L	1	9/17/2014 3:01:00 PM
Vinyl chloride	ND	0.155		µg/L	1	9/17/2014 3:01:00 PM
Surr: 1,2-Dichloroethane-d4	96.5	85.3-116		%REC	1	9/17/2014 3:01:00 PM
Surr: 4-Bromofluorobenzene	93.5	88.1-120		%REC	1	9/17/2014 3:01:00 PM
Surr: Dibromofluoromethane	104	94.2-122		%REC	1	9/17/2014 3:01:00 PM
Surr: Toluene-d8	101	86.2-135		%REC	1	9/17/2014 3:01:00 PM

Specialty Analytical

Date Reported: 23-Sep-14

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

Lab Order: 1409080

Lab ID: 1409080-013
Client Sample ID: MW13-091014

Collection Date: 9/10/2014 2:29:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	9/17/2014 4:42:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	9/17/2014 4:42:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	9/17/2014 4:42:00 PM
Chloroethane	ND	0.203		µg/L	1	9/17/2014 4:42:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	9/17/2014 4:42:00 PM
Tetrachloroethene	111	0.0672		µg/L	1	9/17/2014 4:42:00 PM
trans-1,2-Dichloroethene	0.130	0.0830	J	µg/L	1	9/17/2014 4:42:00 PM
Trichloroethene	13.9	0.0870		µg/L	1	9/17/2014 4:42:00 PM
Vinyl chloride	ND	0.155		µg/L	1	9/17/2014 4:42:00 PM
Surr: 1,2-Dichloroethane-d4	99.5	85.3-116		%REC	1	9/17/2014 4:42:00 PM
Surr: 4-Bromofluorobenzene	94.4	88.1-120		%REC	1	9/17/2014 4:42:00 PM
Surr: Dibromofluoromethane	104	94.2-122		%REC	1	9/17/2014 4:42:00 PM
Surr: Toluene-d8	99.2	86.2-135		%REC	1	9/17/2014 4:42:00 PM

Lab ID: 1409080-014
Client Sample ID: MW15-091014

Collection Date: 9/10/2014 4:20:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	9/17/2014 3:35:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	9/17/2014 3:35:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	9/17/2014 3:35:00 PM
Chloroethane	ND	0.203		µg/L	1	9/17/2014 3:35:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	9/17/2014 3:35:00 PM
Tetrachloroethene	11.1	0.0672		µg/L	1	9/17/2014 3:35:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	9/17/2014 3:35:00 PM
Trichloroethene	0.420	0.0870	J	µg/L	1	9/17/2014 3:35:00 PM
Vinyl chloride	ND	0.155		µg/L	1	9/17/2014 3:35:00 PM
Surr: 1,2-Dichloroethane-d4	100	85.3-116		%REC	1	9/17/2014 3:35:00 PM
Surr: 4-Bromofluorobenzene	93.4	88.1-120		%REC	1	9/17/2014 3:35:00 PM
Surr: Dibromofluoromethane	106	94.2-122		%REC	1	9/17/2014 3:35:00 PM
Surr: Toluene-d8	100	86.2-135		%REC	1	9/17/2014 3:35:00 PM

Specialty Analytical

Date Reported: 23-Sep-14

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

Lab Order: 1409080

Lab ID: 1409080-015
Client Sample ID: MW20-091114

Collection Date: 9/11/2014 7:25:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	9/17/2014 4:08:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	9/17/2014 4:08:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	9/17/2014 4:08:00 PM
Chloroethane	ND	0.203		µg/L	1	9/17/2014 4:08:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	9/17/2014 4:08:00 PM
Tetrachloroethene	0.180	0.0672	J	µg/L	1	9/17/2014 4:08:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	9/17/2014 4:08:00 PM
Trichloroethene	ND	0.0870		µg/L	1	9/17/2014 4:08:00 PM
Vinyl chloride	ND	0.155		µg/L	1	9/17/2014 4:08:00 PM
Surr: 1,2-Dichloroethane-d4	100	85.3-116		%REC	1	9/17/2014 4:08:00 PM
Surr: 4-Bromofluorobenzene	94.2	88.1-120		%REC	1	9/17/2014 4:08:00 PM
Surr: Dibromofluoromethane	106	94.2-122		%REC	1	9/17/2014 4:08:00 PM
Surr: Toluene-d8	101	86.2-135		%REC	1	9/17/2014 4:08:00 PM

Lab ID: 1409080-016
Client Sample ID: MW06-091114

Collection Date: 9/11/2014 8:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	9/19/2014 12:38:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	9/19/2014 12:38:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	9/19/2014 12:38:00 PM
Chloroethane	ND	0.203		µg/L	1	9/19/2014 12:38:00 PM
cis-1,2-Dichloroethene	0.700	0.0660	J	µg/L	1	9/19/2014 12:38:00 PM
Tetrachloroethene	2.24	0.0672		µg/L	1	9/19/2014 12:38:00 PM
trans-1,2-Dichloroethene	0.280	0.0830	J	µg/L	1	9/19/2014 12:38:00 PM
Trichloroethene	5.72	0.0870		µg/L	1	9/19/2014 12:38:00 PM
Vinyl chloride	ND	0.155		µg/L	1	9/19/2014 12:38:00 PM
Surr: 1,2-Dichloroethane-d4	102	85.3-116		%REC	1	9/19/2014 12:38:00 PM
Surr: 4-Bromofluorobenzene	89.9	88.1-120		%REC	1	9/19/2014 12:38:00 PM
Surr: Dibromofluoromethane	108	94.2-122		%REC	1	9/19/2014 12:38:00 PM
Surr: Toluene-d8	102	86.2-135		%REC	1	9/19/2014 12:38:00 PM

Specialty Analytical

Date Reported: 23-Sep-14

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

Lab Order: 1409080

Lab ID: 1409080-017
Client Sample ID: MW19-091114

Collection Date: 9/11/2014 8:59:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	9/19/2014 1:11:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	9/19/2014 1:11:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	9/19/2014 1:11:00 PM
Chloroethane	ND	0.203		µg/L	1	9/19/2014 1:11:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	9/19/2014 1:11:00 PM
Tetrachloroethene	0.950	0.0672	J	µg/L	1	9/19/2014 1:11:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	9/19/2014 1:11:00 PM
Trichloroethene	0.420	0.0870	J	µg/L	1	9/19/2014 1:11:00 PM
Vinyl chloride	ND	0.155		µg/L	1	9/19/2014 1:11:00 PM
Surr: 1,2-Dichloroethane-d4	112	85.3-116		%REC	1	9/19/2014 1:11:00 PM
Surr: 4-Bromofluorobenzene	91.6	88.1-120		%REC	1	9/19/2014 1:11:00 PM
Surr: Dibromofluoromethane	111	94.2-122		%REC	1	9/19/2014 1:11:00 PM
Surr: Toluene-d8	100	86.2-135		%REC	1	9/19/2014 1:11:00 PM

Lab ID: 1409080-018
Client Sample ID: MW17-091114

Collection Date: 9/11/2014 11:56:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	9/19/2014 1:44:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	9/19/2014 1:44:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	9/19/2014 1:44:00 PM
Chloroethane	ND	0.203		µg/L	1	9/19/2014 1:44:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	9/19/2014 1:44:00 PM
Tetrachloroethene	ND	0.0672		µg/L	1	9/19/2014 1:44:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	9/19/2014 1:44:00 PM
Trichloroethene	ND	0.0870		µg/L	1	9/19/2014 1:44:00 PM
Vinyl chloride	ND	0.155		µg/L	1	9/19/2014 1:44:00 PM
Surr: 1,2-Dichloroethane-d4	103	85.3-116		%REC	1	9/19/2014 1:44:00 PM
Surr: 4-Bromofluorobenzene	93.2	88.1-120		%REC	1	9/19/2014 1:44:00 PM
Surr: Dibromofluoromethane	108	94.2-122		%REC	1	9/19/2014 1:44:00 PM
Surr: Toluene-d8	101	86.2-135		%REC	1	9/19/2014 1:44:00 PM

Specialty Analytical

Date Reported: 23-Sep-14

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

Lab Order: 1409080

Lab ID: 1409080-019 **Collection Date:** 9/11/2014 1:21:00 PM
Client Sample ID: MW04-091114 **Matrix:** GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	9/19/2014 2:18:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	9/19/2014 2:18:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	9/19/2014 2:18:00 PM
Chloroethane	ND	0.203		µg/L	1	9/19/2014 2:18:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	9/19/2014 2:18:00 PM
Tetrachloroethene	17.0	0.0672		µg/L	1	9/19/2014 2:18:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	9/19/2014 2:18:00 PM
Trichloroethene	0.820	0.0870	J	µg/L	1	9/19/2014 2:18:00 PM
Vinyl chloride	ND	0.155		µg/L	1	9/19/2014 2:18:00 PM
Surr: 1,2-Dichloroethane-d4	108	85.3-116		%REC	1	9/19/2014 2:18:00 PM
Surr: 4-Bromofluorobenzene	94.1	88.1-120		%REC	1	9/19/2014 2:18:00 PM
Surr: Dibromofluoromethane	110	94.2-122		%REC	1	9/19/2014 2:18:00 PM
Surr: Toluene-d8	101	86.2-135		%REC	1	9/19/2014 2:18:00 PM

Lab ID: 1409080-020 **Collection Date:** 9/11/2014 3:35:00 PM
Client Sample ID: MW14-091114 **Matrix:** GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	9/19/2014 2:52:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	9/19/2014 2:52:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	9/19/2014 2:52:00 PM
Chloroethane	ND	0.203		µg/L	1	9/19/2014 2:52:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	9/19/2014 2:52:00 PM
Tetrachloroethene	ND	0.0672		µg/L	1	9/19/2014 2:52:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	9/19/2014 2:52:00 PM
Trichloroethene	ND	0.0870		µg/L	1	9/19/2014 2:52:00 PM
Vinyl chloride	ND	0.155		µg/L	1	9/19/2014 2:52:00 PM
Surr: 1,2-Dichloroethane-d4	104	85.3-116		%REC	1	9/19/2014 2:52:00 PM
Surr: 4-Bromofluorobenzene	94.1	88.1-120		%REC	1	9/19/2014 2:52:00 PM
Surr: Dibromofluoromethane	107	94.2-122		%REC	1	9/19/2014 2:52:00 PM
Surr: Toluene-d8	101	86.2-135		%REC	1	9/19/2014 2:52:00 PM

Specialty Analytical

Date Reported: 23-Sep-14

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

Lab Order: 1409080

Lab ID: 1409080-021
Client Sample ID: MW09-091114

Collection Date: 9/11/2014 4:44:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	9/19/2014 3:26:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	9/19/2014 3:26:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	9/19/2014 3:26:00 PM
Chloroethane	ND	0.203		µg/L	1	9/19/2014 3:26:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	9/19/2014 3:26:00 PM
Tetrachloroethene	62.3	0.0672		µg/L	1	9/19/2014 3:26:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	9/19/2014 3:26:00 PM
Trichloroethene	101	0.0870		µg/L	1	9/19/2014 3:26:00 PM
Vinyl chloride	ND	0.155		µg/L	1	9/19/2014 3:26:00 PM
Surr: 1,2-Dichloroethane-d4	105	85.3-116		%REC	1	9/19/2014 3:26:00 PM
Surr: 4-Bromofluorobenzene	93.0	88.1-120		%REC	1	9/19/2014 3:26:00 PM
Surr: Dibromofluoromethane	110	94.2-122		%REC	1	9/19/2014 3:26:00 PM
Surr: Toluene-d8	101	86.2-135		%REC	1	9/19/2014 3:26:00 PM

Lab ID: 1409080-022
Client Sample ID: Trip Blank_091114

Collection Date: 9/11/2014
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	9/16/2014 4:14:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	9/16/2014 4:14:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	9/16/2014 4:14:00 PM
Chloroethane	ND	0.203		µg/L	1	9/16/2014 4:14:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	9/16/2014 4:14:00 PM
Tetrachloroethene	0.240	0.0672	J	µg/L	1	9/16/2014 4:14:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	9/16/2014 4:14:00 PM
Trichloroethene	ND	0.0870		µg/L	1	9/16/2014 4:14:00 PM
Vinyl chloride	ND	0.155		µg/L	1	9/16/2014 4:14:00 PM
Surr: 1,2-Dichloroethane-d4	98.8	85.3-116		%REC	1	9/16/2014 4:14:00 PM
Surr: 4-Bromofluorobenzene	93.7	88.1-120		%REC	1	9/16/2014 4:14:00 PM
Surr: Dibromofluoromethane	94.7	94.2-122		%REC	1	9/16/2014 4:14:00 PM
Surr: Toluene-d8	98.6	86.2-135		%REC	1	9/16/2014 4:14:00 PM

QC SUMMARY REPORT

WO#: 1409080

23-Sep-14

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

TestCode: 8260_W

Sample ID: CCV MSVWS-1997	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 16833						
Client ID: CCV	Batch ID: R16833	TestNo: SW8260B		Analysis Date: 9/16/2014	SeqNo: 222275						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	35.8	1.00	40.00	0	89.6	80	120
Vinyl chloride	42.6	1.00	40.00	0	107	80	120

Sample ID: LCS MSVWS-1998	SampType: LCS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 16833						
Client ID: LCSW	Batch ID: R16833	TestNo: SW8260B		Analysis Date: 9/16/2014	SeqNo: 222276						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	36.8	1.00	40.00	0	92.1	61.2	135
Trichloroethene	41.1	1.00	40.00	0	103	68.5	124

Sample ID: MB	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 16833						
Client ID: PBW	Batch ID: R16833	TestNo: SW8260B		Analysis Date: 9/16/2014	SeqNo: 222277						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethane	ND	1.00
1,1-Dichloroethene	ND	1.00
1,2-Dichloroethane	ND	1.00
Chloroethane	ND	1.00
cis-1,2-Dichloroethene	ND	1.00
Tetrachloroethene	ND	1.00
trans-1,2-Dichloroethene	ND	1.00
Trichloroethene	ND	1.00
Vinyl chloride	ND	1.00

Qualifiers:	B Analyte detected in the associated Method Blank	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	O RSD is greater than RSDlimit	R RPD outside accepted recovery limits	S Spike Recovery outside accepted recovery

QC SUMMARY REPORT

WO#: 1409080

23-Sep-14

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

TestCode: 8260_W

Sample ID: MB	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 16833						
Client ID: PBW	Batch ID: R16833	TestNo: SW8260B		Analysis Date: 9/16/2014	SeqNo: 222277						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	102		100.0		102	85.3	116				
Surr: 4-Bromofluorobenzene	97.0		100.0		97.0	88.1	120				
Surr: Dibromofluoromethane	97.4		100.0		97.4	94.2	122				
Surr: Toluene-d8	101		100.0		101	86.2	135				

Sample ID: 1409080-004AMS	SampType: MS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 16833						
Client ID: MW03-090914	Batch ID: R16833	TestNo: SW8260B		Analysis Date: 9/16/2014	SeqNo: 222313						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	3160	100	4000	0	79.0	47.8	165				
Trichloroethene	3820	100	4000	0	95.5	50.8	164				

Sample ID: 1409080-004AMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 16833						
Client ID: MW03-090914	Batch ID: R16833	TestNo: SW8260B		Analysis Date: 9/16/2014	SeqNo: 222314						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	3230	100	4000	0	80.7	47.8	165	3161	2.10	20	
Trichloroethene	3910	100	4000	0	97.6	50.8	164	3820	2.23	20	

Qualifiers:	B Analyte detected in the associated Method Blank O RSD is greater than RSDlimit	H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits	ND Not Detected at the Reporting Limit S Spike Recovery outside accepted recovery	Page 2 of 6
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QC SUMMARY REPORT

WO#: 1409080

23-Sep-14

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

TestCode: 8260_W

Sample ID: CCV MSVWS-1997	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 16833						
Client ID: CCV	Batch ID: R16833	TestNo: SW8260B		Analysis Date: 9/17/2014	SeqNo: 222472						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	40.0	1.00	40.00	0	100	80	120				
Vinyl chloride	40.5	1.00	40.00	0	101	80	120				

Sample ID: CCB	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 16833						
Client ID: CCB	Batch ID: R16833	TestNo: SW8260B		Analysis Date: 9/17/2014	SeqNo: 222481						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Tetrachloroethene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	104		100.0		104	85.3	116				
Surr: 4-Bromofluorobenzene	93.9		100.0		93.9	88.1	120				
Surr: Dibromofluoromethane	107		100.0		107	94.2	122				
Surr: Toluene-d8	100		100.0		100	86.2	135				

Qualifiers: B Analyte detected in the associated Method Blank
 O RSD is greater than RSDlimit

H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits

ND Not Detected at the Reporting Limit
 S Spike Recovery outside accepted recovery

QC SUMMARY REPORT

WO#: 1409080

23-Sep-14

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

TestCode: 8260_W

Sample ID: CCV MSVWS-1997	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 16833						
Client ID: CCV	Batch ID: R16833	TestNo: SW8260B		Analysis Date: 9/18/2014	SeqNo: 222791						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	54.4	1.00	60.00	0	90.6	80	120				
Vinyl chloride	50.0	1.00	60.00	0	83.3	80	120				

Sample ID: CCB	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 16833						
Client ID: CCB	Batch ID: R16833	TestNo: SW8260B		Analysis Date: 9/18/2014	SeqNo: 222792						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Tetrachloroethene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	111		100.0		111	85.3	116				
Surr: 4-Bromofluorobenzene	93.3		100.0		93.3	88.1	120				
Surr: Dibromofluoromethane	108		100.0		108	94.2	122				
Surr: Toluene-d8	99.8		100.0		99.8	86.2	135				

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery

QC SUMMARY REPORT

WO#: 1409080

23-Sep-14

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

TestCode: 8260_W

Sample ID: CCV MSVWS-1997	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 16875						
Client ID: CCV	Batch ID: R16875	TestNo: SW8260B		Analysis Date: 9/19/2014	SeqNo: 222883						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	39.9	1.00	40.00	0	99.8	80	120				
Vinyl chloride	39.1	1.00	40.00	0	97.8	80	120				

Sample ID: LCS MSVWS-1998	SampType: LCS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 16875						
Client ID: LCSW	Batch ID: R16875	TestNo: SW8260B		Analysis Date: 9/19/2014	SeqNo: 222884						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	31.9	1.00	40.00	0	79.8	61.2	135				
Trichloroethene	33.1	1.00	40.00	0	82.7	68.5	124				

Sample ID: MB	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 16875						
Client ID: PBW	Batch ID: R16875	TestNo: SW8260B		Analysis Date: 9/19/2014	SeqNo: 222885						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Tetrachloroethene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit Page 5 of 6
O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery

QC SUMMARY REPORT

WO#: 1409080

23-Sep-14

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

TestCode: 8260_W

Sample ID: MB	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 16875						
Client ID: PBW	Batch ID: R16875	TestNo: SW8260B		Analysis Date: 9/19/2014	SeqNo: 222885						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	111		100.0		111	85.3	116				
Surr: 4-Bromofluorobenzene	95.9		100.0		95.9	88.1	120				
Surr: Dibromofluoromethane	110		100.0		110	94.2	122				
Surr: Toluene-d8	99.8		100.0		99.8	86.2	135				

Sample ID: 1409080-016AMS	SampType: MS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 16875						
Client ID: MW06-091114	Batch ID: R16875	TestNo: SW8260B		Analysis Date: 9/19/2014	SeqNo: 223190						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	44.0	1.00	40.00	0	110	47.8	165				
Trichloroethene	46.6	1.00	40.00	5.720	102	50.8	164				

Sample ID: 1409080-016AMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 16875						
Client ID: MW06-091114	Batch ID: R16875	TestNo: SW8260B		Analysis Date: 9/19/2014	SeqNo: 223191						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	40.1	1.00	40.00	0	100	47.8	165	43.95	9.06	30	
Trichloroethene	47.4	1.00	40.00	5.720	104	50.8	164	46.58	1.83	30	

Qualifiers:	B Analyte detected in the associated Method Blank O RSD is greater than RSDlimit	H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits	ND Not Detected at the Reporting Limit S Spike Recovery outside accepted recovery	Page 6 of 6
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KEY TO FLAGS

Rev. May 12, 2010

- A This sample contains a Gasoline Range Organic not identified as a specific hydrocarbon product. The result was quantified against gasoline calibration standards
- A1 This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was quantified against diesel calibration standards.
- A2 This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was quantified against a lube oil calibration standard.
- A3 The result was determined to be Non-Detect based on hydrocarbon pattern recognition. The product was carry-over from another hydrocarbon type.
- A4 The product appears to be aged or degraded diesel.
- B The blank exhibited a positive result great than the reporting limit for this compound.
- CN See Case Narrative.
- D Result is based from a dilution.
- E Result exceeds the calibration range for this compound. The result should be considered as estimate.
- F The positive result for this hydrocarbon is due to single component contamination. The product does not match any hydrocarbon in the fuels library.
- G Result may be biased high due to biogenic interferences. Clean up is recommended.
- H Sample was analyzed outside recommended holding time.
- HT At clients request, samples was analyzed outside of recommended holding time.
- J The result for this analyte is between the MDL and the PQL and should be considered as estimated concentration.
- K Diesel result is biased high due to amount of Oil contained in the sample.
- L Diesel result is biased high due to amount of Gasoline contained in the sample.
- M Oil result is biased high due to amount of Diesel contained in the sample.
- MC Sample concentration is greater than 4x the spiked value, the spiked value is considered insignificant.
- MI Result is outside control limits due to matrix interference.
- MSA Value determined by Method of Standard Addition.
- O Laboratory Control Standard (LCS) exceeded laboratory control limits, but meets CCV criteria. Data meets EPA requirements.
- Q Detection levels elevated due to sample matrix.
- R RPD control limits were exceeded.
- RF Duplicate failed due to result being at or near the method-reporting limit.
- RP Matrix spike values exceed established QC limits; post digestion spike is in control.
- S Recovery is outside control limits.
- SC Closing CCV or LCS exceeded high recovery control limits, but associated samples are non-detect. Data meets EPA requirements.
- * The result for this parameter was greater than the maximum contaminant level of the TCLP regulatory limit.

CHAIN OF CUSTODY RECORD

Specialty Analytical
 11711 SE Capps Road
 Clackamas, OR 97015
 Phone: 503-607-1331
 Fax: 503-607-1336

Contact Person/Project Manager Merideth D'Andrea
 Company Maul Foster & Alongi, Inc.
 Address 400 E Mill Plain Blvd Suite 400
Vancouver, WA 98660
 Phone 360-694-2691 Fax _____
 Project No. 8006.31.05 Project Name Park Laundry
 Project Site Location OR WA Other _____
 Invoice To MFA P.O. No. _____

Collected By: [Signature]
 Signature [Signature]
 Printed SHARLENE PARVESTER
 Signature [Signature]
 Printed Kelly R Titkemeier

Turn Around Time _____
 Normal 5-7 Business Days
 Rush _____ Specify _____

Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix	No. of Containers	Analyses	For Laboratory Use	Relinquished By	Date	Time
9/9/14	10:55	MW01-090914	W	5	1,1-DCE cis-1,2-DCE PCE trans-1,2-DCE TCE Vinyl Chloride 1,1-DCA 1,2-DCA Chloroethane	Lab Job No. <u>1409080</u> Shipped Via <u>Specialty</u> Air Bill No. _____ Temperature On Receipt <u>4</u> °C Specialty Analytical Containers? <u>Y</u> / <u>N</u> Specialty Analytical Trip Blanks? <u>Y</u> / <u>N</u>	[Signature]	9/12/14	14:55
9/9/14	11:16	MW02-090914	W	5	X				
9/9/14	12:05	MW03-090914	W	5	X				
9/9/14	12:28	MW03-090914	W	5	X				
9/9/14	14:23	MW07-090914	W	5	X				
9/9/14	16:21	MW05-090914	W	5	X				
9/9/14	16:21	MW05-090914 - Dup	W	5	X				
9/9/14	16:34	MW10-090914	W	5	X				
9/10/14	09:15	MW08-091014	W	5	X				
9/10/14	10:12	MW11-091014	W	5	X				
9/10/14	10:50	MW18-091014	W	5	X				
9/10/14	13:16	MW16-091014	W	5	X				
Relinquished By: <u>Sharon Titkemeier</u>			Received By: [Signature]	Company: <u>MFA</u>		Relinquished By: [Signature]		Company: _____	
Date: <u>9/11/14</u>			Time: <u>18:50</u>	Received For Lab By: <u>Undigthillgard</u>		Date: <u>9/12/14</u>		Time: <u>14:55</u>	

Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.
 Samples held beyond 60 days subject to storage fee(s)

CHAIN OF CUSTODY RECORD

Specialty Analytical
 11711 SE Capps Road
 Clackamas, OR 97015
 Phone: 503-607-1331
 Fax: 503-607-1336

Collected By: [Signature]
 Signature: [Signature]
 Printed: Shawlene Haverster
 Signature: Kelly R Titkemeier
 Printed: Kelly R Titkemeier

Turn Around Time
 Normal 5-7 Business Days
 Rush _____
 Specify _____

Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix	No. of Containers	Analyses	For Laboratory Use	Relinquished By	Date	Time
9/10/14	14:29	MW13-091014	W	5	1,1-DCE CIS-1,2-DCE PCF TRANS-1,2-DCE TCE Vinyl Chloride 1,1-DCA 1,2-DCA Chloroethane	Lab Job No. <u>409080</u> Shipped Via <u>Specialty</u> Air Bill No. _____ Temperature On Receipt <u>4</u> °C Specialty Analytical Containers? <u>Y/N</u> Specialty Analytical Trip Blanks? <u>Y/N</u>	[Signature]	9/12/14	14:55
9/10/14	16:30	MW15-091014	W	5					
9/11/14	07:25	MW20-091114	W	5					
9/11/14	08:30	MW06-091114	W	5					
9/11/14	08:59	MW19-091114	W	5					
9/11/14	11:56	MW17-091114	W	5					
9/11/14	13:21	MW04-091114	W	5					
9/11/14	15:35	MW14-091114	W	5					
9/11/14	16:44	MW09-091114	W	5					
9/11/14	-	Trip Blank	W	2					
					Received By: [Signature] Company: MFA	Relinquished By: [Signature] Company: MFA			
					Received For Lab By: [Signature] Company: MFA	Received For Lab By: [Signature] Company: MFA			

Contact Person/Project Manager: Merideth D'Andrea
 Company: Maul Foster & Alongi, Inc.
 Address: 400 E. Mill Plain Blvd, Suite 400
Vancouver WA 98660
 Phone: 360-694-2691 Fax: _____
 Project No. 8006.31.05 Project Name Park Laundry
 Project Site Location: OR WA Other _____
 Invoice To: MFA P.O. No. _____

Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.
 Samples held beyond 60 days subject to storage fee(s)



Specialty Analytical

11711 SE Capps Road, Ste B
Clackamas, Oregon 97015
TEL: 503-607-1331 FAX: 503-607-1336
Website: www.specialtyanalytical.com

January 06, 2015

Merideth D'Andrea
Maul Foster & Alongi
400 E. Mill Plain Blvd.
Suite 400
Vancouver, WA 98660
TEL: (503) 501-5216
FAX (360) 906-1958
RE: Park Laundry / 8006.31.05

Dear Merideth D'Andrea:

Order No.: 1412025

Specialty Analytical received 2 sample(s) on 12/4/2014 for the analyses presented in the following report.

REVISED REPORT: Please see case narrative for information on revision.

There were no problems with the analysis and all data for associated QC met EPA or laboratory specifications, except where noted in the Case Narrative, or as qualified with flags. Results apply only to the samples analyzed. Without approval of the laboratory, the reproduction of this report is only permitted in its entirety.

If you have any questions regarding these tests, please feel free to call.

Sincerely,

A handwritten signature in black ink, appearing to read "Marty French". The signature is stylized and cursive.

Marty French
Lab Director

Case Narrative

WO#: 1412025

Date: 1/6/2015

Specialty Analytical

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

Report Revision 1.

This report revision includes corrected results for fixed gases. Original results were incorrectly reported for some samples that were below the Practical Quantitation Limit (PQL). Revised results are now reported as not detected at the PQL.

Specialty Analytical

Date Reported: 06-Jan-15

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05
Lab ID: 1412025-001
Client Sample ID: MW16-120314

Collection Date: 12/3/2014 3:00:00 PM

Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Unit	DF	Date Analyzed
PERMANENT GASES			D1945MOD.		Analyst: bda		
Carbon Dioxide	43.0	0	3.66		mg/L	10	12/10/2014 8:08:00 AM
Methane	ND	0	0.0665		mg/L	0.5	12/9/2014 11:10:00 AM
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	12/5/2014 9:36:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	12/5/2014 9:36:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	12/5/2014 9:36:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	12/5/2014 9:36:00 PM
cis-1,2-Dichloroethene	ND	0.0450	1.00		µg/L	1	12/5/2014 9:36:00 PM
Tetrachloroethene	5.10	0.0580	1.00		µg/L	1	12/5/2014 9:36:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	12/5/2014 9:36:00 PM
Trichloroethene	0.800	0.0470	1.00	J	µg/L	1	12/5/2014 9:36:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	12/5/2014 9:36:00 PM
Surr: 1,2-Dichloroethane-d4	105	85.3-116			%REC	1	12/5/2014 9:36:00 PM
Surr: 4-Bromofluorobenzene	112	88.1-120			%REC	1	12/5/2014 9:36:00 PM
Surr: Dibromofluoromethane	110	94.2-122			%REC	1	12/5/2014 9:36:00 PM
Surr: Toluene-d8	95.7	86.2-135			%REC	1	12/5/2014 9:36:00 PM
ANIONS BY ION CHROMATOGRAPHY-RCRA			SW9056		Analyst: ajr		
Chloride	3.21	0.0270	0.250		mg/L	1	12/4/2014 12:20:00 PM
Nitrogen, Nitrate as N	3.34	0.0390	0.0560		mg/L	1	12/4/2014 12:20:00 PM
Nitrogen, Nitrite as N	ND	0.0210	0.0760		mg/L	1	12/4/2014 12:20:00 PM
Sulfate	8.67	0.0530	0.250		mg/L	1	12/4/2014 12:20:00 PM
SULFIDE			SM4500-S2 F		Analyst: BW		
Sulfide (As S)	ND	0.110	1.00		mg/L	1	12/9/2014 11:41:27 AM

Specialty Analytical

Date Reported: 06-Jan-15

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05
Lab ID: 1412025-002
Client Sample ID: MW15-120314

Collection Date: 12/3/2014 4:50:00 PM

Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Unit	DF	Date Analyzed
PERMANENT GASES			D1945MOD.		Analyst: bda		
Carbon Dioxide	39.0	0	3.66		mg/L	10	12/10/2014 8:32:00 AM
Methane	ND	0	0.0665		mg/L	0.5	12/9/2014 11:41:00 AM
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	12/5/2014 10:09:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	12/5/2014 10:09:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	12/5/2014 10:09:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	12/5/2014 10:09:00 PM
cis-1,2-Dichloroethene	ND	0.0450	1.00		µg/L	1	12/5/2014 10:09:00 PM
Tetrachloroethene	4.62	0.0580	1.00		µg/L	1	12/5/2014 10:09:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	12/5/2014 10:09:00 PM
Trichloroethene	ND	0.0470	1.00		µg/L	1	12/5/2014 10:09:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	12/5/2014 10:09:00 PM
Surr: 1,2-Dichloroethane-d4	100	85.3-116			%REC	1	12/5/2014 10:09:00 PM
Surr: 4-Bromofluorobenzene	106	88.1-120			%REC	1	12/5/2014 10:09:00 PM
Surr: Dibromofluoromethane	106	94.2-122			%REC	1	12/5/2014 10:09:00 PM
Surr: Toluene-d8	99.2	86.2-135			%REC	1	12/5/2014 10:09:00 PM
ANIONS BY ION CHROMATOGRAPHY-RCRA			SW9056		Analyst: ajr		
Chloride	2.43	0.0270	0.250		mg/L	1	12/4/2014 12:37:00 PM
Nitrogen, Nitrate as N	3.92	0.0390	0.0560		mg/L	1	12/4/2014 12:37:00 PM
Nitrogen, Nitrite as N	ND	0.0210	0.0760		mg/L	1	12/4/2014 12:37:00 PM
Sulfate	7.33	0.0530	0.250		mg/L	1	12/4/2014 12:37:00 PM
SULFIDE			SM4500-S2 F		Analyst: BW		
Sulfide (As S)	ND	0.110	1.00		mg/L	1	12/9/2014 11:46:27 AM

QC SUMMARY REPORT

WO#: 1412025

06-Jan-15

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

TestCode: 8260_W

Sample ID: CCV MSVWS-2005	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 18004						
Client ID: CCV	Batch ID: R18004	TestNo: SW8260B		Analysis Date: 12/5/2014	SeqNo: 235189						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	67.5	1.00	60.00	0	112	80	120				
Vinyl chloride	55.7	1.00	60.00	0	92.8	80	120				

Sample ID: LCS MSVWS-2006	SampType: LCS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 18004						
Client ID: LCSW	Batch ID: R18004	TestNo: SW8260B		Analysis Date: 12/5/2014	SeqNo: 235190						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	48.0	1.00	40.00	0	120	61.2	135				
Trichloroethene	48.2	1.00	40.00	0	121	68.5	124				

Sample ID: A1412019-002BMS	SampType: MS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 18004						
Client ID: ZZZZZZ	Batch ID: R18004	TestNo: SW8260B		Analysis Date: 12/5/2014	SeqNo: 235191						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	38.5	1.00	40.00	0	96.2	47.8	165				
Trichloroethene	38.3	1.00	40.00	0	95.8	50.8	164				

Sample ID: A1412019-002BMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 18004						
Client ID: ZZZZZZ	Batch ID: R18004	TestNo: SW8260B		Analysis Date: 12/5/2014	SeqNo: 235192						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	37.2	1.00	40.00	0	93.1	47.8	165	38.46	3.20	30	
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Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit Page 1 of 10
O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery

QC SUMMARY REPORT

WO#: 1412025

06-Jan-15

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

TestCode: 8260_W

Sample ID: A1412019-002BMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 18004						
Client ID: ZZZZZ	Batch ID: R18004	TestNo: SW8260B		Analysis Date: 12/5/2014	SeqNo: 235192						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	42.0	1.00	40.00	0	105	50.8	164	38.32	9.07	30	

Sample ID: MB	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 18004						
Client ID: PBW	Batch ID: R18004	TestNo: SW8260B		Analysis Date: 12/5/2014	SeqNo: 235193						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Tetrachloroethene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	109		100.0		109	85.3	116				
Surr: 4-Bromofluorobenzene	109		100.0		109	88.1	120				
Surr: Dibromofluoromethane	109		100.0		109	94.2	122				
Surr: Toluene-d8	98.7		100.0		98.7	86.2	135				

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit Page 2 of 10
O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery

QC SUMMARY REPORT

WO#: 1412025

06-Jan-15

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

TestCode: 8260_W

Sample ID: CCV MSVWS-2005	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 18004						
Client ID: CCV	Batch ID: R18004	TestNo: SW8260B		Analysis Date: 12/8/2014	SeqNo: 235204						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	45.4	1.00	40.00	0	113	80	120				
Vinyl chloride	41.1	1.00	40.00	0	103	80	120				

Sample ID: CCB	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 18004						
Client ID: CCB	Batch ID: R18004	TestNo: SW8260B		Analysis Date: 12/8/2014	SeqNo: 235205						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Tetrachloroethene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	106		100.0		106	85.3	116				
Surr: 4-Bromofluorobenzene	109		100.0		109	88.1	120				
Surr: Dibromofluoromethane	109		100.0		109	94.2	122				
Surr: Toluene-d8	94.6		100.0		94.6	86.2	135				

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery

QC SUMMARY REPORT

WO#: 1412025

06-Jan-15

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

TestCode: FIXEDGAS_W

Sample ID: CCV	SampType: CCV	TestCode: FIXEDGAS_W	Units: mg/L	Prep Date:	RunNo: 18021						
Client ID: CCV	Batch ID: R18021	TestNo: D1945Mod.		Analysis Date: 12/9/2014	SeqNo: 235500						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Methane	1.40	0.133	1.334	0	105	80	120				
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Sample ID: MBLK	SampType: MBLK	TestCode: FIXEDGAS_W	Units: mg/L	Prep Date:	RunNo: 18021						
Client ID: PBW	Batch ID: R18021	TestNo: D1945Mod.		Analysis Date: 12/9/2014	SeqNo: 235501						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Methane	ND	0.0665									
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Sample ID: 1412025-001DDUP	SampType: DUP	TestCode: FIXEDGAS_W	Units: mg/L	Prep Date:	RunNo: 18021						
Client ID: MW16-120314	Batch ID: R18021	TestNo: D1945Mod.		Analysis Date: 12/9/2014	SeqNo: 235503						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Methane	ND	0.0665						0	0	30	
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Sample ID: 1412058-001DDUP	SampType: DUP	TestCode: FIXEDGAS_W	Units: mg/L	Prep Date:	RunNo: 18021						
Client ID: ZZZZZZ	Batch ID: R18021	TestNo: D1945Mod.		Analysis Date: 12/9/2014	SeqNo: 235506						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Methane	ND	0.0665						0	0	30	
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Qualifiers:	B Analyte detected in the associated Method Blank	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit	Page 4 of 10
	O RSD is greater than RSDlimit	R RPD outside accepted recovery limits	S Spike Recovery outside accepted recovery	

QC SUMMARY REPORT

WO#: 1412025

06-Jan-15

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

TestCode: FIXEDGAS_W

Sample ID: CCV	SampType: CCV	TestCode: FIXEDGAS_W	Units: mg/L	Prep Date:	RunNo: 18021						
Client ID: CCV	Batch ID: R18021	TestNo: D1945Mod.		Analysis Date: 12/10/2014	SeqNo: 235626						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Carbon Dioxide 1.80 0.366 1.834 0 98.1 80 120

Sample ID: CCB	SampType: CCB	TestCode: FIXEDGAS_W	Units: mg/L	Prep Date:	RunNo: 18021						
Client ID: CCB	Batch ID: R18021	TestNo: D1945Mod.		Analysis Date: 12/10/2014	SeqNo: 235627						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Carbon Dioxide ND 0.183

Sample ID: 1412025-001DDUP	SampType: DUP	TestCode: FIXEDGAS_W	Units: mg/L	Prep Date:	RunNo: 18021						
Client ID: MW16-120314	Batch ID: R18021	TestNo: D1945Mod.		Analysis Date: 12/10/2014	SeqNo: 235629						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Carbon Dioxide 45.0 3.66 43.00 4.55 30

Sample ID: 1412058-001DDUP	SampType: DUP	TestCode: FIXEDGAS_W	Units: mg/L	Prep Date:	RunNo: 18021						
Client ID: ZZZZZZ	Batch ID: R18021	TestNo: D1945Mod.		Analysis Date: 12/10/2014	SeqNo: 235632						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Carbon Dioxide 86.0 3.66 68.00 23.4 30

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit Page 5 of 10
O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery

QC SUMMARY REPORT

WO#: 1412025

06-Jan-15

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

TestCode: FIXEDGAS_W

Sample ID: CCV	SampType: CCV	TestCode: FIXEDGAS_W	Units: mg/L	Prep Date:	RunNo: 18021						
Client ID: CCV	Batch ID: R18021	TestNo: D1945Mod.	Analysis Date: 12/10/2014	SeqNo: 235643							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Carbon Dioxide	1.70	0.366	1.834	0	92.7	80	120				
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Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit Page 6 of 10
O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery

QC SUMMARY REPORT

WO#: 1412025

06-Jan-15

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

TestCode: IC_GW

Sample ID: 1412025-002ADUP	SampType: DUP	TestCode: IC_GW	Units: mg/L	Prep Date:	RunNo: 17979						
Client ID: MW15-120314	Batch ID: R17979	TestNo: SW9056		Analysis Date: 12/4/2014	SeqNo: 234544						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	2.41	0.250						2.432	0.772	20	
Nitrogen, Nitrate as N	3.87	0.0560						3.916	1.19	20	
Nitrogen, Nitrite as N	ND	0.0760						0	0	20	
Sulfate	7.33	0.250						7.334	0.0214	20	

Sample ID: 1412025-002AMS	SampType: MS	TestCode: IC_GW	Units: mg/L	Prep Date:	RunNo: 17979						
Client ID: MW15-120314	Batch ID: R17979	TestNo: SW9056		Analysis Date: 12/4/2014	SeqNo: 234545						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	7.47	0.250	5.000	2.432	101	75	125				
Nitrogen, Nitrate as N	5.02	0.0560	1.129	3.916	97.7	75	125				
Nitrogen, Nitrite as N	1.80	0.0760	1.522	0	118	75	125				
Sulfate	12.2	0.250	5.000	7.334	97.8	75	125				

Sample ID: 1412025-002AMSD	SampType: MSD	TestCode: IC_GW	Units: mg/L	Prep Date:	RunNo: 17979						
Client ID: MW15-120314	Batch ID: R17979	TestNo: SW9056		Analysis Date: 12/4/2014	SeqNo: 234546						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	7.26	0.250	5.000	2.432	96.6	75	125	7.468	2.77	20	
Nitrogen, Nitrate as N	4.99	0.0560	1.129	3.916	95.4	75	125	5.020	0.517	20	
Nitrogen, Nitrite as N	1.76	0.0760	1.522	0	116	75	125	1.799	2.13	20	
Sulfate	12.2	0.250	5.000	7.334	96.5	75	125	12.23	0.561	20	

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit Page 7 of 10
O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery

QC SUMMARY REPORT

WO#: 1412025

06-Jan-15

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

TestCode: IC_GW

Sample ID: CCV 15	SampType: CCV	TestCode: IC_GW	Units: mg/L	Prep Date:	RunNo: 17979						
Client ID: CCV	Batch ID: R17979	TestNo: SW9056		Analysis Date: 12/4/2014	SeqNo: 234547						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	15.6	0.250	15.00	0	104	90	110				
Nitrogen, Nitrate as N	3.70	0.0560	3.387	0	109	90	110				
Nitrogen, Nitrite as N	4.88	0.0760	4.565	0	107	90	110				
Sulfate	16.4	0.250	15.00	0	110	90	110				

Sample ID: CCV 25	SampType: CCV	TestCode: IC_GW	Units: mg/L	Prep Date:	RunNo: 17979						
Client ID: CCV	Batch ID: R17979	TestNo: SW9056		Analysis Date: 12/4/2014	SeqNo: 234548						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	24.4	0.250	25.00	0	97.7	90	110				
Nitrogen, Nitrate as N	5.77	0.0560	5.645	0	102	90	110				
Nitrogen, Nitrite as N	7.42	0.0760	7.609	0	97.6	90	110				
Sulfate	27.0	0.250	25.00	0	108	90	110				

Sample ID: LCS 15	SampType: LCS	TestCode: IC_GW	Units: mg/L	Prep Date:	RunNo: 17979						
Client ID: LCSW	Batch ID: R17979	TestNo: SW9056		Analysis Date: 12/4/2014	SeqNo: 234549						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	15.0	0.250	15.00	0	100	85	115				
Nitrogen, Nitrate as N	3.47	0.0560	3.387	0	103	85	115				
Nitrogen, Nitrite as N	4.57	0.0760	4.565	0	100	85	115				
Sulfate	16.2	0.250	15.00	0	108	85	115				

Qualifiers:	B Analyte detected in the associated Method Blank O RSD is greater than RSDlimit	H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits	ND Not Detected at the Reporting Limit S Spike Recovery outside accepted recovery	Page 8 of 10
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QC SUMMARY REPORT

WO#: 1412025

06-Jan-15

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

TestCode: IC_GW

Sample ID: LOW CHK 0.25	SampType: ICV	TestCode: IC_GW	Units: mg/L	Prep Date:	RunNo: 17979						
Client ID: ICV	Batch ID: R17979	TestNo: SW9056		Analysis Date: 12/4/2014	SeqNo: 234550						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	0.224	0.250	0.2500	0	89.6	70	130				
Nitrogen, Nitrate as N	0.0621	0.0560	0.05645	0	110	70	130				
Nitrogen, Nitrite as N	0.0828	0.0760	0.07609	0	109	70	130				
Sulfate	0.277	0.250	0.2500	0	111	70	130				

Sample ID: MBLK	SampType: MBLK	TestCode: IC_GW	Units: mg/L	Prep Date:	RunNo: 17979						
Client ID: PBW	Batch ID: R17979	TestNo: SW9056		Analysis Date: 12/4/2014	SeqNo: 234551						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	0.137	0.250									J
Nitrogen, Nitrate as N	ND	0.0560									
Nitrogen, Nitrite as N	ND	0.0760									
Sulfate	ND	0.250									

Qualifiers: B Analyte detected in the associated Method Blank
 O RSD is greater than RSDlimit

H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits

ND Not Detected at the Reporting Limit
 S Spike Recovery outside accepted recovery

QC SUMMARY REPORT

WO#: 1412025

06-Jan-15

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

TestCode: SULFIDE_W

Sample ID: 1412058-008BDUP	SampType: DUP	TestCode: SULFIDE_W	Units: mg/L	Prep Date:	RunNo: 18052						
Client ID: ZZZZZZ	Batch ID: R18052	TestNo: SM4500-S2 F		Analysis Date: 12/10/2014	SeqNo: 235890						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sulfide (As S)	ND	1.00						0	0	20	

Qualifiers: B Analyte detected in the associated Method Blank
O RSD is greater than RSDlimit

H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits

ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted recovery

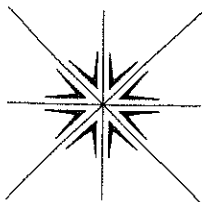
KEY TO FLAGS

Rev. May 12, 2010

- A This sample contains a Gasoline Range Organic not identified as a specific hydrocarbon product. The result was quantified against gasoline calibration standards
- A1 This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was quantified against diesel calibration standards.
- A2 This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was quantified against a lube oil calibration standard.
- A3 The result was determined to be Non-Detect based on hydrocarbon pattern recognition. The product was carry-over from another hydrocarbon type.
- A4 The product appears to be aged or degraded diesel.
- B The blank exhibited a positive result great than the reporting limit for this compound.
- CN See Case Narrative.
- D Result is based from a dilution.
- E Result exceeds the calibration range for this compound. The result should be considered as estimate.
- F The positive result for this hydrocarbon is due to single component contamination. The product does not match any hydrocarbon in the fuels library.
- G Result may be biased high due to biogenic interferences. Clean up is recommended.
- H Sample was analyzed outside recommended holding time.
- HT At clients request, samples was analyzed outside of recommended holding time.
- J The result for this analyte is between the MDL and the PQL and should be considered as estimated concentration.
- K Diesel result is biased high due to amount of Oil contained in the sample.
- L Diesel result is biased high due to amount of Gasoline contained in the sample.
- M Oil result is biased high due to amount of Diesel contained in the sample.
- MC Sample concentration is greater than 4x the spiked value, the spiked value is considered insignificant.
- MI Result is outside control limits due to matrix interference.
- MSA Value determined by Method of Standard Addition.
- O Laboratory Control Standard (LCS) exceeded laboratory control limits, but meets CCV criteria. Data meets EPA requirements.
- Q Detection levels elevated due to sample matrix.
- R RPD control limits were exceeded.
- RF Duplicate failed due to result being at or near the method-reporting limit.
- RP Matrix spike values exceed established QC limits; post digestion spike is in control.
- S Recovery is outside control limits.
- SC Closing CCV or LCS exceeded high recovery control limits, but associated samples are non-detect. Data meets EPA requirements.
- * The result for this parameter was greater than the maximum contaminant level of the TCLP regulatory limit.

CHAIN OF CUSTODY RECORD

Page of



Specialty Analytical
 11711 SE Capps Road
 Clackamas, OR 97015
 Phone: 503-607-1331
 Fax: 503-607-1336

Contact Person/Project Manager: Merideth D. Andrea
 Company: Maul Foster & Alongi, Inc.
 Address: 400 E. Mill Plain Blvd., Suite 400
Vancouver, WA 98660
 Phone: 360-694-2691 Fax:
 Project No.: 8006.31.05 Project Name: Park Laundry
 Project Site Location OR WA Other
 Invoice To: MFA P.O. No.

Collected By: Kelly R. T. Henrich
 Signature: [Signature]
 Printed: Kelly R. T. Henrich

Signature:
 Printed:
 Turn Around Time Normal 5-7 Business Days Rush
 Specify

Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix	No. of Containers	Analyses	For Laboratory Use	
						Lab Job No.	Shipped Via
12/3/14	15:00	MW16-120314	GW	9	VOCs (8608)* Carbon dioxide (ASTM D1945) Methane (ASTM D1945) Nitrate (US EPA Method 9056A) Nitrite (US EPA Method 9056A) Chloride (US EPA Method 9056A) Sulfate (US EPA Method 9056A) Sulfide (US EPA Method 9056A)	142025 Specialty	
12/3/14	16:50	MW15-120314	GW	9			

Temperature On Receipt °C
 Specialty Analytical Containers? Y / N
 Specialty Analytical Trip Blanks? Y / N

Relinquished By: Kelly R. T. Henrich
 Company: MFA
 Received By: [Signature]
 Company:
 Date: 12/3/14
 Time: 16:42
 Relinquished By:
 Company:
 Received For Lab By: Nikki Bupper
 Date: 12/14/14
 Time: 08:12

Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt. Samples held beyond 60 days subject to storage fee(s)



Specialty Analytical

11711 SE Capps Road, Ste B
Clackamas, Oregon 97015
TEL: 503-607-1331 FAX: 503-607-1336
Website: www.specialtyanalytical.com

January 06, 2015

Merideth D'Andrea
Maul Foster & Alongi
400 E. Mill Plain Blvd.
Suite 400
Vancouver, WA 98660
TEL: (503) 501-5216
FAX (360) 906-1958
RE: Park Laundry / 8006.31.05

Dear Merideth D'Andrea:

Order No.: 1412058

Specialty Analytical received 12 sample(s) on 12/5/2014 for the analyses presented in the following report.

REVISED REPORT: Please see case narrative for information on revision.

There were no problems with the analysis and all data for associated QC met EPA or laboratory specifications, except where noted in the Case Narrative, or as qualified with flags. Results apply only to the samples analyzed. Without approval of the laboratory, the reproduction of this report is only permitted in its entirety.

If you have any questions regarding these tests, please feel free to call.

Sincerely,

A handwritten signature in black ink, appearing to read "Marty French". The signature is stylized and cursive.

Marty French
Lab Director

Case Narrative

WO#: 1412058

Date: 1/6/2015

Specialty Analytical

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

Report Revision 1.

This report revision includes corrected results for fixed gases. Original results were incorrectly reported for some samples that were below the Practical Quantitation Limit (PQL). Revised results are now reported as not detected at the PQL.

Specialty Analytical

Date Reported: 06-Jan-15

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05
Lab ID: 1412058-001
Client Sample ID: MW08-120414

Collection Date: 12/4/2014 10:20:00 AM

Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Unit	DF	Date Analyzed
PERMANENT GASES			D1945MOD.		Analyst: bda		
Carbon Dioxide	68.0	0	3.66		mg/L	10	12/10/2014 8:44:00 AM
Methane	ND	0	0.0665		mg/L	0.5	12/9/2014 11:57:00 AM
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	12/5/2014 10:43:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	12/5/2014 10:43:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	12/5/2014 10:43:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	12/5/2014 10:43:00 PM
cis-1,2-Dichloroethene	ND	0.0450	1.00		µg/L	1	12/5/2014 10:43:00 PM
Tetrachloroethene	ND	0.0580	1.00		µg/L	1	12/5/2014 10:43:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	12/5/2014 10:43:00 PM
Trichloroethene	ND	0.0470	1.00		µg/L	1	12/5/2014 10:43:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	12/5/2014 10:43:00 PM
Surr: 1,2-Dichloroethane-d4	103	85.3-116			%REC	1	12/5/2014 10:43:00 PM
Surr: 4-Bromofluorobenzene	105	88.1-120			%REC	1	12/5/2014 10:43:00 PM
Surr: Dibromofluoromethane	106	94.2-122			%REC	1	12/5/2014 10:43:00 PM
Surr: Toluene-d8	98.4	86.2-135			%REC	1	12/5/2014 10:43:00 PM
ANIONS BY ION CHROMATOGRAPHY-RCRA			SW9056		Analyst: ajr		
Chloride	4.43	0.0270	0.250		mg/L	1	12/6/2014 9:00:00 AM
Nitrogen, Nitrate as N	0.465	0.0390	0.0560		mg/L	1	12/6/2014 9:00:00 AM
Nitrogen, Nitrite as N	ND	0.0210	0.0760		mg/L	1	12/6/2014 9:00:00 AM
Sulfate	9.19	0.0530	0.250		mg/L	1	12/6/2014 9:00:00 AM
SULFIDE			SM4500-S2 F		Analyst: BW		
Sulfide (As S)	ND	0.110	1.00		mg/L	1	12/9/2014 11:51:27 AM

Specialty Analytical

Date Reported: 06-Jan-15

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05
Lab ID: 1412058-002
Client Sample ID: MW01-120414

Collection Date: 12/4/2014 12:41:00 PM

Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Unit	DF	Date Analyzed
PERMANENT GASES			D1945MOD.		Analyst: bda		
Carbon Dioxide	44.0	0	3.66		mg/L	10	12/10/2014 9:07:00 AM
Methane	ND	0	0.0665		mg/L	0.5	12/9/2014 1:33:00 PM
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	12/5/2014 11:17:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	12/5/2014 11:17:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	12/5/2014 11:17:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	12/5/2014 11:17:00 PM
cis-1,2-Dichloroethene	ND	0.0450	1.00		µg/L	1	12/5/2014 11:17:00 PM
Tetrachloroethene	0.810	0.0580	1.00	J	µg/L	1	12/5/2014 11:17:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	12/5/2014 11:17:00 PM
Trichloroethene	ND	0.0470	1.00		µg/L	1	12/5/2014 11:17:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	12/5/2014 11:17:00 PM
Surr: 1,2-Dichloroethane-d4	106	85.3-116			%REC	1	12/5/2014 11:17:00 PM
Surr: 4-Bromofluorobenzene	105	88.1-120			%REC	1	12/5/2014 11:17:00 PM
Surr: Dibromofluoromethane	109	94.2-122			%REC	1	12/5/2014 11:17:00 PM
Surr: Toluene-d8	98.3	86.2-135			%REC	1	12/5/2014 11:17:00 PM
ANIONS BY ION CHROMATOGRAPHY-RCRA			SW9056		Analyst: ajr		
Chloride	3.02	0.0270	0.250		mg/L	1	12/6/2014 9:17:00 AM
Nitrogen, Nitrate as N	1.00	0.0390	0.0560		mg/L	1	12/6/2014 9:17:00 AM
Nitrogen, Nitrite as N	ND	0.0210	0.0760		mg/L	1	12/6/2014 9:17:00 AM
Sulfate	2.75	0.0530	0.250		mg/L	1	12/6/2014 9:17:00 AM
SULFIDE			SM4500-S2 F		Analyst: BW		
Sulfide (As S)	ND	0.110	1.00		mg/L	1	12/9/2014 11:56:27 AM

Specialty Analytical

Date Reported: 06-Jan-15

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05
Lab ID: 1412058-003
Client Sample ID: MW03-120414

Collection Date: 12/4/2014 12:43:00 PM

Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Unit	DF	Date Analyzed
PERMANENT GASES			D1945MOD.		Analyst: bda		
Carbon Dioxide	35.0	0	3.66		mg/L	10	12/10/2014 9:18:00 AM
Methane	ND	0	0.0665		mg/L	0.5	12/9/2014 2:07:00 PM
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	12/8/2014 3:36:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	12/8/2014 3:36:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	12/8/2014 3:36:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	12/8/2014 3:36:00 PM
cis-1,2-Dichloroethene	1.58	0.0450	1.00		µg/L	1	12/8/2014 3:36:00 PM
Tetrachloroethene	2900	5.80	100		µg/L	100	12/8/2014 12:42:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	12/8/2014 3:36:00 PM
Trichloroethene	2.63	0.0470	1.00		µg/L	1	12/8/2014 3:36:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	12/8/2014 3:36:00 PM
Surr: 1,2-Dichloroethane-d4	114	85.3-116			%REC	1	12/8/2014 3:36:00 PM
Surr: 4-Bromofluorobenzene	107	88.1-120			%REC	1	12/8/2014 3:36:00 PM
Surr: Dibromofluoromethane	112	94.2-122			%REC	1	12/8/2014 3:36:00 PM
Surr: Toluene-d8	98.5	86.2-135			%REC	1	12/8/2014 3:36:00 PM
ANIONS BY ION CHROMATOGRAPHY-RCRA			SW9056		Analyst: ajr		
Chloride	3.45	0.0270	0.250		mg/L	1	12/6/2014 9:33:00 AM
Nitrogen, Nitrate as N	4.87	0.0390	0.0560		mg/L	1	12/6/2014 9:33:00 AM
Nitrogen, Nitrite as N	ND	0.0210	0.0760		mg/L	1	12/6/2014 9:33:00 AM
Sulfate	15.0	0.0530	0.250		mg/L	1	12/6/2014 9:33:00 AM
SULFIDE			SM4500-S2 F		Analyst: BW		
Sulfide (As S)	ND	0.110	1.00		mg/L	1	12/9/2014 12:01:27 PM

Specialty Analytical

Date Reported: 06-Jan-15

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05
Lab ID: 1412058-004
Client Sample ID: MW18-120414

Collection Date: 12/4/2014 3:35:00 PM

Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Unit	DF	Date Analyzed
PERMANENT GASES			D1945MOD.		Analyst: bda		
Carbon Dioxide	64.0	0	3.66		mg/L	10	12/10/2014 9:33:00 AM
Methane	ND	0	0.0665		mg/L	0.5	12/9/2014 2:30:00 PM
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	12/5/2014 11:51:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	12/5/2014 11:51:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	12/5/2014 11:51:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	12/5/2014 11:51:00 PM
cis-1,2-Dichloroethene	ND	0.0450	1.00		µg/L	1	12/5/2014 11:51:00 PM
Tetrachloroethene	ND	0.0580	1.00		µg/L	1	12/5/2014 11:51:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	12/5/2014 11:51:00 PM
Trichloroethene	ND	0.0470	1.00		µg/L	1	12/5/2014 11:51:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	12/5/2014 11:51:00 PM
Surr: 1,2-Dichloroethane-d4	104	85.3-116			%REC	1	12/5/2014 11:51:00 PM
Surr: 4-Bromofluorobenzene	106	88.1-120			%REC	1	12/5/2014 11:51:00 PM
Surr: Dibromofluoromethane	109	94.2-122			%REC	1	12/5/2014 11:51:00 PM
Surr: Toluene-d8	98.6	86.2-135			%REC	1	12/5/2014 11:51:00 PM
ANIONS BY ION CHROMATOGRAPHY-RCRA			SW9056		Analyst: ajr		
Chloride	7.39	0.0270	0.250		mg/L	1	12/6/2014 9:50:00 AM
Nitrogen, Nitrate as N	2.82	0.0390	0.0560		mg/L	1	12/6/2014 9:50:00 AM
Nitrogen, Nitrite as N	ND	0.0210	0.0760		mg/L	1	12/6/2014 9:50:00 AM
Sulfate	7.48	0.0530	0.250		mg/L	1	12/6/2014 9:50:00 AM
SULFIDE			SM4500-S2 F		Analyst: BW		
Sulfide (As S)	ND	0.110	1.00		mg/L	1	12/9/2014 12:06:27 PM

Specialty Analytical

Date Reported: 06-Jan-15

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05
Lab ID: 1412058-005
Client Sample ID: MW06-120514

Collection Date: 12/5/2014 8:25:00 AM

Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Unit	DF	Date Analyzed
PERMANENT GASES			D1945MOD.		Analyst: bda		
Carbon Dioxide	22.0	0	3.66		mg/L	10	12/10/2014 9:45:00 AM
Methane	ND	0	0.0665		mg/L	0.5	12/9/2014 2:43:00 PM
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	12/6/2014 12:24:00 AM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	12/6/2014 12:24:00 AM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	12/6/2014 12:24:00 AM
Chloroethane	ND	0.123	1.00		µg/L	1	12/6/2014 12:24:00 AM
cis-1,2-Dichloroethene	2.32	0.0450	1.00		µg/L	1	12/6/2014 12:24:00 AM
Tetrachloroethene	1.46	0.0580	1.00		µg/L	1	12/6/2014 12:24:00 AM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	12/6/2014 12:24:00 AM
Trichloroethene	8.92	0.0470	1.00		µg/L	1	12/6/2014 12:24:00 AM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	12/6/2014 12:24:00 AM
Surr: 1,2-Dichloroethane-d4	106	85.3-116			%REC	1	12/6/2014 12:24:00 AM
Surr: 4-Bromofluorobenzene	106	88.1-120			%REC	1	12/6/2014 12:24:00 AM
Surr: Dibromofluoromethane	109	94.2-122			%REC	1	12/6/2014 12:24:00 AM
Surr: Toluene-d8	99.0	86.2-135			%REC	1	12/6/2014 12:24:00 AM
ANIONS BY ION CHROMATOGRAPHY-RCRA			SW9056		Analyst: ajr		
Chloride	4.90	0.0270	0.250		mg/L	1	12/6/2014 10:07:00 AM
Nitrogen, Nitrate as N	1.79	0.0390	0.0560		mg/L	1	12/6/2014 10:07:00 AM
Nitrogen, Nitrite as N	ND	0.0210	0.0760		mg/L	1	12/6/2014 10:07:00 AM
Sulfate	8.11	0.0530	0.250		mg/L	1	12/6/2014 10:07:00 AM
SULFIDE			SM4500-S2 F		Analyst: BW		
Sulfide (As S)	ND	0.110	1.00		mg/L	1	12/9/2014 12:11:27 PM

Specialty Analytical

Date Reported: 06-Jan-15

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05
Lab ID: 1412058-006
Client Sample ID: MW19-120514

Collection Date: 12/5/2014 9:00:00 AM

Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Unit	DF	Date Analyzed
PERMANENT GASES			D1945MOD.		Analyst: bda		
Carbon Dioxide	14.0	0	3.66		mg/L	10	12/10/2014 9:58:00 AM
Methane	0.650	0	0.0665		mg/L	0.5	12/9/2014 2:59:00 PM
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	12/6/2014 12:58:00 AM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	12/6/2014 12:58:00 AM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	12/6/2014 12:58:00 AM
Chloroethane	ND	0.123	1.00		µg/L	1	12/6/2014 12:58:00 AM
cis-1,2-Dichloroethene	ND	0.0450	1.00		µg/L	1	12/6/2014 12:58:00 AM
Tetrachloroethene	0.510	0.0580	1.00	J	µg/L	1	12/6/2014 12:58:00 AM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	12/6/2014 12:58:00 AM
Trichloroethene	ND	0.0470	1.00		µg/L	1	12/6/2014 12:58:00 AM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	12/6/2014 12:58:00 AM
Surr: 1,2-Dichloroethane-d4	107	85.3-116			%REC	1	12/6/2014 12:58:00 AM
Surr: 4-Bromofluorobenzene	110	88.1-120			%REC	1	12/6/2014 12:58:00 AM
Surr: Dibromofluoromethane	111	94.2-122			%REC	1	12/6/2014 12:58:00 AM
Surr: Toluene-d8	98.2	86.2-135			%REC	1	12/6/2014 12:58:00 AM
ANIONS BY ION CHROMATOGRAPHY-RCRA			SW9056		Analyst: ajr		
Chloride	3.83	0.0270	0.250		mg/L	1	12/6/2014 10:24:00 AM
Nitrogen, Nitrate as N	0.771	0.0390	0.0560		mg/L	1	12/6/2014 10:24:00 AM
Nitrogen, Nitrite as N	ND	0.0210	0.0760		mg/L	1	12/6/2014 10:24:00 AM
Sulfate	11.8	0.0530	0.250		mg/L	1	12/6/2014 10:24:00 AM
SULFIDE			SM4500-S2 F		Analyst: BW		
Sulfide (As S)	ND	0.110	1.00		mg/L	1	12/9/2014 12:16:27 PM

Specialty Analytical

Date Reported: 06-Jan-15

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05
Lab ID: 1412058-007
Client Sample ID: MW21-120514

Collection Date: 12/5/2014 10:24:00 AM

Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Unit	DF	Date Analyzed
PERMANENT GASES			D1945MOD.		Analyst: bda		
Carbon Dioxide	50.0	0	3.66		mg/L	10	12/10/2014 10:09:00 AM
Methane	ND	0	0.0665		mg/L	0.5	12/9/2014 3:11:00 PM
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	12/8/2014 12:08:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	12/8/2014 12:08:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	12/8/2014 12:08:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	12/8/2014 12:08:00 PM
cis-1,2-Dichloroethene	ND	0.0450	1.00		µg/L	1	12/8/2014 12:08:00 PM
Tetrachloroethene	104	0.0580	1.00		µg/L	1	12/8/2014 12:08:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	12/8/2014 12:08:00 PM
Trichloroethene	ND	0.0470	1.00		µg/L	1	12/8/2014 12:08:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	12/8/2014 12:08:00 PM
Surr: 1,2-Dichloroethane-d4	115	85.3-116			%REC	1	12/8/2014 12:08:00 PM
Surr: 4-Bromofluorobenzene	107	88.1-120			%REC	1	12/8/2014 12:08:00 PM
Surr: Dibromofluoromethane	113	94.2-122			%REC	1	12/8/2014 12:08:00 PM
Surr: Toluene-d8	96.7	86.2-135			%REC	1	12/8/2014 12:08:00 PM
ANIONS BY ION CHROMATOGRAPHY-RCRA			SW9056		Analyst: ajr		
Chloride	3.20	0.0270	0.250		mg/L	1	12/6/2014 10:41:00 AM
Nitrogen, Nitrate as N	1.87	0.0390	0.0560		mg/L	1	12/6/2014 10:41:00 AM
Nitrogen, Nitrite as N	ND	0.0210	0.0760		mg/L	1	12/6/2014 10:41:00 AM
Sulfate	10.0	0.0530	0.250		mg/L	1	12/6/2014 10:41:00 AM
SULFIDE			SM4500-S2 F		Analyst: BW		
Sulfide (As S)	ND	0.110	1.00		mg/L	1	12/10/2014 8:00:27 AM

Specialty Analytical

Date Reported: 06-Jan-15

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05
Lab ID: 1412058-008
Client Sample ID: MW02-120514

Collection Date: 12/5/2014 11:00:00 AM

Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Unit	DF	Date Analyzed
PERMANENT GASES			D1945MOD.		Analyst: bda		
Carbon Dioxide	30.0	0	3.66		mg/L	10	12/10/2014 10:21:00 AM
Methane	ND	0	0.0665		mg/L	0.5	12/9/2014 3:24:00 PM
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	12/6/2014 1:32:00 AM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	12/6/2014 1:32:00 AM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	12/6/2014 1:32:00 AM
Chloroethane	ND	0.123	1.00		µg/L	1	12/6/2014 1:32:00 AM
cis-1,2-Dichloroethene	ND	0.0450	1.00		µg/L	1	12/6/2014 1:32:00 AM
Tetrachloroethene	0.140	0.0580	1.00	J	µg/L	1	12/6/2014 1:32:00 AM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	12/6/2014 1:32:00 AM
Trichloroethene	ND	0.0470	1.00		µg/L	1	12/6/2014 1:32:00 AM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	12/6/2014 1:32:00 AM
Surr: 1,2-Dichloroethane-d4	108	85.3-116			%REC	1	12/6/2014 1:32:00 AM
Surr: 4-Bromofluorobenzene	107	88.1-120			%REC	1	12/6/2014 1:32:00 AM
Surr: Dibromofluoromethane	111	94.2-122			%REC	1	12/6/2014 1:32:00 AM
Surr: Toluene-d8	98.1	86.2-135			%REC	1	12/6/2014 1:32:00 AM
ANIONS BY ION CHROMATOGRAPHY-RCRA			SW9056		Analyst: ajr		
Chloride	1.24	0.0270	0.250		mg/L	1	12/6/2014 10:58:00 AM
Nitrogen, Nitrate as N	1.18	0.0390	0.0560		mg/L	1	12/6/2014 10:58:00 AM
Nitrogen, Nitrite as N	ND	0.0210	0.0760		mg/L	1	12/6/2014 10:58:00 AM
Sulfate	9.28	0.0530	0.250		mg/L	1	12/6/2014 10:58:00 AM
SULFIDE			SM4500-S2 F		Analyst: BW		
Sulfide (As S)	ND	0.110	1.00		mg/L	1	12/10/2014 8:05:27 AM

Specialty Analytical

Date Reported: 06-Jan-15

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05
Lab ID: 1412058-009
Client Sample ID: MW05-120514

Collection Date: 12/5/2014 11:52:00 AM

Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Unit	DF	Date Analyzed
PERMANENT GASES			D1945MOD.		Analyst: bda		
Carbon Dioxide	28.0	0	3.66		mg/L	10	12/10/2014 10:33:00 AM
Methane	ND	0	0.0665		mg/L	0.5	12/9/2014 4:01:00 PM
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	12/8/2014 2:26:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	12/8/2014 2:26:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	12/8/2014 2:26:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	12/8/2014 2:26:00 PM
cis-1,2-Dichloroethene	ND	0.0450	1.00		µg/L	1	12/8/2014 2:26:00 PM
Tetrachloroethene	427	2.90	50.0		µg/L	50	12/8/2014 1:17:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	12/8/2014 2:26:00 PM
Trichloroethene	2.66	0.0470	1.00		µg/L	1	12/8/2014 2:26:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	12/8/2014 2:26:00 PM
Surr: 1,2-Dichloroethane-d4	110	85.3-116			%REC	1	12/8/2014 2:26:00 PM
Surr: 4-Bromofluorobenzene	108	88.1-120			%REC	1	12/8/2014 2:26:00 PM
Surr: Dibromofluoromethane	116	94.2-122			%REC	1	12/8/2014 2:26:00 PM
Surr: Toluene-d8	95.2	86.2-135			%REC	1	12/8/2014 2:26:00 PM
ANIONS BY ION CHROMATOGRAPHY-RCRA			SW9056		Analyst: ajr		
Chloride	3.56	0.0270	0.250		mg/L	1	12/6/2014 11:15:00 AM
Nitrogen, Nitrate as N	1.01	0.0390	0.0560		mg/L	1	12/6/2014 11:15:00 AM
Nitrogen, Nitrite as N	ND	0.0210	0.0760		mg/L	1	12/6/2014 11:15:00 AM
Sulfate	10.8	0.0530	0.250		mg/L	1	12/6/2014 11:15:00 AM
SULFIDE			SM4500-S2 F		Analyst: BW		
Sulfide (As S)	ND	0.110	1.00		mg/L	1	12/11/2014 7:40:42 AM

Specialty Analytical

Date Reported: 06-Jan-15

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05
Lab ID: 1412058-010
Client Sample ID: MW05-120514-DUP

Collection Date: 12/5/2014 11:52:00 AM

Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Unit	DF	Date Analyzed
PERMANENT GASES			D1945MOD.		Analyst: bda		
Carbon Dioxide	35.0	0	3.66		mg/L	10	12/10/2014 10:44:00 AM
Methane	ND	0	0.0665		mg/L	0.5	12/9/2014 4:14:00 PM
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	12/8/2014 3:01:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	12/8/2014 3:01:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	12/8/2014 3:01:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	12/8/2014 3:01:00 PM
cis-1,2-Dichloroethene	ND	0.0450	1.00		µg/L	1	12/8/2014 3:01:00 PM
Tetrachloroethene	426	2.90	50.0		µg/L	50	12/8/2014 1:51:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	12/8/2014 3:01:00 PM
Trichloroethene	2.85	0.0470	1.00		µg/L	1	12/8/2014 3:01:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	12/8/2014 3:01:00 PM
Surr: 1,2-Dichloroethane-d4	111	85.3-116			%REC	1	12/8/2014 3:01:00 PM
Surr: 4-Bromofluorobenzene	103	88.1-120			%REC	1	12/8/2014 3:01:00 PM
Surr: Dibromofluoromethane	117	94.2-122			%REC	1	12/8/2014 3:01:00 PM
Surr: Toluene-d8	89.9	86.2-135			%REC	1	12/8/2014 3:01:00 PM
ANIONS BY ION CHROMATOGRAPHY-RCRA			SW9056		Analyst: ajr		
Chloride	3.57	0.0270	0.250		mg/L	1	12/6/2014 11:32:00 AM
Nitrogen, Nitrate as N	1.21	0.0390	0.0560		mg/L	1	12/6/2014 11:32:00 AM
Nitrogen, Nitrite as N	ND	0.0210	0.0760		mg/L	1	12/6/2014 11:32:00 AM
Sulfate	10.8	0.0530	0.250		mg/L	1	12/6/2014 11:32:00 AM
SULFIDE			SM4500-S2 F		Analyst: BW		
Sulfide (As S)	ND	0.110	1.00		mg/L	1	12/11/2014 7:45:42 AM

Specialty Analytical

Date Reported: 06-Jan-15

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05
Lab ID: 1412058-011
Client Sample ID: MW20-120514

Collection Date: 12/5/2014 12:45:00 PM

Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Unit	DF	Date Analyzed
PERMANENT GASES			D1945MOD.		Analyst: bda		
Carbon Dioxide	120	0	3.66		mg/L	10	12/10/2014 10:57:00 AM
Methane	ND	0	0.0665		mg/L	0.5	12/9/2014 4:31:00 PM
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	12/8/2014 11:34:00 AM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	12/8/2014 11:34:00 AM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	12/8/2014 11:34:00 AM
Chloroethane	ND	0.123	1.00		µg/L	1	12/8/2014 11:34:00 AM
cis-1,2-Dichloroethene	ND	0.0450	1.00		µg/L	1	12/8/2014 11:34:00 AM
Tetrachloroethene	ND	0.0580	1.00		µg/L	1	12/8/2014 11:34:00 AM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	12/8/2014 11:34:00 AM
Trichloroethene	ND	0.0470	1.00		µg/L	1	12/8/2014 11:34:00 AM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	12/8/2014 11:34:00 AM
Surr: 1,2-Dichloroethane-d4	113	85.3-116			%REC	1	12/8/2014 11:34:00 AM
Surr: 4-Bromofluorobenzene	105	88.1-120			%REC	1	12/8/2014 11:34:00 AM
Surr: Dibromofluoromethane	113	94.2-122			%REC	1	12/8/2014 11:34:00 AM
Surr: Toluene-d8	96.2	86.2-135			%REC	1	12/8/2014 11:34:00 AM
ANIONS BY ION CHROMATOGRAPHY-RCRA			SW9056		Analyst: ajr		
Chloride	3.98	0.0270	0.250		mg/L	1	12/6/2014 12:26:00 PM
Nitrogen, Nitrate as N	0.400	0.0390	0.0560		mg/L	1	12/6/2014 12:26:00 PM
Nitrogen, Nitrite as N	ND	0.0210	0.0760		mg/L	1	12/6/2014 12:26:00 PM
Sulfate	24.2	0.0530	0.250		mg/L	1	12/6/2014 12:26:00 PM
SULFIDE			SM4500-S2 F		Analyst: BW		
Sulfide (As S)	0.388	0.110	1.00	J	mg/L	1	12/11/2014 7:50:42 AM

Specialty Analytical

Date Reported: 06-Jan-15

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05
Lab ID: 1412058-012
Client Sample ID: Trip Blank

Collection Date: 12/5/2014

Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Unit	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	12/5/2014 7:54:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	12/5/2014 7:54:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	12/5/2014 7:54:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	12/5/2014 7:54:00 PM
cis-1,2-Dichloroethene	ND	0.0450	1.00		µg/L	1	12/5/2014 7:54:00 PM
Tetrachloroethene	ND	0.0580	1.00		µg/L	1	12/5/2014 7:54:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	12/5/2014 7:54:00 PM
Trichloroethene	ND	0.0470	1.00		µg/L	1	12/5/2014 7:54:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	12/5/2014 7:54:00 PM
Surr: 1,2-Dichloroethane-d4	111	85.3-116			%REC	1	12/5/2014 7:54:00 PM
Surr: 4-Bromofluorobenzene	110	88.1-120			%REC	1	12/5/2014 7:54:00 PM
Surr: Dibromofluoromethane	114	94.2-122			%REC	1	12/5/2014 7:54:00 PM
Surr: Toluene-d8	96.9	86.2-135			%REC	1	12/5/2014 7:54:00 PM

QC SUMMARY REPORT

WO#: 1412058

06-Jan-15

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

TestCode: 8260_W

Sample ID: CCV MSVWS-2005	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 18004						
Client ID: CCV	Batch ID: R18004	TestNo: SW8260B		Analysis Date: 12/5/2014	SeqNo: 235189						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	67.5	1.00	60.00	0	112	80	120
Vinyl chloride	55.7	1.00	60.00	0	92.8	80	120

Sample ID: LCS MSVWS-2006	SampType: LCS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 18004						
Client ID: LCSW	Batch ID: R18004	TestNo: SW8260B		Analysis Date: 12/5/2014	SeqNo: 235190						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	48.0	1.00	40.00	0	120	61.2	135
Trichloroethene	48.2	1.00	40.00	0	121	68.5	124

Sample ID: A1412019-002BMS	SampType: MS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 18004						
Client ID: ZZZZZZ	Batch ID: R18004	TestNo: SW8260B		Analysis Date: 12/5/2014	SeqNo: 235191						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	38.5	1.00	40.00	0	96.2	47.8	165
Trichloroethene	38.3	1.00	40.00	0	95.8	50.8	164

Sample ID: A1412019-002BMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 18004						
Client ID: ZZZZZZ	Batch ID: R18004	TestNo: SW8260B		Analysis Date: 12/5/2014	SeqNo: 235192						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	37.2	1.00	40.00	0	93.1	47.8	165	38.46	3.20	30
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Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit Page 1 of 11
O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery

QC SUMMARY REPORT

WO#: 1412058

06-Jan-15

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

TestCode: 8260_W

Sample ID: A1412019-002BMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 18004						
Client ID: ZZZZZ	Batch ID: R18004	TestNo: SW8260B		Analysis Date: 12/5/2014	SeqNo: 235192						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	42.0	1.00	40.00	0	105	50.8	164	38.32	9.07	30	

Sample ID: MB	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 18004						
Client ID: PBW	Batch ID: R18004	TestNo: SW8260B		Analysis Date: 12/5/2014	SeqNo: 235193						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Tetrachloroethene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	109		100.0		109	85.3	116				
Surr: 4-Bromofluorobenzene	109		100.0		109	88.1	120				
Surr: Dibromofluoromethane	109		100.0		109	94.2	122				
Surr: Toluene-d8	98.7		100.0		98.7	86.2	135				

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit Page 2 of 11
O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery

QC SUMMARY REPORT

WO#: 1412058

06-Jan-15

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

TestCode: 8260_W

Sample ID: CCV MSVWS-2005	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 18004						
Client ID: CCV	Batch ID: R18004	TestNo: SW8260B		Analysis Date: 12/8/2014	SeqNo: 235204						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	45.4	1.00	40.00	0	113	80	120				
Vinyl chloride	41.1	1.00	40.00	0	103	80	120				

Sample ID: CCB	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 18004						
Client ID: CCB	Batch ID: R18004	TestNo: SW8260B		Analysis Date: 12/8/2014	SeqNo: 235205						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Tetrachloroethene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	106		100.0		106	85.3	116				
Surr: 4-Bromofluorobenzene	109		100.0		109	88.1	120				
Surr: Dibromofluoromethane	109		100.0		109	94.2	122				
Surr: Toluene-d8	94.6		100.0		94.6	86.2	135				

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit Page 3 of 11
O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery

QC SUMMARY REPORT

WO#: 1412058

06-Jan-15

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

TestCode: FIXEDGAS_W

Sample ID: CCV	SampType: CCV	TestCode: FIXEDGAS_W	Units: mg/L	Prep Date:	RunNo: 18021						
Client ID: CCV	Batch ID: R18021	TestNo: D1945Mod.		Analysis Date: 12/9/2014	SeqNo: 235500						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methane	1.40	0.133	1.334	0	105	80	120				

Sample ID: MBLK	SampType: MBLK	TestCode: FIXEDGAS_W	Units: mg/L	Prep Date:	RunNo: 18021						
Client ID: PBW	Batch ID: R18021	TestNo: D1945Mod.		Analysis Date: 12/9/2014	SeqNo: 235501						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methane	ND	0.0665									

Sample ID: 1412025-001DDUP	SampType: DUP	TestCode: FIXEDGAS_W	Units: mg/L	Prep Date:	RunNo: 18021						
Client ID: ZZZZZZ	Batch ID: R18021	TestNo: D1945Mod.		Analysis Date: 12/9/2014	SeqNo: 235503						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methane	ND	0.0665						0	0	30	

Sample ID: 1412058-001DDUP	SampType: DUP	TestCode: FIXEDGAS_W	Units: mg/L	Prep Date:	RunNo: 18021						
Client ID: MW08-120414	Batch ID: R18021	TestNo: D1945Mod.		Analysis Date: 12/9/2014	SeqNo: 235506						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methane	ND	0.0665						0	0	30	

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit Page 4 of 11
O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery

QC SUMMARY REPORT

WO#: 1412058

06-Jan-15

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

TestCode: FIXEDGAS_W

Sample ID: CCV	SampType: CCV	TestCode: FIXEDGAS_W	Units: mg/L	Prep Date:	RunNo: 18021						
Client ID: CCV	Batch ID: R18021	TestNo: D1945Mod.		Analysis Date: 12/10/2014	SeqNo: 235626						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Carbon Dioxide	1.80	0.366	1.834	0	98.1	80	120				
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Sample ID: CCB	SampType: CCB	TestCode: FIXEDGAS_W	Units: mg/L	Prep Date:	RunNo: 18021						
Client ID: CCB	Batch ID: R18021	TestNo: D1945Mod.		Analysis Date: 12/10/2014	SeqNo: 235627						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Carbon Dioxide	ND	0.183									
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Sample ID: 1412025-001DDUP	SampType: DUP	TestCode: FIXEDGAS_W	Units: mg/L	Prep Date:	RunNo: 18021						
Client ID: ZZZZZZ	Batch ID: R18021	TestNo: D1945Mod.		Analysis Date: 12/10/2014	SeqNo: 235629						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Carbon Dioxide	45.0	3.66						43.00	4.55	30	
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Sample ID: 1412058-001DDUP	SampType: DUP	TestCode: FIXEDGAS_W	Units: mg/L	Prep Date:	RunNo: 18021						
Client ID: MW08-120414	Batch ID: R18021	TestNo: D1945Mod.		Analysis Date: 12/10/2014	SeqNo: 235632						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Carbon Dioxide	86.0	3.66						68.00	23.4	30	
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Qualifiers:	B Analyte detected in the associated Method Blank	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit	Page 5 of 11
	O RSD is greater than RSDlimit	R RPD outside accepted recovery limits	S Spike Recovery outside accepted recovery	

QC SUMMARY REPORT

WO#: 1412058

06-Jan-15

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

TestCode: FIXEDGAS_W

Sample ID: CCV	SampType: CCV	TestCode: FIXEDGAS_W	Units: mg/L	Prep Date:	RunNo: 18021						
Client ID: CCV	Batch ID: R18021	TestNo: D1945Mod.	Analysis Date: 12/10/2014	SeqNo: 235643							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon Dioxide	1.70	0.366	1.834	0	92.7	80	120				

QC SUMMARY REPORT

WO#: 1412058

06-Jan-15

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

TestCode: IC_GW

Sample ID: CCV 15	SampType: CCV	TestCode: IC_GW	Units: mg/L	Prep Date:	RunNo: 18008						
Client ID: CCV	Batch ID: R18008	TestNo: SW9056		Analysis Date: 12/6/2014	SeqNo: 235250						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	16.0	0.250	15.00	0	107	90	110				
Nitrogen, Nitrate as N	3.71	0.0560	3.387	0	109	90	110				
Nitrogen, Nitrite as N	4.96	0.0760	4.565	0	109	90	110				
Sulfate	16.4	0.250	15.00	0	109	90	110				

Sample ID: 1412058-001ADUP	SampType: DUP	TestCode: IC_GW	Units: mg/L	Prep Date:	RunNo: 18008						
Client ID: MW08-120414	Batch ID: R18008	TestNo: SW9056		Analysis Date: 12/6/2014	SeqNo: 235252						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	4.54	0.250						4.432	2.42	20	
Nitrogen, Nitrate as N	0.476	0.0560						0.4646	2.37	20	
Nitrogen, Nitrite as N	ND	0.0760						0	0	20	
Sulfate	9.14	0.250						9.189	0.490	20	

Sample ID: 1412058-010ADUP	SampType: DUP	TestCode: IC_GW	Units: mg/L	Prep Date:	RunNo: 18008						
Client ID: MW05-120514-DUP	Batch ID: R18008	TestNo: SW9056		Analysis Date: 12/6/2014	SeqNo: 235253						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	3.56	0.250						3.573	0.243	20	
Nitrogen, Nitrate as N	1.14	0.0560						1.209	5.67	20	
Nitrogen, Nitrite as N	ND	0.0760						0	0	20	
Sulfate	10.8	0.250						10.81	0.112	20	

Qualifiers: B Analyte detected in the associated Method Blank
 O RSD is greater than RSDlimit

H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits

ND Not Detected at the Reporting Limit
 S Spike Recovery outside accepted recovery

QC SUMMARY REPORT

WO#: 1412058

06-Jan-15

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

TestCode: IC_GW

Sample ID: 1412058-001AMS	SampType: MS	TestCode: IC_GW	Units: mg/L	Prep Date:	RunNo: 18008						
Client ID: MW08-120414	Batch ID: R18008	TestNo: SW9056		Analysis Date: 12/6/2014	SeqNo: 235254						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	9.68	0.250	5.000	4.432	105	75	125				
Nitrogen, Nitrate as N	1.67	0.0560	1.129	0.4646	106	75	125				
Nitrogen, Nitrite as N	1.67	0.0760	1.522	0	110	75	125				
Sulfate	14.1	0.250	5.000	9.189	97.7	75	125				

Sample ID: 1412058-001AMSD	SampType: MSD	TestCode: IC_GW	Units: mg/L	Prep Date:	RunNo: 18008						
Client ID: MW08-120414	Batch ID: R18008	TestNo: SW9056		Analysis Date: 12/6/2014	SeqNo: 235255						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	9.62	0.250	5.000	4.432	104	75	125	9.679	0.621	20	
Nitrogen, Nitrate as N	1.66	0.0560	1.129	0.4646	106	75	125	1.667	0.188	20	
Nitrogen, Nitrite as N	1.63	0.0760	1.522	0	107	75	125	1.669	2.17	20	
Sulfate	14.2	0.250	5.000	9.189	100	75	125	14.07	0.810	20	

Sample ID: 1412058-010AMS	SampType: MS	TestCode: IC_GW	Units: mg/L	Prep Date:	RunNo: 18008						
Client ID: MW05-120514-DUP	Batch ID: R18008	TestNo: SW9056		Analysis Date: 12/6/2014	SeqNo: 235256						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	8.63	0.250	5.000	3.573	101	75	125				
Nitrogen, Nitrate as N	2.18	0.0560	1.129	1.209	86.2	75	125				
Nitrogen, Nitrite as N	1.42	0.0760	1.522	0	93.6	75	125				
Sulfate	16.7	0.250	5.000	10.81	117	75	125				

Qualifiers: B Analyte detected in the associated Method Blank
 O RSD is greater than RSDlimit

H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits

ND Not Detected at the Reporting Limit
 S Spike Recovery outside accepted recovery

QC SUMMARY REPORT

WO#: 1412058

06-Jan-15

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

TestCode: IC_GW

Sample ID: 1412058-010AMSD	SampType: MSD	TestCode: IC_GW	Units: mg/L	Prep Date:	RunNo: 18008						
Client ID: MW05-120514-DUP	Batch ID: R18008	TestNo: SW9056		Analysis Date: 12/6/2014	SeqNo: 235257						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	8.82	0.250	5.000	3.573	105	75	125	8.627	2.20	20	
Nitrogen, Nitrate as N	2.26	0.0560	1.129	1.209	92.8	75	125	2.183	3.32	20	
Nitrogen, Nitrite as N	1.48	0.0760	1.522	0	97.4	75	125	1.424	3.97	20	
Sulfate	16.6	0.250	5.000	10.81	116	75	125	16.65	0.158	20	

Sample ID: CCV 15	SampType: CCV	TestCode: IC_GW	Units: mg/L	Prep Date:	RunNo: 18008						
Client ID: CCV	Batch ID: R18008	TestNo: SW9056		Analysis Date: 12/6/2014	SeqNo: 235258						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	15.9	0.250	15.00	0	106	90	110				
Nitrogen, Nitrate as N	3.72	0.0560	3.387	0	110	90	110				
Nitrogen, Nitrite as N	5.01	0.0760	4.565	0	110	90	110				
Sulfate	16.5	0.250	15.00	0	110	90	110				

Sample ID: CCV 25	SampType: CCV	TestCode: IC_GW	Units: mg/L	Prep Date:	RunNo: 18008						
Client ID: CCV	Batch ID: R18008	TestNo: SW9056		Analysis Date: 12/6/2014	SeqNo: 235259						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	25.2	0.250	25.00	0	101	90	110				
Nitrogen, Nitrate as N	5.87	0.0560	5.645	0	104	90	110				
Nitrogen, Nitrite as N	7.24	0.0760	7.609	0	95.1	90	110				
Sulfate	27.2	0.250	25.00	0	109	90	110				

Qualifiers:	B Analyte detected in the associated Method Blank O RSD is greater than RSDlimit	H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits	ND Not Detected at the Reporting Limit S Spike Recovery outside accepted recovery	Page 9 of 11
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QC SUMMARY REPORT

WO#: 1412058

06-Jan-15

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

TestCode: IC_GW

Sample ID: LCS 15	SampType: LCS	TestCode: IC_GW	Units: mg/L	Prep Date:	RunNo: 18008						
Client ID: LCSW	Batch ID: R18008	TestNo: SW9056		Analysis Date: 12/6/2014	SeqNo: 235260						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	15.2	0.250	15.00	0	101	85	115				
Nitrogen, Nitrate as N	3.49	0.0560	3.387	0	103	85	115				
Nitrogen, Nitrite as N	4.65	0.0760	4.565	0	102	85	115				
Sulfate	16.2	0.250	15.00	0	108	85	115				

Sample ID: LOW CHK 0.25	SampType: ICV	TestCode: IC_GW	Units: mg/L	Prep Date:	RunNo: 18008						
Client ID: ICV	Batch ID: R18008	TestNo: SW9056		Analysis Date: 12/6/2014	SeqNo: 235261						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	0.210	0.250	0.2500	0	83.9	70	130				
Nitrogen, Nitrate as N	0.0684	0.0560	0.05645	0	121	70	130				
Nitrogen, Nitrite as N	0.0801	0.0760	0.07609	0	105	70	130				
Sulfate	0.243	0.250	0.2500	0	97.0	70	130				

Sample ID: MBLK	SampType: MBLK	TestCode: IC_GW	Units: mg/L	Prep Date:	RunNo: 18008						
Client ID: PBW	Batch ID: R18008	TestNo: SW9056		Analysis Date: 12/6/2014	SeqNo: 235262						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	ND	0.250									
Nitrogen, Nitrate as N	ND	0.0560									
Nitrogen, Nitrite as N	0.0533	0.0760									J
Sulfate	ND	0.250									

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit Page 10 of 11
O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery

QC SUMMARY REPORT

WO#: 1412058

06-Jan-15

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

TestCode: SULFIDE_W

Sample ID: 1412058-008BDUP	SampType: DUP	TestCode: SULFIDE_W	Units: mg/L	Prep Date:	RunNo: 18052						
Client ID: MW02-120514	Batch ID: R18052	TestNo: SM4500-S2 F		Analysis Date: 12/10/2014	SeqNo: 235890						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sulfide (As S)	ND	1.00						0	0	20	

Sample ID: 1412084-008BDUP	SampType: DUP	TestCode: SULFIDE_W	Units: mg/L	Prep Date:	RunNo: 18053						
Client ID: ZZZZZZ	Batch ID: R18053	TestNo: SM4500-S2 F		Analysis Date: 12/11/2014	SeqNo: 236015						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sulfide (As S)	1.16	1.00						1.165	0	20	

Sample ID: 1412058-010BDUP	SampType: DUP	TestCode: SULFIDE_W	Units: mg/L	Prep Date:	RunNo: 18053						
Client ID: MW05-120514-DUP	Batch ID: R18053	TestNo: SM4500-S2 F		Analysis Date: 12/11/2014	SeqNo: 236016						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sulfide (As S)	0.777	1.00						0	200	20	J

KEY TO FLAGS

Rev. May 12, 2010

- A This sample contains a Gasoline Range Organic not identified as a specific hydrocarbon product. The result was quantified against gasoline calibration standards
- A1 This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was quantified against diesel calibration standards.
- A2 This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was quantified against a lube oil calibration standard.
- A3 The result was determined to be Non-Detect based on hydrocarbon pattern recognition. The product was carry-over from another hydrocarbon type.
- A4 The product appears to be aged or degraded diesel.
- B The blank exhibited a positive result great than the reporting limit for this compound.
- CN See Case Narrative.
- D Result is based from a dilution.
- E Result exceeds the calibration range for this compound. The result should be considered as estimate.
- F The positive result for this hydrocarbon is due to single component contamination. The product does not match any hydrocarbon in the fuels library.
- G Result may be biased high due to biogenic interferences. Clean up is recommended.
- H Sample was analyzed outside recommended holding time.
- HT At clients request, samples was analyzed outside of recommended holding time.
- J The result for this analyte is between the MDL and the PQL and should be considered as estimated concentration.
- K Diesel result is biased high due to amount of Oil contained in the sample.
- L Diesel result is biased high due to amount of Gasoline contained in the sample.
- M Oil result is biased high due to amount of Diesel contained in the sample.
- MC Sample concentration is greater than 4x the spiked value, the spiked value is considered insignificant.
- MI Result is outside control limits due to matrix interference.
- MSA Value determined by Method of Standard Addition.
- O Laboratory Control Standard (LCS) exceeded laboratory control limits, but meets CCV criteria. Data meets EPA requirements.
- Q Detection levels elevated due to sample matrix.
- R RPD control limits were exceeded.
- RF Duplicate failed due to result being at or near the method-reporting limit.
- RP Matrix spike values exceed established QC limits; post digestion spike is in control.
- S Recovery is outside control limits.
- SC Closing CCV or LCS exceeded high recovery control limits, but associated samples are non-detect. Data meets EPA requirements.
- * The result for this parameter was greater than the maximum contaminant level of the TCLP regulatory limit.

CHAIN OF CUSTODY RECORD

Specialty Analytical
 11711 SE Capps Road
 Clackamas, OR 97015
 Phone: 503-607-1331
 Fax: 503-607-1336

Contact Person/Project Manager Merideth D'Andrea
 Company Maul Foster & Alonzi, Inc.
 Address 400 E. Mill Plain Blvd, Suite 400
Vancouver, WA 98660
 Phone 360-694-2691 Fax
 Project No. 8006.3105 Project Name Park Laundry
 Project Site Location OR WA Other ✓
 Invoice To MFA P.O. No.

Collected By: Kelly R. T. Kemmer
 Signature: [Signature]
 Printed: Kelly R. T. Kemmer

Signature: _____
 Printed: _____

Turn Around Time _____
 Normal 5-7 Business Days
 Rush _____ Specify _____

Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix	No. of Containers	Received By:	Company:	Date	Time
12/4/14	10:30	MW08-120414	GW	9	[Signature]	MFA	12/5/14	14:30
↓	12:41	MW01-120414	↓	↓				
↓	12:43	MW03-120414	↓	↓				
↓	15:35	MW18-120414	↓	↓				
12/5/14	08:25	MW06-120514	GW	9	[Signature]	MFA	12/5/14	14:30
↓	09:00	MW19-120514	↓	↓				
↓	10:24	MW21-120514	↓	↓				
↓	11:00	MW02-120514	↓	↓				
↓	11:52	MW05-120514	↓	↓				
↓	11:52	MW05-120514-DUP	↓	↓				
↓	12:45	MW20-120514	↓	↓				
12/5/14	-	TRIP BLANK	H ₂ O	2	[Signature]	MFA	12/5/14	14:30

Analyses	For Laboratory Use	
	Lab Job No.	Lab I.D.
VOCs (8260B)*	412058	
Carbon dioxide (ASTM D1945)	Shipped Via <u>Specialty</u>	
Methane (ASTM D1945)	Air Bill No. _____	
Nitrite (ASTM D1945)	Temperature On Receipt <u>4</u> °C	
Nitrate (ASTM D1945)	Specialty Analytical Containers? Y/N	
Nitrate (USEPA Method 9056A)	Specialty Analytical Trip Blanks? Y/N	
Nitrite (USEPA Method 9056A)	Comments	
Chloride (USEPA Method 9056A)	* VOCs include:	
Sulfate (USEPA Method 9056A)	1,1-DCE	
Sulfide (USEPA Method 9056A)	cis-1,2-DCE	
	PCE	
	trans-1,2-DCE	
	TCE	
	Vinyl chloride	
	1,1-DCA	
	1,2-DCA	
	Chloroethane	

Relinquished By: [Signature]
 Company: MFA
 Date: 12/5/14
 Time: 16:10

Received For Lab By: [Signature]
 Company: Underhill yard
 Date: 12/5/14
 Time: 16:10

Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.
 Samples held beyond 60 days subject to storage fees(s)



Specialty Analytical

11711 SE Capps Road, Ste B
Clackamas, Oregon 97015
TEL: 503-607-1331 FAX: 503-607-1336
Website: www.specialtyanalytical.com

January 06, 2015

Merideth D'Andrea
Maul Foster & Alongi
400 E. Mill Plain Blvd.
Suite 400
Vancouver, WA 98660
TEL: (503) 501-5216
FAX (360) 906-1958
RE: Park Laundry / 8006.31.05

Dear Merideth D'Andrea:

Order No.: 1412084

Specialty Analytical received 9 sample(s) on 12/9/2014 for the analyses presented in the following report.

REVISED REPORT: Please see case narrative for information on revision.

There were no problems with the analysis and all data for associated QC met EPA or laboratory specifications, except where noted in the Case Narrative, or as qualified with flags. Results apply only to the samples analyzed. Without approval of the laboratory, the reproduction of this report is only permitted in its entirety.

If you have any questions regarding these tests, please feel free to call.

Sincerely,

A handwritten signature in black ink, appearing to read "Marty French". The signature is stylized and cursive.

Marty French
Lab Director

Case Narrative

WO#: 1412084

Date: 1/6/2015

Specialty Analytical

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

Report Revision 1.

This report revision includes corrected results for fixed gases. Original results were incorrectly reported for some samples that were below the Practical Quantitation Limit (PQL). Revised results are now reported as not detected at the PQL.

Specialty Analytical

Date Reported: 06-Jan-15

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05
Lab ID: 1412084-001
Client Sample ID: MW04-120814

Collection Date: 12/8/2014 8:44:00 AM

Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Unit	DF	Date Analyzed
PERMANENT GASES			D1945MOD.		Analyst: bda		
Carbon Dioxide	18.0	0	3.66		mg/L	10	12/10/2014 12:37:00 PM
Methane	ND	0	0.0665		mg/L	0.5	12/10/2014 2:34:00 PM
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	12/10/2014 7:52:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	12/10/2014 7:52:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	12/10/2014 7:52:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	12/10/2014 7:52:00 PM
cis-1,2-Dichloroethene	ND	0.0450	1.00		µg/L	1	12/10/2014 7:52:00 PM
Tetrachloroethene	6.96	0.0580	1.00		µg/L	1	12/10/2014 7:52:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	12/10/2014 7:52:00 PM
Trichloroethene	ND	0.0470	1.00		µg/L	1	12/10/2014 7:52:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	12/10/2014 7:52:00 PM
Surr: 1,2-Dichloroethane-d4	113	85.3-116			%REC	1	12/10/2014 7:52:00 PM
Surr: 4-Bromofluorobenzene	111	88.1-120			%REC	1	12/10/2014 7:52:00 PM
Surr: Dibromofluoromethane	104	94.2-122			%REC	1	12/10/2014 7:52:00 PM
Surr: Toluene-d8	96.2	86.2-135			%REC	1	12/10/2014 7:52:00 PM
ANIONS BY ION CHROMATOGRAPHY-RCRA			SW9056		Analyst: ajr		
Chloride	3.90	0.0270	0.250		mg/L	1	12/10/2014 8:28:00 AM
Nitrogen, Nitrate as N	2.65	0.0390	0.0560		mg/L	1	12/10/2014 8:28:00 AM
Nitrogen, Nitrite as N	ND	0.0210	0.0760		mg/L	1	12/10/2014 8:28:00 AM
Sulfate	7.65	0.0530	0.250		mg/L	1	12/10/2014 8:28:00 AM
SULFIDE			SM4500-S2 F		Analyst: BW		
Sulfide (As S)	ND	0.110	1.00		mg/L	1	12/11/2014 7:00:42 AM

Specialty Analytical

Date Reported: 06-Jan-15

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05
Lab ID: 1412084-002
Client Sample ID: MW09-120814

Collection Date: 12/8/2014 9:31:00 AM

Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Unit	DF	Date Analyzed
PERMANENT GASES			D1945MOD.		Analyst: bda		
Carbon Dioxide	50.0	0	3.66		mg/L	10	12/10/2014 1:05:00 PM
Methane	ND	0	0.0665		mg/L	0.5	12/11/2014 8:15:00 AM
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	12/10/2014 4:06:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	12/10/2014 4:06:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	12/10/2014 4:06:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	12/10/2014 4:06:00 PM
cis-1,2-Dichloroethene	ND	0.0450	1.00		µg/L	1	12/10/2014 4:06:00 PM
Tetrachloroethene	22.7	0.0580	1.00		µg/L	1	12/10/2014 4:06:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	12/10/2014 4:06:00 PM
Trichloroethene	80.2	0.0470	1.00		µg/L	1	12/10/2014 4:06:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	12/10/2014 4:06:00 PM
Surr: 1,2-Dichloroethane-d4	113	85.3-116			%REC	1	12/10/2014 4:06:00 PM
Surr: 4-Bromofluorobenzene	111	88.1-120			%REC	1	12/10/2014 4:06:00 PM
Surr: Dibromofluoromethane	104	94.2-122			%REC	1	12/10/2014 4:06:00 PM
Surr: Toluene-d8	94.9	86.2-135			%REC	1	12/10/2014 4:06:00 PM
ANIONS BY ION CHROMATOGRAPHY-RCRA			SW9056		Analyst: ajr		
Chloride	4.26	0.0270	0.250		mg/L	1	12/10/2014 8:45:00 AM
Nitrogen, Nitrate as N	0.0913	0.0390	0.0560		mg/L	1	12/10/2014 8:45:00 AM
Nitrogen, Nitrite as N	ND	0.0210	0.0760		mg/L	1	12/10/2014 8:45:00 AM
Sulfate	8.88	0.0530	0.250		mg/L	1	12/10/2014 8:45:00 AM
SULFIDE			SM4500-S2 F		Analyst: BW		
Sulfide (As S)	ND	0.110	1.00		mg/L	1	12/11/2014 7:05:42 AM

Specialty Analytical

Date Reported: 06-Jan-15

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05
Lab ID: 1412084-003
Client Sample ID: MW14-120814

Collection Date: 12/8/2014 11:22:00 AM

Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Unit	DF	Date Analyzed
PERMANENT GASES			D1945MOD.		Analyst: bda		
Carbon Dioxide	26.0	0	3.66		mg/L	10	12/10/2014 1:17:00 PM
Methane	ND	0	0.0665		mg/L	0.5	12/11/2014 8:34:00 AM
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	12/10/2014 4:38:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	12/10/2014 4:38:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	12/10/2014 4:38:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	12/10/2014 4:38:00 PM
cis-1,2-Dichloroethene	ND	0.0450	1.00		µg/L	1	12/10/2014 4:38:00 PM
Tetrachloroethene	0.290	0.0580	1.00	J	µg/L	1	12/10/2014 4:38:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	12/10/2014 4:38:00 PM
Trichloroethene	ND	0.0470	1.00		µg/L	1	12/10/2014 4:38:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	12/10/2014 4:38:00 PM
Surr: 1,2-Dichloroethane-d4	112	85.3-116			%REC	1	12/10/2014 4:38:00 PM
Surr: 4-Bromofluorobenzene	109	88.1-120			%REC	1	12/10/2014 4:38:00 PM
Surr: Dibromofluoromethane	104	94.2-122			%REC	1	12/10/2014 4:38:00 PM
Surr: Toluene-d8	96.1	86.2-135			%REC	1	12/10/2014 4:38:00 PM
ANIONS BY ION CHROMATOGRAPHY-RCRA			SW9056		Analyst: ajr		
Chloride	6.96	0.0270	0.250		mg/L	1	12/10/2014 9:02:00 AM
Nitrogen, Nitrate as N	0.731	0.0390	0.0560		mg/L	1	12/10/2014 9:02:00 AM
Nitrogen, Nitrite as N	ND	0.0210	0.0760		mg/L	1	12/10/2014 9:02:00 AM
Sulfate	6.34	0.0530	0.250		mg/L	1	12/10/2014 9:02:00 AM
SULFIDE			SM4500-S2 F		Analyst: BW		
Sulfide (As S)	0.388	0.110	1.00	J	mg/L	1	12/11/2014 7:10:42 AM

Specialty Analytical

Date Reported: 06-Jan-15

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05
Lab ID: 1412084-004
Client Sample ID: MW10-120814

Collection Date: 12/8/2014 3:08:00 PM

Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Unit	DF	Date Analyzed
PERMANENT GASES			D1945MOD.		Analyst: bda		
Carbon Dioxide	13.0	0	3.66		mg/L	10	12/10/2014 1:30:00 PM
Methane	ND	0	0.0665		mg/L	0.5	12/11/2014 8:46:00 AM
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	12/10/2014 7:20:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	12/10/2014 7:20:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	12/10/2014 7:20:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	12/10/2014 7:20:00 PM
cis-1,2-Dichloroethene	ND	0.0450	1.00		µg/L	1	12/10/2014 7:20:00 PM
Tetrachloroethene	54.5	0.0580	1.00		µg/L	1	12/10/2014 7:20:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	12/10/2014 7:20:00 PM
Trichloroethene	45.4	0.0470	1.00		µg/L	1	12/10/2014 7:20:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	12/10/2014 7:20:00 PM
Surr: 1,2-Dichloroethane-d4	105	85.3-116			%REC	1	12/10/2014 7:20:00 PM
Surr: 4-Bromofluorobenzene	111	88.1-120			%REC	1	12/10/2014 7:20:00 PM
Surr: Dibromofluoromethane	99.2	94.2-122			%REC	1	12/10/2014 7:20:00 PM
Surr: Toluene-d8	97.8	86.2-135			%REC	1	12/10/2014 7:20:00 PM
ANIONS BY ION CHROMATOGRAPHY-RCRA			SW9056		Analyst: ajr		
Chloride	3.44	0.0270	0.250		mg/L	1	12/10/2014 9:18:00 AM
Nitrogen, Nitrate as N	0.670	0.0390	0.0560		mg/L	1	12/10/2014 9:18:00 AM
Nitrogen, Nitrite as N	ND	0.0210	0.0760		mg/L	1	12/10/2014 9:18:00 AM
Sulfate	6.78	0.0530	0.250		mg/L	1	12/10/2014 9:18:00 AM
SULFIDE			SM4500-S2 F		Analyst: BW		
Sulfide (As S)	1.16	0.110	1.00		mg/L	1	12/11/2014 7:15:42 AM

Specialty Analytical

Date Reported: 06-Jan-15

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05
Lab ID: 1412084-005
Client Sample ID: MW07-120814

Collection Date: 12/8/2014 3:58:00 PM

Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Unit	DF	Date Analyzed
PERMANENT GASES			D1945MOD.		Analyst: bda		
Carbon Dioxide	31.0	0	3.66		mg/L	10	12/10/2014 1:42:00 PM
Methane	ND	0	0.0665		mg/L	0.5	12/11/2014 8:58:00 AM
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	12/10/2014 5:11:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	12/10/2014 5:11:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	12/10/2014 5:11:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	12/10/2014 5:11:00 PM
cis-1,2-Dichloroethene	ND	0.0450	1.00		µg/L	1	12/10/2014 5:11:00 PM
Tetrachloroethene	37.9	0.0580	1.00		µg/L	1	12/10/2014 5:11:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	12/10/2014 5:11:00 PM
Trichloroethene	ND	0.0470	1.00		µg/L	1	12/10/2014 5:11:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	12/10/2014 5:11:00 PM
Surr: 1,2-Dichloroethane-d4	114	85.3-116			%REC	1	12/10/2014 5:11:00 PM
Surr: 4-Bromofluorobenzene	109	88.1-120			%REC	1	12/10/2014 5:11:00 PM
Surr: Dibromofluoromethane	104	94.2-122			%REC	1	12/10/2014 5:11:00 PM
Surr: Toluene-d8	96.4	86.2-135			%REC	1	12/10/2014 5:11:00 PM
ANIONS BY ION CHROMATOGRAPHY-RCRA			SW9056		Analyst: ajr		
Chloride	5.64	0.0270	0.250		mg/L	1	12/10/2014 9:35:00 AM
Nitrogen, Nitrate as N	1.24	0.0390	0.0560		mg/L	1	12/10/2014 9:35:00 AM
Nitrogen, Nitrite as N	ND	0.0210	0.0760		mg/L	1	12/10/2014 9:35:00 AM
Sulfate	4.78	0.0530	0.250		mg/L	1	12/10/2014 9:35:00 AM
SULFIDE			SM4500-S2 F		Analyst: BW		
Sulfide (As S)	0.388	0.110	1.00	J	mg/L	1	12/11/2014 7:20:42 AM

Specialty Analytical

Date Reported: 06-Jan-15

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05
Lab ID: 1412084-006
Client Sample ID: MW17-120914

Collection Date: 12/9/2014 10:10:00 AM

Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Unit	DF	Date Analyzed
PERMANENT GASES			D1945MOD.		Analyst: bda		
Carbon Dioxide	28.0	0	3.66		mg/L	10	12/10/2014 1:57:00 PM
Methane	ND	0	0.0665		mg/L	0.5	12/11/2014 9:10:00 AM
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	12/10/2014 6:47:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	12/10/2014 6:47:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	12/10/2014 6:47:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	12/10/2014 6:47:00 PM
cis-1,2-Dichloroethene	ND	0.0450	1.00		µg/L	1	12/10/2014 6:47:00 PM
Tetrachloroethene	0.390	0.0580	1.00	J	µg/L	1	12/10/2014 6:47:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	12/10/2014 6:47:00 PM
Trichloroethene	ND	0.0470	1.00		µg/L	1	12/10/2014 6:47:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	12/10/2014 6:47:00 PM
Surr: 1,2-Dichloroethane-d4	111	85.3-116			%REC	1	12/10/2014 6:47:00 PM
Surr: 4-Bromofluorobenzene	109	88.1-120			%REC	1	12/10/2014 6:47:00 PM
Surr: Dibromofluoromethane	100	94.2-122			%REC	1	12/10/2014 6:47:00 PM
Surr: Toluene-d8	97.6	86.2-135			%REC	1	12/10/2014 6:47:00 PM
ANIONS BY ION CHROMATOGRAPHY-RCRA			SW9056		Analyst: ajr		
Chloride	9.36	0.0270	0.250		mg/L	1	12/10/2014 9:52:00 AM
Nitrogen, Nitrate as N	ND	0.0390	0.0560		mg/L	1	12/10/2014 9:52:00 AM
Nitrogen, Nitrite as N	ND	0.0210	0.0760		mg/L	1	12/10/2014 9:52:00 AM
Sulfate	17.0	0.0530	0.250		mg/L	1	12/10/2014 9:52:00 AM
SULFIDE			SM4500-S2 F		Analyst: BW		
Sulfide (As S)	1.55	0.110	1.00		mg/L	1	12/11/2014 7:25:42 AM

Specialty Analytical

Date Reported: 06-Jan-15

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05
Lab ID: 1412084-007
Client Sample ID: MW13-120914

Collection Date: 12/9/2014 11:44:00 AM

Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Unit	DF	Date Analyzed
PERMANENT GASES			D1945MOD.		Analyst: bda		
Carbon Dioxide	38.0	0	3.66		mg/L	10	12/10/2014 2:09:00 PM
Methane	ND	0	0.0665		mg/L	0.5	12/11/2014 9:29:00 AM
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	12/10/2014 5:43:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	12/10/2014 5:43:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	12/10/2014 5:43:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	12/10/2014 5:43:00 PM
cis-1,2-Dichloroethene	ND	0.0450	1.00		µg/L	1	12/10/2014 5:43:00 PM
Tetrachloroethene	201	0.290	5.00		µg/L	5	12/12/2014 12:52:00 PI
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	12/10/2014 5:43:00 PM
Trichloroethene	43.2	0.0470	1.00		µg/L	1	12/10/2014 5:43:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	12/10/2014 5:43:00 PM
Surr: 1,2-Dichloroethane-d4	111	85.3-116			%REC	1	12/10/2014 5:43:00 PM
Surr: 4-Bromofluorobenzene	112	88.1-120			%REC	1	12/10/2014 5:43:00 PM
Surr: Dibromofluoromethane	103	94.2-122			%REC	1	12/10/2014 5:43:00 PM
Surr: Toluene-d8	95.2	86.2-135			%REC	1	12/10/2014 5:43:00 PM
ANIONS BY ION CHROMATOGRAPHY-RCRA			SW9056		Analyst: ajr		
Chloride	6.45	0.0270	0.250		mg/L	1	12/10/2014 10:09:00 AI
Nitrogen, Nitrate as N	6.06	0.0390	0.0560		mg/L	1	12/10/2014 10:09:00 AI
Nitrogen, Nitrite as N	ND	0.0210	0.0760		mg/L	1	12/10/2014 10:09:00 AI
Sulfate	8.98	0.0530	0.250		mg/L	1	12/10/2014 10:09:00 AI
SULFIDE			SM4500-S2 F		Analyst: BW		
Sulfide (As S)	0.388	0.110	1.00	J	mg/L	1	12/11/2014 7:30:42 AM

Specialty Analytical

Date Reported: 06-Jan-15

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05
Lab ID: 1412084-008
Client Sample ID: MW11-120914

Collection Date: 12/9/2014 1:06:00 PM

Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Unit	DF	Date Analyzed
PERMANENT GASES			D1945MOD.			Analyst: bda	
Carbon Dioxide	45.0	0	3.66		mg/L	10	12/10/2014 2:20:00 PM
Methane	ND	0	0.0665		mg/L	0.5	12/11/2014 9:42:00 AM
VOLATILE ORGANICS BY GC/MS			SW8260B			Analyst: CK	
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	12/10/2014 6:15:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	12/10/2014 6:15:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	12/10/2014 6:15:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	12/10/2014 6:15:00 PM
cis-1,2-Dichloroethene	ND	0.0450	1.00		µg/L	1	12/10/2014 6:15:00 PM
Tetrachloroethene	23.5	0.0580	1.00		µg/L	1	12/12/2014 1:23:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	12/10/2014 6:15:00 PM
Trichloroethene	6.79	0.0470	1.00		µg/L	1	12/10/2014 6:15:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	12/10/2014 6:15:00 PM
Surr: 1,2-Dichloroethane-d4	110	85.3-116			%REC	1	12/10/2014 6:15:00 PM
Surr: 4-Bromofluorobenzene	113	88.1-120			%REC	1	12/10/2014 6:15:00 PM
Surr: Dibromofluoromethane	104	94.2-122			%REC	1	12/10/2014 6:15:00 PM
Surr: Toluene-d8	94.8	86.2-135			%REC	1	12/10/2014 6:15:00 PM
ANIONS BY ION CHROMATOGRAPHY-RCRA			SW9056			Analyst: ajr	
Chloride	3.65	0.0270	0.250		mg/L	1	12/10/2014 10:26:00 AI
Nitrogen, Nitrate as N	1.95	0.0390	0.0560		mg/L	1	12/10/2014 10:26:00 AI
Nitrogen, Nitrite as N	ND	0.0210	0.0760		mg/L	1	12/10/2014 10:26:00 AI
Sulfate	9.01	0.0530	0.250		mg/L	1	12/10/2014 10:26:00 AI
SULFIDE			SM4500-S2 F			Analyst: BW	
Sulfide (As S)	1.16	0.110	1.00		mg/L	1	12/11/2014 7:35:42 AM

Specialty Analytical

Date Reported: 06-Jan-15

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05
Lab ID: 1412084-009
Client Sample ID: Trip Blank_120914

Collection Date: 12/9/2014

Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Unit	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0250	1.00		µg/L	1	12/10/2014 3:01:00 PM
1,1-Dichloroethene	ND	0.0690	1.00		µg/L	1	12/10/2014 3:01:00 PM
1,2-Dichloroethane	ND	0.0250	1.00		µg/L	1	12/10/2014 3:01:00 PM
Chloroethane	ND	0.123	1.00		µg/L	1	12/10/2014 3:01:00 PM
cis-1,2-Dichloroethene	ND	0.0450	1.00		µg/L	1	12/10/2014 3:01:00 PM
Tetrachloroethene	ND	0.0580	1.00		µg/L	1	12/10/2014 3:01:00 PM
trans-1,2-Dichloroethene	ND	0.0380	1.00		µg/L	1	12/10/2014 3:01:00 PM
Trichloroethene	ND	0.0470	1.00		µg/L	1	12/10/2014 3:01:00 PM
Vinyl chloride	ND	0.0760	1.00		µg/L	1	12/10/2014 3:01:00 PM
Surr: 1,2-Dichloroethane-d4	108	85.3-116			%REC	1	12/10/2014 3:01:00 PM
Surr: 4-Bromofluorobenzene	110	88.1-120			%REC	1	12/10/2014 3:01:00 PM
Surr: Dibromofluoromethane	99.4	94.2-122			%REC	1	12/10/2014 3:01:00 PM
Surr: Toluene-d8	96.6	86.2-135			%REC	1	12/10/2014 3:01:00 PM

QC SUMMARY REPORT

WO#: 1412084

06-Jan-15

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

TestCode: 8260_W

Sample ID: CCV MSVWS-2005	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 18063						
Client ID: CCV	Batch ID: R18063	TestNo: SW8260B		Analysis Date: 12/10/2014	SeqNo: 236143						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	46.7	1.00	40.00	0	117	80	120				
Vinyl chloride	38.8	1.00	40.00	0	97.1	80	120				

Sample ID: 1412084-001CMS	SampType: MS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 18063						
Client ID: MW04-120814	Batch ID: R18063	TestNo: SW8260B		Analysis Date: 12/10/2014	SeqNo: 236144						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	230	10.0	200.0	0	115	47.8	165				
Trichloroethene	192	10.0	200.0	0	95.8	50.8	164				

Sample ID: 1412084-001CMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 18063						
Client ID: MW04-120814	Batch ID: R18063	TestNo: SW8260B		Analysis Date: 12/10/2014	SeqNo: 236145						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	209	10.0	200.0	0	104	47.8	165	229.9	9.62	30	
Trichloroethene	205	10.0	200.0	0	103	50.8	164	191.5	6.91	30	

Sample ID: MB	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 18063						
Client ID: PBW	Batch ID: R18063	TestNo: SW8260B		Analysis Date: 12/10/2014	SeqNo: 236146						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethane	ND	1.00									
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Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery

QC SUMMARY REPORT

WO#: 1412084

06-Jan-15

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

TestCode: 8260_W

Sample ID: MB	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 18063						
Client ID: PBW	Batch ID: R18063	TestNo: SW8260B		Analysis Date: 12/10/2014	SeqNo: 236146						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Tetrachloroethene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	110		100.0		110	85.3	116				
Surr: 4-Bromofluorobenzene	111		100.0		111	88.1	120				
Surr: Dibromofluoromethane	103		100.0		103	94.2	122				
Surr: Toluene-d8	94.3		100.0		94.3	86.2	135				

Sample ID: CCV MSVWS-2005	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 18063						
Client ID: CCV	Batch ID: R18063	TestNo: SW8260B		Analysis Date: 12/12/2014	SeqNo: 236205						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	71.6	1.00	60.00	0	119	80	120				
Vinyl chloride	58.2	1.00	60.00	0	97.0	80	120				

Qualifiers:	B Analyte detected in the associated Method Blank O RSD is greater than RSDlimit	H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits	ND Not Detected at the Reporting Limit S Spike Recovery outside accepted recovery	Page 2 of 9
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QC SUMMARY REPORT

WO#: 1412084

06-Jan-15

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

TestCode: 8260_W

Sample ID: LCS MSVWS-2006	SampType: LCS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 18063						
Client ID: LCSW	Batch ID: R18063	TestNo: SW8260B		Analysis Date: 12/12/2014	SeqNo: 236206						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	46.1	1.00	40.00	0	115	61.2	135				
Trichloroethene	34.9	1.00	40.00	0	87.3	68.5	124				

Sample ID: CCB	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 18063						
Client ID: CCB	Batch ID: R18063	TestNo: SW8260B		Analysis Date: 12/12/2014	SeqNo: 236207						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Tetrachloroethene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	114		100.0		114	85.3	116				
Surr: 4-Bromofluorobenzene	108		100.0		108	88.1	120				
Surr: Dibromofluoromethane	105		100.0		105	94.2	122				
Surr: Toluene-d8	98.8		100.0		98.8	86.2	135				

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery

QC SUMMARY REPORT

WO#: 1412084

06-Jan-15

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

TestCode: FIXEDGAS_W

Sample ID: CCV	SampType: CCV	TestCode: FIXEDGAS_W	Units: mg/L	Prep Date:	RunNo: 18041						
Client ID: CCV	Batch ID: R18041	TestNo: D1945Mod.		Analysis Date: 12/10/2014	SeqNo: 235740						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Carbon Dioxide	1.70	0.366	1.834	0	92.7	80	120				
Methane	0.600	0.133	0.6670	0	90.0	80	120				

Sample ID: MB	SampType: MBLK	TestCode: FIXEDGAS_W	Units: mg/L	Prep Date:	RunNo: 18041						
Client ID: PBW	Batch ID: R18041	TestNo: D1945Mod.		Analysis Date: 12/10/2014	SeqNo: 235741						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Carbon Dioxide	ND	0.183									
Methane	ND	0.0665									

Sample ID: 1412084-001DDUP	SampType: DUP	TestCode: FIXEDGAS_W	Units: mg/L	Prep Date:	RunNo: 18041						
Client ID: MW04-120814	Batch ID: R18041	TestNo: D1945Mod.		Analysis Date: 12/10/2014	SeqNo: 235754						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Carbon Dioxide	18.0	3.66						18.00	0	30	
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Sample ID: 1412084-001DDUP	SampType: DUP	TestCode: FIXEDGAS_W	Units: mg/L	Prep Date:	RunNo: 18041						
Client ID: MW04-120814	Batch ID: R18041	TestNo: D1945Mod.		Analysis Date: 12/10/2014	SeqNo: 235755						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Methane	ND	0.0665						0	0	30	
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Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit Page 4 of 9
O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery

QC SUMMARY REPORT

WO#: 1412084

06-Jan-15

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

TestCode: FIXEDGAS_W

Sample ID: CCV	SampType: CCV	TestCode: FIXEDGAS_W	Units: mg/L	Prep Date:	RunNo: 18041						
Client ID: CCV	Batch ID: R18041	TestNo: D1945Mod.		Analysis Date: 12/11/2014	SeqNo: 235857						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methane	0.700	0.133	0.6670	0	105	80	120				

Sample ID: CCB	SampType: CCB	TestCode: FIXEDGAS_W	Units: mg/L	Prep Date:	RunNo: 18041						
Client ID: CCB	Batch ID: R18041	TestNo: D1945Mod.		Analysis Date: 12/11/2014	SeqNo: 235858						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methane	ND	0.0665									

Sample ID: CCV	SampType: CCV	TestCode: FIXEDGAS_W	Units: mg/L	Prep Date:	RunNo: 18041						
Client ID: CCV	Batch ID: R18041	TestNo: D1945Mod.		Analysis Date: 12/11/2014	SeqNo: 235866						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methane	0.300	0.133	0.3340	0	89.8	80	120				

Qualifiers: B Analyte detected in the associated Method Blank
 O RSD is greater than RSDlimit

H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits

ND Not Detected at the Reporting Limit
 S Spike Recovery outside accepted recovery

QC SUMMARY REPORT

WO#: 1412084

06-Jan-15

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

TestCode: IC_GW

Sample ID: 1412084-008ADUP	SampType: DUP	TestCode: IC_GW	Units: mg/L	Prep Date:	RunNo: 18040						
Client ID: MW11-120914	Batch ID: R18040	TestNo: SW9056		Analysis Date: 12/10/2014	SeqNo: 235729						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	3.63	0.250						3.647	0.443	20	
Nitrogen, Nitrate as N	1.94	0.0560						1.948	0.406	20	
Nitrogen, Nitrite as N	ND	0.0760						0	0	20	
Sulfate	9.03	0.250						9.009	0.268	20	

Sample ID: 1412084-008AMS	SampType: MS	TestCode: IC_GW	Units: mg/L	Prep Date:	RunNo: 18040						
Client ID: MW11-120914	Batch ID: R18040	TestNo: SW9056		Analysis Date: 12/10/2014	SeqNo: 235730						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	8.66	0.250	5.000	3.647	100	75	125				
Nitrogen, Nitrate as N	2.96	0.0560	1.129	1.948	90.1	75	125				
Nitrogen, Nitrite as N	1.52	0.0760	1.522	0	99.8	75	125				
Sulfate	13.7	0.250	5.000	9.009	94.5	75	125				

Sample ID: 1412084-008AMSD	SampType: MSD	TestCode: IC_GW	Units: mg/L	Prep Date:	RunNo: 18040						
Client ID: MW11-120914	Batch ID: R18040	TestNo: SW9056		Analysis Date: 12/10/2014	SeqNo: 235731						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	8.90	0.250	5.000	3.647	105	75	125	8.663	2.67	20	
Nitrogen, Nitrate as N	2.97	0.0560	1.129	1.948	90.4	75	125	2.965	0.141	20	
Nitrogen, Nitrite as N	1.55	0.0760	1.522	0	102	75	125	1.519	1.83	20	
Sulfate	14.0	0.250	5.000	9.009	99.4	75	125	13.74	1.76	20	

Qualifiers: B Analyte detected in the associated Method Blank
 O RSD is greater than RSDlimit

H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits

ND Not Detected at the Reporting Limit
 S Spike Recovery outside accepted recovery

QC SUMMARY REPORT

WO#: 1412084

06-Jan-15

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

TestCode: IC_GW

Sample ID: CCV 15	SampType: CCV	TestCode: IC_GW	Units: mg/L	Prep Date:	RunNo: 18040						
Client ID: CCV	Batch ID: R18040	TestNo: SW9056		Analysis Date: 12/10/2014	SeqNo: 235732						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	15.6	0.250	15.00	0	104	90	110				
Nitrogen, Nitrate as N	3.68	0.0560	3.387	0	109	90	110				
Nitrogen, Nitrite as N	4.95	0.0760	4.565	0	108	90	110				
Sulfate	16.2	0.250	15.00	0	108	90	110				

Sample ID: CCV 25	SampType: CCV	TestCode: IC_GW	Units: mg/L	Prep Date:	RunNo: 18040						
Client ID: CCV	Batch ID: R18040	TestNo: SW9056		Analysis Date: 12/10/2014	SeqNo: 235732						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	25.8	0.250	25.00	0	103	90	110				
Nitrogen, Nitrate as N	5.95	0.0560	5.645	0	105	90	110				
Nitrogen, Nitrite as N	7.36	0.0760	7.609	0	96.7	90	110				
Sulfate	26.8	0.250	25.00	0	107	90	110				

Sample ID: LCS 15	SampType: LCS	TestCode: IC_GW	Units: mg/L	Prep Date:	RunNo: 18040						
Client ID: LCSW	Batch ID: R18040	TestNo: SW9056		Analysis Date: 12/10/2014	SeqNo: 235734						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	14.9	0.250	15.00	0	99.5	85	115				
Nitrogen, Nitrate as N	3.43	0.0560	3.387	0	101	85	115				
Nitrogen, Nitrite as N	4.59	0.0760	4.565	0	100	85	115				
Sulfate	16.2	0.250	15.00	0	108	85	115				

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery

QC SUMMARY REPORT

WO#: 1412084

06-Jan-15

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

TestCode: IC_GW

Sample ID: LOW CHK 0.25	SampType: ICV	TestCode: IC_GW	Units: mg/L	Prep Date:	RunNo: 18040						
Client ID: ICV	Batch ID: R18040	TestNo: SW9056		Analysis Date: 12/10/2014	SeqNo: 235735						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	0.238	0.250	0.2500	0	95.3	70	130				
Nitrogen, Nitrate as N	0.0640	0.0560	0.05645	0	113	70	130				
Nitrogen, Nitrite as N	0.0797	0.0760	0.07609	0	105	70	130				
Sulfate	0.269	0.250	0.2500	0	107	70	130				

Sample ID: MBLK	SampType: MBLK	TestCode: IC_GW	Units: mg/L	Prep Date:	RunNo: 18040						
Client ID: PBW	Batch ID: R18040	TestNo: SW9056		Analysis Date: 12/10/2014	SeqNo: 235735						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloride	0.0868	0.250									J
Nitrogen, Nitrate as N	ND	0.0560									
Nitrogen, Nitrite as N	ND	0.0760									
Sulfate	ND	0.250									

Qualifiers: B Analyte detected in the associated Method Blank
 O RSD is greater than RSDlimit

H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits

ND Not Detected at the Reporting Limit
 S Spike Recovery outside accepted recovery

QC SUMMARY REPORT

WO#: 1412084

06-Jan-15

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

TestCode: SULFIDE_W

Sample ID: 1412084-008BDUP	SampType: DUP	TestCode: SULFIDE_W	Units: mg/L	Prep Date:	RunNo: 18053						
Client ID: MW11-120914	Batch ID: R18053	TestNo: SM4500-S2 F		Analysis Date: 12/11/2014	SeqNo: 236015						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sulfide (As S)	1.16	1.00						1.165	0	20	

Sample ID: 1412058-010BDUP	SampType: DUP	TestCode: SULFIDE_W	Units: mg/L	Prep Date:	RunNo: 18053						
Client ID: ZZZZZZ	Batch ID: R18053	TestNo: SM4500-S2 F		Analysis Date: 12/11/2014	SeqNo: 236016						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sulfide (As S)	0.777	1.00						0	200	20	J

Qualifiers: B Analyte detected in the associated Method Blank
 O RSD is greater than RSDlimit

H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits

ND Not Detected at the Reporting Limit
 S Spike Recovery outside accepted recovery

KEY TO FLAGS

Rev. May 12, 2010

- A This sample contains a Gasoline Range Organic not identified as a specific hydrocarbon product. The result was quantified against gasoline calibration standards
- A1 This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was quantified against diesel calibration standards.
- A2 This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was quantified against a lube oil calibration standard.
- A3 The result was determined to be Non-Detect based on hydrocarbon pattern recognition. The product was carry-over from another hydrocarbon type.
- A4 The product appears to be aged or degraded diesel.
- B The blank exhibited a positive result great than the reporting limit for this compound.
- CN See Case Narrative.
- D Result is based from a dilution.
- E Result exceeds the calibration range for this compound. The result should be considered as estimate.
- F The positive result for this hydrocarbon is due to single component contamination. The product does not match any hydrocarbon in the fuels library.
- G Result may be biased high due to biogenic interferences. Clean up is recommended.
- H Sample was analyzed outside recommended holding time.
- HT At clients request, samples was analyzed outside of recommended holding time.
- J The result for this analyte is between the MDL and the PQL and should be considered as estimated concentration.
- K Diesel result is biased high due to amount of Oil contained in the sample.
- L Diesel result is biased high due to amount of Gasoline contained in the sample.
- M Oil result is biased high due to amount of Diesel contained in the sample.
- MC Sample concentration is greater than 4x the spiked value, the spiked value is considered insignificant.
- MI Result is outside control limits due to matrix interference.
- MSA Value determined by Method of Standard Addition.
- O Laboratory Control Standard (LCS) exceeded laboratory control limits, but meets CCV criteria. Data meets EPA requirements.
- Q Detection levels elevated due to sample matrix.
- R RPD control limits were exceeded.
- RF Duplicate failed due to result being at or near the method-reporting limit.
- RP Matrix spike values exceed established QC limits; post digestion spike is in control.
- S Recovery is outside control limits.
- SC Closing CCV or LCS exceeded high recovery control limits, but associated samples are non-detect. Data meets EPA requirements.
- * The result for this parameter was greater than the maximum contaminant level of the TCLP regulatory limit.

CHAIN OF CUSTODY RECORD

Page of

Specialty Analytical
 11711 SE Capps Road
 Clackamas, OR 97015
 Phone: 503-607-1331
 Fax: 503-607-1336

Contact Person/Project Manager Merideth D. Andrea
 Company Maul Foster & Alangi, Inc.
 Address 400 E. Mill Plain Blvd, Suite 400
Vancouver WA 98660
 Phone 360-694-2691 Fax
 Project No. 3006.31.05 Project Name Park Laundry
 Project Site Location OR WA Other
 Invoice To MFA P.O. No.

Collected By: Kelly R. Titkemeier
 Signature Kelly R. Titkemeier
 Printed Kelly R. Titkemeier

Signature
 Printed
 Turn Around Time
 Normal 5-7 Business Days
 Rush Specify

Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix	No. of Containers	Analyses	For Laboratory Use
12/8/14	0844	MW04-120814	GW	9	VOCs (846B) * Carbon dioxide (ASTM D1945) Methane (ASTM D1945) Nitrate (USEPA Method 9056A) Nitrite (USEPA Method 9056A) Chloride (USEPA Method 9056A) Sulfate (USEPA Method 9056A) Sulfide (USEPA Method 9056A)	Lab Job No. <u>412084</u> Shipped Via <u>Specialty</u> Air Bill No. <u> </u> Temperature On Receipt <u>0</u> °C Specialty Analytical Containers? <u>Y</u> / <u>N</u> Specialty Analytical Trip Blanks? <u>Y</u> / <u>N</u>
		1223	↓	↓		* VOCs include: 1,1-DCE CIS-1,2-DCE PCE trans-1,2-DCE TCE Vinyl chloride 1,1-DCA 1,2-DCA Chloroethane
		1508	↓	↓		
		1558	↓	↓		
12/9/14	1010	MW07-120814	GW	9		
		1144	↓	↓		
		1306	↓	↓		
12/9/14		TRIP BLANK	H2O	2		
Relinquished By: <u>Kelly R. Titkemeier</u> Company: <u>MFA</u>					Relinquished By: <u> </u> Company: <u> </u>	Date: <u>12/9/14</u> Time: <u>1540</u>
Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt. Samples held beyond 60 days subject to storage fees)					Received For Lab By: <u>Nurka Pappas</u>	Date: <u>12/9/14</u> Time: <u>1655</u>



Specialty Analytical

11711 SE Capps Road, Ste F
Clackamas, Oregon 97015
TEL: 503-607-1331 FAX: 503-607-1336
Website: www.specialtyanalytical.com

March 17, 2015

Merideth D'Andrea
Maul Foster & Alongi
400 E. Mill Plain Blvd.
Suite 400
Vancouver, WA 98660
TEL: (503) 501-5216
FAX: (360) 906-1958
RE: Park Laundry / 8006.31.05

Dear Merideth D'Andrea:

Order No.: 1503066

Specialty Analytical received 22 sample(s) on 3/9/2015 for the analyses presented in the following report.

There were no problems with the analysis and all data for associated QC met EPA or laboratory specifications, except where noted in the Case Narrative, or as qualified with flags. Results apply only to the samples analyzed. Without approval of the laboratory, the reproduction of this report is only permitted in its entirety.

If you have any questions regarding these tests, please feel free to call.

Sincerely,

A handwritten signature in black ink, appearing to read "Marty French".

Marty French
Lab Director

Case Narrative

WO#: 1503066

Date: 3/17/2015

Specialty Analytical

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

Tetrachloroethene was detected above the MDL (0.310 and 0.250 ug/L, respectively) in the Method Blank and Trip Blank associated with samples MW01-030415, MW02-030415, MW08-030415, MW04-030515, MW06-030515, MW14-030515, and MW19-030615. As this indicates low level contamination in the analytical system during this batch, all associated tetrachloroethene results that are less than five times the highest associated blank detection should be considered non-detects.

Specialty Analytical

Date Reported: 17-Mar-15

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

Lab Order: 1503066

Lab ID: 1503066-001
Client Sample ID: MW01-030415

Collection Date: 3/4/2015 8:34:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	3/10/2015 5:33:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	3/10/2015 5:33:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	3/10/2015 5:33:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	3/10/2015 5:33:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	3/10/2015 5:33:00 PM
Tetrachloroethene	2.00	0.0672	1.00		µg/L	1	3/10/2015 5:33:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	3/10/2015 5:33:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	3/10/2015 5:33:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	3/10/2015 5:33:00 PM
Surr: 1,2-Dichloroethane-d4	111	85.3-116			%REC	1	3/10/2015 5:33:00 PM
Surr: 4-Bromofluorobenzene	101	88.1-120			%REC	1	3/10/2015 5:33:00 PM
Surr: Dibromofluoromethane	103	94.2-122			%REC	1	3/10/2015 5:33:00 PM
Surr: Toluene-d8	97.1	86.2-135			%REC	1	3/10/2015 5:33:00 PM

Lab ID: 1503066-002
Client Sample ID: MW02-030415

Collection Date: 3/4/2015 9:17:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	3/10/2015 6:05:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	3/10/2015 6:05:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	3/10/2015 6:05:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	3/10/2015 6:05:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	3/10/2015 6:05:00 PM
Tetrachloroethene	0.170	0.0672	1.00	J	µg/L	1	3/10/2015 6:05:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	3/10/2015 6:05:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	3/10/2015 6:05:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	3/10/2015 6:05:00 PM
Surr: 1,2-Dichloroethane-d4	106	85.3-116			%REC	1	3/10/2015 6:05:00 PM
Surr: 4-Bromofluorobenzene	100	88.1-120			%REC	1	3/10/2015 6:05:00 PM
Surr: Dibromofluoromethane	98.5	94.2-122			%REC	1	3/10/2015 6:05:00 PM
Surr: Toluene-d8	96.0	86.2-135			%REC	1	3/10/2015 6:05:00 PM

Specialty Analytical

Date Reported: 17-Mar-15

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

Lab Order: 1503066

Lab ID: 1503066-003
Client Sample ID: MW21-030415

Collection Date: 3/4/2015 10:29:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	3/10/2015 6:37:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	3/10/2015 6:37:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	3/10/2015 6:37:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	3/10/2015 6:37:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	3/10/2015 6:37:00 PM
Tetrachloroethene	79.4	0.0672	1.00		µg/L	1	3/10/2015 6:37:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	3/10/2015 6:37:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	3/10/2015 6:37:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	3/10/2015 6:37:00 PM
Surr: 1,2-Dichloroethane-d4	106	85.3-116			%REC	1	3/10/2015 6:37:00 PM
Surr: 4-Bromofluorobenzene	99.2	88.1-120			%REC	1	3/10/2015 6:37:00 PM
Surr: Dibromofluoromethane	98.9	94.2-122			%REC	1	3/10/2015 6:37:00 PM
Surr: Toluene-d8	95.7	86.2-135			%REC	1	3/10/2015 6:37:00 PM

Lab ID: 1503066-004
Client Sample ID: MW03-030415

Collection Date: 3/4/2015 11:00:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	3/11/2015 2:09:00 AM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	3/11/2015 2:09:00 AM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	3/11/2015 2:09:00 AM
Chloroethane	ND	0.203	1.00		µg/L	1	3/11/2015 2:09:00 AM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	3/11/2015 2:09:00 AM
Tetrachloroethene	5640	6.72	100		µg/L	100	3/11/2015 9:39:00 AM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	3/11/2015 2:09:00 AM
Trichloroethene	3.32	0.0870	1.00		µg/L	1	3/11/2015 2:09:00 AM
Vinyl chloride	ND	0.155	1.00		µg/L	1	3/11/2015 2:09:00 AM
Surr: 1,2-Dichloroethane-d4	104	85.3-116			%REC	1	3/11/2015 2:09:00 AM
Surr: 4-Bromofluorobenzene	98.4	88.1-120			%REC	1	3/11/2015 2:09:00 AM
Surr: Dibromofluoromethane	96.6	94.2-122			%REC	1	3/11/2015 2:09:00 AM
Surr: Toluene-d8	92.2	86.2-135			%REC	1	3/11/2015 2:09:00 AM

Specialty Analytical

Date Reported: 17-Mar-15

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

Lab Order: 1503066

Lab ID: 1503066-005
Client Sample ID: MW08-030415

Collection Date: 3/4/2015 3:33:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	3/10/2015 7:09:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	3/10/2015 7:09:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	3/10/2015 7:09:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	3/10/2015 7:09:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	3/10/2015 7:09:00 PM
Tetrachloroethene	0.370	0.0672	1.00	J	µg/L	1	3/10/2015 7:09:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	3/10/2015 7:09:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	3/10/2015 7:09:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	3/10/2015 7:09:00 PM
Surr: 1,2-Dichloroethane-d4	107	85.3-116			%REC	1	3/10/2015 7:09:00 PM
Surr: 4-Bromofluorobenzene	101	88.1-120			%REC	1	3/10/2015 7:09:00 PM
Surr: Dibromofluoromethane	98.4	94.2-122			%REC	1	3/10/2015 7:09:00 PM
Surr: Toluene-d8	96.2	86.2-135			%REC	1	3/10/2015 7:09:00 PM

Lab ID: 1503066-006
Client Sample ID: MW04-030515

Collection Date: 3/5/2015 8:42:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	3/10/2015 7:41:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	3/10/2015 7:41:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	3/10/2015 7:41:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	3/10/2015 7:41:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	3/10/2015 7:41:00 PM
Tetrachloroethene	11.6	0.0672	1.00		µg/L	1	3/10/2015 7:41:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	3/10/2015 7:41:00 PM
Trichloroethene	0.910	0.0870	1.00	J	µg/L	1	3/10/2015 7:41:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	3/10/2015 7:41:00 PM
Surr: 1,2-Dichloroethane-d4	105	85.3-116			%REC	1	3/10/2015 7:41:00 PM
Surr: 4-Bromofluorobenzene	99.6	88.1-120			%REC	1	3/10/2015 7:41:00 PM
Surr: Dibromofluoromethane	97.4	94.2-122			%REC	1	3/10/2015 7:41:00 PM
Surr: Toluene-d8	95.7	86.2-135			%REC	1	3/10/2015 7:41:00 PM

Specialty Analytical

Date Reported: 17-Mar-15

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

Lab Order: 1503066

Lab ID: 1503066-007
Client Sample ID: MW05-030515

Collection Date: 3/5/2015 8:57:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	3/11/2015 1:04:00 AM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	3/11/2015 1:04:00 AM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	3/11/2015 1:04:00 AM
Chloroethane	ND	0.203	1.00		µg/L	1	3/11/2015 1:04:00 AM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	3/11/2015 1:04:00 AM
Tetrachloroethene	1460	0.672	10.0		µg/L	10	3/11/2015 10:12:00 AM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	3/11/2015 1:04:00 AM
Trichloroethene	6.41	0.0870	1.00		µg/L	1	3/11/2015 1:04:00 AM
Vinyl chloride	ND	0.155	1.00		µg/L	1	3/11/2015 1:04:00 AM
Surr: 1,2-Dichloroethane-d4	102	85.3-116			%REC	1	3/11/2015 1:04:00 AM
Surr: 4-Bromofluorobenzene	98.2	88.1-120			%REC	1	3/11/2015 1:04:00 AM
Surr: Dibromofluoromethane	96.4	94.2-122			%REC	1	3/11/2015 1:04:00 AM
Surr: Toluene-d8	93.2	86.2-135			%REC	1	3/11/2015 1:04:00 AM

Lab ID: 1503066-008
Client Sample ID: MW05-030515-DUP

Collection Date: 3/5/2015 8:57:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	3/11/2015 1:36:00 AM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	3/11/2015 1:36:00 AM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	3/11/2015 1:36:00 AM
Chloroethane	ND	0.203	1.00		µg/L	1	3/11/2015 1:36:00 AM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	3/11/2015 1:36:00 AM
Tetrachloroethene	1540	0.672	10.0		µg/L	10	3/11/2015 10:44:00 AM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	3/11/2015 1:36:00 AM
Trichloroethene	5.83	0.0870	1.00		µg/L	1	3/11/2015 1:36:00 AM
Vinyl chloride	ND	0.155	1.00		µg/L	1	3/11/2015 1:36:00 AM
Surr: 1,2-Dichloroethane-d4	105	85.3-116			%REC	1	3/11/2015 1:36:00 AM
Surr: 4-Bromofluorobenzene	99.1	88.1-120			%REC	1	3/11/2015 1:36:00 AM
Surr: Dibromofluoromethane	98.0	94.2-122			%REC	1	3/11/2015 1:36:00 AM
Surr: Toluene-d8	93.4	86.2-135			%REC	1	3/11/2015 1:36:00 AM

Specialty Analytical

Date Reported: 17-Mar-15

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

Lab Order: 1503066

Lab ID: 1503066-009
Client Sample ID: MW06-030515

Collection Date: 3/5/2015 10:20:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	3/10/2015 8:14:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	3/10/2015 8:14:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	3/10/2015 8:14:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	3/10/2015 8:14:00 PM
cis-1,2-Dichloroethene	2.13	0.0660	1.00		µg/L	1	3/10/2015 8:14:00 PM
Tetrachloroethene	2.52	0.0672	1.00		µg/L	1	3/10/2015 8:14:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	3/10/2015 8:14:00 PM
Trichloroethene	12.7	0.0870	1.00		µg/L	1	3/10/2015 8:14:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	3/10/2015 8:14:00 PM
Surr: 1,2-Dichloroethane-d4	104	85.3-116			%REC	1	3/10/2015 8:14:00 PM
Surr: 4-Bromofluorobenzene	101	88.1-120			%REC	1	3/10/2015 8:14:00 PM
Surr: Dibromofluoromethane	97.8	94.2-122			%REC	1	3/10/2015 8:14:00 PM
Surr: Toluene-d8	96.3	86.2-135			%REC	1	3/10/2015 8:14:00 PM

Lab ID: 1503066-010
Client Sample ID: MW14-030515

Collection Date: 3/5/2015 10:55:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	3/10/2015 8:46:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	3/10/2015 8:46:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	3/10/2015 8:46:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	3/10/2015 8:46:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	3/10/2015 8:46:00 PM
Tetrachloroethene	0.880	0.0672	1.00	J	µg/L	1	3/10/2015 8:46:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	3/10/2015 8:46:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	3/10/2015 8:46:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	3/10/2015 8:46:00 PM
Surr: 1,2-Dichloroethane-d4	106	85.3-116			%REC	1	3/10/2015 8:46:00 PM
Surr: 4-Bromofluorobenzene	101	88.1-120			%REC	1	3/10/2015 8:46:00 PM
Surr: Dibromofluoromethane	99.0	94.2-122			%REC	1	3/10/2015 8:46:00 PM
Surr: Toluene-d8	97.2	86.2-135			%REC	1	3/10/2015 8:46:00 PM

Specialty Analytical

Date Reported: 17-Mar-15

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

Lab Order: 1503066

Lab ID: 1503066-011
Client Sample ID: MW18-030515

Collection Date: 3/5/2015 11:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B			Analyst: CK	
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	3/10/2015 9:18:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	3/10/2015 9:18:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	3/10/2015 9:18:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	3/10/2015 9:18:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	3/10/2015 9:18:00 PM
Tetrachloroethene	ND	0.0672	1.00		µg/L	1	3/10/2015 9:18:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	3/10/2015 9:18:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	3/10/2015 9:18:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	3/10/2015 9:18:00 PM
Surr: 1,2-Dichloroethane-d4	107	85.3-116			%REC	1	3/10/2015 9:18:00 PM
Surr: 4-Bromofluorobenzene	101	88.1-120			%REC	1	3/10/2015 9:18:00 PM
Surr: Dibromofluoromethane	99.7	94.2-122			%REC	1	3/10/2015 9:18:00 PM
Surr: Toluene-d8	96.9	86.2-135			%REC	1	3/10/2015 9:18:00 PM

Lab ID: 1503066-012
Client Sample ID: MW09-030515

Collection Date: 3/5/2015 12:04:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B			Analyst: CK	
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	3/10/2015 9:50:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	3/10/2015 9:50:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	3/10/2015 9:50:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	3/10/2015 9:50:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	3/10/2015 9:50:00 PM
Tetrachloroethene	25.5	0.0672	1.00		µg/L	1	3/10/2015 9:50:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	3/10/2015 9:50:00 PM
Trichloroethene	75.5	0.0870	1.00		µg/L	1	3/10/2015 9:50:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	3/10/2015 9:50:00 PM
Surr: 1,2-Dichloroethane-d4	104	85.3-116			%REC	1	3/10/2015 9:50:00 PM
Surr: 4-Bromofluorobenzene	99.8	88.1-120			%REC	1	3/10/2015 9:50:00 PM
Surr: Dibromofluoromethane	97.7	94.2-122			%REC	1	3/10/2015 9:50:00 PM
Surr: Toluene-d8	95.7	86.2-135			%REC	1	3/10/2015 9:50:00 PM

Specialty Analytical

Date Reported: 17-Mar-15

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

Lab Order: 1503066

Lab ID: 1503066-013
Client Sample ID: MW16-030515

Collection Date: 3/5/2015 2:42:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	3/10/2015 10:23:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	3/10/2015 10:23:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	3/10/2015 10:23:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	3/10/2015 10:23:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	3/10/2015 10:23:00 PM
Tetrachloroethene	11.4	0.0672	1.00		µg/L	1	3/10/2015 10:23:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	3/10/2015 10:23:00 PM
Trichloroethene	1.75	0.0870	1.00		µg/L	1	3/10/2015 10:23:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	3/10/2015 10:23:00 PM
Surr: 1,2-Dichloroethane-d4	110	85.3-116			%REC	1	3/10/2015 10:23:00 PM
Surr: 4-Bromofluorobenzene	99.2	88.1-120			%REC	1	3/10/2015 10:23:00 PM
Surr: Dibromofluoromethane	101	94.2-122			%REC	1	3/10/2015 10:23:00 PM
Surr: Toluene-d8	95.7	86.2-135			%REC	1	3/10/2015 10:23:00 PM

Lab ID: 1503066-014
Client Sample ID: MW15-030515

Collection Date: 3/5/2015 4:17:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	3/10/2015 10:55:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	3/10/2015 10:55:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	3/10/2015 10:55:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	3/10/2015 10:55:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	3/10/2015 10:55:00 PM
Tetrachloroethene	11.0	0.0672	1.00		µg/L	1	3/10/2015 10:55:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	3/10/2015 10:55:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	3/10/2015 10:55:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	3/10/2015 10:55:00 PM
Surr: 1,2-Dichloroethane-d4	107	85.3-116			%REC	1	3/10/2015 10:55:00 PM
Surr: 4-Bromofluorobenzene	100	88.1-120			%REC	1	3/10/2015 10:55:00 PM
Surr: Dibromofluoromethane	100	94.2-122			%REC	1	3/10/2015 10:55:00 PM
Surr: Toluene-d8	96.9	86.2-135			%REC	1	3/10/2015 10:55:00 PM

Specialty Analytical

Date Reported: 17-Mar-15

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

Lab Order: 1503066

Lab ID: 1503066-015
Client Sample ID: MW20-030615

Collection Date: 3/6/2015 8:15:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	3/10/2015 11:27:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	3/10/2015 11:27:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	3/10/2015 11:27:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	3/10/2015 11:27:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	3/10/2015 11:27:00 PM
Tetrachloroethene	ND	0.0672	1.00		µg/L	1	3/10/2015 11:27:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	3/10/2015 11:27:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	3/10/2015 11:27:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	3/10/2015 11:27:00 PM
Surr: 1,2-Dichloroethane-d4	109	85.3-116			%REC	1	3/10/2015 11:27:00 PM
Surr: 4-Bromofluorobenzene	101	88.1-120			%REC	1	3/10/2015 11:27:00 PM
Surr: Dibromofluoromethane	101	94.2-122			%REC	1	3/10/2015 11:27:00 PM
Surr: Toluene-d8	97.5	86.2-135			%REC	1	3/10/2015 11:27:00 PM

Lab ID: 1503066-016
Client Sample ID: MW17-030615

Collection Date: 3/6/2015 9:48:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	3/11/2015 5:22:00 AM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	3/11/2015 5:22:00 AM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	3/11/2015 5:22:00 AM
Chloroethane	ND	0.203	1.00		µg/L	1	3/11/2015 5:22:00 AM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	3/11/2015 5:22:00 AM
Tetrachloroethene	1.55	0.0672	1.00		µg/L	1	3/11/2015 5:22:00 AM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	3/11/2015 5:22:00 AM
Trichloroethene	ND	0.0870	1.00		µg/L	1	3/11/2015 5:22:00 AM
Vinyl chloride	ND	0.155	1.00		µg/L	1	3/11/2015 5:22:00 AM
Surr: 1,2-Dichloroethane-d4	112	85.3-116			%REC	1	3/11/2015 5:22:00 AM
Surr: 4-Bromofluorobenzene	101	88.1-120			%REC	1	3/11/2015 5:22:00 AM
Surr: Dibromofluoromethane	102	94.2-122			%REC	1	3/11/2015 5:22:00 AM
Surr: Toluene-d8	98.9	86.2-135			%REC	1	3/11/2015 5:22:00 AM

Specialty Analytical

Date Reported: 17-Mar-15

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

Lab Order: 1503066

Lab ID: 1503066-017
Client Sample ID: MW07-030615

Collection Date: 3/6/2015 11:11:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	3/11/2015 5:54:00 AM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	3/11/2015 5:54:00 AM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	3/11/2015 5:54:00 AM
Chloroethane	ND	0.203	1.00		µg/L	1	3/11/2015 5:54:00 AM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	3/11/2015 5:54:00 AM
Tetrachloroethene	4.85	0.0672	1.00		µg/L	1	3/11/2015 5:54:00 AM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	3/11/2015 5:54:00 AM
Trichloroethene	ND	0.0870	1.00		µg/L	1	3/11/2015 5:54:00 AM
Vinyl chloride	ND	0.155	1.00		µg/L	1	3/11/2015 5:54:00 AM
Surr: 1,2-Dichloroethane-d4	108	85.3-116			%REC	1	3/11/2015 5:54:00 AM
Surr: 4-Bromofluorobenzene	99.3	88.1-120			%REC	1	3/11/2015 5:54:00 AM
Surr: Dibromofluoromethane	99.6	94.2-122			%REC	1	3/11/2015 5:54:00 AM
Surr: Toluene-d8	97.0	86.2-135			%REC	1	3/11/2015 5:54:00 AM

Lab ID: 1503066-018
Client Sample ID: MW10-030615

Collection Date: 3/6/2015 12:20:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	3/11/2015 6:26:00 AM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	3/11/2015 6:26:00 AM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	3/11/2015 6:26:00 AM
Chloroethane	ND	0.203	1.00		µg/L	1	3/11/2015 6:26:00 AM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	3/11/2015 6:26:00 AM
Tetrachloroethene	62.4	0.0672	1.00		µg/L	1	3/11/2015 6:26:00 AM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	3/11/2015 6:26:00 AM
Trichloroethene	24.6	0.0870	1.00		µg/L	1	3/11/2015 6:26:00 AM
Vinyl chloride	ND	0.155	1.00		µg/L	1	3/11/2015 6:26:00 AM
Surr: 1,2-Dichloroethane-d4	109	85.3-116			%REC	1	3/11/2015 6:26:00 AM
Surr: 4-Bromofluorobenzene	99.9	88.1-120			%REC	1	3/11/2015 6:26:00 AM
Surr: Dibromofluoromethane	101	94.2-122			%REC	1	3/11/2015 6:26:00 AM
Surr: Toluene-d8	97.9	86.2-135			%REC	1	3/11/2015 6:26:00 AM

Specialty Analytical

Date Reported: 17-Mar-15

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

Lab Order: 1503066

Lab ID: 1503066-019
Client Sample ID: MW11-030615

Collection Date: 3/6/2015 1:54:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	3/11/2015 6:59:00 AM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	3/11/2015 6:59:00 AM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	3/11/2015 6:59:00 AM
Chloroethane	ND	0.203	1.00		µg/L	1	3/11/2015 6:59:00 AM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	3/11/2015 6:59:00 AM
Tetrachloroethene	33.6	0.0672	1.00		µg/L	1	3/11/2015 6:59:00 AM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	3/11/2015 6:59:00 AM
Trichloroethene	11.3	0.0870	1.00		µg/L	1	3/11/2015 6:59:00 AM
Vinyl chloride	ND	0.155	1.00		µg/L	1	3/11/2015 6:59:00 AM
Surr: 1,2-Dichloroethane-d4	107	85.3-116			%REC	1	3/11/2015 6:59:00 AM
Surr: 4-Bromofluorobenzene	99.9	88.1-120			%REC	1	3/11/2015 6:59:00 AM
Surr: Dibromofluoromethane	98.1	94.2-122			%REC	1	3/11/2015 6:59:00 AM
Surr: Toluene-d8	95.0	86.2-135			%REC	1	3/11/2015 6:59:00 AM

Lab ID: 1503066-020
Client Sample ID: MW13-030615

Collection Date: 3/6/2015 2:23:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	3/11/2015 7:31:00 AM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	3/11/2015 7:31:00 AM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	3/11/2015 7:31:00 AM
Chloroethane	ND	0.203	1.00		µg/L	1	3/11/2015 7:31:00 AM
cis-1,2-Dichloroethene	1.30	0.0660	1.00		µg/L	1	3/11/2015 7:31:00 AM
Tetrachloroethene	834	0.672	10.0		µg/L	10	3/11/2015 11:16:00 AM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	3/11/2015 7:31:00 AM
Trichloroethene	95.8	0.0870	1.00		µg/L	1	3/11/2015 7:31:00 AM
Vinyl chloride	ND	0.155	1.00		µg/L	1	3/11/2015 7:31:00 AM
Surr: 1,2-Dichloroethane-d4	105	85.3-116			%REC	1	3/11/2015 7:31:00 AM
Surr: 4-Bromofluorobenzene	99.5	88.1-120			%REC	1	3/11/2015 7:31:00 AM
Surr: Dibromofluoromethane	97.7	94.2-122			%REC	1	3/11/2015 7:31:00 AM
Surr: Toluene-d8	95.2	86.2-135			%REC	1	3/11/2015 7:31:00 AM

Specialty Analytical

Date Reported: 17-Mar-15

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

Lab Order: 1503066

Lab ID: 1503066-021
Client Sample ID: MW19-030615

Collection Date: 3/6/2015 3:53:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	3/11/2015 4:35:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	3/11/2015 4:35:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	3/11/2015 4:35:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	3/11/2015 4:35:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	3/11/2015 4:35:00 PM
Tetrachloroethene	0.910	0.0672	1.00	J	µg/L	1	3/11/2015 4:35:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	3/11/2015 4:35:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	3/11/2015 4:35:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	3/11/2015 4:35:00 PM
Surr: 1,2-Dichloroethane-d4	113	85.3-116			%REC	1	3/11/2015 4:35:00 PM
Surr: 4-Bromofluorobenzene	101	88.1-120			%REC	1	3/11/2015 4:35:00 PM
Surr: Dibromofluoromethane	104	94.2-122			%REC	1	3/11/2015 4:35:00 PM
Surr: Toluene-d8	97.4	86.2-135			%REC	1	3/11/2015 4:35:00 PM

Lab ID: 1503066-022
Client Sample ID: Trip Blank_030615

Collection Date: 3/6/2015
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	3/11/2015 4:02:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	3/11/2015 4:02:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	3/11/2015 4:02:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	3/11/2015 4:02:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	3/11/2015 4:02:00 PM
Tetrachloroethene	0.250	0.0672	1.00	J	µg/L	1	3/11/2015 4:02:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	3/11/2015 4:02:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	3/11/2015 4:02:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	3/11/2015 4:02:00 PM
Surr: 1,2-Dichloroethane-d4	113	85.3-116			%REC	1	3/11/2015 4:02:00 PM
Surr: 4-Bromofluorobenzene	100	88.1-120			%REC	1	3/11/2015 4:02:00 PM
Surr: Dibromofluoromethane	103	94.2-122			%REC	1	3/11/2015 4:02:00 PM
Surr: Toluene-d8	97.5	86.2-135			%REC	1	3/11/2015 4:02:00 PM

QC SUMMARY REPORT

WO#: 1503066

17-Mar-15

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

TestCode: 8260_W

Sample ID: CCV MSVWS-2015	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 19188						
Client ID: CCV	Batch ID: R19188	TestNo: SW8260B		Analysis Date: 3/10/2015	SeqNo: 254480						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	35.6	1.00	40.00	0	89.0	80	120				
Vinyl chloride	35.0	1.00	40.00	0	87.5	80	120				

Sample ID: LCS MSVWS-2015	SampType: LCS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 19188						
Client ID: LCSW	Batch ID: R19188	TestNo: SW8260B		Analysis Date: 3/10/2015	SeqNo: 254481						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	34.0	1.00	40.00	0	84.9	61.2	135				
Trichloroethene	41.7	1.00	40.00	0	104	68.5	124				

Sample ID: MB	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 19188						
Client ID: PBW	Batch ID: R19188	TestNo: SW8260B		Analysis Date: 3/10/2015	SeqNo: 254482						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Tetrachloroethene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted reco

QC SUMMARY REPORT

WO#: 1503066

17-Mar-15

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

TestCode: 8260_W

Sample ID: MB	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 19188						
Client ID: PBW	Batch ID: R19188	TestNo: SW8260B		Analysis Date: 3/10/2015	SeqNo: 254482						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	104		100.0		104	85.3	116				
Surr: 4-Bromofluorobenzene	99.9		100.0		99.9	88.1	120				
Surr: Dibromofluoromethane	95.1		100.0		95.1	94.2	122				
Surr: Toluene-d8	95.6		100.0		95.6	86.2	135				

Sample ID: 1503066-015AMS	SampType: MS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 19188						
Client ID: MW20-030615	Batch ID: R19188	TestNo: SW8260B		Analysis Date: 3/10/2015	SeqNo: 254495						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	45.6	1.00	40.00	0	114	47.8	165				
Trichloroethene	51.7	1.00	40.00	0	129	50.8	164				

Sample ID: 1503066-015AMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 19188						
Client ID: MW20-030615	Batch ID: R19188	TestNo: SW8260B		Analysis Date: 3/11/2015	SeqNo: 254496						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	42.2	1.00	40.00	0	106	47.8	165	45.65	7.78	20	
Trichloroethene	47.2	1.00	40.00	0	118	50.8	164	51.70	9.08	20	

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted reco

QC SUMMARY REPORT

WO#: 1503066

17-Mar-15

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

TestCode: 8260_W

Sample ID: CCV MSVWS-2015	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 19188						
Client ID: CCV	Batch ID: R19188	TestNo: SW8260B		Analysis Date: 3/11/2015	SeqNo: 254500						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	40.2	1.00	40.00	0	100	80	120				
Vinyl chloride	41.1	1.00	40.00	0	103	80	120				

Sample ID: CCB	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 19188						
Client ID: CCB	Batch ID: R19188	TestNo: SW8260B		Analysis Date: 3/11/2015	SeqNo: 254501						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Tetrachloroethene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	108		100.0		108	85.3	116				
Surr: 4-Bromofluorobenzene	99.6		100.0		99.6	88.1	120				
Surr: Dibromofluoromethane	98.2		100.0		98.2	94.2	122				
Surr: Toluene-d8	95.8		100.0		95.8	86.2	135				

Qualifiers:	B Analyte detected in the associated Method Blank O RSD is greater than RSDlimit	H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits	ND Not Detected at the Reporting Limit S Spike Recovery outside accepted reco	Page 3 of 5
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QC SUMMARY REPORT

WO#: 1503066

17-Mar-15

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

TestCode: 8260_W

Sample ID: CCV MSVWS-2015	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 19226						
Client ID: CCV	Batch ID: R19226	TestNo: SW8260B		Analysis Date: 3/11/2015	SeqNo: 255038						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	62.2	1.00	60.00	0	104	80	120				
Vinyl chloride	49.4	1.00	60.00	0	82.4	80	120				

Sample ID: LCS MSVWS-2016	SampType: LCS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 19226						
Client ID: LCSW	Batch ID: R19226	TestNo: SW8260B		Analysis Date: 3/11/2015	SeqNo: 255039						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	65.6	1.00	60.00	0	109	61.2	135				
Trichloroethene	65.1	1.00	60.00	0	108	68.5	124				

Sample ID: 1503066-021AMS	SampType: MS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 19226						
Client ID: MW19-030615	Batch ID: R19226	TestNo: SW8260B		Analysis Date: 3/11/2015	SeqNo: 255040						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	42.2	1.00	40.00	0	105	47.8	165				
Trichloroethene	47.6	1.00	40.00	0	119	50.8	164				

Sample ID: 1503066-021AMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 19226						
Client ID: MW19-030615	Batch ID: R19226	TestNo: SW8260B		Analysis Date: 3/11/2015	SeqNo: 255041						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	41.6	1.00	40.00	0	104	47.8	165	42.19	1.43	20	
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Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted reco

QC SUMMARY REPORT

WO#: 1503066

17-Mar-15

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

TestCode: 8260_W

Sample ID: 1503066-021AMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 19226						
Client ID: MW19-030615	Batch ID: R19226	TestNo: SW8260B		Analysis Date: 3/11/2015	SeqNo: 255041						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	48.0	1.00	40.00	0	120	50.8	164	47.64	0.690	20	

Sample ID: MB	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 19226						
Client ID: PBW	Batch ID: R19226	TestNo: SW8260B		Analysis Date: 3/11/2015	SeqNo: 255042						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Tetrachloroethene	0.310	1.00									J
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	111		100.0		111	85.3	116				
Surr: 4-Bromofluorobenzene	100		100.0		100	88.1	120				
Surr: Dibromofluoromethane	101		100.0		101	94.2	122				
Surr: Toluene-d8	97.0		100.0		97.0	86.2	135				

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted reco

KEY TO FLAGS

Rev. May 12, 2010

- A This sample contains a Gasoline Range Organic not identified as a specific hydrocarbon product. The result was quantified against gasoline calibration standards
- A1 This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was quantified against diesel calibration standards.
- A2 This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was quantified against a lube oil calibration standard.
- A3 The result was determined to be Non-Detect based on hydrocarbon pattern recognition. The product was carry-over from another hydrocarbon type.
- A4 The product appears to be aged or degraded diesel.
- B The blank exhibited a positive result great than the reporting limit for this compound.
- CN See Case Narrative.
- D Result is based from a dilution.
- E Result exceeds the calibration range for this compound. The result should be considered as estimate.
- F The positive result for this hydrocarbon is due to single component contamination. The product does not match any hydrocarbon in the fuels library.
- G Result may be biased high due to biogenic interferences. Clean up is recommended.
- H Sample was analyzed outside recommended holding time.
- HT At clients request, samples was analyzed outside of recommended holding time.
- J The result for this analyte is between the MDL and the PQL and should be considered as estimated concentration.
- K Diesel result is biased high due to amount of Oil contained in the sample.
- L Diesel result is biased high due to amount of Gasoline contained in the sample.
- M Oil result is biased high due to amount of Diesel contained in the sample.
- MC Sample concentration is greater than 4x the spiked value, the spiked value is considered insignificant.
- MI Result is outside control limits due to matrix interference.
- MSA Value determined by Method of Standard Addition.
- O Laboratory Control Standard (LCS) exceeded laboratory control limits, but meets CCV criteria. Data meets EPA requirements.
- Q Detection levels elevated due to sample matrix.
- R RPD control limits were exceeded.
- RF Duplicate failed due to result being at or near the method-reporting limit.
- RP Matrix spike values exceed established QC limits; post digestion spike is in control.
- S Recovery is outside control limits.
- SC Closing CCV or LCS exceeded high recovery control limits, but associated samples are non-detect. Data meets EPA requirements.
- * The result for this parameter was greater than the maximum contaminant level of the TCLP regulatory limit.

CHAIN OF CUSTODY RECORD

Specialty Analytical
 11711 SE Capps Road
 Clackamas, OR 97015
 Phone: 503-607-1331
 Fax: 503-607-1336

Contact Person/Project Manager Merideth O'Andrea
 Company MFA
 Address 400 E. Hill Plaza Blvd #400
Vancouver, WA 98660
 Phone 360-694-2691 Fax _____
 Project No. 8006.31.05 Project Name Park Laundry
 Project Site Location OR WA Other _____
 Invoice To MFA P.O. No. _____

Collected By: _____
 Signature Emily Hess
 Printed Emily Hess

Signature Shedene Harvester
 Printed _____

Turn Around Time _____
 Normal 5-7 Business Days
 Rush _____ Specify _____

Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix	Analyses					No. of Containers	For Laboratory Use									
				PCF	trans-1,2-DCE	TCE	Vinyl chloride	1,1-DCA		1,2-DCA	Chloroethene	Lab Job No.	Shipped Via	Air Bill No.					
3/14/15	0834	MW01-030415	W																
3/14/15	0917	MW02-030415																	
3/14/15	1029	MW21-030415																	
3/14/15	1100	MW03-030415																	
3/14/15	1533	MW08-030415																	
3/15/15	0842	MW04-030515																	
3/15/15	0857	MW05-030515																	
3/15/15	0857	MW05-030515-DUP																	
3/15/15	1020	MW06-030515																	
3/15/15	1055	MW14-030515																	
3/15/15	1130	MW13-030515																	
3/15/15	1204	MW09-030515																	

Temperature On Receipt 4 °C
 Specialty Analytical Containers? Y/N
 Specialty Analytical Trip Blanks? Y/N

Relinquished By: _____
 Company: _____
 Date: 3/9/15
 Time: 13:40

Received By: _____
 Company: _____
 Date: 3/9/15
 Time: 13:40

Relinquished By: _____
 Company: MFA
 Date: 3/9/15
 Time: 10:00

Received For Lab By: Cindy Hilligord
 Date: 3/9/15
 Time: 13:40

Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.
 Samples held beyond 60 days subject to storage fee(s)

CHAIN OF CUSTODY RECORD

Specialty Analytical
 11711 SE Capps Road
 Clackamas, OR 97015
 Phone: 503-607-1331
 Fax: 503-607-1336

Contact Person/Project Manager Meredith D'Andrea
 Company MFA
 Address _____
 Phone _____ Fax _____
 Project No. 8006-310-05 Project Name Park Laundry
 Project Site Location OR WA Other V
 Invoice To MFA P.O. No. _____

Collected By: Emily Hess
 Signature [Signature]
 Printed Emily Hess
 Signature Sharon Harvester
 Printed Sharon Harvester

Turn Around Time _____
 Normal 5-7 Business Days
 Rush _____ Specify _____
Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix	No. of Containers	Analyses	For Laboratory Use	Relinquished By	Date	Time
3/5/15	1442	MW16-030515	W	5	1,1-DCB CIS-1,2-DCE PCB TRANS-1,2-DCE TCE Vinyl chloride 1,1-DCB 1,2-DCA Chloroethane	Lab Job No. <u>1505066</u> Shipped Via <u>Specialty</u> Air Bill No. _____ Temperature On Receipt <u>4</u> °C Specialty Analytical Containers? <u>Y/N</u> Specialty Analytical Trip Blanks? <u>Y/N</u>	[Signature]	3/4/15	1340
3/5/15	1617	MW15-030515	W	5			[Signature]		
3/6/15	0815	MW20-030615	W	5			[Signature]		
3/6/15	948	MW17-030615	W	5			[Signature]		
3/6/15	1111	MW07-030615	W	5			[Signature]		
3/6/15	1220	MW10-030615	W	5			[Signature]		
3/6/15	1354	MW11-030615	W	5			[Signature]		
3/6/15	1423	MW13-030615	W	5			[Signature]		
3/6/15	1553	MW19-030615	W	5			[Signature]		
3/6/15	-	TRIP BLANK	W	2			[Signature]		
Relinquished By <u>Emily Hess</u>				Received By <u>[Signature]</u>	Company: <u>MFA</u>	Company: <u>[Signature]</u>			
Date: <u>3/9/15</u>				Date: <u>3/9/15</u>	Time: <u>10:00</u>	Time: <u>13:40</u>			
Company: <u>MFA</u>				Received For Lab By: <u>Cindy Hillgard</u>					

Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.
 Samples held beyond 60 days subject to storage fee(s)



Specialty Analytical

11711 SE Capps Road, Ste B
Clackamas, Oregon 97015
TEL: 503-607-1331 FAX: 503-607-1336
Website: www.specialtyanalytical.com

June 23, 2015

Merideth D'Andrea
Maul Foster & Alongi
400 E. Mill Plain Blvd.
Suite 400
Vancouver, WA 98660
TEL: (503) 501-5216
FAX: (360) 906-1958
RE: Park Laundry / 8006.31.05/01

Dear Merideth D'Andrea:

Order No.: 1506114

Specialty Analytical received 15 sample(s) on 6/11/2015 for the analyses presented in the following report.

There were no problems with the analysis and all data for associated QC met EPA or laboratory specifications, except where noted in the Case Narrative, or as qualified with flags. Results apply only to the samples analyzed. Without approval of the laboratory, the reproduction of this report is only permitted in its entirety.

If you have any questions regarding these tests, please feel free to call.

Sincerely,

A handwritten signature in black ink, appearing to read "Marty French". The signature is cursive and somewhat stylized.

Marty French
Lab Director

Specialty Analytical

Date Reported: 23-Jun-15

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05/01
Lab ID: 1506114-001
Client Sample ID: MW21-060915

Collection Date: 6/9/2015 8:22:00 AM

Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	6/17/2015 7:51:00 AM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	6/17/2015 7:51:00 AM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	6/17/2015 7:51:00 AM
Chloroethane	ND	0.203	1.00		µg/L	1	6/17/2015 7:51:00 AM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	6/17/2015 7:51:00 AM
Tetrachloroethene	12.6	0.0672	1.00		µg/L	1	6/17/2015 7:51:00 AM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	6/17/2015 7:51:00 AM
Trichloroethene	ND	0.0870	1.00		µg/L	1	6/17/2015 7:51:00 AM
Vinyl chloride	ND	0.155	1.00		µg/L	1	6/17/2015 7:51:00 AM
Surr: 1,2-Dichloroethane-d4	106	85.3-116			%REC	1	6/17/2015 7:51:00 AM
Surr: 4-Bromofluorobenzene	101	88.1-120			%REC	1	6/17/2015 7:51:00 AM
Surr: Dibromofluoromethane	109	94.2-122			%REC	1	6/17/2015 7:51:00 AM
Surr: Toluene-d8	111	86.2-135			%REC	1	6/17/2015 7:51:00 AM

Specialty Analytical

Date Reported: 23-Jun-15

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05/01
Lab ID: 1506114-002
Client Sample ID: MW03-060915

Collection Date: 6/9/2015 9:06:00 AM

Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	6/17/2015 8:56:00 AM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	6/17/2015 8:56:00 AM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	6/17/2015 8:56:00 AM
Chloroethane	ND	0.203	1.00		µg/L	1	6/17/2015 8:56:00 AM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	6/17/2015 8:56:00 AM
Tetrachloroethene	16500	6.72	100		µg/L	100	6/17/2015 4:03:00 AM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	6/17/2015 8:56:00 AM
Trichloroethene	1.82	0.0870	1.00		µg/L	1	6/17/2015 8:56:00 AM
Vinyl chloride	ND	0.155	1.00		µg/L	1	6/17/2015 8:56:00 AM
Surr: 1,2-Dichloroethane-d4	109	85.3-116			%REC	1	6/17/2015 8:56:00 AM
Surr: 4-Bromofluorobenzene	102	88.1-120			%REC	1	6/17/2015 8:56:00 AM
Surr: Dibromofluoromethane	110	94.2-122			%REC	1	6/17/2015 8:56:00 AM
Surr: Toluene-d8	101	86.2-135			%REC	1	6/17/2015 8:56:00 AM

Specialty Analytical

Date Reported: 23-Jun-15

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05/01
Lab ID: 1506114-003
Client Sample ID: MW16-060915

Collection Date: 6/9/2015 11:56:00 AM

Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	6/17/2015 5:08:00 AM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	6/17/2015 5:08:00 AM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	6/17/2015 5:08:00 AM
Chloroethane	ND	0.203	1.00		µg/L	1	6/17/2015 5:08:00 AM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	6/17/2015 5:08:00 AM
Tetrachloroethene	12.0	0.0672	1.00		µg/L	1	6/17/2015 5:08:00 AM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	6/17/2015 5:08:00 AM
Trichloroethene	1.00	0.0870	1.00		µg/L	1	6/17/2015 5:08:00 AM
Vinyl chloride	ND	0.155	1.00		µg/L	1	6/17/2015 5:08:00 AM
Surr: 1,2-Dichloroethane-d4	109	85.3-116			%REC	1	6/17/2015 5:08:00 AM
Surr: 4-Bromofluorobenzene	101	88.1-120			%REC	1	6/17/2015 5:08:00 AM
Surr: Dibromofluoromethane	112	94.2-122			%REC	1	6/17/2015 5:08:00 AM
Surr: Toluene-d8	109	86.2-135			%REC	1	6/17/2015 5:08:00 AM

Specialty Analytical

Date Reported: 23-Jun-15

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05/01
Lab ID: 1506114-004
Client Sample ID: MW15-060915

Collection Date: 6/9/2015 2:25:00 PM

Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	6/17/2015 5:40:00 AM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	6/17/2015 5:40:00 AM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	6/17/2015 5:40:00 AM
Chloroethane	ND	0.203	1.00		µg/L	1	6/17/2015 5:40:00 AM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	6/17/2015 5:40:00 AM
Tetrachloroethene	8.24	0.0672	1.00		µg/L	1	6/17/2015 5:40:00 AM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	6/17/2015 5:40:00 AM
Trichloroethene	0.420	0.0870	1.00	J	µg/L	1	6/17/2015 5:40:00 AM
Vinyl chloride	ND	0.155	1.00		µg/L	1	6/17/2015 5:40:00 AM
Surr: 1,2-Dichloroethane-d4	106	85.3-116			%REC	1	6/17/2015 5:40:00 AM
Surr: 4-Bromofluorobenzene	89.0	88.1-120			%REC	1	6/17/2015 5:40:00 AM
Surr: Dibromofluoromethane	108	94.2-122			%REC	1	6/17/2015 5:40:00 AM
Surr: Toluene-d8	111	86.2-135			%REC	1	6/17/2015 5:40:00 AM

Specialty Analytical

Date Reported: 23-Jun-15

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05/01
Lab ID: 1506114-005
Client Sample ID: MW07-061015

Collection Date: 6/10/2015 9:20:00 AM

Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	6/17/2015 6:13:00 AM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	6/17/2015 6:13:00 AM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	6/17/2015 6:13:00 AM
Chloroethane	ND	0.203	1.00		µg/L	1	6/17/2015 6:13:00 AM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	6/17/2015 6:13:00 AM
Tetrachloroethene	2.22	0.0672	1.00		µg/L	1	6/17/2015 6:13:00 AM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	6/17/2015 6:13:00 AM
Trichloroethene	ND	0.0870	1.00		µg/L	1	6/17/2015 6:13:00 AM
Vinyl chloride	ND	0.155	1.00		µg/L	1	6/17/2015 6:13:00 AM
Surr: 1,2-Dichloroethane-d4	107	85.3-116			%REC	1	6/17/2015 6:13:00 AM
Surr: 4-Bromofluorobenzene	99.8	88.1-120			%REC	1	6/17/2015 6:13:00 AM
Surr: Dibromofluoromethane	108	94.2-122			%REC	1	6/17/2015 6:13:00 AM
Surr: Toluene-d8	112	86.2-135			%REC	1	6/17/2015 6:13:00 AM

Specialty Analytical

Date Reported: 23-Jun-15

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05/01
Lab ID: 1506114-006
Client Sample ID: MW10-061015

Collection Date: 6/10/2015 10:41:00 AM

Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	6/17/2015 6:46:00 AM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	6/17/2015 6:46:00 AM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	6/17/2015 6:46:00 AM
Chloroethane	ND	0.203	1.00		µg/L	1	6/17/2015 6:46:00 AM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	6/17/2015 6:46:00 AM
Tetrachloroethene	75.5	0.0672	1.00		µg/L	1	6/17/2015 6:46:00 AM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	6/17/2015 6:46:00 AM
Trichloroethene	16.3	0.0870	1.00		µg/L	1	6/17/2015 6:46:00 AM
Vinyl chloride	ND	0.155	1.00		µg/L	1	6/17/2015 6:46:00 AM
Surr: 1,2-Dichloroethane-d4	107	85.3-116			%REC	1	6/17/2015 6:46:00 AM
Surr: 4-Bromofluorobenzene	101	88.1-120			%REC	1	6/17/2015 6:46:00 AM
Surr: Dibromofluoromethane	111	94.2-122			%REC	1	6/17/2015 6:46:00 AM
Surr: Toluene-d8	113	86.2-135			%REC	1	6/17/2015 6:46:00 AM

Specialty Analytical

Date Reported: 23-Jun-15

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05/01
Lab ID: 1506114-007
Client Sample ID: MW11-061015

Collection Date: 6/10/2015 12:52:00 PM

Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	6/17/2015 7:18:00 AM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	6/17/2015 7:18:00 AM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	6/17/2015 7:18:00 AM
Chloroethane	ND	0.203	1.00		µg/L	1	6/17/2015 7:18:00 AM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	6/17/2015 7:18:00 AM
Tetrachloroethene	42.8	0.0672	1.00		µg/L	1	6/17/2015 7:18:00 AM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	6/17/2015 7:18:00 AM
Trichloroethene	4.90	0.0870	1.00		µg/L	1	6/17/2015 7:18:00 AM
Vinyl chloride	ND	0.155	1.00		µg/L	1	6/17/2015 7:18:00 AM
Surr: 1,2-Dichloroethane-d4	106	85.3-116			%REC	1	6/17/2015 7:18:00 AM
Surr: 4-Bromofluorobenzene	103	88.1-120			%REC	1	6/17/2015 7:18:00 AM
Surr: Dibromofluoromethane	111	94.2-122			%REC	1	6/17/2015 7:18:00 AM
Surr: Toluene-d8	116	86.2-135			%REC	1	6/17/2015 7:18:00 AM

Specialty Analytical

Date Reported: 23-Jun-15

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05/01
Lab ID: 1506114-008
Client Sample ID: MW13-061015

Collection Date: 6/10/2015 1:08:00 PM

Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	6/17/2015 8:24:00 AM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	6/17/2015 8:24:00 AM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	6/17/2015 8:24:00 AM
Chloroethane	ND	0.203	1.00		µg/L	1	6/17/2015 8:24:00 AM
cis-1,2-Dichloroethene	1.91	0.0660	1.00		µg/L	1	6/17/2015 8:24:00 AM
Tetrachloroethene	459	0.672	10.0		µg/L	10	6/17/2015 4:35:00 AM
trans-1,2-Dichloroethene	0.710	0.0830	1.00	J	µg/L	1	6/17/2015 8:24:00 AM
Trichloroethene	123	0.0870	1.00		µg/L	1	6/17/2015 8:24:00 AM
Vinyl chloride	ND	0.155	1.00		µg/L	1	6/17/2015 8:24:00 AM
Surr: 1,2-Dichloroethane-d4	108	85.3-116			%REC	1	6/17/2015 8:24:00 AM
Surr: 4-Bromofluorobenzene	101	88.1-120			%REC	1	6/17/2015 8:24:00 AM
Surr: Dibromofluoromethane	110	94.2-122			%REC	1	6/17/2015 8:24:00 AM
Surr: Toluene-d8	110	86.2-135			%REC	1	6/17/2015 8:24:00 AM

Specialty Analytical

Date Reported: 23-Jun-15

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05/01
Lab ID: 1506114-009
Client Sample ID: MW18-061015

Collection Date: 6/10/2015 2:12:00 PM

Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	6/18/2015 3:42:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	6/18/2015 3:42:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	6/18/2015 3:42:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	6/18/2015 3:42:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	6/18/2015 3:42:00 PM
Tetrachloroethene	0.250	0.0672	1.00	J	µg/L	1	6/18/2015 3:42:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	6/18/2015 3:42:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	6/18/2015 3:42:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	6/18/2015 3:42:00 PM
Surr: 1,2-Dichloroethane-d4	97.9	85.3-116			%REC	1	6/18/2015 3:42:00 PM
Surr: 4-Bromofluorobenzene	102	88.1-120			%REC	1	6/18/2015 3:42:00 PM
Surr: Dibromofluoromethane	102	94.2-122			%REC	1	6/18/2015 3:42:00 PM
Surr: Toluene-d8	111	86.2-135			%REC	1	6/18/2015 3:42:00 PM

Specialty Analytical

Date Reported: 23-Jun-15

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05/01
Lab ID: 1506114-010
Client Sample ID: MW06-061015

Collection Date: 6/10/2015 3:10:00 PM

Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	6/18/2015 4:14:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	6/18/2015 4:14:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	6/18/2015 4:14:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	6/18/2015 4:14:00 PM
cis-1,2-Dichloroethene	1.68	0.0660	1.00		µg/L	1	6/18/2015 4:14:00 PM
Tetrachloroethene	2.78	0.0672	1.00		µg/L	1	6/18/2015 4:14:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	6/18/2015 4:14:00 PM
Trichloroethene	7.98	0.0870	1.00		µg/L	1	6/18/2015 4:14:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	6/18/2015 4:14:00 PM
Surr: 1,2-Dichloroethane-d4	97.1	85.3-116			%REC	1	6/18/2015 4:14:00 PM
Surr: 4-Bromofluorobenzene	103	88.1-120			%REC	1	6/18/2015 4:14:00 PM
Surr: Dibromofluoromethane	104	94.2-122			%REC	1	6/18/2015 4:14:00 PM
Surr: Toluene-d8	110	86.2-135			%REC	1	6/18/2015 4:14:00 PM

Specialty Analytical

Date Reported: 23-Jun-15

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05/01
Lab ID: 1506114-011
Client Sample ID: MW05-061115

Collection Date: 6/11/2015 8:38:00 AM

Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	6/18/2015 8:02:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	6/18/2015 8:02:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	6/18/2015 8:02:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	6/18/2015 8:02:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	6/18/2015 8:02:00 PM
Tetrachloroethene	890	0.672	10.0		µg/L	10	6/18/2015 6:57:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	6/18/2015 8:02:00 PM
Trichloroethene	3.79	0.0870	1.00		µg/L	1	6/18/2015 8:02:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	6/18/2015 8:02:00 PM
Surr: 1,2-Dichloroethane-d4	97.2	85.3-116			%REC	1	6/18/2015 8:02:00 PM
Surr: 4-Bromofluorobenzene	99.9	88.1-120			%REC	1	6/18/2015 8:02:00 PM
Surr: Dibromofluoromethane	103	94.2-122			%REC	1	6/18/2015 8:02:00 PM
Surr: Toluene-d8	102	86.2-135			%REC	1	6/18/2015 8:02:00 PM

Specialty Analytical

Date Reported: 23-Jun-15

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05/01
Lab ID: 1506114-012
Client Sample ID: MW05-061115-DUP

Collection Date: 6/11/2015 8:38:00 AM

Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	6/18/2015 8:34:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	6/18/2015 8:34:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	6/18/2015 8:34:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	6/18/2015 8:34:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	6/18/2015 8:34:00 PM
Tetrachloroethene	865	0.672	10.0		µg/L	10	6/18/2015 7:29:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	6/18/2015 8:34:00 PM
Trichloroethene	3.14	0.0870	1.00		µg/L	1	6/18/2015 8:34:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	6/18/2015 8:34:00 PM
Surr: 1,2-Dichloroethane-d4	97.9	85.3-116			%REC	1	6/18/2015 8:34:00 PM
Surr: 4-Bromofluorobenzene	118	88.1-120			%REC	1	6/18/2015 8:34:00 PM
Surr: Dibromofluoromethane	105	94.2-122			%REC	1	6/18/2015 8:34:00 PM
Surr: Toluene-d8	119	86.2-135			%REC	1	6/18/2015 8:34:00 PM

Specialty Analytical

Date Reported: 23-Jun-15

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05/01
Lab ID: 1506114-013
Client Sample ID: MW14-061115

Collection Date: 6/11/2015 10:09:00 AM

Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	6/18/2015 5:19:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	6/18/2015 5:19:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	6/18/2015 5:19:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	6/18/2015 5:19:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	6/18/2015 5:19:00 PM
Tetrachloroethene	0.450	0.0672	1.00	J	µg/L	1	6/18/2015 5:19:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	6/18/2015 5:19:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	6/18/2015 5:19:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	6/18/2015 5:19:00 PM
Surr: 1,2-Dichloroethane-d4	96.3	85.3-116			%REC	1	6/18/2015 5:19:00 PM
Surr: 4-Bromofluorobenzene	103	88.1-120			%REC	1	6/18/2015 5:19:00 PM
Surr: Dibromofluoromethane	104	94.2-122			%REC	1	6/18/2015 5:19:00 PM
Surr: Toluene-d8	108	86.2-135			%REC	1	6/18/2015 5:19:00 PM

Specialty Analytical

Date Reported: 23-Jun-15

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05/01
Lab ID: 1506114-014
Client Sample ID: MW09-061115

Collection Date: 6/11/2015 10:25:00 AM

Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	6/18/2015 5:52:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	6/18/2015 5:52:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	6/18/2015 5:52:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	6/18/2015 5:52:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	6/18/2015 5:52:00 PM
Tetrachloroethene	48.4	0.0672	1.00		µg/L	1	6/18/2015 5:52:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	6/18/2015 5:52:00 PM
Trichloroethene	85.3	0.0870	1.00		µg/L	1	6/18/2015 5:52:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	6/18/2015 5:52:00 PM
Surr: 1,2-Dichloroethane-d4	97.6	85.3-116			%REC	1	6/18/2015 5:52:00 PM
Surr: 4-Bromofluorobenzene	103	88.1-120			%REC	1	6/18/2015 5:52:00 PM
Surr: Dibromofluoromethane	103	94.2-122			%REC	1	6/18/2015 5:52:00 PM
Surr: Toluene-d8	109	86.2-135			%REC	1	6/18/2015 5:52:00 PM

Specialty Analytical

Date Reported: 23-Jun-15

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05/01
Lab ID: 1506114-015
Client Sample ID: Trip Blank_061115

Collection Date: 6/11/2015

Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	6/18/2015 4:47:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	6/18/2015 4:47:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	6/18/2015 4:47:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	6/18/2015 4:47:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	6/18/2015 4:47:00 PM
Tetrachloroethene	ND	0.0672	1.00		µg/L	1	6/18/2015 4:47:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	6/18/2015 4:47:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	6/18/2015 4:47:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	6/18/2015 4:47:00 PM
Surr: 1,2-Dichloroethane-d4	101	85.3-116			%REC	1	6/18/2015 4:47:00 PM
Surr: 4-Bromofluorobenzene	104	88.1-120			%REC	1	6/18/2015 4:47:00 PM
Surr: Dibromofluoromethane	107	94.2-122			%REC	1	6/18/2015 4:47:00 PM
Surr: Toluene-d8	106	86.2-135			%REC	1	6/18/2015 4:47:00 PM

QC SUMMARY REPORT

WO#: 1506114

23-Jun-15

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05/01

TestCode: 8260_W

Sample ID: CCV MSVWS-2024	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 20744						
Client ID: CCV	Batch ID: R20744	TestNo: SW8260B		Analysis Date: 6/16/2015	SeqNo: 275892						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	66.6	1.00	60.00	0	111	80	120				
Vinyl chloride	51.5	1.00	60.00	0	85.8	80	120				

Sample ID: LCS MSVWS-2025	SampType: LCS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 20744						
Client ID: LCSW	Batch ID: R20744	TestNo: SW8260B		Analysis Date: 6/16/2015	SeqNo: 275893						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	45.3	1.00	40.00	0	113	61.2	135				
Trichloroethene	43.1	1.00	40.00	0	108	68.5	124				

Sample ID: 1506119-001BMS	SampType: MS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 20744						
Client ID: ZZZZZZ	Batch ID: R20744	TestNo: SW8260B		Analysis Date: 6/16/2015	SeqNo: 275894						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	40.6	1.00	40.00	0	101	47.8	165				
Trichloroethene	37.6	1.00	40.00	0	94.1	50.8	164				

Sample ID: 1506119-001BMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 20744						
Client ID: ZZZZZZ	Batch ID: R20744	TestNo: SW8260B		Analysis Date: 6/16/2015	SeqNo: 275895						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	38.3	1.00	40.00	0	95.8	47.8	165	40.59	5.81	20	
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Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted reco

QC SUMMARY REPORT

WO#: 1506114
23-Jun-15

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05/01

TestCode: 8260_W

Sample ID: 1506119-001BMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 20744						
Client ID: ZZZZZZ	Batch ID: R20744	TestNo: SW8260B		Analysis Date: 6/16/2015	SeqNo: 275895						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	37.4	1.00	40.00	0	93.5	50.8	164	37.62	0.613	20	

Sample ID: MB	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 20744						
Client ID: PBW	Batch ID: R20744	TestNo: SW8260B		Analysis Date: 6/16/2015	SeqNo: 275896						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Tetrachloroethene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	104		100.0		104	85.3	116				
Surr: 4-Bromofluorobenzene	88.7		100.0		88.7	88.1	120				
Surr: Dibromofluoromethane	117		100.0		117	94.2	122				
Surr: Toluene-d8	110		100.0		110	86.2	135				

Qualifiers:	B Analyte detected in the associated Method Blank	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	O RSD is greater than RSDlimit	R RPD outside accepted recovery limits	S Spike Recovery outside accepted reco

QC SUMMARY REPORT

WO#: 1506114
23-Jun-15

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05/01

TestCode: 8260_W

Sample ID: CCV MSVWS-2024	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 20744						
Client ID: CCV	Batch ID: R20744	TestNo: SW8260B		Analysis Date: 6/17/2015	SeqNo: 276364						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	43.3	1.00	40.00	0	108	80	120				
Vinyl chloride	36.0	1.00	40.00	0	90.1	80	120				

Sample ID: CCB	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 20744						
Client ID: CCB	Batch ID: R20744	TestNo: SW8260B		Analysis Date: 6/17/2015	SeqNo: 276365						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Tetrachloroethene	0.210	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	114		100.0		114	85.3	116				
Surr: 4-Bromofluorobenzene	102		100.0		102	88.1	120				
Surr: Dibromofluoromethane	112		100.0		112	94.2	122				
Surr: Toluene-d8	117		100.0		117	86.2	135				

Qualifiers:	B Analyte detected in the associated Method Blank O RSD is greater than RSDlimit	H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits	ND Not Detected at the Reporting Limit S Spike Recovery outside accepted reco	Page 3 of 6
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QC SUMMARY REPORT

WO#: 1506114
23-Jun-15

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05/01

TestCode: 8260_W

Sample ID: CCV MSVWS-2024	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 20807						
Client ID: CCV	Batch ID: R20807	TestNo: SW8260B		Analysis Date: 6/18/2015	SeqNo: 277368						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	63.1	1.00	60.00	0	105	80	120
Vinyl chloride	54.1	1.00	60.00	0	90.2	80	120

Sample ID: LCS MSVWS-2025	SampType: LCS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 20807						
Client ID: LCSW	Batch ID: R20807	TestNo: SW8260B		Analysis Date: 6/18/2015	SeqNo: 277369						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	41.8	1.00	40.00	0	104	61.2	135
Trichloroethene	38.3	1.00	40.00	0	95.9	68.5	124

Sample ID: A1506115-001DMS	SampType: MS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 20807						
Client ID: ZZZZZZ	Batch ID: R20807	TestNo: SW8260B		Analysis Date: 6/18/2015	SeqNo: 277370						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	7710	200	8000	0	96.4	47.8	165
Trichloroethene	16500	200	8000	8794	96.5	50.8	164

Sample ID: A1506115-001DMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 20807						
Client ID: ZZZZZZ	Batch ID: R20807	TestNo: SW8260B		Analysis Date: 6/18/2015	SeqNo: 277371						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	7830	200	8000	0	97.9	47.8	165	7714	1.47	20
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Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted reco

QC SUMMARY REPORT

WO#: 1506114
23-Jun-15

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05/01

TestCode: 8260_W

Sample ID: A1506115-001DMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 20807						
Client ID: ZZZZZZ	Batch ID: R20807	TestNo: SW8260B		Analysis Date: 6/18/2015	SeqNo: 277371						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	16400	200	8000	8794	95.5	50.8	164	16510	0.474	20	

Sample ID: MB	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 20807						
Client ID: PBW	Batch ID: R20807	TestNo: SW8260B		Analysis Date: 6/18/2015	SeqNo: 277372						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Tetrachloroethene	0.250	1.00									J
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	101		100.0		101	85.3	116				
Surr: 4-Bromofluorobenzene	101		100.0		101	88.1	120				
Surr: Dibromofluoromethane	106		100.0		106	94.2	122				
Surr: Toluene-d8	106		100.0		106	86.2	135				

Qualifiers:	B Analyte detected in the associated Method Blank O RSD is greater than RSDlimit	H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits	ND Not Detected at the Reporting Limit S Spike Recovery outside accepted reco	Page 5 of 6
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QC SUMMARY REPORT

WO#: 1506114

23-Jun-15

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05/01

TestCode: 8260_W

Sample ID: CCV MSVWS-2024	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 20807						
Client ID: CCV	Batch ID: R20807	TestNo: SW8260B		Analysis Date: 6/19/2015	SeqNo: 277429						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	42.4	1.00	40.00	0	106	80	120				
Vinyl chloride	39.0	1.00	40.00	0	97.6	80	120				

Sample ID: CCB	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 20807						
Client ID: CCB	Batch ID: R20807	TestNo: SW8260B		Analysis Date: 6/19/2015	SeqNo: 277430						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Tetrachloroethene	0.230	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	99.0		100.0		99.0	85.3	116				
Surr: 4-Bromofluorobenzene	102		100.0		102	88.1	120				
Surr: Dibromofluoromethane	105		100.0		105	94.2	122				
Surr: Toluene-d8	101		100.0		101	86.2	135				

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit Page 6 of 6
O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted reco

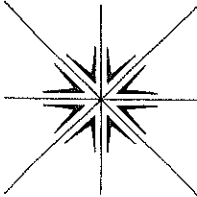
KEY TO FLAGS

Rev. May 12, 2010

- A This sample contains a Gasoline Range Organic not identified as a specific hydrocarbon product. The result was quantified against gasoline calibration standards
- A1 This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was quantified against diesel calibration standards.
- A2 This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was quantified against a lube oil calibration standard.
- A3 The result was determined to be Non-Detect based on hydrocarbon pattern recognition. The product was carry-over from another hydrocarbon type.
- A4 The product appears to be aged or degraded diesel.
- B The blank exhibited a positive result great than the reporting limit for this compound.
- CN See Case Narrative.
- D Result is based from a dilution.
- E Result exceeds the calibration range for this compound. The result should be considered as estimate.
- F The positive result for this hydrocarbon is due to single component contamination. The product does not match any hydrocarbon in the fuels library.
- G Result may be biased high due to biogenic interferences. Clean up is recommended.
- H Sample was analyzed outside recommended holding time.
- HT At clients request, samples was analyzed outside of recommended holding time.
- J The result for this analyte is between the MDL and the PQL and should be considered as estimated concentration.
- K Diesel result is biased high due to amount of Oil contained in the sample.
- L Diesel result is biased high due to amount of Gasoline contained in the sample.
- M Oil result is biased high due to amount of Diesel contained in the sample.
- MC Sample concentration is greater than 4x the spiked value, the spiked value is considered insignificant.
- MI Result is outside control limits due to matrix interference.
- MSA Value determined by Method of Standard Addition.
- O Laboratory Control Standard (LCS) exceeded laboratory control limits, but meets CCV criteria. Data meets EPA requirements.
- Q Detection levels elevated due to sample matrix.
- R RPD control limits were exceeded.
- RF Duplicate failed due to result being at or near the method-reporting limit.
- RP Matrix spike values exceed established QC limits; post digestion spike is in control.
- S Recovery is outside control limits.
- SC Closing CCV or LCS exceeded high recovery control limits, but associated samples are non-detect. Data meets EPA requirements.
- * The result for this parameter was greater than the maximum contaminant level of the TCLP regulatory limit.

CHAIN OF CUSTODY RECORD

Specialty Analytical
 11711 SE Capps Road
 Clackamas, OR 97015
 Phone: 503-607-1331
 Fax: 503-607-1336



Collected By: [Signature]
 Signature: [Signature]
 Printed: SHARLENE HARVESTER

Contact Person/Project Manager: Merideth D'Andrea
 Company: Maul Foster & Anngi, Inc.
 Address: 400 E Mill Plain Blvd Ste 400
Yanover WA 98664
 Phone: 360 694 2691 Fax: _____
 Project No: 8006.31.05121 Project Name: URIC
 Project Site Location OR WA Other _____
 Invoice To: MFA P.O. No. _____

Signature: _____
 Printed: _____
 Turn Around Time _____
 Normal 5-7 Business Days
 Rush _____ Specify _____
Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix	No. of Containers	Analyses	For Laboratory Use	Lab I.D.	
6/9	822	MW21-060915	W	5	PCB CS-1,2-DCB 1,1-DCB	Lab Job No. <u>50011</u> Shipped Via <u>SPC</u> Air Bill No. _____ Temperature On Receipt <u>7</u> °C Specialty Analytical Containers? Y/N Specialty Analytical Trip Blanks? Y/N		
	906	MW03-060915	W	5	TCB Trans-1,2-DCB Vinyl chloride 1,1-DCB 1,2-DCB Chloroethane			
	1156	MW16-060915	W	5				
	1425	MW15-060915	W	5				
6/10	920	MW07-061015	W	5				
	1041	MW10-061015	W	5				
	1252	MW11-061015	W	5				
	1308	MW13-061015	W	5				
	1412	MW18-061015	W	5				
	1510	MW06-061015	W	5				
6/11	838	MW05-061115	W	5				
	838	MW05-061115-DUP	W	5				
Relinquished By: <u>[Signature]</u>					Relinquished By: _____			Date: <u>6/11/15 1301</u>
Company: <u>MFA</u>					Company: <u>Specialty</u>			Date: <u>6/11/15 1422</u>
Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt. Samples held beyond 60 days subject to storage fee(s)					Received For Lab By: <u>Nikki Pappas</u>			Date: <u>6/11/15 1422</u>

CHAIN OF CUSTODY RECORD

Specialty Analytical
 11711 SE Capps Road
 Clackamas, OR 97015
 Phone: 503-607-1331
 Fax: 503-607-1336

Contact Person/Project Manager MERIDETH D'ANDREA
 Company MAUL FOSTER & ALONGI
 Address 400 E MILL PLAZA BLD STE 400
YANCOUVER WA 98660
 Phone 360 694 2497 Fax _____
 Project No. 80063105101 Project Name URIC
 Project Site Location OR WA Other _____
 Invoice To MFA P.O. No. _____

Collected By: [Signature]
 Signature SARVONE HARVESTER
 Printed SARVONE HARVESTER

Signature _____
 Printed _____
 Turn Around Time _____
 Normal 5-7 Business Days
 Rush _____ Specify _____

Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix	No. of Containers	Analyses	For Laboratory Use	Relinquished By:	Date	Time		
6/11	1009	MW14-06115	W	5	1,1-DCE 1,2-DCE trans-1,2-DCE TCB vinyl chloride 1,1-DCA 1,2-DCA chloroethane	Lab Job No. <u>150014</u> Shipped Via <u>Spec</u> Air Bill No. _____ Temperature On Receipt <u>7</u> °C Specialty Analytical Containers? Y/N Specialty Analytical Trip Blanks? Y/N	[Signature]	6/11/15	14:23		
6/11	1025	MW09-06115	W	5	1,1-DCE 1,2-DCE trans-1,2-DCE TCB vinyl chloride 1,1-DCA 1,2-DCA chloroethane		[Signature]	6/11/15	14:23		
6/11		TRIP BLANKS	W	2			[Signature]	6/11/15	14:23		
Relinquished By:		Specialty Analytical		Received For Lab By:		MFA		6/11/15		14:23	
Company:		MFA		Received For Lab By:		MFA		6/11/15		14:23	

Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.
 Samples held beyond 60 days subject to storage fee(s)



Specialty Analytical

11711 SE Capps Road, Ste B
Clackamas, Oregon 97015
TEL: 503-607-1331 FAX: 503-607-1336
Website: www.specialtyanalytical.com

September 25, 2015

Merideth D'Andrea
Maul Foster & Alongi
400 E. Mill Plain Blvd.
Suite 400
Vancouver, WA 98660

TEL: (503) 501-5216
FAX: (360) 906-1958
RE: URIC / 8006.31.05

Dear Merideth D'Andrea:

Order No.: 1509125

Specialty Analytical received 14 sample(s) on 9/16/2015 for the analyses presented in the following report.

There were no problems with the analysis and all data for associated QC met EPA or laboratory specifications, except where noted in the Case Narrative, or as qualified with flags. Results apply only to the samples analyzed. Without approval of the laboratory, the reproduction of this report is only permitted in its entirety.

If you have any questions regarding these tests, please feel free to call.

Sincerely,

A handwritten signature in black ink, appearing to read "Marty French". The signature is cursive and somewhat stylized.

Marty French
Lab Director

Specialty Analytical

Date Reported: 25-Sep-15

CLIENT: Maul Foster & Alongi
Project: URIC / 8006.31.05

Lab Order: 1509125

Lab ID: 1509125-001
Client Sample ID: MW08-091415

Collection Date: 9/14/2015 1:41:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	9/18/2015 4:42:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	9/18/2015 4:42:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	9/18/2015 4:42:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	9/18/2015 4:42:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	9/18/2015 4:42:00 PM
Tetrachloroethene	ND	0.0672	1.00		µg/L	1	9/18/2015 4:42:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	9/18/2015 4:42:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	9/18/2015 4:42:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	9/18/2015 4:42:00 PM
Surr: 1,2-Dichloroethane-d4	105	85.3-116			%REC	1	9/18/2015 4:42:00 PM
Surr: 4-Bromofluorobenzene	96.2	88.1-120			%REC	1	9/18/2015 4:42:00 PM
Surr: Dibromofluoromethane	107	94.2-122			%REC	1	9/18/2015 4:42:00 PM
Surr: Toluene-d8	98.6	86.2-135			%REC	1	9/18/2015 4:42:00 PM

Lab ID: 1509125-002
Client Sample ID: MW09-091415

Collection Date: 9/14/2015 6:09:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	9/18/2015 5:14:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	9/18/2015 5:14:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	9/18/2015 5:14:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	9/18/2015 5:14:00 PM
cis-1,2-Dichloroethene	0.490	0.0660	1.00	J	µg/L	1	9/18/2015 5:14:00 PM
Tetrachloroethene	71.4	0.0672	1.00		µg/L	1	9/18/2015 5:14:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	9/18/2015 5:14:00 PM
Trichloroethene	104	0.0870	1.00		µg/L	1	9/18/2015 5:14:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	9/18/2015 5:14:00 PM
Surr: 1,2-Dichloroethane-d4	105	85.3-116			%REC	1	9/18/2015 5:14:00 PM
Surr: 4-Bromofluorobenzene	93.7	88.1-120			%REC	1	9/18/2015 5:14:00 PM
Surr: Dibromofluoromethane	107	94.2-122			%REC	1	9/18/2015 5:14:00 PM
Surr: Toluene-d8	86.4	86.2-135			%REC	1	9/18/2015 5:14:00 PM

Specialty Analytical

Date Reported: 25-Sep-15

CLIENT: Maul Foster & Alongi
Project: URIC / 8006.31.05

Lab Order: 1509125

Lab ID: 1509125-003
Client Sample ID: MW-04-091415

Collection Date: 9/14/2015 6:55:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	9/18/2015 5:46:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	9/18/2015 5:46:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	9/18/2015 5:46:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	9/18/2015 5:46:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	9/18/2015 5:46:00 PM
Tetrachloroethene	11.9	0.0672	1.00		µg/L	1	9/18/2015 5:46:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	9/18/2015 5:46:00 PM
Trichloroethene	0.440	0.0870	1.00	J	µg/L	1	9/18/2015 5:46:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	9/18/2015 5:46:00 PM
Surr: 1,2-Dichloroethane-d4	104	85.3-116			%REC	1	9/18/2015 5:46:00 PM
Surr: 4-Bromofluorobenzene	95.9	88.1-120			%REC	1	9/18/2015 5:46:00 PM
Surr: Dibromofluoromethane	106	94.2-122			%REC	1	9/18/2015 5:46:00 PM
Surr: Toluene-d8	101	86.2-135			%REC	1	9/18/2015 5:46:00 PM

Lab ID: 1509125-004
Client Sample ID: MW19-091515

Collection Date: 9/15/2015 8:50:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	9/18/2015 6:18:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	9/18/2015 6:18:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	9/18/2015 6:18:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	9/18/2015 6:18:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	9/18/2015 6:18:00 PM
Tetrachloroethene	1.39	0.0672	1.00		µg/L	1	9/18/2015 6:18:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	9/18/2015 6:18:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	9/18/2015 6:18:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	9/18/2015 6:18:00 PM
Surr: 1,2-Dichloroethane-d4	106	85.3-116			%REC	1	9/18/2015 6:18:00 PM
Surr: 4-Bromofluorobenzene	96.1	88.1-120			%REC	1	9/18/2015 6:18:00 PM
Surr: Dibromofluoromethane	106	94.2-122			%REC	1	9/18/2015 6:18:00 PM
Surr: Toluene-d8	96.0	86.2-135			%REC	1	9/18/2015 6:18:00 PM

Specialty Analytical

Date Reported: 25-Sep-15

CLIENT: Maul Foster & Alongi
Project: URIC / 8006.31.05

Lab Order: 1509125

Lab ID: 1509125-005
Client Sample ID: MW11-091515

Collection Date: 9/15/2015 11:15:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	9/18/2015 6:51:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	9/18/2015 6:51:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	9/18/2015 6:51:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	9/18/2015 6:51:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	9/18/2015 6:51:00 PM
Tetrachloroethene	43.0	0.0672	1.00		µg/L	1	9/18/2015 6:51:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	9/18/2015 6:51:00 PM
Trichloroethene	5.90	0.0870	1.00		µg/L	1	9/18/2015 6:51:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	9/18/2015 6:51:00 PM
Surr: 1,2-Dichloroethane-d4	103	85.3-116			%REC	1	9/18/2015 6:51:00 PM
Surr: 4-Bromofluorobenzene	95.1	88.1-120			%REC	1	9/18/2015 6:51:00 PM
Surr: Dibromofluoromethane	104	94.2-122			%REC	1	9/18/2015 6:51:00 PM
Surr: Toluene-d8	101	86.2-135			%REC	1	9/18/2015 6:51:00 PM

Lab ID: 1509125-006
Client Sample ID: MW15-091515

Collection Date: 9/15/2015 10:43:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	9/18/2015 7:23:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	9/18/2015 7:23:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	9/18/2015 7:23:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	9/18/2015 7:23:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	9/18/2015 7:23:00 PM
Tetrachloroethene	11.9	0.0672	1.00		µg/L	1	9/18/2015 7:23:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	9/18/2015 7:23:00 PM
Trichloroethene	0.320	0.0870	1.00	J	µg/L	1	9/18/2015 7:23:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	9/18/2015 7:23:00 PM
Surr: 1,2-Dichloroethane-d4	109	85.3-116			%REC	1	9/18/2015 7:23:00 PM
Surr: 4-Bromofluorobenzene	96.2	88.1-120			%REC	1	9/18/2015 7:23:00 PM
Surr: Dibromofluoromethane	106	94.2-122			%REC	1	9/18/2015 7:23:00 PM
Surr: Toluene-d8	99.0	86.2-135			%REC	1	9/18/2015 7:23:00 PM

Specialty Analytical

Date Reported: 25-Sep-15

CLIENT: Maul Foster & Alongi
Project: URIC / 8006.31.05

Lab Order: 1509125

Lab ID: 1509125-007
Client Sample ID: MW13-091515

Collection Date: 9/15/2015 2:40:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	9/18/2015 7:55:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	9/18/2015 7:55:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	9/18/2015 7:55:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	9/18/2015 7:55:00 PM
cis-1,2-Dichloroethene	0.370	0.0660	1.00	J	µg/L	1	9/18/2015 7:55:00 PM
Tetrachloroethene	179	0.0672	1.00		µg/L	1	9/18/2015 7:55:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	9/18/2015 7:55:00 PM
Trichloroethene	19.6	0.0870	1.00		µg/L	1	9/18/2015 7:55:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	9/18/2015 7:55:00 PM
Surr: 1,2-Dichloroethane-d4	104	85.3-116			%REC	1	9/18/2015 7:55:00 PM
Surr: 4-Bromofluorobenzene	98.2	88.1-120			%REC	1	9/18/2015 7:55:00 PM
Surr: Dibromofluoromethane	105	94.2-122			%REC	1	9/18/2015 7:55:00 PM
Surr: Toluene-d8	95.7	86.2-135			%REC	1	9/18/2015 7:55:00 PM

Lab ID: 1509125-008
Client Sample ID: MW16-091515

Collection Date: 9/15/2015 2:16:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	9/23/2015 12:35:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	9/23/2015 12:35:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	9/23/2015 12:35:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	9/23/2015 12:35:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	9/23/2015 12:35:00 PM
Tetrachloroethene	13.4	0.0672	1.00		µg/L	1	9/23/2015 12:35:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	9/23/2015 12:35:00 PM
Trichloroethene	0.750	0.0870	1.00	J	µg/L	1	9/23/2015 12:35:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	9/23/2015 12:35:00 PM
Surr: 1,2-Dichloroethane-d4	96.2	85.3-116			%REC	1	9/23/2015 12:35:00 PM
Surr: 4-Bromofluorobenzene	93.2	88.1-120			%REC	1	9/23/2015 12:35:00 PM
Surr: Dibromofluoromethane	103	94.2-122			%REC	1	9/23/2015 12:35:00 PM
Surr: Toluene-d8	98.9	86.2-135			%REC	1	9/23/2015 12:35:00 PM

Specialty Analytical

Date Reported: 25-Sep-15

CLIENT: Maul Foster & Alongi
Project: URIC / 8006.31.05

Lab Order: 1509125

Lab ID: 1509125-009
Client Sample ID: MW06-091615

Collection Date: 9/16/2015 8:50:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	9/23/2015 1:06:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	9/23/2015 1:06:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	9/23/2015 1:06:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	9/23/2015 1:06:00 PM
cis-1,2-Dichloroethene	2.09	0.0660	1.00		µg/L	1	9/23/2015 1:06:00 PM
Tetrachloroethene	2.71	0.0672	1.00		µg/L	1	9/23/2015 1:06:00 PM
trans-1,2-Dichloroethene	0.480	0.0830	1.00	J	µg/L	1	9/23/2015 1:06:00 PM
Trichloroethene	6.32	0.0870	1.00		µg/L	1	9/23/2015 1:06:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	9/23/2015 1:06:00 PM
Surr: 1,2-Dichloroethane-d4	99.3	85.3-116			%REC	1	9/23/2015 1:06:00 PM
Surr: 4-Bromofluorobenzene	94.6	88.1-120			%REC	1	9/23/2015 1:06:00 PM
Surr: Dibromofluoromethane	105	94.2-122			%REC	1	9/23/2015 1:06:00 PM
Surr: Toluene-d8	100	86.2-135			%REC	1	9/23/2015 1:06:00 PM

Lab ID: 1509125-010
Client Sample ID: MW18-091615

Collection Date: 9/16/2015 9:30:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	9/23/2015 1:38:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	9/23/2015 1:38:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	9/23/2015 1:38:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	9/23/2015 1:38:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	9/23/2015 1:38:00 PM
Tetrachloroethene	ND	0.0672	1.00		µg/L	1	9/23/2015 1:38:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	9/23/2015 1:38:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	9/23/2015 1:38:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	9/23/2015 1:38:00 PM
Surr: 1,2-Dichloroethane-d4	98.6	85.3-116			%REC	1	9/23/2015 1:38:00 PM
Surr: 4-Bromofluorobenzene	94.0	88.1-120			%REC	1	9/23/2015 1:38:00 PM
Surr: Dibromofluoromethane	104	94.2-122			%REC	1	9/23/2015 1:38:00 PM
Surr: Toluene-d8	101	86.2-135			%REC	1	9/23/2015 1:38:00 PM

Specialty Analytical

Date Reported: 25-Sep-15

CLIENT: Maul Foster & Alongi
Project: URIC / 8006.31.05

Lab Order: 1509125

Lab ID: 1509125-011
Client Sample ID: MW20-091615

Collection Date: 9/16/2015 10:10:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	9/23/2015 2:10:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	9/23/2015 2:10:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	9/23/2015 2:10:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	9/23/2015 2:10:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	9/23/2015 2:10:00 PM
Tetrachloroethene	ND	0.0672	1.00		µg/L	1	9/23/2015 2:10:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	9/23/2015 2:10:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	9/23/2015 2:10:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	9/23/2015 2:10:00 PM
Surr: 1,2-Dichloroethane-d4	99.3	85.3-116			%REC	1	9/23/2015 2:10:00 PM
Surr: 4-Bromofluorobenzene	93.9	88.1-120			%REC	1	9/23/2015 2:10:00 PM
Surr: Dibromofluoromethane	105	94.2-122			%REC	1	9/23/2015 2:10:00 PM
Surr: Toluene-d8	98.4	86.2-135			%REC	1	9/23/2015 2:10:00 PM

Lab ID: 1509125-012
Client Sample ID: MW01-091615

Collection Date: 9/16/2015 11:40:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	9/23/2015 2:41:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	9/23/2015 2:41:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	9/23/2015 2:41:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	9/23/2015 2:41:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	9/23/2015 2:41:00 PM
Tetrachloroethene	1.42	0.0672	1.00		µg/L	1	9/23/2015 2:41:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	9/23/2015 2:41:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	9/23/2015 2:41:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	9/23/2015 2:41:00 PM
Surr: 1,2-Dichloroethane-d4	101	85.3-116			%REC	1	9/23/2015 2:41:00 PM
Surr: 4-Bromofluorobenzene	94.5	88.1-120			%REC	1	9/23/2015 2:41:00 PM
Surr: Dibromofluoromethane	106	94.2-122			%REC	1	9/23/2015 2:41:00 PM
Surr: Toluene-d8	98.9	86.2-135			%REC	1	9/23/2015 2:41:00 PM

Specialty Analytical

Date Reported: 25-Sep-15

CLIENT: Maul Foster & Alongi
Project: URIC / 8006.31.05

Lab Order: 1509125

Lab ID: 1509125-013
Client Sample ID: MW02-091615

Collection Date: 9/16/2015 12:28:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B			Analyst: CK	
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	9/23/2015 3:13:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	9/23/2015 3:13:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	9/23/2015 3:13:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	9/23/2015 3:13:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	9/23/2015 3:13:00 PM
Tetrachloroethene	1.01	0.0672	1.00		µg/L	1	9/23/2015 3:13:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	9/23/2015 3:13:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	9/23/2015 3:13:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	9/23/2015 3:13:00 PM
Surr: 1,2-Dichloroethane-d4	99.4	85.3-116			%REC	1	9/23/2015 3:13:00 PM
Surr: 4-Bromofluorobenzene	94.8	88.1-120			%REC	1	9/23/2015 3:13:00 PM
Surr: Dibromofluoromethane	105	94.2-122			%REC	1	9/23/2015 3:13:00 PM
Surr: Toluene-d8	98.9	86.2-135			%REC	1	9/23/2015 3:13:00 PM

Lab ID: 1509125-014
Client Sample ID: Trip Blank_091615

Collection Date: 9/16/2015
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B			Analyst: CK	
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	9/18/2015 4:10:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	9/18/2015 4:10:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	9/18/2015 4:10:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	9/18/2015 4:10:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	9/18/2015 4:10:00 PM
Tetrachloroethene	ND	0.0672	1.00		µg/L	1	9/18/2015 4:10:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	9/18/2015 4:10:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	9/18/2015 4:10:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	9/18/2015 4:10:00 PM
Surr: 1,2-Dichloroethane-d4	105	85.3-116			%REC	1	9/18/2015 4:10:00 PM
Surr: 4-Bromofluorobenzene	96.9	88.1-120			%REC	1	9/18/2015 4:10:00 PM
Surr: Dibromofluoromethane	107	94.2-122			%REC	1	9/18/2015 4:10:00 PM
Surr: Toluene-d8	100	86.2-135			%REC	1	9/18/2015 4:10:00 PM

QC SUMMARY REPORT

WO#: 1509125

25-Sep-15

Specialty Analytical

Client: Maul Foster & Alongi

Project: URIC / 8006.31.05

TestCode: 8260_W

Sample ID: 60 PPB ICAL	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 21924						
Client ID: CCV	Batch ID: R21924	TestNo: SW8260B		Analysis Date: 9/17/2015	SeqNo: 294477						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	56.1	1.00	60.00	0	93.5	80	120				
Vinyl chloride	54.2	1.00	60.00	0	90.4	80	120				

Sample ID: 60PPB ICV	SampType: LCS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 21924						
Client ID: LCSW	Batch ID: R21924	TestNo: SW8260B		Analysis Date: 9/18/2015	SeqNo: 294478						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	56.2	1.00	60.00	0	93.7	61.2	135				
Trichloroethene	54.2	1.00	60.00	0	90.4	68.5	124				

Sample ID: 60PPB ICV	SampType: LCSD	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 21924						
Client ID: LCSS02	Batch ID: R21924	TestNo: SW8260B		Analysis Date: 9/18/2015	SeqNo: 294479						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	54.5	1.00	60.00	0	90.8	61.2	135	56.24	3.18	20	
Trichloroethene	52.6	1.00	60.00	0	87.6	68.5	124	54.24	3.15	20	

Sample ID: MB	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 21924						
Client ID: PBW	Batch ID: R21924	TestNo: SW8260B		Analysis Date: 9/18/2015	SeqNo: 294480						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethane	ND	1.00									
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Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted reco

QC SUMMARY REPORT

WO#: 1509125

25-Sep-15

Specialty Analytical

Client: Maul Foster & Alongi

Project: URIC / 8006.31.05

TestCode: 8260_W

Sample ID: MB	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 21924						
Client ID: PBW	Batch ID: R21924	TestNo: SW8260B		Analysis Date: 9/18/2015	SeqNo: 294480						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Tetrachloroethene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	98.2		100.0		98.2	85.3	116				
Surr: 4-Bromofluorobenzene	93.5		100.0		93.5	88.1	120				
Surr: Dibromofluoromethane	102		100.0		102	94.2	122				
Surr: Toluene-d8	101		100.0		101	86.2	135				

Sample ID: CCV MSVWS-2035	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 21924						
Client ID: CCV	Batch ID: R21924	TestNo: SW8260B		Analysis Date: 9/18/2015	SeqNo: 294481						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	41.3	1.00	40.00	0	103	80	120				
Vinyl chloride	40.7	1.00	40.00	0	102	80	120				

Qualifiers:	B Analyte detected in the associated Method Blank O RSD is greater than RSDlimit	H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits	ND Not Detected at the Reporting Limit S Spike Recovery outside accepted reco	Page 2 of 5
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QC SUMMARY REPORT

WO#: 1509125
25-Sep-15

Specialty Analytical

Client: Maul Foster & Alongi
Project: URIC / 8006.31.05

TestCode: 8260_W

Sample ID: 1509125-002AMS	SampType: MS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 21924						
Client ID: MW09-091415	Batch ID: R21924	TestNo: SW8260B		Analysis Date: 9/18/2015	SeqNo: 294482						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	38.9	1.00	40.00	0	97.3	47.8	165				
Trichloroethene	143	1.00	40.00	104.3	97.9	50.8	164				

Sample ID: 1509125-002AMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 21924						
Client ID: MW09-091415	Batch ID: R21924	TestNo: SW8260B		Analysis Date: 9/18/2015	SeqNo: 294483						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	36.8	1.00	40.00	0	92.0	47.8	165	38.90	5.58	20	
Trichloroethene	138	1.00	40.00	104.3	84.8	50.8	164	143.5	3.72	20	

Sample ID: CCB	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 21924						
Client ID: CCB	Batch ID: R21924	TestNo: SW8260B		Analysis Date: 9/18/2015	SeqNo: 294484						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Tetrachloroethene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted reco

QC SUMMARY REPORT

WO#: 1509125
25-Sep-15

Specialty Analytical

Client: Maul Foster & Alongi
Project: URIC / 8006.31.05

TestCode: 8260_W

Sample ID: CCB	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 21924						
Client ID: CCB	Batch ID: R21924	TestNo: SW8260B		Analysis Date: 9/18/2015	SeqNo: 294484						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	100		100.0		100	85.3	116				
Surr: 4-Bromofluorobenzene	96.0		100.0		96.0	88.1	120				
Surr: Dibromofluoromethane	106		100.0		106	94.2	122				
Surr: Toluene-d8	102		100.0		102	86.2	135				

Sample ID: CCV MSVWS-2035	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 21924						
Client ID: CCV	Batch ID: R21924	TestNo: SW8260B		Analysis Date: 9/23/2015	SeqNo: 295219						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	43.7	1.00	40.00	0	109	80	120				
Vinyl chloride	37.7	1.00	40.00	0	94.2	80	120				

Sample ID: CCB	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 21924						
Client ID: CCB	Batch ID: R21924	TestNo: SW8260B		Analysis Date: 9/23/2015	SeqNo: 295220						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Tetrachloroethene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted reco

QC SUMMARY REPORT

WO#: 1509125

25-Sep-15

Specialty Analytical

Client: Maul Foster & Alongi

Project: URIC / 8006.31.05

TestCode: 8260_W

Sample ID: CCB	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 21924						
Client ID: CCB	Batch ID: R21924	TestNo: SW8260B		Analysis Date: 9/23/2015	SeqNo: 295220						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	94.3		100.0		94.3	85.3	116				
Surr: 4-Bromofluorobenzene	93.6		100.0		93.6	88.1	120				
Surr: Dibromofluoromethane	102		100.0		102	94.2	122				
Surr: Toluene-d8	101		100.0		101	86.2	135				

Qualifiers: B Analyte detected in the associated Method Blank
O RSD is greater than RSDlimit

H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits

ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted reco

KEY TO FLAGS

Rev. May 12, 2010

- A This sample contains a Gasoline Range Organic not identified as a specific hydrocarbon product. The result was quantified against gasoline calibration standards
- A1 This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was quantified against diesel calibration standards.
- A2 This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was quantified against a lube oil calibration standard.
- A3 The result was determined to be Non-Detect based on hydrocarbon pattern recognition. The product was carry-over from another hydrocarbon type.
- A4 The product appears to be aged or degraded diesel.
- B The blank exhibited a positive result great than the reporting limit for this compound.
- CN See Case Narrative.
- D Result is based from a dilution.
- E Result exceeds the calibration range for this compound. The result should be considered as estimate.
- F The positive result for this hydrocarbon is due to single component contamination. The product does not match any hydrocarbon in the fuels library.
- G Result may be biased high due to biogenic interferences. Clean up is recommended.
- H Sample was analyzed outside recommended holding time.
- HT At clients request, samples was analyzed outside of recommended holding time.
- J The result for this analyte is between the MDL and the PQL and should be considered as estimated concentration.
- K Diesel result is biased high due to amount of Oil contained in the sample.
- L Diesel result is biased high due to amount of Gasoline contained in the sample.
- M Oil result is biased high due to amount of Diesel contained in the sample.
- MC Sample concentration is greater than 4x the spiked value, the spiked value is considered insignificant.
- MI Result is outside control limits due to matrix interference.
- MSA Value determined by Method of Standard Addition.
- O Laboratory Control Standard (LCS) exceeded laboratory control limits, but meets CCV criteria. Data meets EPA requirements.
- Q Detection levels elevated due to sample matrix.
- R RPD control limits were exceeded.
- RF Duplicate failed due to result being at or near the method-reporting limit.
- RP Matrix spike values exceed established QC limits; post digestion spike is in control.
- S Recovery is outside control limits.
- SC Closing CCV or LCS exceeded high recovery control limits, but associated samples are non-detect. Data meets EPA requirements.
- * The result for this parameter was greater than the maximum contaminant level of the TCLP regulatory limit.

CHAIN OF CUSTODY RECORD

Specialty Analytical
 11711 SE Capps Road
 Clackamas, OR 97015
 Phone: 503-607-1331
 Fax: 503-607-1336

Contact Person/Project Manager Merideth D. Andrea
 Company Maul Foster & Alongi, Inc.
 Address 400 E Mill Plain Blvd, Suite 400
Vancouver, WA 98660
 Phone 360-694-2691 Fax _____
 Project No. 8006.31.05 Project Name Park Laundry CURIC
 Project Site Location OR WA Other
 Invoice To MFA P.O. No. _____

Collected By: Kelly R. Titkemeier
 Signature [Signature]
 Printed Kelly R. Titkemeier

Signature _____
 Printed Emily Hess

Turn Around Time _____
 Normal 5-7 Business Days
 Rush _____ Specify _____

Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix	No. of Containers	Analyses	For Laboratory Use	Relinquished By:	Date	Time
9/14/15	13:41	MW08-091415	GW	5	1,1-DCE cis-1,2-DCE PCE trans-1,2-DCE TCE Vinyl Chloride 1,1-DCA 1,2-DCA Chloroethane	Lab Job No. <u>1509125</u> Shipped Via <u>SA</u> Air Bill No. _____ Temperature On Receipt <u>4</u> °C Specialty Analytical Containers? <u>Y/N</u> Specialty Analytical Trip Blanks? <u>Y/N</u>	<u>[Signature]</u>	9-16-15	14:19
↓	18:09	MW09-091415	↓	↓					
9/15/15	18:55	MW04-091415	↓	↓					
↓	08:50	MW19-091515	↓	↓					
↓	11:15	MW11-091515	↓	↓					
↓	10:43	MW15-091515	↓	↓					
↓	14:40	MW13-091515	↓	↓					
↓	14:16	MW16-091515	↓	↓					
9/16/15	08:50	MW06-091615	↓	↓					
↓	09:30	MW18-091615	↓	↓					
↓	10:10	MW20-091615	↓	↓					
9/16/15	-	TRIP BLANK	H2O	2					
Relinquished By:		MFA		MFA		MFA		MFA	
Company:		MFA		MFA		MFA		MFA	
Received By:		MFA		MFA		MFA		MFA	
Company:		MFA		MFA		MFA		MFA	
Date:		9/16/15		9/16/15		9-16-15		9-16-15	
Time:		13:13		13:13		14:19		14:20	

Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.
 Samples held beyond 60 days subject to storage fees(s)

CHAIN OF CUSTODY RECORD

Specialty Analytical

11711 SE Capps Road
Clackamas, OR 97015
Phone: 503-607-1331
Fax: 503-607-1336

Contact Person/Project Manager: Meredith D. Andrea
Company: Maul Foster & Alongi, Inc.
Address: 400 E. Mill Plain Blvd. Suite 400
Vancouver, WA 98660
Phone: 360-694-2691 Fax: _____
Project No: 8006.31.05 Project Name: URIC
Project Site Location: OR WA Other _____
Invoice To: MFA P.O. No. _____

Collected By: Kelly B. Titkemier
Signature: Kelly B. Titkemier
Printed: Kelly B. Titkemier

Signature: _____
Printed: _____

Turn Around Time _____
 Normal 5-7 Business Days
 Rush _____ Specify _____

Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix	No. of Containers	Analyses	Comments	Lab I.D.	Date	Time
9/16/15	11:40	MW01-091615	GW	5	1,1-DCE			9-16-15	14:19
✓	12:28	MW02-091615	↓	↓	CIS-1,2-DCE				
					PCE				
					trans-1,2-DCE				
					TCE				
					Vinyl Chloride				
					1,1-DCA				
					1,2-DCA				
					chloroethane				

For Laboratory Use
Lab Job No. 1508125
Shipped Via SA
Air Bill No. _____
Temperature On Receipt 4 °C
Specialty Analytical Containers? Y/N
Specialty Analytical Trip Blanks? Y/N

Reinquired By: [Signature] Date: 9-16-15 Time: 14:19
Company: MFA
Received By: [Signature] Date: 9-16-15 Time: 14:20
Company: MFA

Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.
Samples held beyond 60 days subject to storage fee(s)



Specialty Analytical

11711 SE Capps Road, Ste B
Clackamas, Oregon 97015
TEL: 503-607-1331 FAX: 503-607-1336
Website: www.specialtyanalytical.com

September 25, 2015

Merideth D'Andrea
Maul Foster & Alongi
400 E. Mill Plain Blvd.
Suite 400
Vancouver, WA 98660

TEL: (503) 501-5216
FAX: (360) 906-1958
RE: URIC / 8006.31.05

Dear Merideth D'Andrea:

Order No.: 1509155

Specialty Analytical received 9 sample(s) on 9/18/2015 for the analyses presented in the following report.

There were no problems with the analysis and all data for associated QC met EPA or laboratory specifications, except where noted in the Case Narrative, or as qualified with flags. Results apply only to the samples analyzed. Without approval of the laboratory, the reproduction of this report is only permitted in its entirety.

If you have any questions regarding these tests, please feel free to call.

Sincerely,

A handwritten signature in black ink, appearing to read "Marty French". The signature is fluid and cursive, with the first name being more prominent.

Marty French
Lab Director

Specialty Analytical

Date Reported: 25-Sep-15

CLIENT: Maul Foster & Alongi
Project: URIC / 8006.31.05
Lab ID: 1509155-001
Client Sample ID: MW03-091615

Collection Date: 9/16/2015 2:10:00 PM

Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: CK
1,1-Dichloroethane	ND	0.0851		µg/L	1	9/24/2015 12:13:00 AM
1,1-Dichloroethene	ND	0.0964		µg/L	1	9/24/2015 12:13:00 AM
1,2-Dichloroethane	ND	0.0870		µg/L	1	9/24/2015 12:13:00 AM
Chloroethane	ND	0.203		µg/L	1	9/24/2015 12:13:00 AM
cis-1,2-Dichloroethene	0.290	0.0660	J	µg/L	1	9/24/2015 12:13:00 AM
Tetrachloroethene	8710	6.72		µg/L	100	9/24/2015 4:19:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	9/24/2015 12:13:00 AM
Trichloroethene	1.95	0.0870		µg/L	1	9/24/2015 12:13:00 AM
Vinyl chloride	ND	0.155		µg/L	1	9/24/2015 12:13:00 AM
Surr: 1,2-Dichloroethane-d4	98.4	85.3-116		%REC	1	9/24/2015 12:13:00 AM
Surr: 4-Bromofluorobenzene	92.4	88.1-120		%REC	1	9/24/2015 12:13:00 AM
Surr: Dibromofluoromethane	102	94.2-122		%REC	1	9/24/2015 12:13:00 AM
Surr: Toluene-d8	94.7	86.2-135		%REC	1	9/24/2015 12:13:00 AM

Specialty Analytical

Date Reported: 25-Sep-15

CLIENT: Maul Foster & Alongi
Project: URIC / 8006.31.05
Lab ID: 1509155-002
Client Sample ID: MW21-091615

Collection Date: 9/16/2015 3:15:00 PM

Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: CK
1,1-Dichloroethane	ND	0.0851		µg/L	1	9/24/2015 12:45:00 AM
1,1-Dichloroethene	ND	0.0964		µg/L	1	9/24/2015 12:45:00 AM
1,2-Dichloroethane	ND	0.0870		µg/L	1	9/24/2015 12:45:00 AM
Chloroethane	ND	0.203		µg/L	1	9/24/2015 12:45:00 AM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	9/24/2015 12:45:00 AM
Tetrachloroethene	17.3	0.0672		µg/L	1	9/24/2015 11:07:00 AM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	9/24/2015 12:45:00 AM
Trichloroethene	ND	0.0870		µg/L	1	9/24/2015 12:45:00 AM
Vinyl chloride	ND	0.155		µg/L	1	9/24/2015 12:45:00 AM
Surr: 1,2-Dichloroethane-d4	96.2	85.3-116		%REC	1	9/24/2015 12:45:00 AM
Surr: 4-Bromofluorobenzene	93.2	88.1-120		%REC	1	9/24/2015 12:45:00 AM
Surr: Dibromofluoromethane	103	94.2-122		%REC	1	9/24/2015 12:45:00 AM
Surr: Toluene-d8	103	86.2-135		%REC	1	9/24/2015 12:45:00 AM

Specialty Analytical

Date Reported: 25-Sep-15

CLIENT: Maul Foster & Alongi
Project: URIC / 8006.31.05
Lab ID: 1509155-003
Client Sample ID: MW05-091615

Collection Date: 9/16/2015 4:27:00 PM

Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: CK
1,1-Dichloroethane	ND	0.0851		µg/L	1	9/24/2015 1:16:00 AM
1,1-Dichloroethene	ND	0.0964		µg/L	1	9/24/2015 1:16:00 AM
1,2-Dichloroethane	ND	0.0870		µg/L	1	9/24/2015 1:16:00 AM
Chloroethane	ND	0.203		µg/L	1	9/24/2015 1:16:00 AM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	9/24/2015 1:16:00 AM
Tetrachloroethene	832	0.336		µg/L	5	9/24/2015 12:24:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	9/24/2015 1:16:00 AM
Trichloroethene	2.28	0.0870		µg/L	1	9/24/2015 1:16:00 AM
Vinyl chloride	ND	0.155		µg/L	1	9/24/2015 1:16:00 AM
Surr: 1,2-Dichloroethane-d4	99.9	85.3-116		%REC	1	9/24/2015 1:16:00 AM
Surr: 4-Bromofluorobenzene	93.6	88.1-120		%REC	1	9/24/2015 1:16:00 AM
Surr: Dibromofluoromethane	103	94.2-122		%REC	1	9/24/2015 1:16:00 AM
Surr: Toluene-d8	100	86.2-135		%REC	1	9/24/2015 1:16:00 AM

Specialty Analytical

Date Reported: 25-Sep-15

CLIENT: Maul Foster & Alongi
Project: URIC / 8006.31.05
Lab ID: 1509155-004
Client Sample ID: MW05-091615-DUP

Collection Date: 9/16/2015 4:27:00 PM

Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: CK
1,1-Dichloroethane	ND	0.0851		µg/L	1	9/24/2015 1:48:00 AM
1,1-Dichloroethene	ND	0.0964		µg/L	1	9/24/2015 1:48:00 AM
1,2-Dichloroethane	ND	0.0870		µg/L	1	9/24/2015 1:48:00 AM
Chloroethane	ND	0.203		µg/L	1	9/24/2015 1:48:00 AM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	9/24/2015 1:48:00 AM
Tetrachloroethene	846	0.336		µg/L	5	9/24/2015 12:56:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	9/24/2015 1:48:00 AM
Trichloroethene	2.10	0.0870		µg/L	1	9/24/2015 1:48:00 AM
Vinyl chloride	ND	0.155		µg/L	1	9/24/2015 1:48:00 AM
Surr: 1,2-Dichloroethane-d4	99.9	85.3-116		%REC	1	9/24/2015 1:48:00 AM
Surr: 4-Bromofluorobenzene	93.2	88.1-120		%REC	1	9/24/2015 1:48:00 AM
Surr: Dibromofluoromethane	104	94.2-122		%REC	1	9/24/2015 1:48:00 AM
Surr: Toluene-d8	101	86.2-135		%REC	1	9/24/2015 1:48:00 AM

Specialty Analytical

Date Reported: 25-Sep-15

CLIENT: Maul Foster & Alongi
Project: URIC / 8006.31.05
Lab ID: 1509155-005
Client Sample ID: MW07-091615

Collection Date: 9/16/2015 6:15:00 PM

Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: CK
1,1-Dichloroethane	ND	0.0851		µg/L	1	9/24/2015 2:20:00 AM
1,1-Dichloroethene	ND	0.0964		µg/L	1	9/24/2015 2:20:00 AM
1,2-Dichloroethane	ND	0.0870		µg/L	1	9/24/2015 2:20:00 AM
Chloroethane	ND	0.203		µg/L	1	9/24/2015 2:20:00 AM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	9/24/2015 2:20:00 AM
Tetrachloroethene	35.0	0.0672		µg/L	1	9/24/2015 11:39:00 AM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	9/24/2015 2:20:00 AM
Trichloroethene	ND	0.0870		µg/L	1	9/24/2015 2:20:00 AM
Vinyl chloride	ND	0.155		µg/L	1	9/24/2015 2:20:00 AM
Surr: 1,2-Dichloroethane-d4	99.3	85.3-116		%REC	1	9/24/2015 2:20:00 AM
Surr: 4-Bromofluorobenzene	93.3	88.1-120		%REC	1	9/24/2015 2:20:00 AM
Surr: Dibromofluoromethane	104	94.2-122		%REC	1	9/24/2015 2:20:00 AM
Surr: Toluene-d8	101	86.2-135		%REC	1	9/24/2015 2:20:00 AM

Specialty Analytical

Date Reported: 25-Sep-15

CLIENT: Maul Foster & Alongi
Project: URIC / 8006.31.05
Lab ID: 1509155-006
Client Sample ID: MW14-091715

Collection Date: 9/17/2015 10:05:00 AM

Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: CK
1,1-Dichloroethane	ND	0.0851		µg/L	1	9/24/2015 2:52:00 AM
1,1-Dichloroethene	ND	0.0964		µg/L	1	9/24/2015 2:52:00 AM
1,2-Dichloroethane	ND	0.0870		µg/L	1	9/24/2015 2:52:00 AM
Chloroethane	ND	0.203		µg/L	1	9/24/2015 2:52:00 AM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	9/24/2015 2:52:00 AM
Tetrachloroethene	1.62	0.0672		µg/L	1	9/24/2015 2:52:00 AM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	9/24/2015 2:52:00 AM
Trichloroethene	ND	0.0870		µg/L	1	9/24/2015 2:52:00 AM
Vinyl chloride	ND	0.155		µg/L	1	9/24/2015 2:52:00 AM
Surr: 1,2-Dichloroethane-d4	97.9	85.3-116		%REC	1	9/24/2015 2:52:00 AM
Surr: 4-Bromofluorobenzene	93.8	88.1-120		%REC	1	9/24/2015 2:52:00 AM
Surr: Dibromofluoromethane	105	94.2-122		%REC	1	9/24/2015 2:52:00 AM
Surr: Toluene-d8	102	86.2-135		%REC	1	9/24/2015 2:52:00 AM

Specialty Analytical

Date Reported: 25-Sep-15

CLIENT: Maul Foster & Alongi
Project: URIC / 8006.31.05
Lab ID: 1509155-007
Client Sample ID: MW10-091715

Collection Date: 9/17/2015 12:02:00 PM

Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: CK
1,1-Dichloroethane	ND	0.0851		µg/L	1	9/24/2015 3:23:00 AM
1,1-Dichloroethene	ND	0.0964		µg/L	1	9/24/2015 3:23:00 AM
1,2-Dichloroethane	ND	0.0870		µg/L	1	9/24/2015 3:23:00 AM
Chloroethane	ND	0.203		µg/L	1	9/24/2015 3:23:00 AM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	9/24/2015 3:23:00 AM
Tetrachloroethene	85.9	0.0672		µg/L	1	9/24/2015 3:23:00 AM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	9/24/2015 3:23:00 AM
Trichloroethene	19.5	0.0870		µg/L	1	9/24/2015 3:23:00 AM
Vinyl chloride	ND	0.155		µg/L	1	9/24/2015 3:23:00 AM
Surr: 1,2-Dichloroethane-d4	104	85.3-116		%REC	1	9/24/2015 3:23:00 AM
Surr: 4-Bromofluorobenzene	94.4	88.1-120		%REC	1	9/24/2015 3:23:00 AM
Surr: Dibromofluoromethane	106	94.2-122		%REC	1	9/24/2015 3:23:00 AM
Surr: Toluene-d8	95.6	86.2-135		%REC	1	9/24/2015 3:23:00 AM

Specialty Analytical

Date Reported: 25-Sep-15

CLIENT: Maul Foster & Alongi
Project: URIC / 8006.31.05
Lab ID: 1509155-008
Client Sample ID: MW17-091715

Collection Date: 9/17/2015 3:21:00 PM

Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: CK
1,1-Dichloroethane	ND	0.0851		µg/L	1	9/24/2015 3:55:00 AM
1,1-Dichloroethene	ND	0.0964		µg/L	1	9/24/2015 3:55:00 AM
1,2-Dichloroethane	ND	0.0870		µg/L	1	9/24/2015 3:55:00 AM
Chloroethane	ND	0.203		µg/L	1	9/24/2015 3:55:00 AM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	9/24/2015 3:55:00 AM
Tetrachloroethene	0.390	0.0672	J	µg/L	1	9/24/2015 3:55:00 AM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	9/24/2015 3:55:00 AM
Trichloroethene	ND	0.0870		µg/L	1	9/24/2015 3:55:00 AM
Vinyl chloride	ND	0.155		µg/L	1	9/24/2015 3:55:00 AM
Surr: 1,2-Dichloroethane-d4	106	85.3-116		%REC	1	9/24/2015 3:55:00 AM
Surr: 4-Bromofluorobenzene	91.5	88.1-120		%REC	1	9/24/2015 3:55:00 AM
Surr: Dibromofluoromethane	109	94.2-122		%REC	1	9/24/2015 3:55:00 AM
Surr: Toluene-d8	93.0	86.2-135		%REC	1	9/24/2015 3:55:00 AM

Specialty Analytical

Date Reported: 25-Sep-15

CLIENT: Maul Foster & Alongi
Project: URIC / 8006.31.05
Lab ID: 1509155-009
Client Sample ID: Trip Blank_091715

Collection Date: 9/17/2015

Matrix: WATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B				Analyst: CK
1,1-Dichloroethane	ND	0.0851		µg/L	1	9/23/2015 6:55:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	9/23/2015 6:55:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	9/23/2015 6:55:00 PM
Chloroethane	ND	0.203		µg/L	1	9/23/2015 6:55:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	9/23/2015 6:55:00 PM
Tetrachloroethene	0.250	0.0672	J	µg/L	1	9/23/2015 6:55:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	9/23/2015 6:55:00 PM
Trichloroethene	ND	0.0870		µg/L	1	9/23/2015 6:55:00 PM
Vinyl chloride	ND	0.155		µg/L	1	9/23/2015 6:55:00 PM
Surr: 1,2-Dichloroethane-d4	96.9	85.3-116		%REC	1	9/23/2015 6:55:00 PM
Surr: 4-Bromofluorobenzene	93.4	88.1-120		%REC	1	9/23/2015 6:55:00 PM
Surr: Dibromofluoromethane	103	94.2-122		%REC	1	9/23/2015 6:55:00 PM
Surr: Toluene-d8	102	86.2-135		%REC	1	9/23/2015 6:55:00 PM

QC SUMMARY REPORT

WO#: 1509155

28-Sep-15

Specialty Analytical

Client: Maul Foster & Alongi

Project: URIC / 8006.31.05

TestCode: 8260_W

Sample ID: CCV MSVWS-2035	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 21993						
Client ID: CCV	Batch ID: R21993	TestNo: SW8260B	Analysis Date: 9/23/2015	SeqNo: 295600							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	36.8	1.00	40.00	0	91.9	80	120				
Vinyl chloride	36.1	1.00	40.00	0	90.3	80	120				

Sample ID: LCS MSVWS-2036	SampType: LCS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 21993						
Client ID: LCSW	Batch ID: R21993	TestNo: SW8260B	Analysis Date: 9/23/2015	SeqNo: 295601							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	39.4	1.00	40.00	0	98.5	61.2	135				
Trichloroethene	37.0	1.00	40.00	0	92.5	68.5	124				

Sample ID: 1509155-001AMS	SampType: MS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 21993						
Client ID: MW03-091615	Batch ID: R21993	TestNo: SW8260B	Analysis Date: 9/23/2015	SeqNo: 295602							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	39.2	1.00	40.00	0	97.9	47.8	165				
Trichloroethene	38.3	1.00	40.00	1.950	90.8	50.8	164				

Sample ID: 1509155-001AMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 21993						
Client ID: MW03-091615	Batch ID: R21993	TestNo: SW8260B	Analysis Date: 9/23/2015	SeqNo: 295603							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	40.3	1.00	40.00	0	101	47.8	165	39.15	2.85	20	

Qualifiers:	B Analyte detected in the associated Method Blank O RSD is greater than RSDlimit	H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits	ND Not Detected at the Reporting Limit S Spike Recovery outside accepted reco	Page 1 of 3
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QC SUMMARY REPORT

WO#: 1509155

28-Sep-15

Specialty Analytical

Client: Maul Foster & Alongi

Project: URIC / 8006.31.05

TestCode: 8260_W

Sample ID: 1509155-001AMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 21993						
Client ID: MW03-091615	Batch ID: R21993	TestNo: SW8260B		Analysis Date: 9/23/2015	SeqNo: 295603						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	39.1	1.00	40.00	1.950	92.8	50.8	164	38.26	2.15	20	

Sample ID: MBLK	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 21993						
Client ID: PBW	Batch ID: R21993	TestNo: SW8260B		Analysis Date: 9/23/2015	SeqNo: 295604						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Tetrachloroethene	0.280	1.00									J
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	95.3		100.0		95.3	85.3	116				
Surr: 4-Bromofluorobenzene	93.4		100.0		93.4	88.1	120				
Surr: Dibromofluoromethane	103		100.0		103	94.2	122				
Surr: Toluene-d8	102		100.0		102	86.2	135				

Qualifiers:	B Analyte detected in the associated Method Blank O RSD is greater than RSDlimit	H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits	ND Not Detected at the Reporting Limit S Spike Recovery outside accepted reco	Page 2 of 3
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QC SUMMARY REPORT

WO#: 1509155

28-Sep-15

Specialty Analytical

Client: Maul Foster & Alongi

Project: URIC / 8006.31.05

TestCode: 8260_W

Sample ID: CCV MSVWS-2035	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 21993						
Client ID: CCV	Batch ID: R21993	TestNo: SW8260B		Analysis Date: 9/24/2015	SeqNo: 295657						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	62.2	1.00	60.00	0	104	80	120				
Vinyl chloride	56.3	1.00	60.00	0	93.8	80	120				

Sample ID: CCB	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 21993						
Client ID: CCB	Batch ID: R21993	TestNo: SW8260B		Analysis Date: 9/24/2015	SeqNo: 295658						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Tetrachloroethene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	98.7		100.0		98.7	85.3	116				
Surr: 4-Bromofluorobenzene	93.0		100.0		93.0	88.1	120				
Surr: Dibromofluoromethane	104		100.0		104	94.2	122				
Surr: Toluene-d8	102		100.0		102	86.2	135				

Qualifiers:	B Analyte detected in the associated Method Blank O RSD is greater than RSDlimit	H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits	ND Not Detected at the Reporting Limit S Spike Recovery outside accepted reco	Page 3 of 3
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KEY TO FLAGS

Rev. May 12, 2010

- A This sample contains a Gasoline Range Organic not identified as a specific hydrocarbon product. The result was quantified against gasoline calibration standards
- A1 This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was quantified against diesel calibration standards.
- A2 This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was quantified against a lube oil calibration standard.
- A3 The result was determined to be Non-Detect based on hydrocarbon pattern recognition. The product was carry-over from another hydrocarbon type.
- A4 The product appears to be aged or degraded diesel.
- B The blank exhibited a positive result great than the reporting limit for this compound.
- CN See Case Narrative.
- D Result is based from a dilution.
- E Result exceeds the calibration range for this compound. The result should be considered as estimate.
- F The positive result for this hydrocarbon is due to single component contamination. The product does not match any hydrocarbon in the fuels library.
- G Result may be biased high due to biogenic interferences. Clean up is recommended.
- H Sample was analyzed outside recommended holding time.
- HT At clients request, samples was analyzed outside of recommended holding time.
- J The result for this analyte is between the MDL and the PQL and should be considered as estimated concentration.
- K Diesel result is biased high due to amount of Oil contained in the sample.
- L Diesel result is biased high due to amount of Gasoline contained in the sample.
- M Oil result is biased high due to amount of Diesel contained in the sample.
- MC Sample concentration is greater than 4x the spiked value, the spiked value is considered insignificant.
- MI Result is outside control limits due to matrix interference.
- MSA Value determined by Method of Standard Addition.
- O Laboratory Control Standard (LCS) exceeded laboratory control limits, but meets CCV criteria. Data meets EPA requirements.
- Q Detection levels elevated due to sample matrix.
- R RPD control limits were exceeded.
- RF Duplicate failed due to result being at or near the method-reporting limit.
- RP Matrix spike values exceed established QC limits; post digestion spike is in control.
- S Recovery is outside control limits.
- SC Closing CCV or LCS exceeded high recovery control limits, but associated samples are non-detect. Data meets EPA requirements.
- * The result for this parameter was greater than the maximum contaminant level of the TCLP regulatory limit.

CHAIN OF CUSTODY RECORD

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 Address 400 E. Mill Plain Blvd, Suite 400
Vancouver WA 98660
 Phone 360-694-2691 Fax
 Project No. 800631.05 Project Name URIC
 Project Site Location OR WA Other
 Invoice To MFA P.O. No.

Collected By: Kelly R. Titken
 Signature Kelly R. Titken
 Printed Kelly R. Titken
 Signature
 Printed

Turn Around Time
 Normal 5-7 Business Days
 Rush Specify

Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix	No. of Containers	Analyses							For Laboratory Use									
					CIS-1,2-DCE	PCE	trans-1,2-DCE	TCE	Vinyl chloride	1,1-DCA	1,2-DCA	Chloroethane	Lab Job No.	Shipped Via	Air Bill No.	Temperature On Receipt <u> </u> °C	Specialty Analytical Containers? Y/N	Specialty Analytical Trip Blanks? Y/N	Lab I.D.		
9/16/15	14:10	MW03-091615	GW	5	X	X	X	X	X	X	X	X	X	1509155	2A						
↓	15:15	MW21-091615	↓	↓	X	X	X	X	X	X	X	X	X								
↓	16:27	MW05-091615	↓	↓	X	X	X	X	X	X	X	X	X								
↓	16:27	MW05-091615-DUP	↓	↓	X	X	X	X	X	X	X	X	X								
↓	18:15	MW07-091615	↓	↓	X	X	X	X	X	X	X	X	X								
9/17/15	10:05	MW14-091715	↓	↓	X	X	X	X	X	X	X	X	X								
↓	12:02	MW10-091715	↓	↓	X	X	X	X	X	X	X	X	X								
↓	15:21	MW17-091715	↓	↓	X	X	X	X	X	X	X	X	X								
9/17/15		TRIP BLANK	H2O	2																	
Relinquished By: <u>Kelly R. Titken</u>			Date	9/18/15	Received By: <u> </u>			Date	9-18-15	Relinquished By: <u> </u>			Date	9-18-15	Company: <u> </u>			Company:			
Company: <u>MFA</u>			Company: <u> </u>			Company: <u> </u>			Company: <u> </u>			Received For Lab By: <u> </u>			Date			9.18.15	Time	13:57	

Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.
 Samples held beyond 60 days subject to storage fee(s)



Specialty Analytical

11711 SE Capps Road, Ste B
Clackamas, Oregon 97015
TEL: 503-607-1331 FAX: 503-607-1336
Website: www.specialtyanalytical.com

December 28, 2015

Merideth D'Andrea
Maul Foster & Alongi
400 E. Mill Plain Blvd.
Suite 400
Vancouver, WA 98660
TEL: (503) 501-5216
FAX: (360) 906-1958
RE: URIC / 8006.31.05/01

Dear Merideth D'Andrea:

Order No.: 1512289

Specialty Analytical received 15 sample(s) on 12/24/2015 for the analyses presented in the following report.

REVISED REPORT: Please see case narrative for information on revision.

There were no problems with the analysis and all data for associated QC met EPA or laboratory specifications, except where noted in the Case Narrative, or as qualified with flags. Results apply only to the samples analyzed. Without approval of the laboratory, the reproduction of this report is only permitted in its entirety.

If you have any questions regarding these tests, please feel free to call.

Sincerely,

Marty French
Lab Director

Case Narrative

WO#: 1512289

Date: 12/28/2015

CLIENT: Maul Foster & Alongi

Project: URIC / 8006.31.05/01

Revision 1.

Report revised to add MDL.

Specialty Analytical

Date Reported: 28-Dec-15

CLIENT: Maul Foster & Alongi
Project: URIC / 8006.31.05/01

Lab Order: 1512289

Lab ID: 1512289-001
Client Sample ID: MW15-122115

Collection Date: 12/21/2015 11:37:38 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B			Analyst: CK	
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	12/24/2015 6:56:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	12/24/2015 6:56:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	12/24/2015 6:56:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	12/24/2015 6:56:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	12/24/2015 6:56:00 PM
Tetrachloroethene	10.6	0.0672	1.00		µg/L	1	12/24/2015 6:56:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	12/24/2015 6:56:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	12/24/2015 6:56:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	12/24/2015 6:56:00 PM
Surr: 1,2-Dichloroethane-d4	102	85.3-116			%REC	1	12/24/2015 6:56:00 PM
Surr: 4-Bromofluorobenzene	95.1	88.1-120			%REC	1	12/24/2015 6:56:00 PM
Surr: Dibromofluoromethane	102	94.2-122			%REC	1	12/24/2015 6:56:00 PM
Surr: Toluene-d8	96.1	86.2-135			%REC	1	12/24/2015 6:56:00 PM

Lab ID: 1512289-002
Client Sample ID: MW16-122115

Collection Date: 12/21/2015 1:07:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B			Analyst: CK	
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	12/24/2015 7:28:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	12/24/2015 7:28:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	12/24/2015 7:28:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	12/24/2015 7:28:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	12/24/2015 7:28:00 PM
Tetrachloroethene	13.7	0.0672	1.00		µg/L	1	12/24/2015 7:28:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	12/24/2015 7:28:00 PM
Trichloroethene	1.15	0.0870	1.00		µg/L	1	12/24/2015 7:28:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	12/24/2015 7:28:00 PM
Surr: 1,2-Dichloroethane-d4	101	85.3-116			%REC	1	12/24/2015 7:28:00 PM
Surr: 4-Bromofluorobenzene	95.3	88.1-120			%REC	1	12/24/2015 7:28:00 PM
Surr: Dibromofluoromethane	102	94.2-122			%REC	1	12/24/2015 7:28:00 PM
Surr: Toluene-d8	97.4	86.2-135			%REC	1	12/24/2015 7:28:00 PM

Specialty Analytical

Date Reported: 28-Dec-15

CLIENT: Maul Foster & Alongi
Project: URIC / 8006.31.05/01

Lab Order: 1512289

Lab ID: 1512289-003
Client Sample ID: MW03-122115

Collection Date: 12/21/2015 3:41:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	12/25/2015 6:41:00 AM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	12/25/2015 6:41:00 AM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	12/25/2015 6:41:00 AM
Chloroethane	ND	0.203	1.00		µg/L	1	12/25/2015 6:41:00 AM
cis-1,2-Dichloroethene	1.21	0.0660	1.00		µg/L	1	12/25/2015 6:41:00 AM
Tetrachloroethene	4970	13.4	200		µg/L	200	12/24/2015 8:01:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	12/25/2015 6:41:00 AM
Trichloroethene	2.70	0.0870	1.00		µg/L	1	12/25/2015 6:41:00 AM
Vinyl chloride	ND	0.155	1.00		µg/L	1	12/25/2015 6:41:00 AM
Surr: 1,2-Dichloroethane-d4	105	85.3-116			%REC	1	12/25/2015 6:41:00 AM
Surr: 4-Bromofluorobenzene	97.6	88.1-120			%REC	1	12/25/2015 6:41:00 AM
Surr: Dibromofluoromethane	103	94.2-122			%REC	1	12/25/2015 6:41:00 AM
Surr: Toluene-d8	98.5	86.2-135			%REC	1	12/25/2015 6:41:00 AM

Lab ID: 1512289-004
Client Sample ID: MW21-122115

Collection Date: 12/21/2015 3:54:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	12/28/2015 2:45:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	12/28/2015 2:45:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	12/28/2015 2:45:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	12/28/2015 2:45:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	12/28/2015 2:45:00 PM
Tetrachloroethene	88.1	0.0672	1.00		µg/L	1	12/28/2015 2:45:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	12/28/2015 2:45:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	12/28/2015 2:45:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	12/28/2015 2:45:00 PM
Surr: 1,2-Dichloroethane-d4	105	85.3-116			%REC	1	12/28/2015 2:45:00 PM
Surr: 4-Bromofluorobenzene	98.0	88.1-120			%REC	1	12/28/2015 2:45:00 PM
Surr: Dibromofluoromethane	108	94.2-122			%REC	1	12/28/2015 2:45:00 PM
Surr: Toluene-d8	98.2	86.2-135			%REC	1	12/28/2015 2:45:00 PM

Specialty Analytical

Date Reported: 28-Dec-15

CLIENT: Maul Foster & Alongi
Project: URIC / 8006.31.05/01

Lab Order: 1512289

Lab ID: 1512289-005
Client Sample ID: MW06-122215

Collection Date: 12/22/2015 8:15:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	12/24/2015 9:05:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	12/24/2015 9:05:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	12/24/2015 9:05:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	12/24/2015 9:05:00 PM
cis-1,2-Dichloroethene	1.66	0.0660	1.00		µg/L	1	12/24/2015 9:05:00 PM
Tetrachloroethene	2.54	0.0672	1.00		µg/L	1	12/28/2015 1:10:00 PM
trans-1,2-Dichloroethene	0.320	0.0830	1.00	J	µg/L	1	12/24/2015 9:05:00 PM
Trichloroethene	6.36	0.0870	1.00		µg/L	1	12/24/2015 9:05:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	12/24/2015 9:05:00 PM
Surr: 1,2-Dichloroethane-d4	106	85.3-116			%REC	1	12/24/2015 9:05:00 PM
Surr: 4-Bromofluorobenzene	98.2	88.1-120			%REC	1	12/24/2015 9:05:00 PM
Surr: Dibromofluoromethane	103	94.2-122			%REC	1	12/24/2015 9:05:00 PM
Surr: Toluene-d8	100	86.2-135			%REC	1	12/24/2015 9:05:00 PM

Lab ID: 1512289-006
Client Sample ID: MW18-122215

Collection Date: 12/22/2015 8:50:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	12/24/2015 9:37:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	12/24/2015 9:37:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	12/24/2015 9:37:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	12/24/2015 9:37:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	12/24/2015 9:37:00 PM
Tetrachloroethene	0.350	0.0672	1.00	J	µg/L	1	12/28/2015 1:42:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	12/24/2015 9:37:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	12/24/2015 9:37:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	12/24/2015 9:37:00 PM
Surr: 1,2-Dichloroethane-d4	104	85.3-116			%REC	1	12/24/2015 9:37:00 PM
Surr: 4-Bromofluorobenzene	98.1	88.1-120			%REC	1	12/24/2015 9:37:00 PM
Surr: Dibromofluoromethane	103	94.2-122			%REC	1	12/24/2015 9:37:00 PM
Surr: Toluene-d8	101	86.2-135			%REC	1	12/24/2015 9:37:00 PM

Specialty Analytical

Date Reported: 28-Dec-15

CLIENT: Maul Foster & Alongi
Project: URIC / 8006.31.05/01

Lab Order: 1512289

Lab ID: 1512289-007
Client Sample ID: MW14-122215

Collection Date: 12/22/2015 11:41:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	12/24/2015 10:09:00 P
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	12/24/2015 10:09:00 P
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	12/24/2015 10:09:00 P
Chloroethane	ND	0.203	1.00		µg/L	1	12/24/2015 10:09:00 P
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	12/24/2015 10:09:00 P
Tetrachloroethene	1.40	0.0672	1.00		µg/L	1	12/28/2015 2:14:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	12/24/2015 10:09:00 P
Trichloroethene	ND	0.0870	1.00		µg/L	1	12/24/2015 10:09:00 P
Vinyl chloride	ND	0.155	1.00		µg/L	1	12/24/2015 10:09:00 P
Surr: 1,2-Dichloroethane-d4	104	85.3-116			%REC	1	12/24/2015 10:09:00 P
Surr: 4-Bromofluorobenzene	97.7	88.1-120			%REC	1	12/24/2015 10:09:00 P
Surr: Dibromofluoromethane	102	94.2-122			%REC	1	12/24/2015 10:09:00 P
Surr: Toluene-d8	100	86.2-135			%REC	1	12/24/2015 10:09:00 P

Lab ID: 1512289-008
Client Sample ID: MW05-122215

Collection Date: 12/22/2015 12:44:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	12/25/2015 5:05:00 AM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	12/25/2015 5:05:00 AM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	12/25/2015 5:05:00 AM
Chloroethane	ND	0.203	1.00		µg/L	1	12/25/2015 5:05:00 AM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	12/25/2015 5:05:00 AM
Tetrachloroethene	1270	0.672	10.0		µg/L	10	12/25/2015 12:49:00 A
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	12/25/2015 5:05:00 AM
Trichloroethene	2.35	0.0870	1.00		µg/L	1	12/25/2015 5:05:00 AM
Vinyl chloride	ND	0.155	1.00		µg/L	1	12/25/2015 5:05:00 AM
Surr: 1,2-Dichloroethane-d4	108	85.3-116			%REC	1	12/25/2015 5:05:00 AM
Surr: 4-Bromofluorobenzene	98.2	88.1-120			%REC	1	12/25/2015 5:05:00 AM
Surr: Dibromofluoromethane	104	94.2-122			%REC	1	12/25/2015 5:05:00 AM
Surr: Toluene-d8	99.1	86.2-135			%REC	1	12/25/2015 5:05:00 AM

Specialty Analytical

Date Reported: 28-Dec-15

CLIENT: Maul Foster & Alongi
Project: URIC / 8006.31.05/01

Lab Order: 1512289

Lab ID: 1512289-009
Client Sample ID: MW05-122215-DUP

Collection Date: 12/22/2015 12:44:00 PM
Matrix: WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	12/25/2015 5:37:00 AM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	12/25/2015 5:37:00 AM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	12/25/2015 5:37:00 AM
Chloroethane	ND	0.203	1.00		µg/L	1	12/25/2015 5:37:00 AM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	12/25/2015 5:37:00 AM
Tetrachloroethene	1250	0.672	10.0		µg/L	10	12/25/2015 1:21:00 AM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	12/25/2015 5:37:00 AM
Trichloroethene	2.41	0.0870	1.00		µg/L	1	12/25/2015 5:37:00 AM
Vinyl chloride	ND	0.155	1.00		µg/L	1	12/25/2015 5:37:00 AM
Surr: 1,2-Dichloroethane-d4	108	85.3-116			%REC	1	12/25/2015 5:37:00 AM
Surr: 4-Bromofluorobenzene	96.8	88.1-120			%REC	1	12/25/2015 5:37:00 AM
Surr: Dibromofluoromethane	103	94.2-122			%REC	1	12/25/2015 5:37:00 AM
Surr: Toluene-d8	98.9	86.2-135			%REC	1	12/25/2015 5:37:00 AM

Lab ID: 1512289-010
Client Sample ID: MW09-122215

Collection Date: 12/22/2015 1:11:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	12/25/2015 1:53:00 AM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	12/25/2015 1:53:00 AM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	12/25/2015 1:53:00 AM
Chloroethane	ND	0.203	1.00		µg/L	1	12/25/2015 1:53:00 AM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	12/25/2015 1:53:00 AM
Tetrachloroethene	23.6	0.0672	1.00		µg/L	1	12/25/2015 1:53:00 AM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	12/25/2015 1:53:00 AM
Trichloroethene	39.8	0.0870	1.00		µg/L	1	12/25/2015 1:53:00 AM
Vinyl chloride	ND	0.155	1.00		µg/L	1	12/25/2015 1:53:00 AM
Surr: 1,2-Dichloroethane-d4	104	85.3-116			%REC	1	12/25/2015 1:53:00 AM
Surr: 4-Bromofluorobenzene	96.3	88.1-120			%REC	1	12/25/2015 1:53:00 AM
Surr: Dibromofluoromethane	103	94.2-122			%REC	1	12/25/2015 1:53:00 AM
Surr: Toluene-d8	95.5	86.2-135			%REC	1	12/25/2015 1:53:00 AM

Specialty Analytical

Date Reported: 28-Dec-15

CLIENT: Maul Foster & Alongi
Project: URIC / 8006.31.05/01

Lab Order: 1512289

Lab ID: 1512289-011
Client Sample ID: MW07-122215

Collection Date: 12/22/2015 3:10:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	12/25/2015 2:25:00 AM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	12/25/2015 2:25:00 AM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	12/25/2015 2:25:00 AM
Chloroethane	ND	0.203	1.00		µg/L	1	12/25/2015 2:25:00 AM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	12/25/2015 2:25:00 AM
Tetrachloroethene	3.73	0.0672	1.00		µg/L	1	12/25/2015 2:25:00 AM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	12/25/2015 2:25:00 AM
Trichloroethene	ND	0.0870	1.00		µg/L	1	12/25/2015 2:25:00 AM
Vinyl chloride	ND	0.155	1.00		µg/L	1	12/25/2015 2:25:00 AM
Surr: 1,2-Dichloroethane-d4	108	85.3-116			%REC	1	12/25/2015 2:25:00 AM
Surr: 4-Bromofluorobenzene	98.4	88.1-120			%REC	1	12/25/2015 2:25:00 AM
Surr: Dibromofluoromethane	103	94.2-122			%REC	1	12/25/2015 2:25:00 AM
Surr: Toluene-d8	100	86.2-135			%REC	1	12/25/2015 2:25:00 AM

Lab ID: 1512289-012
Client Sample ID: MW10-122215

Collection Date: 12/22/2015 3:15:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	12/25/2015 2:57:00 AM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	12/25/2015 2:57:00 AM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	12/25/2015 2:57:00 AM
Chloroethane	ND	0.203	1.00		µg/L	1	12/25/2015 2:57:00 AM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	12/25/2015 2:57:00 AM
Tetrachloroethene	77.8	0.0672	1.00		µg/L	1	12/25/2015 2:57:00 AM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	12/25/2015 2:57:00 AM
Trichloroethene	12.6	0.0870	1.00		µg/L	1	12/25/2015 2:57:00 AM
Vinyl chloride	ND	0.155	1.00		µg/L	1	12/25/2015 2:57:00 AM
Surr: 1,2-Dichloroethane-d4	105	85.3-116			%REC	1	12/25/2015 2:57:00 AM
Surr: 4-Bromofluorobenzene	97.4	88.1-120			%REC	1	12/25/2015 2:57:00 AM
Surr: Dibromofluoromethane	103	94.2-122			%REC	1	12/25/2015 2:57:00 AM
Surr: Toluene-d8	96.0	86.2-135			%REC	1	12/25/2015 2:57:00 AM

Specialty Analytical

Date Reported: 28-Dec-15

CLIENT: Maul Foster & Alongi
Project: URIC / 8006.31.05/01

Lab Order: 1512289

Lab ID: 1512289-013
Client Sample ID: MW13-122315

Collection Date: 12/23/2015 9:50:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	12/25/2015 6:09:00 AM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	12/25/2015 6:09:00 AM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	12/25/2015 6:09:00 AM
Chloroethane	ND	0.203	1.00		µg/L	1	12/25/2015 6:09:00 AM
cis-1,2-Dichloroethene	0.970	0.0660	1.00	J	µg/L	1	12/25/2015 6:09:00 AM
Tetrachloroethene	341	0.672	10.0		µg/L	10	12/25/2015 3:29:00 AM
trans-1,2-Dichloroethene	0.350	0.0830	1.00	J	µg/L	1	12/25/2015 6:09:00 AM
Trichloroethene	58.4	0.0870	1.00		µg/L	1	12/25/2015 6:09:00 AM
Vinyl chloride	ND	0.155	1.00		µg/L	1	12/25/2015 6:09:00 AM
Surr: 1,2-Dichloroethane-d4	105	85.3-116			%REC	1	12/25/2015 6:09:00 AM
Surr: 4-Bromofluorobenzene	98.1	88.1-120			%REC	1	12/25/2015 6:09:00 AM
Surr: Dibromofluoromethane	104	94.2-122			%REC	1	12/25/2015 6:09:00 AM
Surr: Toluene-d8	101	86.2-135			%REC	1	12/25/2015 6:09:00 AM

Lab ID: 1512289-014
Client Sample ID: MW11-122315

Collection Date: 12/23/2015 9:55:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	12/25/2015 4:01:00 AM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	12/25/2015 4:01:00 AM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	12/25/2015 4:01:00 AM
Chloroethane	ND	0.203	1.00		µg/L	1	12/25/2015 4:01:00 AM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	12/25/2015 4:01:00 AM
Tetrachloroethene	21.9	0.0672	1.00		µg/L	1	12/25/2015 4:01:00 AM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	12/25/2015 4:01:00 AM
Trichloroethene	2.56	0.0870	1.00		µg/L	1	12/25/2015 4:01:00 AM
Vinyl chloride	ND	0.155	1.00		µg/L	1	12/25/2015 4:01:00 AM
Surr: 1,2-Dichloroethane-d4	105	85.3-116			%REC	1	12/25/2015 4:01:00 AM
Surr: 4-Bromofluorobenzene	97.5	88.1-120			%REC	1	12/25/2015 4:01:00 AM
Surr: Dibromofluoromethane	103	94.2-122			%REC	1	12/25/2015 4:01:00 AM
Surr: Toluene-d8	100	86.2-135			%REC	1	12/25/2015 4:01:00 AM

Specialty Analytical

Date Reported: 28-Dec-15

CLIENT: Maul Foster & Alongi
Project: URIC / 8006.31.05/01

Lab Order: 1512289

Lab ID: 1512289-015
Client Sample ID: Trip Blank_12232015

Collection Date: 12/23/2015
Matrix: WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	12/25/2015 4:33:00 AM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	12/25/2015 4:33:00 AM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	12/25/2015 4:33:00 AM
Chloroethane	ND	0.203	1.00		µg/L	1	12/25/2015 4:33:00 AM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	12/25/2015 4:33:00 AM
Tetrachloroethene	0.270	0.0672	1.00	J	µg/L	1	12/25/2015 4:33:00 AM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	12/25/2015 4:33:00 AM
Trichloroethene	ND	0.0870	1.00		µg/L	1	12/25/2015 4:33:00 AM
Vinyl chloride	ND	0.155	1.00		µg/L	1	12/25/2015 4:33:00 AM
Surr: 1,2-Dichloroethane-d4	107	85.3-116			%REC	1	12/25/2015 4:33:00 AM
Surr: 4-Bromofluorobenzene	98.4	88.1-120			%REC	1	12/25/2015 4:33:00 AM
Surr: Dibromofluoromethane	104	94.2-122			%REC	1	12/25/2015 4:33:00 AM
Surr: Toluene-d8	100	86.2-135			%REC	1	12/25/2015 4:33:00 AM

QC SUMMARY REPORT

WO#: 1512289

18-Jan-16

Specialty Analytical

Client: Maul Foster & Alongi

Project: URIC / 8006.31.05/01

TestCode: 8260_W

Sample ID: CCV MSVWS-2043	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 23231						
Client ID: CCV	Batch ID: R23231	TestNo: SW8260B		Analysis Date: 12/24/2015	SeqNo: 313295						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	36.2	1.00	40.00	0	90.5	80	120				
Vinyl chloride	47.3	1.00	40.00	0	118	80	120				

Sample ID: LCS MSVWS-2044	SampType: LCS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 23231						
Client ID: LCSW	Batch ID: R23231	TestNo: SW8260B		Analysis Date: 12/24/2015	SeqNo: 313296						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	34.7	1.00	40.00	0	86.7	61.2	135				
Trichloroethene	30.3	1.00	40.00	0	75.8	68.5	124				

Sample ID: A1512228-003DMS	SampType: MS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 23231						
Client ID: ZZZZZZ	Batch ID: R23231	TestNo: SW8260B		Analysis Date: 12/24/2015	SeqNo: 313297						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	9000	250	10000	0	90.0	47.8	165				
Trichloroethene	8270	250	10000	0	82.7	50.8	164				

Sample ID: A1512228-003DMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 23231						
Client ID: ZZZZZZ	Batch ID: R23231	TestNo: SW8260B		Analysis Date: 12/24/2015	SeqNo: 313298						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	9260	250	10000	0	92.6	47.8	165	9002	2.79	20	
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Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted reco

QC SUMMARY REPORT

WO#: 1512289

18-Jan-16

Specialty Analytical

Client: Maul Foster & Alongi

Project: URIC / 8006.31.05/01

TestCode: 8260_W

Sample ID: A1512228-003DMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 23231						
Client ID: ZZZZZZ	Batch ID: R23231	TestNo: SW8260B		Analysis Date: 12/24/2015	SeqNo: 313298						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	8480	250	10000	0	84.8	50.8	164	8270	2.48	20	

Sample ID: MB	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 23231						
Client ID: PBW	Batch ID: R23231	TestNo: SW8260B		Analysis Date: 12/24/2015	SeqNo: 313299						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Tetrachloroethene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	104		100.0		104	85.3	116				
Surr: 4-Bromofluorobenzene	94.8		100.0		94.8	88.1	120				
Surr: Dibromofluoromethane	103		100.0		103	94.2	122				
Surr: Toluene-d8	98.1		100.0		98.1	86.2	135				

Qualifiers:	B Analyte detected in the associated Method Blank O RSD is greater than RSDlimit	H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits	ND Not Detected at the Reporting Limit S Spike Recovery outside accepted reco	Page 2 of 4
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QC SUMMARY REPORT

WO#: 1512289

18-Jan-16

Specialty Analytical

Client: Maul Foster & Alongi

Project: URIC / 8006.31.05/01

TestCode: 8260_W

Sample ID: CCV MSVWS-2043	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 23231						
Client ID: CCV	Batch ID: R23231	TestNo: SW8260B		Analysis Date: 12/24/2015	SeqNo: 313308						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethane	36.0	1.00	40.00	0	89.9	80	120				
Vinyl chloride	47.7	1.00	40.00	0	119	80	120				

Sample ID: CCB	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 23231						
Client ID: CCB	Batch ID: R23231	TestNo: SW8260B		Analysis Date: 12/25/2015	SeqNo: 313309						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Tetrachloroethene	0.350	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	103		100.0		103	85.3	116				
Surr: 4-Bromofluorobenzene	97.8		100.0		97.8	88.1	120				
Surr: Dibromofluoromethane	104		100.0		104	94.2	122				
Surr: Toluene-d8	101		100.0		101	86.2	135				

Qualifiers:	B Analyte detected in the associated Method Blank	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit	Page 3 of 4
	O RSD is greater than RSDlimit	R RPD outside accepted recovery limits	S Spike Recovery outside accepted reco	

QC SUMMARY REPORT

WO#: 1512289

18-Jan-16

Specialty Analytical

Client: Maul Foster & Alongi

Project: URIC / 8006.31.05/01

TestCode: 8260_W

Sample ID: CCV MSVWS-2043	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 23231						
Client ID: CCV	Batch ID: R23231	TestNo: SW8260B		Analysis Date: 12/28/2015	SeqNo: 313378						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	32.2	1.00	40.00	0	80.5	80	120				
Vinyl chloride	45.2	1.00	40.00	0	113	80	120				

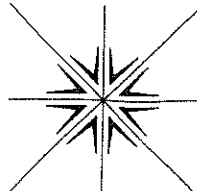
Sample ID: CCB	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 23231						
Client ID: CCB	Batch ID: R23231	TestNo: SW8260B		Analysis Date: 12/28/2015	SeqNo: 313379						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Tetrachloroethene	0.330	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	106		100.0		106	85.3	116				
Surr: 4-Bromofluorobenzene	98.2		100.0		98.2	88.1	120				
Surr: Dibromofluoromethane	108		100.0		108	94.2	122				
Surr: Toluene-d8	98.9		100.0		98.9	86.2	135				

Qualifiers:	B Analyte detected in the associated Method Blank O RSD is greater than RSDlimit	H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits	ND Not Detected at the Reporting Limit S Spike Recovery outside accepted reco	Page 4 of 4
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KEY TO FLAGS

Rev. May 12, 2010

- A This sample contains a Gasoline Range Organic not identified as a specific hydrocarbon product. The result was quantified against gasoline calibration standards
- A1 This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was quantified against diesel calibration standards.
- A2 This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was quantified against a lube oil calibration standard.
- A3 The result was determined to be Non-Detect based on hydrocarbon pattern recognition. The product was carry-over from another hydrocarbon type.
- A4 The product appears to be aged or degraded diesel.
- B The blank exhibited a positive result great than the reporting limit for this compound.
- CN See Case Narrative.
- D Result is based from a dilution.
- E Result exceeds the calibration range for this compound. The result should be considered as estimate.
- F The positive result for this hydrocarbon is due to single component contamination. The product does not match any hydrocarbon in the fuels library.
- G Result may be biased high due to biogenic interferences. Clean up is recommended.
- H Sample was analyzed outside recommended holding time.
- HT At clients request, samples was analyzed outside of recommended holding time.
- J The result for this analyte is between the MDL and the PQL and should be considered as estimated concentration.
- K Diesel result is biased high due to amount of Oil contained in the sample.
- L Diesel result is biased high due to amount of Gasoline contained in the sample.
- M Oil result is biased high due to amount of Diesel contained in the sample.
- MC Sample concentration is greater than 4x the spiked value, the spiked value is considered insignificant.
- MI Result is outside control limits due to matrix interference.
- MSA Value determined by Method of Standard Addition.
- O Laboratory Control Standard (LCS) exceeded laboratory control limits, but meets CCV criteria. Data meets EPA requirements.
- Q Detection levels elevated due to sample matrix.
- R RPD control limits were exceeded.
- RF Duplicate failed due to result being at or near the method-reporting limit.
- RP Matrix spike values exceed established QC limits; post digestion spike is in control.
- S Recovery is outside control limits.
- SC Closing CCV or LCS exceeded high recovery control limits, but associated samples are non-detect. Data meets EPA requirements.
- * The result for this parameter was greater than the maximum contaminant level of the TCLP regulatory limit.



Specialty Analytical
 11711 SE Capps Road
 Clackamas, OR 97015
 Phone: 503-607-1331
 Fax: 503-607-1336

Contact Person/Project Manager: Merideth D'Andrea
 Company: Maul Foster & Alonzi, Inc.
 Address: 400 E. Mill Plain Blvd, Suite 400
Vancouver WA 98660
 Phone: 360-694-2691 Fax: _____
 Project No. 8006.31.05/01 Project Name UREC
 Project Site Location OR WA Other ✓
 Invoice To MFA P.O. No. _____

Collected By: Kelly R. Fikemeier
 Signature: Kelly R. Fikemeier
 Printed: Kelly R. Fikemeier
 Signature: Andy Vidourek
 Printed: Andy Vidourek

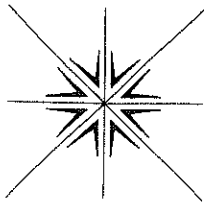
Turn Around Time _____
 Normal 5-7 Business Days
 Rush _____
 Specify _____

Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix	No. of Containers	Analyses	For Laboratory Use	Date	Time
12/15/15	11:37	MW15-122115	GW	5	1,1-DCE cis-1,2-DCE PCE trans-1,2-DCE TCE vinyl chloride 1,1-DCA 1,2-DCA chloroethane	Lab Job No. <u>1512289</u> Shipped Via <u>87</u> Air Bill No. _____ Temperature On Receipt <u>4</u> °C Specialty Analytical Containers? <u>Y/N</u> Specialty Analytical Trip Blanks? <u>Y/N</u>	12/24/15	11:04
↓	13:07	MW16-122115	↓	↓	↓	↓	↓	↓
↓	15:41	MW03-122115	↓	↓	↓	↓	↓	↓
↓	15:54	MW21-122115	↓	↓	↓	↓	↓	↓
12/22/15	08:15	MW06-122215	↓	↓	↓	↓	↓	↓
↓	08:50	MW18-122215	↓	↓	↓	↓	↓	↓
↓	11:41	MW14-122215	↓	↓	↓	↓	↓	↓
↓	12:44	MW05-122215	↓	↓	↓	↓	↓	↓
↓	13:11	MW09-122215	↓	↓	↓	↓	↓	↓
↓	15:10	MW07-122215	↓	↓	↓	↓	↓	↓
↓	15:15	MW10-122215	↓	↓	↓	↓	↓	↓
Relinquished By: <u>Kelly R. Fikemeier</u>						Relinquished By: <u>MSA</u>	Received For Lab By: _____	
Company: <u>MFA</u>						Company: _____	Date: <u>12/24/15</u> Time: <u>11:04</u>	
Date: <u>12/15/15</u> Time: <u>09:18</u>						Company: <u>MSA</u>	Date: <u>12/29/15</u> Time: <u>11:04</u>	

Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.
 Samples held beyond 60 days subject to storage fee(s)

CHAIN OF CUSTODY RECORD



Specialty Analytical
 11711 SE Capps Road
 Clackamas, OR 97015
 Phone: 503-607-1331
 Fax: 503-607-1336

Contact Person/Project Manager Merideth D'Andrea
 Company Maul Foster & Alongi, Inc.
 Address 400 E. Mill Plain Blvd, Suite 400
Vancouver, WA 98660
 Phone 360-694-2691 Fax _____
 Project No. 8006.31.05/01 Project Name URIC
 Project Site Location OR WA Other _____
 Invoice To MFA P.O. No. _____

Collected By: Kelly R. Titkemeier
 Signature: Kelly R. Titkemeier
 Printed: Kelly R. Titkemeier

Signature: _____
 Printed: Andy Vidourek

Turn Around Time _____
 Normal 5-7 Business Days
 Rush _____ Specify _____

Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix	No. of Containers	Analyses							Comments	For Laboratory Use	
					CIS-1,2-DCE	PCE	TRANS-1,2-DCE	TCE	Vinyl Chloride	1,1-DCA	1,2-DCA		Chloroethane	Lab Job No.
12/23/15	09:50	MW13-122315	GW	5	X	X	X	X	X	X	X	X	15122-89	12/24/15
	09:55	MW11-122315	↓	2	X	X	X	X	X	X	X	X	SA	11:04
12/23/15	—	TRIP BLANK	H ₂ O	2	X	X	X	X	X	X	X	X	SA	11:09

Received By: Kelly R. Titkemeier Company: MFA
 Date: 12/23/15 Time: 09:22

Relinquished By: SA Company: SA

Received For Lab By: _____
 Date: 12/29/16 Time: 11:09

Relinquished By: SA Company: SA
 Date: 12/24/15 Time: 11:04

Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.
 Samples held beyond 60 days subject to storage fee(s)



Specialty Analytical

11711 SE Capps Road, Ste B
Clackamas, Oregon 97015
TEL: 503-607-1331 FAX: 503-607-1336
Website: www.specialtyanalytical.com

March 31, 2016

Merideth D'Andrea
Maul Foster & Alongi
400 E. Mill Plain Blvd.
Suite 400
Vancouver, WA 98660
TEL: (503) 501-5216
FAX: (360) 906-1958
RE: Park Laundry / 8006.31.05

Dear Merideth D'Andrea:

Order No.: 1603240

Specialty Analytical received 21 sample(s) on 3/24/2016 for the analyses presented in the following report.

There were no problems with the analysis and all data for associated QC met EPA or laboratory specifications, except where noted in the Case Narrative, or as qualified with flags. Results apply only to the samples analyzed. Without approval of the laboratory, the reproduction of this report is only permitted in its entirety.

If you have any questions regarding these tests, please feel free to call.

Sincerely,

A handwritten signature in black ink, appearing to read 'Marty French', written in a cursive style.

Marty French
Lab Director

Specialty Analytical

Date Reported: 31-Mar-16

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

Lab Order: 1603240

Lab ID: 1603240-001
Client Sample ID: MW21-032116

Collection Date: 3/21/2016 11:05:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	3/29/2016 3:42:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	3/29/2016 3:42:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	3/29/2016 3:42:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	3/29/2016 3:42:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	3/29/2016 3:42:00 PM
Tetrachloroethene	23.4	0.0672	1.00		µg/L	1	3/29/2016 3:42:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	3/29/2016 3:42:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	3/29/2016 3:42:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	3/29/2016 3:42:00 PM
Surr: 1,2-Dichloroethane-d4	112	85.3-116			%REC	1	3/29/2016 3:42:00 PM
Surr: 4-Bromofluorobenzene	98.1	88.1-120			%REC	1	3/29/2016 3:42:00 PM
Surr: Dibromofluoromethane	103	94.2-122			%REC	1	3/29/2016 3:42:00 PM
Surr: Toluene-d8	99.9	86.2-135			%REC	1	3/29/2016 3:42:00 PM

Lab ID: 1603240-002
Client Sample ID: MW01-032116

Collection Date: 3/21/2016 11:28:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	3/29/2016 4:14:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	3/29/2016 4:14:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	3/29/2016 4:14:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	3/29/2016 4:14:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	3/29/2016 4:14:00 PM
Tetrachloroethene	32.1	0.0672	1.00		µg/L	1	3/29/2016 4:14:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	3/29/2016 4:14:00 PM
Trichloroethene	0.370	0.0870	1.00	J	µg/L	1	3/29/2016 4:14:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	3/29/2016 4:14:00 PM
Surr: 1,2-Dichloroethane-d4	114	85.3-116			%REC	1	3/29/2016 4:14:00 PM
Surr: 4-Bromofluorobenzene	98.9	88.1-120			%REC	1	3/29/2016 4:14:00 PM
Surr: Dibromofluoromethane	104	94.2-122			%REC	1	3/29/2016 4:14:00 PM
Surr: Toluene-d8	99.6	86.2-135			%REC	1	3/29/2016 4:14:00 PM

Specialty Analytical

Date Reported: 31-Mar-16

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

Lab Order: 1603240

Lab ID: 1603240-003
Client Sample ID: MW02-032116

Collection Date: 3/21/2016 12:58:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	3/29/2016 4:46:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	3/29/2016 4:46:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	3/29/2016 4:46:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	3/29/2016 4:46:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	3/29/2016 4:46:00 PM
Tetrachloroethene	0.260	0.0672	1.00	J	µg/L	1	3/29/2016 4:46:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	3/29/2016 4:46:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	3/29/2016 4:46:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	3/29/2016 4:46:00 PM
Surr: 1,2-Dichloroethane-d4	115	85.3-116			%REC	1	3/29/2016 4:46:00 PM
Surr: 4-Bromofluorobenzene	98.9	88.1-120			%REC	1	3/29/2016 4:46:00 PM
Surr: Dibromofluoromethane	105	94.2-122			%REC	1	3/29/2016 4:46:00 PM
Surr: Toluene-d8	98.7	86.2-135			%REC	1	3/29/2016 4:46:00 PM

Lab ID: 1603240-004
Client Sample ID: MW03-032116

Collection Date: 3/21/2016 2:30:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	3/30/2016 4:27:00 AM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	3/30/2016 4:27:00 AM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	3/30/2016 4:27:00 AM
Chloroethane	ND	0.203	1.00		µg/L	1	3/30/2016 4:27:00 AM
cis-1,2-Dichloroethene	0.850	0.0660	1.00	J	µg/L	1	3/30/2016 4:27:00 AM
Tetrachloroethene	4900	13.4	200		µg/L	200	3/29/2016 1:35:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	3/30/2016 4:27:00 AM
Trichloroethene	1.73	0.0870	1.00		µg/L	1	3/30/2016 4:27:00 AM
Vinyl chloride	ND	0.155	1.00		µg/L	1	3/30/2016 4:27:00 AM
Surr: 1,2-Dichloroethane-d4	94.4	85.3-116			%REC	1	3/30/2016 4:27:00 AM
Surr: 4-Bromofluorobenzene	99.9	88.1-120			%REC	1	3/30/2016 4:27:00 AM
Surr: Dibromofluoromethane	97.3	94.2-122			%REC	1	3/30/2016 4:27:00 AM
Surr: Toluene-d8	97.0	86.2-135			%REC	1	3/30/2016 4:27:00 AM

Specialty Analytical

Date Reported: 31-Mar-16

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

Lab Order: 1603240

Lab ID: 1603240-005
Client Sample ID: MW14-032116

Collection Date: 3/21/2016 2:45:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	3/29/2016 5:17:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	3/29/2016 5:17:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	3/29/2016 5:17:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	3/29/2016 5:17:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	3/29/2016 5:17:00 PM
Tetrachloroethene	0.470	0.0672	1.00	J	µg/L	1	3/29/2016 5:17:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	3/29/2016 5:17:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	3/29/2016 5:17:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	3/29/2016 5:17:00 PM
Surr: 1,2-Dichloroethane-d4	115	85.3-116			%REC	1	3/29/2016 5:17:00 PM
Surr: 4-Bromofluorobenzene	99.7	88.1-120			%REC	1	3/29/2016 5:17:00 PM
Surr: Dibromofluoromethane	104	94.2-122			%REC	1	3/29/2016 5:17:00 PM
Surr: Toluene-d8	98.8	86.2-135			%REC	1	3/29/2016 5:17:00 PM

Lab ID: 1603240-006
Client Sample ID: MW05-032116-DUP

Collection Date: 3/21/2016 4:31:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	3/30/2016 2:51:00 AM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	3/30/2016 2:51:00 AM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	3/30/2016 2:51:00 AM
Chloroethane	ND	0.203	1.00		µg/L	1	3/30/2016 2:51:00 AM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	3/30/2016 2:51:00 AM
Tetrachloroethene	1040	0.672	10.0		µg/L	10	3/29/2016 2:06:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	3/30/2016 2:51:00 AM
Trichloroethene	3.69	0.0870	1.00		µg/L	1	3/30/2016 2:51:00 AM
Vinyl chloride	ND	0.155	1.00		µg/L	1	3/30/2016 2:51:00 AM
Surr: 1,2-Dichloroethane-d4	94.4	85.3-116			%REC	1	3/30/2016 2:51:00 AM
Surr: 4-Bromofluorobenzene	99.0	88.1-120			%REC	1	3/30/2016 2:51:00 AM
Surr: Dibromofluoromethane	96.6	94.2-122			%REC	1	3/30/2016 2:51:00 AM
Surr: Toluene-d8	97.9	86.2-135			%REC	1	3/30/2016 2:51:00 AM

Specialty Analytical

Date Reported: 31-Mar-16

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

Lab Order: 1603240

Lab ID: 1603240-007
Client Sample ID: MW09-032116

Collection Date: 3/21/2016 5:35:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B			Analyst: CK	
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	3/29/2016 5:49:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	3/29/2016 5:49:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	3/29/2016 5:49:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	3/29/2016 5:49:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	3/29/2016 5:49:00 PM
Tetrachloroethene	25.4	0.0672	1.00		µg/L	1	3/29/2016 5:49:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	3/29/2016 5:49:00 PM
Trichloroethene	69.0	0.0870	1.00		µg/L	1	3/29/2016 5:49:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	3/29/2016 5:49:00 PM
Surr: 1,2-Dichloroethane-d4	115	85.3-116			%REC	1	3/29/2016 5:49:00 PM
Surr: 4-Bromofluorobenzene	97.4	88.1-120			%REC	1	3/29/2016 5:49:00 PM
Surr: Dibromofluoromethane	106	94.2-122			%REC	1	3/29/2016 5:49:00 PM
Surr: Toluene-d8	87.1	86.2-135			%REC	1	3/29/2016 5:49:00 PM

Lab ID: 1603240-008
Client Sample ID: MW06-032216

Collection Date: 3/22/2016 7:40:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B			Analyst: CK	
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	3/29/2016 6:21:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	3/29/2016 6:21:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	3/29/2016 6:21:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	3/29/2016 6:21:00 PM
cis-1,2-Dichloroethene	2.04	0.0660	1.00		µg/L	1	3/29/2016 6:21:00 PM
Tetrachloroethene	1.95	0.0672	1.00		µg/L	1	3/29/2016 6:21:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	3/29/2016 6:21:00 PM
Trichloroethene	6.65	0.0870	1.00		µg/L	1	3/29/2016 6:21:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	3/29/2016 6:21:00 PM
Surr: 1,2-Dichloroethane-d4	101	85.3-116			%REC	1	3/29/2016 6:21:00 PM
Surr: 4-Bromofluorobenzene	100	88.1-120			%REC	1	3/29/2016 6:21:00 PM
Surr: Dibromofluoromethane	106	94.2-122			%REC	1	3/29/2016 6:21:00 PM
Surr: Toluene-d8	98.6	86.2-135			%REC	1	3/29/2016 6:21:00 PM

Specialty Analytical

Date Reported: 31-Mar-16

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

Lab Order: 1603240

Lab ID: 1603240-009
Client Sample ID: MW18-032216

Collection Date: 3/22/2016 8:05:00 AM
Matrix: WATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	3/29/2016 6:52:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	3/29/2016 6:52:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	3/29/2016 6:52:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	3/29/2016 6:52:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	3/29/2016 6:52:00 PM
Tetrachloroethene	ND	0.0672	1.00		µg/L	1	3/29/2016 6:52:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	3/29/2016 6:52:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	3/29/2016 6:52:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	3/29/2016 6:52:00 PM
Surr: 1,2-Dichloroethane-d4	100	85.3-116			%REC	1	3/29/2016 6:52:00 PM
Surr: 4-Bromofluorobenzene	99.0	88.1-120			%REC	1	3/29/2016 6:52:00 PM
Surr: Dibromofluoromethane	105	94.2-122			%REC	1	3/29/2016 6:52:00 PM
Surr: Toluene-d8	99.4	86.2-135			%REC	1	3/29/2016 6:52:00 PM

Lab ID: 1603240-010
Client Sample ID: MW20-032216

Collection Date: 3/22/2016 8:45:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	3/29/2016 7:24:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	3/29/2016 7:24:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	3/29/2016 7:24:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	3/29/2016 7:24:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	3/29/2016 7:24:00 PM
Tetrachloroethene	ND	0.0672	1.00		µg/L	1	3/29/2016 7:24:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	3/29/2016 7:24:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	3/29/2016 7:24:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	3/29/2016 7:24:00 PM
Surr: 1,2-Dichloroethane-d4	102	85.3-116			%REC	1	3/29/2016 7:24:00 PM
Surr: 4-Bromofluorobenzene	99.6	88.1-120			%REC	1	3/29/2016 7:24:00 PM
Surr: Dibromofluoromethane	105	94.2-122			%REC	1	3/29/2016 7:24:00 PM
Surr: Toluene-d8	99.1	86.2-135			%REC	1	3/29/2016 7:24:00 PM

Specialty Analytical

Date Reported: 31-Mar-16

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

Lab Order: 1603240

Lab ID: 1603240-011
Client Sample ID: MW15-032216

Collection Date: 3/22/2016 10:21:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	3/29/2016 7:56:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	3/29/2016 7:56:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	3/29/2016 7:56:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	3/29/2016 7:56:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	3/29/2016 7:56:00 PM
Tetrachloroethene	10.6	0.0672	1.00		µg/L	1	3/29/2016 7:56:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	3/29/2016 7:56:00 PM
Trichloroethene	0.830	0.0870	1.00	J	µg/L	1	3/29/2016 7:56:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	3/29/2016 7:56:00 PM
Surr: 1,2-Dichloroethane-d4	101	85.3-116			%REC	1	3/29/2016 7:56:00 PM
Surr: 4-Bromofluorobenzene	99.2	88.1-120			%REC	1	3/29/2016 7:56:00 PM
Surr: Dibromofluoromethane	105	94.2-122			%REC	1	3/29/2016 7:56:00 PM
Surr: Toluene-d8	99.4	86.2-135			%REC	1	3/29/2016 7:56:00 PM

Lab ID: 1603240-012
Client Sample ID: MW11-032216

Collection Date: 3/22/2016 11:07:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	3/29/2016 8:28:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	3/29/2016 8:28:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	3/29/2016 8:28:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	3/29/2016 8:28:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	3/29/2016 8:28:00 PM
Tetrachloroethene	27.5	0.0672	1.00		µg/L	1	3/29/2016 8:28:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	3/29/2016 8:28:00 PM
Trichloroethene	8.32	0.0870	1.00		µg/L	1	3/29/2016 8:28:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	3/29/2016 8:28:00 PM
Surr: 1,2-Dichloroethane-d4	101	85.3-116			%REC	1	3/29/2016 8:28:00 PM
Surr: 4-Bromofluorobenzene	99.4	88.1-120			%REC	1	3/29/2016 8:28:00 PM
Surr: Dibromofluoromethane	105	94.2-122			%REC	1	3/29/2016 8:28:00 PM
Surr: Toluene-d8	100	86.2-135			%REC	1	3/29/2016 8:28:00 PM

Specialty Analytical

Date Reported: 31-Mar-16

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

Lab Order: 1603240

Lab ID: 1603240-013
Client Sample ID: MW16-032216

Collection Date: 3/22/2016 12:27:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B			Analyst: CK	
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	3/29/2016 9:00:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	3/29/2016 9:00:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	3/29/2016 9:00:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	3/29/2016 9:00:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	3/29/2016 9:00:00 PM
Tetrachloroethene	12.0	0.0672	1.00		µg/L	1	3/29/2016 9:00:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	3/29/2016 9:00:00 PM
Trichloroethene	1.36	0.0870	1.00		µg/L	1	3/29/2016 9:00:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	3/29/2016 9:00:00 PM
Surr: 1,2-Dichloroethane-d4	103	85.3-116			%REC	1	3/29/2016 9:00:00 PM
Surr: 4-Bromofluorobenzene	99.6	88.1-120			%REC	1	3/29/2016 9:00:00 PM
Surr: Dibromofluoromethane	106	94.2-122			%REC	1	3/29/2016 9:00:00 PM
Surr: Toluene-d8	99.2	86.2-135			%REC	1	3/29/2016 9:00:00 PM

Lab ID: 1603240-014
Client Sample ID: MW13-032216

Collection Date: 3/22/2016 1:26:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B			Analyst: CK	
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	3/30/2016 3:55:00 AM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	3/30/2016 3:55:00 AM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	3/30/2016 3:55:00 AM
Chloroethane	ND	0.203	1.00		µg/L	1	3/30/2016 3:55:00 AM
cis-1,2-Dichloroethene	1.64	0.0660	1.00		µg/L	1	3/30/2016 3:55:00 AM
Tetrachloroethene	422	0.672	10.0		µg/L	10	3/29/2016 3:10:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	3/30/2016 3:55:00 AM
Trichloroethene	66.2	0.0870	1.00		µg/L	1	3/30/2016 3:55:00 AM
Vinyl chloride	ND	0.155	1.00		µg/L	1	3/30/2016 3:55:00 AM
Surr: 1,2-Dichloroethane-d4	94.2	85.3-116			%REC	1	3/30/2016 3:55:00 AM
Surr: 4-Bromofluorobenzene	100	88.1-120			%REC	1	3/30/2016 3:55:00 AM
Surr: Dibromofluoromethane	97.1	94.2-122			%REC	1	3/30/2016 3:55:00 AM
Surr: Toluene-d8	99.2	86.2-135			%REC	1	3/30/2016 3:55:00 AM

Specialty Analytical

Date Reported: 31-Mar-16

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

Lab Order: 1603240

Lab ID: 1603240-015
Client Sample ID: MW19-032216

Collection Date: 3/22/2016 2:54:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	3/29/2016 9:32:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	3/29/2016 9:32:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	3/29/2016 9:32:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	3/29/2016 9:32:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	3/29/2016 9:32:00 PM
Tetrachloroethene	ND	0.0672	1.00		µg/L	1	3/29/2016 9:32:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	3/29/2016 9:32:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	3/29/2016 9:32:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	3/29/2016 9:32:00 PM
Surr: 1,2-Dichloroethane-d4	102	85.3-116			%REC	1	3/29/2016 9:32:00 PM
Surr: 4-Bromofluorobenzene	100	88.1-120			%REC	1	3/29/2016 9:32:00 PM
Surr: Dibromofluoromethane	106	94.2-122			%REC	1	3/29/2016 9:32:00 PM
Surr: Toluene-d8	97.9	86.2-135			%REC	1	3/29/2016 9:32:00 PM

Lab ID: 1603240-016
Client Sample ID: MW07-032216

Collection Date: 3/22/2016 4:15:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	3/29/2016 10:03:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	3/29/2016 10:03:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	3/29/2016 10:03:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	3/29/2016 10:03:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	3/29/2016 10:03:00 PM
Tetrachloroethene	0.610	0.0672	1.00	J	µg/L	1	3/29/2016 10:03:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	3/29/2016 10:03:00 PM
Trichloroethene	ND	0.0870	1.00		µg/L	1	3/29/2016 10:03:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	3/29/2016 10:03:00 PM
Surr: 1,2-Dichloroethane-d4	103	85.3-116			%REC	1	3/29/2016 10:03:00 PM
Surr: 4-Bromofluorobenzene	100	88.1-120			%REC	1	3/29/2016 10:03:00 PM
Surr: Dibromofluoromethane	106	94.2-122			%REC	1	3/29/2016 10:03:00 PM
Surr: Toluene-d8	99.7	86.2-135			%REC	1	3/29/2016 10:03:00 PM

Specialty Analytical

Date Reported: 31-Mar-16

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

Lab Order: 1603240

Lab ID: 1603240-017
Client Sample ID: MW10-032216

Collection Date: 3/22/2016 5:00:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	3/30/2016 1:15:00 AM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	3/30/2016 1:15:00 AM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	3/30/2016 1:15:00 AM
Chloroethane	ND	0.203	1.00		µg/L	1	3/30/2016 1:15:00 AM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	3/30/2016 1:15:00 AM
Tetrachloroethene	59.6	0.0672	1.00		µg/L	1	3/30/2016 1:15:00 AM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	3/30/2016 1:15:00 AM
Trichloroethene	24.1	0.0870	1.00		µg/L	1	3/30/2016 1:15:00 AM
Vinyl chloride	ND	0.155	1.00		µg/L	1	3/30/2016 1:15:00 AM
Surr: 1,2-Dichloroethane-d4	91.7	85.3-116			%REC	1	3/30/2016 1:15:00 AM
Surr: 4-Bromofluorobenzene	98.3	88.1-120			%REC	1	3/30/2016 1:15:00 AM
Surr: Dibromofluoromethane	95.6	94.2-122			%REC	1	3/30/2016 1:15:00 AM
Surr: Toluene-d8	98.1	86.2-135			%REC	1	3/30/2016 1:15:00 AM

Lab ID: 1603240-018
Client Sample ID: MW17-032216

Collection Date: 3/22/2016 5:25:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	3/30/2016 1:47:00 AM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	3/30/2016 1:47:00 AM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	3/30/2016 1:47:00 AM
Chloroethane	ND	0.203	1.00		µg/L	1	3/30/2016 1:47:00 AM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	3/30/2016 1:47:00 AM
Tetrachloroethene	ND	0.0672	1.00		µg/L	1	3/30/2016 1:47:00 AM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	3/30/2016 1:47:00 AM
Trichloroethene	ND	0.0870	1.00		µg/L	1	3/30/2016 1:47:00 AM
Vinyl chloride	ND	0.155	1.00		µg/L	1	3/30/2016 1:47:00 AM
Surr: 1,2-Dichloroethane-d4	96.3	85.3-116			%REC	1	3/30/2016 1:47:00 AM
Surr: 4-Bromofluorobenzene	103	88.1-120			%REC	1	3/30/2016 1:47:00 AM
Surr: Dibromofluoromethane	99.6	94.2-122			%REC	1	3/30/2016 1:47:00 AM
Surr: Toluene-d8	87.9	86.2-135			%REC	1	3/30/2016 1:47:00 AM

Specialty Analytical

Date Reported: 31-Mar-16

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

Lab Order: 1603240

Lab ID: 1603240-019 Collection Date: 3/23/2016 10:06:00 AM
Client Sample ID: MW08-032316 Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B			Analyst: CK	
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	3/30/2016 2:19:00 AM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	3/30/2016 2:19:00 AM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	3/30/2016 2:19:00 AM
Chloroethane	ND	0.203	1.00		µg/L	1	3/30/2016 2:19:00 AM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	3/30/2016 2:19:00 AM
Tetrachloroethene	ND	0.0672	1.00		µg/L	1	3/30/2016 2:19:00 AM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	3/30/2016 2:19:00 AM
Trichloroethene	ND	0.0870	1.00		µg/L	1	3/30/2016 2:19:00 AM
Vinyl chloride	ND	0.155	1.00		µg/L	1	3/30/2016 2:19:00 AM
Surr: 1,2-Dichloroethane-d4	94.6	85.3-116			%REC	1	3/30/2016 2:19:00 AM
Surr: 4-Bromofluorobenzene	98.8	88.1-120			%REC	1	3/30/2016 2:19:00 AM
Surr: Dibromofluoromethane	96.9	94.2-122			%REC	1	3/30/2016 2:19:00 AM
Surr: Toluene-d8	97.1	86.2-135			%REC	1	3/30/2016 2:19:00 AM

Lab ID: 1603240-020 Collection Date: 3/23/2016 12:53:00 PM
Client Sample ID: MW04-032316 Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B			Analyst: CK	
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	3/30/2016 2:16:00 PM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	3/30/2016 2:16:00 PM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	3/30/2016 2:16:00 PM
Chloroethane	ND	0.203	1.00		µg/L	1	3/30/2016 2:16:00 PM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	3/30/2016 2:16:00 PM
Tetrachloroethene	35.4	0.0672	1.00		µg/L	1	3/30/2016 2:16:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	3/30/2016 2:16:00 PM
Trichloroethene	3.10	0.0870	1.00		µg/L	1	3/30/2016 2:16:00 PM
Vinyl chloride	ND	0.155	1.00		µg/L	1	3/30/2016 2:16:00 PM
Surr: 1,2-Dichloroethane-d4	96.1	85.3-116			%REC	1	3/30/2016 2:16:00 PM
Surr: 4-Bromofluorobenzene	102	88.1-120			%REC	1	3/30/2016 2:16:00 PM
Surr: Dibromofluoromethane	97.4	94.2-122			%REC	1	3/30/2016 2:16:00 PM
Surr: Toluene-d8	100	86.2-135			%REC	1	3/30/2016 2:16:00 PM

Specialty Analytical

Date Reported: 31-Mar-16

CLIENT: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

Lab Order: 1603240

Lab ID: 1603240-021
Client Sample ID: MW05-032116

Collection Date: 3/21/2016 4:31:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	PQL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS			SW8260B			Analyst: CK	
1,1-Dichloroethane	ND	0.0851	1.00		µg/L	1	3/30/2016 3:23:00 AM
1,1-Dichloroethene	ND	0.0964	1.00		µg/L	1	3/30/2016 3:23:00 AM
1,2-Dichloroethane	ND	0.0870	1.00		µg/L	1	3/30/2016 3:23:00 AM
Chloroethane	ND	0.203	1.00		µg/L	1	3/30/2016 3:23:00 AM
cis-1,2-Dichloroethene	ND	0.0660	1.00		µg/L	1	3/30/2016 3:23:00 AM
Tetrachloroethene	1090	0.672	10.0		µg/L	10	3/29/2016 2:38:00 PM
trans-1,2-Dichloroethene	ND	0.0830	1.00		µg/L	1	3/30/2016 3:23:00 AM
Trichloroethene	3.97	0.0870	1.00		µg/L	1	3/30/2016 3:23:00 AM
Vinyl chloride	ND	0.155	1.00		µg/L	1	3/30/2016 3:23:00 AM
Surr: 1,2-Dichloroethane-d4	93.7		85.3-116		%REC	1	3/30/2016 3:23:00 AM
Surr: 4-Bromofluorobenzene	99.3		88.1-120		%REC	1	3/30/2016 3:23:00 AM
Surr: Dibromofluoromethane	97.0		94.2-122		%REC	1	3/30/2016 3:23:00 AM
Surr: Toluene-d8	97.9		86.2-135		%REC	1	3/30/2016 3:23:00 AM

QC SUMMARY REPORT

WO#: 1603240

31-Mar-16

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

TestCode: 8260_W

Sample ID: CCV MSVWS-2050	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 24472						
Client ID: CCV	Batch ID: R24472	TestNo: SW8260B		Analysis Date: 3/29/2016	SeqNo: 330251						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	41.0	1.00	40.00	0	103	80	120
Vinyl chloride	47.6	1.00	40.00	0	119	80	120

Sample ID: LCS MSVWS-2051	SampType: LCS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 24472						
Client ID: LCSW	Batch ID: R24472	TestNo: SW8260B		Analysis Date: 3/29/2016	SeqNo: 330252						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	34.8	1.00	40.00	0	86.9	61.2	135
Trichloroethene	35.9	1.00	40.00	0	89.7	68.5	124

Sample ID: 1603240-004AMS	SampType: MS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 24472						
Client ID: MW03-032116	Batch ID: R24472	TestNo: SW8260B		Analysis Date: 3/29/2016	SeqNo: 330253						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	8200	200	8000	0	102	47.8	165
Trichloroethene	7990	200	8000	0	99.9	50.8	164

Sample ID: 1603240-004AMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 24472						
Client ID: MW03-032116	Batch ID: R24472	TestNo: SW8260B		Analysis Date: 3/29/2016	SeqNo: 330254						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	8440	200	8000	0	105	47.8	165	8196	2.91	20
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Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted reco

QC SUMMARY REPORT

WO#: 1603240

31-Mar-16

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

TestCode: 8260_W

Sample ID: 1603240-004AMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 24472						
Client ID: MW03-032116	Batch ID: R24472	TestNo: SW8260B		Analysis Date: 3/29/2016	SeqNo: 330254						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	8310	200	8000	0	104	50.8	164	7992	3.93	20	

Sample ID: MB	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 24472						
Client ID: PBW	Batch ID: R24472	TestNo: SW8260B		Analysis Date: 3/29/2016	SeqNo: 330255						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Tetrachloroethene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	104		100.0		104	85.3	116				
Surr: 4-Bromofluorobenzene	97.5		100.0		97.5	88.1	120				
Surr: Dibromofluoromethane	99.5		100.0		99.5	94.2	122				
Surr: Toluene-d8	97.8		100.0		97.8	86.2	135				

Qualifiers:	B Analyte detected in the associated Method Blank O RSD is greater than RSDlimit	H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits	ND Not Detected at the Reporting Limit S Spike Recovery outside accepted reco	Page 2 of 5
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QC SUMMARY REPORT

WO#: 1603240

31-Mar-16

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

TestCode: 8260_W

Sample ID: CCV MSVWS-2050	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 24472						
Client ID: CCV	Batch ID: R24472	TestNo: SW8260B		Analysis Date: 3/29/2016	SeqNo: 330301						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	37.6	1.00	40.00	0	94.0	80	120
Vinyl chloride	46.1	1.00	40.00	0	115	80	120

Sample ID: CCB	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 24472						
Client ID: CCB	Batch ID: R24472	TestNo: SW8260B		Analysis Date: 3/30/2016	SeqNo: 330302						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Tetrachloroethene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	91.2		100.0		91.2	85.3	116				
Surr: 4-Bromofluorobenzene	100		100.0		100	88.1	120				
Surr: Dibromofluoromethane	94.9		100.0		94.9	94.2	122				
Surr: Toluene-d8	99.3		100.0		99.3	86.2	135				

Qualifiers:	B Analyte detected in the associated Method Blank	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	O RSD is greater than RSDlimit	R RPD outside accepted recovery limits	S Spike Recovery outside accepted reco

QC SUMMARY REPORT

WO#: 1603240

31-Mar-16

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

TestCode: 8260_W

Sample ID: LCS MSVWS-2051	SampType: LCS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 24482						
Client ID: LCSW	Batch ID: R24482	TestNo: SW8260B		Analysis Date: 3/30/2016	SeqNo: 330401						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	34.4	1.00	40.00	0	86.0	61.2	135
Trichloroethene	37.0	1.00	40.00	0	92.6	68.5	124

Sample ID: 1603240-020AMS	SampType: MS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 24482						
Client ID: MW04-032316	Batch ID: R24482	TestNo: SW8260B		Analysis Date: 3/30/2016	SeqNo: 330402						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	34.5	1.00	40.00	0	86.2	47.8	165
Trichloroethene	45.1	1.00	40.00	3.100	105	50.8	164

Sample ID: 1603240-020AMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 24482						
Client ID: MW04-032316	Batch ID: R24482	TestNo: SW8260B		Analysis Date: 3/30/2016	SeqNo: 330403						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	32.2	1.00	40.00	0	80.4	47.8	165	34.50	6.99	20
Trichloroethene	44.0	1.00	40.00	3.100	102	50.8	164	45.11	2.45	20

Sample ID: MB	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 24482						
Client ID: PBW	Batch ID: R24482	TestNo: SW8260B		Analysis Date: 3/30/2016	SeqNo: 330404						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethane	ND	1.00
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Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit Page 4 of 5
O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted reco

QC SUMMARY REPORT

WO#: 1603240

31-Mar-16

Specialty Analytical

Client: Maul Foster & Alongi
Project: Park Laundry / 8006.31.05

TestCode: 8260_W

Sample ID: MB	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 24482						
Client ID: PBW	Batch ID: R24482	TestNo: SW8260B		Analysis Date: 3/30/2016	SeqNo: 330404						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Tetrachloroethene	0.250	1.00									J
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	95.0		100.0		95.0	85.3	116				
Surr: 4-Bromofluorobenzene	102		100.0		102	88.1	120				
Surr: Dibromofluoromethane	96.8		100.0		96.8	94.2	122				
Surr: Toluene-d8	99.0		100.0		99.0	86.2	135				

Sample ID: CCV MSVWS-2050	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 24482						
Client ID: CCV	Batch ID: R24482	TestNo: SW8260B		Analysis Date: 3/30/2016	SeqNo: 330406						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	35.6	1.00	40.00	0	89.1	80	120				
Vinyl chloride	43.8	1.00	40.00	0	109	80	120				

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted reco

KEY TO FLAGS

Rev. May 12, 2010

- A This sample contains a Gasoline Range Organic not identified as a specific hydrocarbon product. The result was quantified against gasoline calibration standards
- A1 This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was quantified against diesel calibration standards.
- A2 This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was quantified against a lube oil calibration standard.
- A3 The result was determined to be Non-Detect based on hydrocarbon pattern recognition. The product was carry-over from another hydrocarbon type.
- A4 The product appears to be aged or degraded diesel.
- B The blank exhibited a positive result great than the reporting limit for this compound.
- CN See Case Narrative.
- D Result is based from a dilution.
- E Result exceeds the calibration range for this compound. The result should be considered as estimate.
- F The positive result for this hydrocarbon is due to single component contamination. The product does not match any hydrocarbon in the fuels library.
- G Result may be biased high due to biogenic interferences. Clean up is recommended.
- H Sample was analyzed outside recommended holding time.
- HT At clients request, samples was analyzed outside of recommended holding time.
- J The result for this analyte is between the MDL and the PQL and should be considered as estimated concentration.
- K Diesel result is biased high due to amount of Oil contained in the sample.
- L Diesel result is biased high due to amount of Gasoline contained in the sample.
- M Oil result is biased high due to amount of Diesel contained in the sample.
- MC Sample concentration is greater than 4x the spiked value, the spiked value is considered insignificant.
- MI Result is outside control limits due to matrix interference.
- MSA Value determined by Method of Standard Addition.
- O Laboratory Control Standard (LCS) exceeded laboratory control limits, but meets CCV criteria. Data meets EPA requirements.
- Q Detection levels elevated due to sample matrix.
- R RPD control limits were exceeded.
- RF Duplicate failed due to result being at or near the method-reporting limit.
- RP Matrix spike values exceed established QC limits; post digestion spike is in control.
- S Recovery is outside control limits.
- SC Closing CCV or LCS exceeded high recovery control limits, but associated samples are non-detect. Data meets EPA requirements.
- * The result for this parameter was greater than the maximum contaminant level of the TCLP regulatory limit.

CHAIN OF CUSTODY RECORD

Specialty Analytical

11711 SE Capps Road
 Clackamas, OR 97015
 Phone: 503-607-1331
 Fax: 503-607-1336

Contact Person/Project Manager Melinda Anderson
 Company MFA
 Address 400 E Mill Plain Blvd Suite 400
Vancouver WA 98660
 Phone 360 654 2691 Fax _____
 Project No. 30063105 Project Name Park Laundry
 Project Site Location OR WA X Other _____
 Invoice To MFA P.O. No. _____

Collected By: _____
 Signature: Andrew Vidourek
 Printed: Andrew Vidourek
 Signature: Kelly Titterton
 Printed: Kelly Titterton

Turn Around Time _____
 Normal 5-7 Business Days
 Rush _____
 Specify _____

Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix	No. of Containers	Analyses	Relinquished By:	Date	Time
3/21/14	1105	MW03-032114	GUO	5	1,1-DCE cis-1,2-DCE PCE TRANS-1,2-DCE TCE Vinyl Chloride 1,1-DCA 1,2-DCA Chloroethane	SA	3/24/14	1545
	1128	MW01-032114						
	1258	MW02-032114						
	1430	MW03-032114						
	1445	MW14-032114						
	1631	MW05-032114						
	1631	MW05-032114-DUP						
	1735	MW07-032114						
3/22/14	0740	MW04-032214						
	0805	MW18-032214						
	0845	MW20-032214						
	1021	MW15-032214						
Relinquished By:		<u>Kelly Titterton</u>				SA		
Company:		<u>MFA</u>						
Relinquished By:		<u>SA</u>						
Company:								
Received For Lab By:		<u>[Signature]</u>						
Date:		<u>3/29/14</u>						
Time:		<u>1545</u>						

Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.
 Samples held beyond 60 days subject to storage fee(s)



Specialty Analytical

11711 SE Capps Road, Ste B
Clackamas, Oregon 97015
TEL: 503-607-1331 FAX: 503-607-1336
Website: www.specialtyanalytical.com

September 22, 2016

Merideth D'Andrea
Maul Foster & Alongi
400 E. Mill Plain Blvd.
Suite 400
Vancouver, WA 98660

TEL: (503) 501-5216
FAX: (360) 906-1958
RE: URIC / 8006.31.05

Dear Merideth D'Andrea:

Order No.: 1609073

Specialty Analytical received 22 sample(s) on 9/12/2016 for the analyses presented in the following report.

There were no problems with the analysis and all data for associated QC met EPA or laboratory specifications, except where noted in the Case Narrative, or as qualified with flags. Results apply only to the samples analyzed. Without approval of the laboratory, the reproduction of this report is only permitted in its entirety.

If you have any questions regarding these tests, please feel free to call.

Sincerely,

A handwritten signature in black ink, appearing to read "Marty French". The signature is fluid and cursive, written over a white background.

Marty French
Lab Director

Specialty Analytical

Date Reported: 22-Sep-16

CLIENT: Maul Foster & Alongi
Project: URIC / 8006.31.05

Lab Order: 1609073

Lab ID: 1609073-001
Client Sample ID: MW14-090716

Collection Date: 9/7/2016 10:21:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	9/13/2016 1:05:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	9/13/2016 1:05:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	9/13/2016 1:05:00 PM
Chloroethane	ND	0.203		µg/L	1	9/13/2016 1:05:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	9/13/2016 1:05:00 PM
Tetrachloroethene	ND	0.0672		µg/L	1	9/13/2016 1:05:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	9/13/2016 1:05:00 PM
Trichloroethene	ND	0.0870		µg/L	1	9/13/2016 1:05:00 PM
Vinyl chloride	ND	0.155		µg/L	1	9/13/2016 1:05:00 PM
Surr: 1,2-Dichloroethane-d4	99.5	85.3-126		%REC	1	9/13/2016 1:05:00 PM
Surr: 4-Bromofluorobenzene	102	78.1-120		%REC	1	9/13/2016 1:05:00 PM
Surr: Dibromofluoromethane	104	84.2-122		%REC	1	9/13/2016 1:05:00 PM
Surr: Toluene-d8	95.0	86.2-135		%REC	1	9/13/2016 1:05:00 PM

Lab ID: 1609073-002
Client Sample ID: MW20-090716

Collection Date: 9/7/2016 11:05:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	9/13/2016 1:37:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	9/13/2016 1:37:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	9/13/2016 1:37:00 PM
Chloroethane	ND	0.203		µg/L	1	9/13/2016 1:37:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	9/13/2016 1:37:00 PM
Tetrachloroethene	ND	0.0672		µg/L	1	9/13/2016 1:37:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	9/13/2016 1:37:00 PM
Trichloroethene	ND	0.0870		µg/L	1	9/13/2016 1:37:00 PM
Vinyl chloride	ND	0.155		µg/L	1	9/13/2016 1:37:00 PM
Surr: 1,2-Dichloroethane-d4	101	85.3-126		%REC	1	9/13/2016 1:37:00 PM
Surr: 4-Bromofluorobenzene	102	78.1-120		%REC	1	9/13/2016 1:37:00 PM
Surr: Dibromofluoromethane	105	84.2-122		%REC	1	9/13/2016 1:37:00 PM
Surr: Toluene-d8	91.4	86.2-135		%REC	1	9/13/2016 1:37:00 PM

Specialty Analytical

Date Reported: 22-Sep-16

CLIENT: Maul Foster & Alongi
Project: URIC / 8006.31.05

Lab Order: 1609073

Lab ID: 1609073-003
Client Sample ID: MW06-090716

Collection Date: 9/7/2016 11:50:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	9/13/2016 2:09:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	9/13/2016 2:09:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	9/13/2016 2:09:00 PM
Chloroethane	ND	0.203		µg/L	1	9/13/2016 2:09:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	9/13/2016 2:09:00 PM
Tetrachloroethene	1.29	0.0672		µg/L	1	9/13/2016 2:09:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	9/13/2016 2:09:00 PM
Trichloroethene	4.53	0.0870		µg/L	1	9/13/2016 2:09:00 PM
Vinyl chloride	ND	0.155		µg/L	1	9/13/2016 2:09:00 PM
Surr: 1,2-Dichloroethane-d4	100	85.3-126		%REC	1	9/13/2016 2:09:00 PM
Surr: 4-Bromofluorobenzene	105	78.1-120		%REC	1	9/13/2016 2:09:00 PM
Surr: Dibromofluoromethane	106	84.2-122		%REC	1	9/13/2016 2:09:00 PM
Surr: Toluene-d8	93.7	86.2-135		%REC	1	9/13/2016 2:09:00 PM

Lab ID: 1609073-004
Client Sample ID: MW18-090716

Collection Date: 9/7/2016 12:35:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	9/13/2016 2:41:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	9/13/2016 2:41:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	9/13/2016 2:41:00 PM
Chloroethane	ND	0.203		µg/L	1	9/13/2016 2:41:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	9/13/2016 2:41:00 PM
Tetrachloroethene	ND	0.0672		µg/L	1	9/13/2016 2:41:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	9/13/2016 2:41:00 PM
Trichloroethene	ND	0.0870		µg/L	1	9/13/2016 2:41:00 PM
Vinyl chloride	ND	0.155		µg/L	1	9/13/2016 2:41:00 PM
Surr: 1,2-Dichloroethane-d4	101	85.3-126		%REC	1	9/13/2016 2:41:00 PM
Surr: 4-Bromofluorobenzene	104	78.1-120		%REC	1	9/13/2016 2:41:00 PM
Surr: Dibromofluoromethane	105	84.2-122		%REC	1	9/13/2016 2:41:00 PM
Surr: Toluene-d8	93.9	86.2-135		%REC	1	9/13/2016 2:41:00 PM

Specialty Analytical

Date Reported: 22-Sep-16

CLIENT: Maul Foster & Alongi
Project: URIC / 8006.31.05

Lab Order: 1609073

Lab ID: 1609073-005 Collection Date: 9/7/2016 2:58:00 PM
Client Sample ID: MW17-090716 Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	9/13/2016 3:14:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	9/13/2016 3:14:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	9/13/2016 3:14:00 PM
Chloroethane	ND	0.203		µg/L	1	9/13/2016 3:14:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	9/13/2016 3:14:00 PM
Tetrachloroethene	ND	0.0672		µg/L	1	9/13/2016 3:14:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	9/13/2016 3:14:00 PM
Trichloroethene	ND	0.0870		µg/L	1	9/13/2016 3:14:00 PM
Vinyl chloride	ND	0.155		µg/L	1	9/13/2016 3:14:00 PM
Surr: 1,2-Dichloroethane-d4	103	85.3-126		%REC	1	9/13/2016 3:14:00 PM
Surr: 4-Bromofluorobenzene	104	78.1-120		%REC	1	9/13/2016 3:14:00 PM
Surr: Dibromofluoromethane	108	84.2-122		%REC	1	9/13/2016 3:14:00 PM
Surr: Toluene-d8	91.5	86.2-135		%REC	1	9/13/2016 3:14:00 PM

Lab ID: 1609073-006 Collection Date: 9/7/2016 5:18:00 PM
Client Sample ID: MW13-090716 Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	9/14/2016 3:16:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	9/14/2016 3:16:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	9/14/2016 3:16:00 PM
Chloroethane	ND	0.203		µg/L	1	9/14/2016 3:16:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	9/14/2016 3:16:00 PM
Tetrachloroethene	251	0.672		µg/L	10	9/13/2016 3:46:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	9/14/2016 3:16:00 PM
Trichloroethene	33.8	0.0870		µg/L	1	9/14/2016 3:16:00 PM
Vinyl chloride	ND	0.155		µg/L	1	9/14/2016 3:16:00 PM
Surr: 1,2-Dichloroethane-d4	98.2	85.3-126		%REC	1	9/14/2016 3:16:00 PM
Surr: 4-Bromofluorobenzene	99.0	78.1-120		%REC	1	9/14/2016 3:16:00 PM
Surr: Dibromofluoromethane	104	84.2-122		%REC	1	9/14/2016 3:16:00 PM
Surr: Toluene-d8	90.8	86.2-135		%REC	1	9/14/2016 3:16:00 PM

Specialty Analytical

Date Reported: 22-Sep-16

CLIENT: Maul Foster & Alongi
Project: URIC / 8006.31.05

Lab Order: 1609073

Lab ID: 1609073-007
Client Sample ID: MW04-090816

Collection Date: 9/8/2016 8:45:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	9/13/2016 4:18:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	9/13/2016 4:18:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	9/13/2016 4:18:00 PM
Chloroethane	ND	0.203		µg/L	1	9/13/2016 4:18:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	9/13/2016 4:18:00 PM
Tetrachloroethene	18.4	0.0672		µg/L	1	9/13/2016 4:18:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	9/13/2016 4:18:00 PM
Trichloroethene	1.39	0.0870		µg/L	1	9/13/2016 4:18:00 PM
Vinyl chloride	ND	0.155		µg/L	1	9/13/2016 4:18:00 PM
Surr: 1,2-Dichloroethane-d4	102	85.3-126		%REC	1	9/13/2016 4:18:00 PM
Surr: 4-Bromofluorobenzene	103	78.1-120		%REC	1	9/13/2016 4:18:00 PM
Surr: Dibromofluoromethane	105	84.2-122		%REC	1	9/13/2016 4:18:00 PM
Surr: Toluene-d8	93.2	86.2-135		%REC	1	9/13/2016 4:18:00 PM

Lab ID: 1609073-008
Client Sample ID: MW01-090816

Collection Date: 9/8/2016 8:55:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	9/13/2016 4:50:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	9/13/2016 4:50:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	9/13/2016 4:50:00 PM
Chloroethane	ND	0.203		µg/L	1	9/13/2016 4:50:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	9/13/2016 4:50:00 PM
Tetrachloroethene	9.98	0.0672		µg/L	1	9/13/2016 4:50:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	9/13/2016 4:50:00 PM
Trichloroethene	ND	0.0870		µg/L	1	9/13/2016 4:50:00 PM
Vinyl chloride	ND	0.155		µg/L	1	9/13/2016 4:50:00 PM
Surr: 1,2-Dichloroethane-d4	100	85.3-126		%REC	1	9/13/2016 4:50:00 PM
Surr: 4-Bromofluorobenzene	104	78.1-120		%REC	1	9/13/2016 4:50:00 PM
Surr: Dibromofluoromethane	105	84.2-122		%REC	1	9/13/2016 4:50:00 PM
Surr: Toluene-d8	92.2	86.2-135		%REC	1	9/13/2016 4:50:00 PM

Specialty Analytical

Date Reported: 22-Sep-16

CLIENT: Maul Foster & Alongi
Project: URIC / 8006.31.05

Lab Order: 1609073

Lab ID: 1609073-009 Collection Date: 9/8/2016 10:32:00 AM
Client Sample ID: MW02-090816 Matrix: WATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	9/13/2016 5:23:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	9/13/2016 5:23:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	9/13/2016 5:23:00 PM
Chloroethane	ND	0.203		µg/L	1	9/13/2016 5:23:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	9/13/2016 5:23:00 PM
Tetrachloroethene	2.29	0.0672		µg/L	1	9/13/2016 5:23:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	9/13/2016 5:23:00 PM
Trichloroethene	ND	0.0870		µg/L	1	9/13/2016 5:23:00 PM
Vinyl chloride	ND	0.155		µg/L	1	9/13/2016 5:23:00 PM
Surr: 1,2-Dichloroethane-d4	102	85.3-126		%REC	1	9/13/2016 5:23:00 PM
Surr: 4-Bromofluorobenzene	104	78.1-120		%REC	1	9/13/2016 5:23:00 PM
Surr: Dibromofluoromethane	105	84.2-122		%REC	1	9/13/2016 5:23:00 PM
Surr: Toluene-d8	93.5	86.2-135		%REC	1	9/13/2016 5:23:00 PM

Lab ID: 1609073-010 Collection Date: 9/8/2016 10:43:00 AM
Client Sample ID: MW09-090816 Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	9/13/2016 5:55:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	9/13/2016 5:55:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	9/13/2016 5:55:00 PM
Chloroethane	ND	0.203		µg/L	1	9/13/2016 5:55:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	9/13/2016 5:55:00 PM
Tetrachloroethene	31.3	0.0672		µg/L	1	9/13/2016 5:55:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	9/13/2016 5:55:00 PM
Trichloroethene	115	0.0870		µg/L	1	9/13/2016 5:55:00 PM
Vinyl chloride	ND	0.155		µg/L	1	9/13/2016 5:55:00 PM
Surr: 1,2-Dichloroethane-d4	101	85.3-126		%REC	1	9/13/2016 5:55:00 PM
Surr: 4-Bromofluorobenzene	113	78.1-120		%REC	1	9/13/2016 5:55:00 PM
Surr: Dibromofluoromethane	105	84.2-122		%REC	1	9/13/2016 5:55:00 PM
Surr: Toluene-d8	92.4	86.2-135		%REC	1	9/13/2016 5:55:00 PM

Specialty Analytical

Date Reported: 22-Sep-16

CLIENT: Maul Foster & Alongi
Project: URIC / 8006.31.05

Lab Order: 1609073

Lab ID: 1609073-011
Client Sample ID: MW21-090816

Collection Date: 9/8/2016 12:04:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	9/13/2016 6:28:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	9/13/2016 6:28:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	9/13/2016 6:28:00 PM
Chloroethane	ND	0.203		µg/L	1	9/13/2016 6:28:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	9/13/2016 6:28:00 PM
Tetrachloroethene	5810	6.72		µg/L	100	9/14/2016 6:29:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	9/13/2016 6:28:00 PM
Trichloroethene	ND	0.0870		µg/L	1	9/13/2016 6:28:00 PM
Vinyl chloride	ND	0.155		µg/L	1	9/13/2016 6:28:00 PM
Surr: 1,2-Dichloroethane-d4	102	85.3-126		%REC	1	9/13/2016 6:28:00 PM
Surr: 4-Bromofluorobenzene	103	78.1-120		%REC	1	9/13/2016 6:28:00 PM
Surr: Dibromofluoromethane	106	84.2-122		%REC	1	9/13/2016 6:28:00 PM
Surr: Toluene-d8	92.8	86.2-135		%REC	1	9/13/2016 6:28:00 PM

Lab ID: 1609073-012
Client Sample ID: MW03-090816

Collection Date: 9/8/2016 12:06:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	9/14/2016 4:53:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	9/14/2016 4:53:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	9/14/2016 4:53:00 PM
Chloroethane	ND	0.203		µg/L	1	9/14/2016 4:53:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	9/14/2016 4:53:00 PM
Tetrachloroethene	2450	6.72		µg/L	100	9/13/2016 7:00:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	9/14/2016 4:53:00 PM
Trichloroethene	ND	0.0870		µg/L	1	9/14/2016 4:53:00 PM
Vinyl chloride	ND	0.155		µg/L	1	9/14/2016 4:53:00 PM
Surr: 1,2-Dichloroethane-d4	102	85.3-126		%REC	1	9/14/2016 4:53:00 PM
Surr: 4-Bromofluorobenzene	103	78.1-120		%REC	1	9/14/2016 4:53:00 PM
Surr: Dibromofluoromethane	107	84.2-122		%REC	1	9/14/2016 4:53:00 PM
Surr: Toluene-d8	92.3	86.2-135		%REC	1	9/14/2016 4:53:00 PM

Specialty Analytical

Date Reported: 22-Sep-16

CLIENT: Maul Foster & Alongi
Project: URIC / 8006.31.05

Lab Order: 1609073

Lab ID: 1609073-013
Client Sample ID: MW05-090816

Collection Date: 9/8/2016 2:49:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	9/14/2016 3:48:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	9/14/2016 3:48:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	9/14/2016 3:48:00 PM
Chloroethane	ND	0.203		µg/L	1	9/14/2016 3:48:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	9/14/2016 3:48:00 PM
Tetrachloroethene	971	0.672		µg/L	10	9/13/2016 7:32:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	9/14/2016 3:48:00 PM
Trichloroethene	3.01	0.0870		µg/L	1	9/14/2016 3:48:00 PM
Vinyl chloride	ND	0.155		µg/L	1	9/14/2016 3:48:00 PM
Surr: 1,2-Dichloroethane-d4	99.8	85.3-126		%REC	1	9/14/2016 3:48:00 PM
Surr: 4-Bromofluorobenzene	102	78.1-120		%REC	1	9/14/2016 3:48:00 PM
Surr: Dibromofluoromethane	104	84.2-122		%REC	1	9/14/2016 3:48:00 PM
Surr: Toluene-d8	92.6	86.2-135		%REC	1	9/14/2016 3:48:00 PM

Lab ID: 1609073-014
Client Sample ID: MW05-090816-DUP

Collection Date: 9/8/2016 2:49:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	9/14/2016 4:20:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	9/14/2016 4:20:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	9/14/2016 4:20:00 PM
Chloroethane	ND	0.203		µg/L	1	9/14/2016 4:20:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	9/14/2016 4:20:00 PM
Tetrachloroethene	895	0.672		µg/L	10	9/13/2016 8:05:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	9/14/2016 4:20:00 PM
Trichloroethene	2.68	0.0870		µg/L	1	9/14/2016 4:20:00 PM
Vinyl chloride	ND	0.155		µg/L	1	9/14/2016 4:20:00 PM
Surr: 1,2-Dichloroethane-d4	104	85.3-126		%REC	1	9/14/2016 4:20:00 PM
Surr: 4-Bromofluorobenzene	103	78.1-120		%REC	1	9/14/2016 4:20:00 PM
Surr: Dibromofluoromethane	108	84.2-122		%REC	1	9/14/2016 4:20:00 PM
Surr: Toluene-d8	93.0	86.2-135		%REC	1	9/14/2016 4:20:00 PM

Specialty Analytical

Date Reported: 22-Sep-16

CLIENT: Maul Foster & Alongi
Project: URIC / 8006.31.05

Lab Order: 1609073

Lab ID: 1609073-015
Client Sample ID: MW07-090816

Collection Date: 9/8/2016 3:04:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	9/13/2016 8:37:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	9/13/2016 8:37:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	9/13/2016 8:37:00 PM
Chloroethane	ND	0.203		µg/L	1	9/13/2016 8:37:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	9/13/2016 8:37:00 PM
Tetrachloroethene	1.72	0.0672		µg/L	1	9/13/2016 8:37:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	9/13/2016 8:37:00 PM
Trichloroethene	ND	0.0870		µg/L	1	9/13/2016 8:37:00 PM
Vinyl chloride	ND	0.155		µg/L	1	9/13/2016 8:37:00 PM
Surr: 1,2-Dichloroethane-d4	102	85.3-126		%REC	1	9/13/2016 8:37:00 PM
Surr: 4-Bromofluorobenzene	103	78.1-120		%REC	1	9/13/2016 8:37:00 PM
Surr: Dibromofluoromethane	105	84.2-122		%REC	1	9/13/2016 8:37:00 PM
Surr: Toluene-d8	92.6	86.2-135		%REC	1	9/13/2016 8:37:00 PM

Lab ID: 1609073-016
Client Sample ID: MW11-090816

Collection Date: 9/8/2016 4:55:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	9/19/2016 4:14:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	9/19/2016 4:14:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	9/19/2016 4:14:00 PM
Chloroethane	ND	0.203		µg/L	1	9/19/2016 4:14:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	9/19/2016 4:14:00 PM
Tetrachloroethene	20.5	0.0672		µg/L	1	9/19/2016 4:14:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	9/19/2016 4:14:00 PM
Trichloroethene	7.19	0.0870		µg/L	1	9/19/2016 4:14:00 PM
Vinyl chloride	ND	0.155		µg/L	1	9/19/2016 4:14:00 PM
Surr: 1,2-Dichloroethane-d4	101	85.3-126		%REC	1	9/19/2016 4:14:00 PM
Surr: 4-Bromofluorobenzene	104	78.1-120		%REC	1	9/19/2016 4:14:00 PM
Surr: Dibromofluoromethane	106	84.2-122		%REC	1	9/19/2016 4:14:00 PM
Surr: Toluene-d8	91.9	86.2-135		%REC	1	9/19/2016 4:14:00 PM

Specialty Analytical

Date Reported: 22-Sep-16

CLIENT: Maul Foster & Alongi
Project: URIC / 8006.31.05

Lab Order: 1609073

Lab ID: 1609073-017
Client Sample ID: MW10-090816

Collection Date: 9/8/2016 5:13:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	9/19/2016 4:46:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	9/19/2016 4:46:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	9/19/2016 4:46:00 PM
Chloroethane	ND	0.203		µg/L	1	9/19/2016 4:46:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	9/19/2016 4:46:00 PM
Tetrachloroethene	61.2	0.0672		µg/L	1	9/19/2016 4:46:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	9/19/2016 4:46:00 PM
Trichloroethene	85.1	0.0870		µg/L	1	9/19/2016 4:46:00 PM
Vinyl chloride	ND	0.155		µg/L	1	9/19/2016 4:46:00 PM
Surr: 1,2-Dichloroethane-d4	102	85.3-126		%REC	1	9/19/2016 4:46:00 PM
Surr: 4-Bromofluorobenzene	108	78.1-120		%REC	1	9/19/2016 4:46:00 PM
Surr: Dibromofluoromethane	106	84.2-122		%REC	1	9/19/2016 4:46:00 PM
Surr: Toluene-d8	89.3	86.2-135		%REC	1	9/19/2016 4:46:00 PM

Lab ID: 1609073-018
Client Sample ID: MW08-090916

Collection Date: 9/9/2016 9:26:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	9/19/2016 5:19:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	9/19/2016 5:19:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	9/19/2016 5:19:00 PM
Chloroethane	ND	0.203		µg/L	1	9/19/2016 5:19:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	9/19/2016 5:19:00 PM
Tetrachloroethene	0.360	0.0672	J	µg/L	1	9/19/2016 5:19:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	9/19/2016 5:19:00 PM
Trichloroethene	ND	0.0870		µg/L	1	9/19/2016 5:19:00 PM
Vinyl chloride	ND	0.155		µg/L	1	9/19/2016 5:19:00 PM
Surr: 1,2-Dichloroethane-d4	104	85.3-126		%REC	1	9/19/2016 5:19:00 PM
Surr: 4-Bromofluorobenzene	105	78.1-120		%REC	1	9/19/2016 5:19:00 PM
Surr: Dibromofluoromethane	107	84.2-122		%REC	1	9/19/2016 5:19:00 PM
Surr: Toluene-d8	92.6	86.2-135		%REC	1	9/19/2016 5:19:00 PM

Specialty Analytical

Date Reported: 22-Sep-16

CLIENT: Maul Foster & Alongi
Project: URIC / 8006.31.05

Lab Order: 1609073

Lab ID: 1609073-019
Client Sample ID: MW16-090916

Collection Date: 9/9/2016 11:18:00 AM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	9/19/2016 5:51:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	9/19/2016 5:51:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	9/19/2016 5:51:00 PM
Chloroethane	ND	0.203		µg/L	1	9/19/2016 5:51:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	9/19/2016 5:51:00 PM
Tetrachloroethene	7.71	0.0672		µg/L	1	9/19/2016 5:51:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	9/19/2016 5:51:00 PM
Trichloroethene	ND	0.0870		µg/L	1	9/19/2016 5:51:00 PM
Vinyl chloride	ND	0.155		µg/L	1	9/19/2016 5:51:00 PM
Surr: 1,2-Dichloroethane-d4	103	85.3-126		%REC	1	9/19/2016 5:51:00 PM
Surr: 4-Bromofluorobenzene	105	78.1-120		%REC	1	9/19/2016 5:51:00 PM
Surr: Dibromofluoromethane	107	84.2-122		%REC	1	9/19/2016 5:51:00 PM
Surr: Toluene-d8	91.9	86.2-135		%REC	1	9/19/2016 5:51:00 PM

Lab ID: 1609073-020
Client Sample ID: MW19-090916

Collection Date: 9/9/2016 2:19:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	9/19/2016 6:23:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	9/19/2016 6:23:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	9/19/2016 6:23:00 PM
Chloroethane	ND	0.203		µg/L	1	9/19/2016 6:23:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	9/19/2016 6:23:00 PM
Tetrachloroethene	0.480	0.0672	J	µg/L	1	9/19/2016 6:23:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	9/19/2016 6:23:00 PM
Trichloroethene	ND	0.0870		µg/L	1	9/19/2016 6:23:00 PM
Vinyl chloride	ND	0.155		µg/L	1	9/19/2016 6:23:00 PM
Surr: 1,2-Dichloroethane-d4	103	85.3-126		%REC	1	9/19/2016 6:23:00 PM
Surr: 4-Bromofluorobenzene	105	78.1-120		%REC	1	9/19/2016 6:23:00 PM
Surr: Dibromofluoromethane	107	84.2-122		%REC	1	9/19/2016 6:23:00 PM
Surr: Toluene-d8	90.8	86.2-135		%REC	1	9/19/2016 6:23:00 PM

Specialty Analytical

Date Reported: 22-Sep-16

CLIENT: Maul Foster & Alongi
Project: URIC / 8006.31.05

Lab Order: 1609073

Lab ID: 1609073-021
Client Sample ID: MW15-090916

Collection Date: 9/9/2016 4:43:00 PM
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	9/19/2016 6:56:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	9/19/2016 6:56:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	9/19/2016 6:56:00 PM
Chloroethane	ND	0.203		µg/L	1	9/19/2016 6:56:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	9/19/2016 6:56:00 PM
Tetrachloroethene	6.81	0.0672		µg/L	1	9/19/2016 6:56:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	9/19/2016 6:56:00 PM
Trichloroethene	ND	0.0870		µg/L	1	9/19/2016 6:56:00 PM
Vinyl chloride	ND	0.155		µg/L	1	9/19/2016 6:56:00 PM
Surr: 1,2-Dichloroethane-d4	104	85.3-126		%REC	1	9/19/2016 6:56:00 PM
Surr: 4-Bromofluorobenzene	105	78.1-120		%REC	1	9/19/2016 6:56:00 PM
Surr: Dibromofluoromethane	108	84.2-122		%REC	1	9/19/2016 6:56:00 PM
Surr: Toluene-d8	90.7	86.2-135		%REC	1	9/19/2016 6:56:00 PM

Lab ID: 1609073-022
Client Sample ID: Trip Blank_09092016

Collection Date: 9/9/2016
Matrix: GROUNDWATER

Analyses	Result	MDL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS BY GC/MS		SW8260B		Analyst: CK		
1,1-Dichloroethane	ND	0.0851		µg/L	1	9/19/2016 12:18:00 PM
1,1-Dichloroethene	ND	0.0964		µg/L	1	9/19/2016 12:18:00 PM
1,2-Dichloroethane	ND	0.0870		µg/L	1	9/19/2016 12:18:00 PM
Chloroethane	ND	0.203		µg/L	1	9/19/2016 12:18:00 PM
cis-1,2-Dichloroethene	ND	0.0660		µg/L	1	9/19/2016 12:18:00 PM
Tetrachloroethene	ND	0.0672		µg/L	1	9/19/2016 12:18:00 PM
trans-1,2-Dichloroethene	ND	0.0830		µg/L	1	9/19/2016 12:18:00 PM
Trichloroethene	ND	0.0870		µg/L	1	9/19/2016 12:18:00 PM
Vinyl chloride	ND	0.155		µg/L	1	9/19/2016 12:18:00 PM
Surr: 1,2-Dichloroethane-d4	98.1	85.3-126		%REC	1	9/19/2016 12:18:00 PM
Surr: 4-Bromofluorobenzene	104	78.1-120		%REC	1	9/19/2016 12:18:00 PM
Surr: Dibromofluoromethane	105	84.2-122		%REC	1	9/19/2016 12:18:00 PM
Surr: Toluene-d8	94.7	86.2-135		%REC	1	9/19/2016 12:18:00 PM

QC SUMMARY REPORT

WO#: 1609073

22-Sep-16

Specialty Analytical

Client: Maul Foster & Alongi

Project: URIC / 8006.31.05

TestCode: 8260_W

Sample ID: CCV MSVWS-2059	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 26634						
Client ID: CCV	Batch ID: R26634	TestNo: SW8260B		Analysis Date: 9/12/2016	SeqNo: 358648						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	38.6	1.00	40.00	0	96.4	80	120
Vinyl chloride	42.8	1.00	40.00	0	107	80	120

Sample ID: LCS MSVWS-2060	SampType: LCS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 26634						
Client ID: LCSW	Batch ID: R26634	TestNo: SW8260B		Analysis Date: 9/12/2016	SeqNo: 358648						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	37.8	1.00	40.00	0	94.6	61.2	135
Trichloroethene	39.9	1.00	40.00	0	99.8	68.5	124

Sample ID: MB	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 26634						
Client ID: PBW	Batch ID: R26634	TestNo: SW8260B		Analysis Date: 9/12/2016	SeqNo: 358648						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethane	ND	1.00
1,1-Dichloroethene	ND	1.00
1,2-Dichloroethane	ND	1.00
Chloroethane	ND	1.00
cis-1,2-Dichloroethene	ND	1.00
Tetrachloroethene	ND	1.00
trans-1,2-Dichloroethene	ND	1.00
Trichloroethene	ND	1.00
Vinyl chloride	ND	1.00

Qualifiers: B Analyte detected in the associated Method Blank	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
O RSD is greater than RSDlimit	R RPD outside accepted recovery limits	S Spike Recovery outside accepted reco

QC SUMMARY REPORT

WO#: 1609073

22-Sep-16

Specialty Analytical

Client: Maul Foster & Alongi

Project: URIC / 8006.31.05

TestCode: 8260_W

Sample ID: MB	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 26634						
Client ID: PBW	Batch ID: R26634	TestNo: SW8260B		Analysis Date: 9/12/2016	SeqNo: 358648						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	101		100.0		101	85.3	126				
Surr: 4-Bromofluorobenzene	103		100.0		103	78.1	120				
Surr: Dibromofluoromethane	105		100.0		105	84.2	122				
Surr: Toluene-d8	93.8		100.0		93.8	86.2	135				

Sample ID: CCV MSVWS-2059	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 26634						
Client ID: CCV	Batch ID: R26634	TestNo: SW8260B		Analysis Date: 9/14/2016	SeqNo: 358669						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	39.3	1.00	40.00	0	98.3	80	120				
Vinyl chloride	39.7	1.00	40.00	0	99.2	80	120				

Sample ID: CCB	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 26634						
Client ID: CCB	Batch ID: R26634	TestNo: SW8260B		Analysis Date: 9/14/2016	SeqNo: 358670						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Tetrachloroethene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									

Qualifiers: B Analyte detected in the associated Method Blank
 O RSD is greater than RSDlimit

H Holding times for preparation or analysis exceeded
 R RPD outside accepted recovery limits

ND Not Detected at the Reporting Limit
 S Spike Recovery outside accepted reco

QC SUMMARY REPORT

WO#: 1609073

22-Sep-16

Specialty Analytical

Client: Maul Foster & Alongi

Project: URIC / 8006.31.05

TestCode: 8260_W

Sample ID: CCB	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 26634						
Client ID: CCB	Batch ID: R26634	TestNo: SW8260B		Analysis Date: 9/14/2016	SeqNo: 358670						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									
Surr: 1,2-Dichloroethane-d4	107		100.0		107	85.3	126				
Surr: 4-Bromofluorobenzene	107		100.0		107	78.1	120				
Surr: Dibromofluoromethane	107		100.0		107	84.2	122				
Surr: Toluene-d8	93.0		100.0		93.0	86.2	135				

Sample ID: B1609071-001BMS	SampType: MS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 26634						
Client ID: ZZZZZ	Batch ID: R26634	TestNo: SW8260B		Analysis Date: 9/12/2016	SeqNo: 358677						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	39.8	1.00	40.00	0	99.5	47.8	165				
Trichloroethene	42.0	1.00	40.00	0	105	50.8	164				

Sample ID: B1609071-001BMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 26634						
Client ID: ZZZZZ	Batch ID: R26634	TestNo: SW8260B		Analysis Date: 9/12/2016	SeqNo: 358678						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	38.2	1.00	40.00	0	95.6	47.8	165	39.79	3.97	20	
Trichloroethene	40.6	1.00	40.00	0	101	50.8	164	41.98	3.42	20	

Qualifiers: B Analyte detected in the associated Method Blank H Holding times for preparation or analysis exceeded ND Not Detected at the Reporting Limit
 O RSD is greater than RSDlimit R RPD outside accepted recovery limits S Spike Recovery outside accepted reco

QC SUMMARY REPORT

WO#: 1609073

22-Sep-16

Specialty Analytical

Client: Maul Foster & Alongi

Project: URIC / 8006.31.05

TestCode: 8260_W

Sample ID: CCV MSVWS-2059	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 26634						
Client ID: CCV	Batch ID: R26634	TestNo: SW8260B		Analysis Date: 9/13/2016	SeqNo: 358679						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethene	40.5	1.00	40.00	0	101	80	120
Vinyl chloride	42.4	1.00	40.00	0	106	80	120

Sample ID: CCB	SampType: CCB	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 26634						
Client ID: CCB	Batch ID: R26634	TestNo: SW8260B		Analysis Date: 9/13/2016	SeqNo: 358680						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

1,1-Dichloroethane	ND	1.00					
1,1-Dichloroethene	ND	1.00					
1,2-Dichloroethane	ND	1.00					
Chloroethane	ND	1.00					
cis-1,2-Dichloroethene	ND	1.00					
Tetrachloroethene	ND	1.00					
trans-1,2-Dichloroethene	ND	1.00					
Trichloroethene	ND	1.00					
Vinyl chloride	ND	1.00					
Surr: 1,2-Dichloroethane-d4	100		100.0		100	85.3	126
Surr: 4-Bromofluorobenzene	103		100.0		103	78.1	120
Surr: Dibromofluoromethane	105		100.0		105	84.2	122
Surr: Toluene-d8	93.7		100.0		93.7	86.2	135

Qualifiers:	B Analyte detected in the associated Method Blank	H Holding times for preparation or analysis exceeded	ND Not Detected at the Reporting Limit
	O RSD is greater than RSDlimit	R RPD outside accepted recovery limits	S Spike Recovery outside accepted reco

QC SUMMARY REPORT

WO#: 1609073

22-Sep-16

Specialty Analytical

Client: Maul Foster & Alongi

Project: URIC / 8006.31.05

TestCode: 8260_W

Sample ID: CCV MSVWS-2059	SampType: CCV	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 26675						
Client ID: CCV	Batch ID: R26675	TestNo: SW8260B		Analysis Date: 9/19/2016	SeqNo: 359247						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	42.5	1.00	40.00	0	106	80	120				
Vinyl chloride	44.5	1.00	40.00	0	111	80	120				

Sample ID: LCS MSVWS-2060	SampType: LCS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 26675						
Client ID: LCSW	Batch ID: R26675	TestNo: SW8260B		Analysis Date: 9/19/2016	SeqNo: 359248						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	38.1	1.00	40.00	0	95.2	61.2	135				
Trichloroethene	37.5	1.00	40.00	0	93.7	68.5	124				

Sample ID: MB	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 26675						
Client ID: PBW	Batch ID: R26675	TestNo: SW8260B		Analysis Date: 9/19/2016	SeqNo: 359249						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethane	ND	1.00									
1,1-Dichloroethene	ND	1.00									
1,2-Dichloroethane	ND	1.00									
Chloroethane	ND	1.00									
cis-1,2-Dichloroethene	ND	1.00									
Tetrachloroethene	ND	1.00									
trans-1,2-Dichloroethene	ND	1.00									
Trichloroethene	ND	1.00									
Vinyl chloride	ND	1.00									

Qualifiers:	B Analyte detected in the associated Method Blank O RSD is greater than RSDlimit	H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits	ND Not Detected at the Reporting Limit S Spike Recovery outside accepted reco	Page 5 of 6
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QC SUMMARY REPORT

WO#: 1609073

22-Sep-16

Specialty Analytical

Client: Maul Foster & Alongi

Project: URIC / 8006.31.05

TestCode: 8260_W

Sample ID: MB	SampType: MBLK	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 26675						
Client ID: PBW	Batch ID: R26675	TestNo: SW8260B		Analysis Date: 9/19/2016	SeqNo: 359249						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	95.2		100.0		95.2	85.3	126				
Surr: 4-Bromofluorobenzene	103		100.0		103	78.1	120				
Surr: Dibromofluoromethane	102		100.0		102	84.2	122				
Surr: Toluene-d8	92.2		100.0		92.2	86.2	135				

Sample ID: A1609138-001BMS	SampType: MS	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 26675						
Client ID: ZZZZZ	Batch ID: R26675	TestNo: SW8260B		Analysis Date: 9/19/2016	SeqNo: 359470						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	40.7	1.00	40.00	0	102	47.8	165				
Trichloroethene	42.0	1.00	40.00	0	105	50.8	164				

Sample ID: A1609138-001BMSD	SampType: MSD	TestCode: 8260_W	Units: µg/L	Prep Date:	RunNo: 26675						
Client ID: ZZZZZ	Batch ID: R26675	TestNo: SW8260B		Analysis Date: 9/19/2016	SeqNo: 359471						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	40.0	1.00	40.00	0	99.9	47.8	165	40.67	1.79	20	
Trichloroethene	39.1	1.00	40.00	0	97.8	50.8	164	42.00	7.08	20	

Qualifiers:	B Analyte detected in the associated Method Blank O RSD is greater than RSDlimit	H Holding times for preparation or analysis exceeded R RPD outside accepted recovery limits	ND Not Detected at the Reporting Limit S Spike Recovery outside accepted reco	Page 6 of 6
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KEY TO FLAGS

Rev. May 12, 2010

- A This sample contains a Gasoline Range Organic not identified as a specific hydrocarbon product. The result was quantified against gasoline calibration standards
- A1 This sample contains a Diesel Range Organic not identified as a specific hydrocarbon product. The result was quantified against diesel calibration standards.
- A2 This sample contains a Lube Oil Range Organic not identified as a specific hydrocarbon product. The result was quantified against a lube oil calibration standard.
- A3 The result was determined to be Non-Detect based on hydrocarbon pattern recognition. The product was carry-over from another hydrocarbon type.
- A4 The product appears to be aged or degraded diesel.
- B The blank exhibited a positive result great than the reporting limit for this compound.
- CN See Case Narrative.
- D Result is based from a dilution.
- E Result exceeds the calibration range for this compound. The result should be considered as estimate.
- F The positive result for this hydrocarbon is due to single component contamination. The product does not match any hydrocarbon in the fuels library.
- G Result may be biased high due to biogenic interferences. Clean up is recommended.
- H Sample was analyzed outside recommended holding time.
- HT At clients request, samples was analyzed outside of recommended holding time.
- J The result for this analyte is between the MDL and the PQL and should be considered as estimated concentration.
- K Diesel result is biased high due to amount of Oil contained in the sample.
- L Diesel result is biased high due to amount of Gasoline contained in the sample.
- M Oil result is biased high due to amount of Diesel contained in the sample.
- MC Sample concentration is greater than 4x the spiked value, the spiked value is considered insignificant.
- MI Result is outside control limits due to matrix interference.
- MSA Value determined by Method of Standard Addition.
- O Laboratory Control Standard (LCS) exceeded laboratory control limits, but meets CCV criteria. Data meets EPA requirements.
- Q Detection levels elevated due to sample matrix.
- R RPD control limits were exceeded.
- RF Duplicate failed due to result being at or near the method-reporting limit.
- RP Matrix spike values exceed established QC limits; post digestion spike is in control.
- S Recovery is outside control limits.
- SC Closing CCV or LCS exceeded high recovery control limits, but associated samples are non-detect. Data meets EPA requirements.
- * The result for this parameter was greater than the maximum contaminant level of the TCLP regulatory limit.

CHAIN OF CUSTODY RECORD

Specialty Analytical
 11711 SE Capps Road
 Clackamas, OR 97015
 Phone: 503-607-1331
 Fax: 503-607-1336

Contact Person/Project Manager: Merideth D'Andrea
 Company: Maul Foster & Alongi, Inc.
 Address: 2001 400 E. Mill Plain Blvd., Suite 400
Vancouver, WA 98660
 Phone: 360-694-2691 Fax: _____
 Project No: 8006.31.05 Project Name: URIC
 Project Site Location OR WA Other _____
 Invoice to: MFA P.O. No. _____

Collected By: Kelly R. Titkemeier
 Signature: [Signature]
 Printed: Kelly R. Titkemeier
 Signature: Emily Hers
 Printed: Emily Hers

Turn Around Time
 Normal 5-7 Business Days
 Rush _____ Specify _____

Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix	No. of Containers	Analyses	For Laboratory Use	Time
9/7/16	10:21	MW14-090716	GW	5	1,1-DCE cis-1,2-DCE PCE trans-1,2-DCE TCE Vinyl chloride 1,1-DCA 1,2-DCA Chloroethane	Lab Job No. <u>11009073</u> Shipped Via <u>SA</u> Air Bill No. _____ Temperature On Receipt <u>4</u> °C Specialty Analytical Containers? <u>Y/N</u> Specialty Analytical Trip Blanks? <u>Y/N</u>	
	11:05	MW20-090716				Please provide MDL reports.	
	11:50	MW06-090716					
	12:35	MW18-090716					
	14:58	MW17-090716					
	17:18	MW13-090716					
9/8/16	08:45	MW04-090816					
	08:55	MW01-090816					
	10:32	MW09-090816					
	10:43	MW09-090816					
	12:04	MW21-090816					
	12:06	MW03-090816					
Relinquished By: <u>Kelly R. Titkemeier</u>		Date: <u>9/12/16</u>	Time: <u>10:43</u>	Received By: <u>[Signature]</u>	Company: <u>SA</u>	Relinquished By: <u>[Signature]</u>	Company: <u>SA</u>
Company: <u>MFA</u>		Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt. Samples held beyond 60 days subject to storage fee(s)		Received For Lab By: <u>[Signature]</u>		Date: <u>9-12-16</u>	Time: <u>12:47</u>

CHAIN OF CUSTODY RECORD

Specialty Analytical
 11711 SE Capps Road
 Clackamas, OR 97015
 Phone: 503-607-1331
 Fax: 503-607-1336

Contact Person/Project Manager Merideth D'Andrea
 Company Maul Foster & Alongi, Inc.
 Address 400 E. Mill Plain Blvd, Suite 400
Vancouver, WA 98660
 Phone 360-694-2691 Fax _____
 Project No. 8006.31.05 Project Name URIC
 Project Site Location OR WA Other _____
 Invoice To MFA P.O. No. _____

Collected By: Kelly R. Fikemeier
 Signature [Signature]
 Printed Kelly R. Fikemeier
 Signature [Signature]
 Printed Emily Hees

Turn Around Time
 Normal 5-7 Business Days
 Rush _____ Specify _____

Rush Analyses Must Be Scheduled With The Lab In Advance

Date	Time	Sample I.D.	Matrix	No. of Containers	Analyses	For Laboratory Use	
9/8/16	14:49	MW05-090816	GW	5	1,1-DCE CIS-1,2-DCE PCE TRANS-1,2-DCE TCE VINYL CHLORIDE 1,1-DCA 1,2-DCA CHLOROETHANE	Lab Job No. <u>16091673</u> Shipped Via <u>SA</u> Air Bill No. _____ Temperature On Receipt <u>4</u> °C Specialty Analytical Containers? <u>Y/N</u> Specialty Analytical Trip Blanks? <u>Y/N</u>	
	14:49	MW05-090816 - Dup				Comments <u>Please provide MDL reports.</u>	
	15:04	MW07-090816					
	16:55	MW11-090816					
	17:13	MW10-090816					
09/9/16	09:16	MW08-090916					
	11:18	MW16-090916					
	14:19	MW19-090916					
	16:43	MW15-090916					
9/9/16		TRIP BLANK	H2O	2		Added 9-16-16	
Relinquished By: <u>Kelly R. Fikemeier</u> Date: <u>9/16/16</u> Time: <u>10:13</u>					Relinquished By: _____	Date: _____	Time: _____
Company: <u>MFA</u>					Company: <u>MSA</u>	Received For Lab By: <u>MSA</u>	Date: <u>9-12-16</u> Time: <u>12:47</u>

Unless Reclaimed, Samples Will Be Disposed of 60 Days After Receipt.
 Samples held beyond 60 days subject to storage fee(s)

Apex Labs

12232 S.W. Garden Place
Tigard, OR 97223
503-718-2323 Phone
503-718-0333 Fax

Monday, October 6, 2014

Merideth D'Andrea
Maul Foster & Alongi, INC.
2001 NW 19th Ave, STE 200
Portland, OR 97209

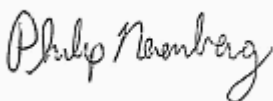
RE: Remedial Investigation / 8006.31.04

Enclosed are the results of analyses for work order A410480, which was received by the laboratory on 9/18/2014 at 11:30:00AM.

Thank you for using Apex Labs. We appreciate your business and strive to provide the highest quality services to the environmental industry.

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: pnerenberg@apex-labs.com, or by phone at 503-718-2323.

Apex Laboratories



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Philip Nerenberg, Lab Director

Maul Foster & Alongi, INC.
2001 NW 19th Ave, STE 200
Portland, OR 97209

Project: **Remedial Investigation**
Project Number: 8006.31.04
Project Manager: Merideth D'Andrea

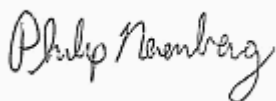
Reported:
10/06/14 13:42

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GP82-S-27.5	A4I0480-01	Soil	09/17/14 10:15	09/18/14 11:30
GP83-S-19.0	A4I0480-02	Soil	09/17/14 11:15	09/18/14 11:30
GP84-S-12.0	A4I0480-03	Soil	09/17/14 12:00	09/18/14 11:30
GP85-S-17.0	A4I0480-04	Soil	09/17/14 13:30	09/18/14 11:30
GP86-S-13.0	A4I0480-05	Soil	09/17/14 14:00	09/18/14 11:30

Apex Laboratories



Philip Nerenberg, Lab Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Maul Foster & Alongi, INC.
 2001 NW 19th Ave, STE 200
 Portland, OR 97209

Project: **Remedial Investigation**
 Project Number: 8006.31.04
 Project Manager: Merideth D'Andrea

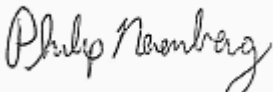
Reported:
 10/06/14 13:42

ANALYTICAL SAMPLE RESULTS

Conventional Chemistry Parameters

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Date Analyzed	Method	Notes
GP82-S-27.5 (A4I0480-01)								
Matrix: Soil								
Batch: 4090510								
Total Organic Carbon	470	---	200	mg/kg	1	09/25/14 13:20	SM 5310B MOD	
GP83-S-19.0 (A4I0480-02)								
Matrix: Soil								
Batch: 4090510								
Total Organic Carbon	330	---	200	mg/kg	1	09/25/14 13:20	SM 5310B MOD	
GP84-S-12.0 (A4I0480-03)								
Matrix: Soil								
Batch: 4090510								
Total Organic Carbon	1300	---	200	mg/kg	1	09/25/14 13:20	SM 5310B MOD	
GP85-S-17.0 (A4I0480-04)								
Matrix: Soil								
Batch: 4090510								
Total Organic Carbon	590	---	200	mg/kg	1	09/25/14 13:20	SM 5310B MOD	
GP86-S-13.0 (A4I0480-05)								
Matrix: Soil								
Batch: 4090510								
Total Organic Carbon	240	---	200	mg/kg	1	09/25/14 13:20	SM 5310B MOD	

Apex Laboratories



The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Philip Nerenberg, Lab Director

Maul Foster & Alongi, INC.
2001 NW 19th Ave, STE 200
Portland, OR 97209

Project: **Remedial Investigation**
Project Number: 8006.31.04
Project Manager: Merideth D'Andrea

Reported:
10/06/14 13:42

Weck Laboratories, Inc

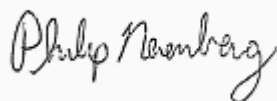
ANALYTICAL SAMPLE RESULTS (Subcontracted)

Conventional Chemistry/Physical Parameters by APHA/EPA/ASTM Methods

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Date Analyzed	Method	Notes
GP82-S-27.5 (A4I0480-01)			Matrix: Soil	Batch: W411282				
Batch: W411282								
% Solids	73.4	---	0.100	% by Weight	1	09/24/14 17:30	EPA 160.3M	
Batch: W411476								
COD, Water Leachable	170	---	6.8	mg/kg dry wt dry	"	09/30/14 08:30	EPA 410.4M	
GP83-S-19.0 (A4I0480-02)			Matrix: Soil	Batch: W411282				
Batch: W411282								
% Solids	75.6	---	0.100	% by Weight	1	09/24/14 17:30	EPA 160.3M	
Batch: W411476								
COD, Water Leachable	18	---	6.6	mg/kg dry wt dry	"	09/30/14 08:30	EPA 410.4M	
GP84-S-12.0 (A4I0480-03)			Matrix: Soil	Batch: W411282				
Batch: W411282								
% Solids	75.6	---	0.100	% by Weight	1	09/24/14 17:30	EPA 160.3M	
Batch: W411476								
COD, Water Leachable	250	---	6.6	mg/kg dry wt dry	"	09/30/14 08:30	EPA 410.4M	
GP85-S-17.0 (A4I0480-04)			Matrix: Soil	Batch: W411282				
Batch: W411282								
% Solids	75.0	---	0.100	% by Weight	1	09/24/14 17:30	EPA 160.3M	
Batch: W411476								
COD, Water Leachable	38	---	6.7	mg/kg dry wt dry	"	09/30/14 08:30	EPA 410.4M	
GP86-S-13.0 (A4I0480-05)			Matrix: Soil	Batch: W411282				
Batch: W411282								
% Solids	76.0	---	0.100	% by Weight	1	09/24/14 17:30	EPA 160.3M	
Batch: W411476								
COD, Water Leachable	ND	---	6.6	mg/kg dry wt dry	"	09/30/14 08:30	EPA 410.4M	

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Philip Nerenberg, Lab Director

Maul Foster & Alongi, INC.
 2001 NW 19th Ave, STE 200
 Portland, OR 97209

Project: **Remedial Investigation**
 Project Number: 8006.31.04
 Project Manager: Merideth D'Andrea

Reported:
 10/06/14 13:42

QUALITY CONTROL (QC) SAMPLE RESULTS

Conventional Chemistry Parameters

Analyte	Result	MDL	Reporting Limit	Units	Dil.	Spike Amount	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4090510 - PSEP TOC						Soil						
Blank (4090510-BLK1)						Prepared: 09/19/14 16:10 Analyzed: 09/25/14 13:20						
SM 5310B MOD												
Total Organic Carbon	ND	---	200	mg/kg	1	---	---	---	---	---	---	---
LCS (4090510-BS1)						Prepared: 09/19/14 16:10 Analyzed: 09/25/14 13:20						
SM 5310B MOD												
Total Organic Carbon	9800	---		mg/kg	1	10000	---	98	85-115%	---	---	---
Duplicate (4090510-DUP1)						Prepared: 09/19/14 16:10 Analyzed: 09/25/14 13:20						
QC Source Sample: GP82-S-27.5 (A410480-01)												
SM 5310B MOD												
Total Organic Carbon	560	---	200	mg/kg	1	---	470	---	---	18	20%	---

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Portland, OR 97209

Project: **Remedial Investigation**
Project Number: 8006.31.04
Project Manager: Merideth D'Andrea

Reported:
10/06/14 13:42

Weck Laboratories, Inc

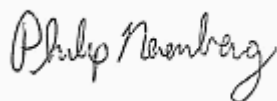
QUALITY CONTROL (QC) SAMPLE RESULTS

Conventional Chemistry/Physical Parameters by APHA/EPA/ASTM Methods

Analyte	Result	MDL	Reporting Limit	Units	Dil.	Spike Amount	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch W4I1282 - General Preparation						Solid						
Duplicate (W4I1282-DUP1)						Prepared: 09/24/14 17:03 Analyzed: 09/24/14 17:30						
QC Source Sample: A4I0480-05 (A4I0480-05)												
EPA 160.3M												
% Solids	76.8	---	0.100	% by Weight	1	---	76.0	---	---	1	20%	
Batch W4I1476 - General Preparation						Solid						
Blank (W4I1476-BLK1)						Prepared: 09/29/14 08:17 Analyzed: 09/30/14 08:30						
EPA 410.4M												
COD, Water Leachable	ND	---	5.0	mg/kg dry wt wet	1	---	---	---	---	---	---	
LCS (W4I1476-BS1)						Prepared: 09/29/14 08:17 Analyzed: 09/30/14 08:30						
EPA 410.4M												
COD, Water Leachable	109	---	5.0	mg/kg dry wt wet	1	100	---	109	90-110%	---	---	
Duplicate (W4I1476-DUP1)						Prepared: 09/29/14 08:17 Analyzed: 09/30/14 08:30						
QC Source Sample: A4I0480-01 (A4I0480-01)												
EPA 410.4M												
COD, Water Leachable	165	---	14	mg/kg dry wt dry	2	---	165	---	---	0.02	15%	
Matrix Spike (W4I1476-MS1)						Prepared: 09/29/14 08:17 Analyzed: 09/30/14 08:30						
QC Source Sample: A4I0480-02 (A4I0480-02)												
EPA 410.4M												
COD, Water Leachable	294	---	13	mg/kg dry wt dry	2	265	17.8	104	90-110%	---	---	
Matrix Spike Dup (W4I1476-MSD1)						Prepared: 09/29/14 08:17 Analyzed: 09/30/14 08:30						
QC Source Sample: A4I0480-02 (A4I0480-02)												
EPA 410.4M												
COD, Water Leachable	295	---	13	mg/kg dry wt dry	2	265	17.8	105	90-110%	0.4	15%	

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Philip Nerenberg, Lab Director

Maul Foster & Alongi, INC.
 2001 NW 19th Ave, STE 200
 Portland, OR 97209

Project: **Remedial Investigation**

Project Number: 8006.31.04

Project Manager: Merideth D'Andrea

Reported:

10/06/14 13:42

SAMPLE PREPARATION INFORMATION

Conventional Chemistry Parameters

Prep: PSEP TOC

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 4090510							
A4I0480-01	Soil	SM 5310B MOD	09/17/14 10:15	09/19/14 16:10	5g/5g	5g/5g	NA
A4I0480-02	Soil	SM 5310B MOD	09/17/14 11:15	09/19/14 16:10	5g/5g	5g/5g	NA
A4I0480-03	Soil	SM 5310B MOD	09/17/14 12:00	09/19/14 16:10	5g/5g	5g/5g	NA
A4I0480-04	Soil	SM 5310B MOD	09/17/14 13:30	09/19/14 16:10	5g/5g	5g/5g	NA
A4I0480-05	Soil	SM 5310B MOD	09/17/14 14:00	09/19/14 16:10	5g/5g	5g/5g	NA

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Project: **Remedial Investigation**
 Project Number: 8006.31.04
 Project Manager: Merideth D'Andrea

Reported:
 10/06/14 13:42

Weck Laboratories, Inc

SAMPLE PREPARATION INFORMATION

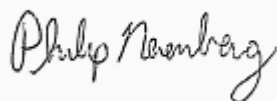
Conventional Chemistry/Physical Parameters by APHA/EPA/ASTM Methods

Prep: General Preparation

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: W411282							
A4I0480-01	Soil	EPA 160.3M	09/17/14 10:15	09/24/14 17:03	1g/1ml	1g/1ml	NA
A4I0480-02	Soil	EPA 160.3M	09/17/14 11:15	09/24/14 17:03	1g/1ml	1g/1ml	NA
A4I0480-03	Soil	EPA 160.3M	09/17/14 12:00	09/24/14 17:03	1g/1ml	1g/1ml	NA
A4I0480-04	Soil	EPA 160.3M	09/17/14 13:30	09/24/14 17:03	1g/1ml	1g/1ml	NA
A4I0480-05	Soil	EPA 160.3M	09/17/14 14:00	09/24/14 17:03	1g/1ml	1g/1ml	NA
Batch: W411476							
A4I0480-01	Soil	EPA 410.4M	09/17/14 10:15	09/29/14 08:17	20.091g/20ml	20g/20ml	1.00
A4I0480-02	Soil	EPA 410.4M	09/17/14 11:15	09/29/14 08:17	20.002g/20ml	20g/20ml	1.00
A4I0480-03	Soil	EPA 410.4M	09/17/14 12:00	09/29/14 08:17	20.005g/20ml	20g/20ml	1.00
A4I0480-04	Soil	EPA 410.4M	09/17/14 13:30	09/29/14 08:17	20.027g/20ml	20g/20ml	1.00
A4I0480-05	Soil	EPA 410.4M	09/17/14 14:00	09/29/14 08:17	20.002g/20ml	20g/20ml	1.00

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Project: **Remedial Investigation**

Project Number: 8006.31.04

Project Manager: Merideth D'Andrea

Reported:
10/06/14 13:42

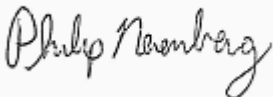
Notes and Definitions

Qualifiers:

Notes and Conventions:

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis. Results listed as 'wet' or without 'dry' designation are not dry weight corrected.
RPD	Relative Percent Difference
MDL	If MDL is not listed, data has been evaluated to the Method Reporting Limit only.
WMSC	Water Miscible Solvent Correction has been applied to Results and MRLs for volatiles soil samples per EPA 8000C.
Batch QC	In cases where there is insufficient sample provided for Sample Duplicates and/or Matrix Spikes, a Lab Control Sample Duplicate (LCS Dup) is analyzed to demonstrate accuracy and precision of the extraction and analysis.
Blank Policy	<p>Apex assesses blank data for potential high bias down to a level equal to ½ the method reporting limit (MRL), except for conventional chemistry and HCID analyses which are assessed only to the MRL. Sample results flagged with a B or B-02 qualifier are potentially biased high if they are less than ten times the level found in the blank for inorganic analyses or less than five times the level found in the blank for organic analyses.</p> <p>For accurate comparison of volatile results to the level found in the blank; water sample results should be divided by the dilution factor, and soil sample results should be divided by 1/50 of the sample dilution to account for the sample prep factor.</p> <p>Results qualified as reported below the MRL may include a potential high bias if associated with a B or B-02 qualified blank. B and B-02 qualifications are not applied to J qualified results reported below the MRL.</p>
---	QC results are not applicable. For example, % Recoveries for Blanks and Duplicates, % RPD for Blanks, Blank Spikes and Matrix Spikes, etc.
***	Used to indicate a possible discrepancy with the Sample and Sample Duplicate results when the %RPD is not available. In this case, either the Sample or the Sample Duplicate has a reportable result for this analyte, while the other is Non Detect (ND).

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Philip Nerenberg, Lab Director

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Maul Foster & Alongi, INC.
2001 NW 19th Ave, STE 200
Portland, OR 97209

Project: **Remedial Investigation**
Project Number: 8006.31.04
Project Manager: Merideth D'Andrea

Reported:
10/06/14 13:42

Lab # **AY10480** coc 1 of 1

CHAIN OF CUSTODY

APEX LABS

12232 S.W. Garden Place, Tigard, OR 97223 PH: 503-718-2323 Fax: 503-718-0333

Company: **Maul Foster & Alongi, Inc.** Project Mgr: **Merideth D'Andrea** Project Name: **Remedial Investigation** Project # **8006.31.04**
 Address: **400 E. Mill Plain Blvd #400 Vancouver, WA 98661** Phone: **360-694-2691** Fax: **360-694-2691** Email: **ms.dandrea@maulfooster.com**
 Sampled by: **SHARLENE HARVEY**

SAMPLE ID	LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS	ANALYSIS REQUEST	
						YES	NO
GP82-S-27.6		9/17	1015	S	1		TOC
GP83-S-19.0		9/17	1115	S	1		TOC
GP84-S-12.0		9/17	1200	S	1		TOC
GP85-S-17.0		9/17	1330	S	1		TOC
GP86-S-13.0		9/17	1400	S	1		TOC

Site Location: OR (WA)
 Other: _____

Normal Turn Around Time (TAT) is 7-10 Business Days

TAT Requested (circle): 1 Day 2 Day 3 Day 4 DAY 5 DAY Other: _____

RECEIVED BY: **SHARLENE HARVEY** Date: **9/18** Signature: *[Signature]*
 RELINQUISHED BY: **SHARLENE HARVEY** Date: **9-18-14** Signature: *[Signature]*
 Printed Name: **SHARLENE HARVEY** Printed Name: **Sharon Harvey**
 Company: **MFA** Company: **MFA**

Apex Laboratories

Philip Nerenberg

Philip Nerenberg, Lab Director

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APPENDIX E

DATA VALIDATION MEMORANDUMS



DATA QUALITY ASSURANCE/QUALITY CONTROL REVIEW

PROJECT NO. 8006.31.01 | DECEMBER 3, 2018 | UNION RIDGE INVESTMENT COMPANY

This report reviews the analytical results for reconnaissance soil and groundwater samples collected by the Maul Foster & Alongi, Inc. (MFA) project team on the Union Ridge Investment Company site located at 122 N. Main Avenue in Ridgefield, Washington. The samples were collected in March, 2010.

Specialty Analytical (SA), in Clackamas, Oregon performed the analyses. SA report numbers 1003038rev2, 1003041rev1, 1003049rev1, 1003075rev1, 1003144rev1, and 1003196rev1 were reviewed. The analyses performed are listed below.

Analysis	Reference
Volatile organic compounds (VOCs)	USEPA 8260B

USEPA = U.S. Environmental Protection Agency.

DATA QUALIFICATIONS

Analytical results were evaluated according to applicable sections of USEPA procedures (USEPA, 2014), and appropriate laboratory and method-specific (SA, 2010; USEPA, 1986).

In report 1003038rev2, some USEPA Method 8260B results exceeded upper instrument calibration ranges. Results were qualified by the reviewer with “J” as estimated.

Report	Sample	Component	Original Result (ug/kg)	Qualified Result (ug/kg)
1003038rev2	GP52-S-12.5	1,1,2-Trichloroethane	266 E	266 J
1003038rev2	GP56-S-0.5	Acetone	471 E	471 J

E = the result exceeds the upper instrument calibration range.
 J = the result is an estimated value.
 ug/kg = micrograms per kilogram.

The data are considered acceptable for their intended use, with the appropriate data qualifiers assigned.

HOLDING TIMES, PRESERVATION, AND SAMPLE STORAGE

Holding Times

In report 1003038rev2, samples GP54-S-0.5, GP54-S-5.0, GP56-S-0.5, and GP56-S-5.0 were analyzed for USEPA Method 8260B 6 days after the 14 day holding time, due to request for analysis after the holding time had been exceeded. Associated detected sample results were qualified by the reviewer, with “J” for detected results and “UJ” for non-detect results.

Report	Sample	Component	Original Results	Qualified Results
1003038rev2	GP54-S-0.5	VOCs	Detect	J
			Non-detect	UJ
	GP54-S-5.0	VOCs	Detect	J
			Non-detect	UJ
	GP56-S-0.5	VOCs	Detect	J
			Non-detect	UJ
	GP56-S-5.0	VOCs	Detect	J
			Non-detect	UJ

In report 1003049rev1, sample B8-S-16.5 was analyzed for USEPA Method 8260B tetrachloroethene 1 day after the 14 day recommended holding time. The result was qualified by the reviewer with “J” as estimated.

Report	Sample	Component	Original Results (ug/L)	Qualified Results (ug/L)
1003049rev1	B8-S-16.5	Tetrachloroethene	4370	4370 J

Remaining extractions and analyses were performed within the recommended holding time criteria.

Preservation and Sample Storage

The samples were preserved and stored appropriately.

BLANKS

Method Blanks

Laboratory method blank analyses were performed at the required frequencies.

In report 1003038rev2, the USEPA Method 8260B batch 25116 method blank had a detection of naphthalene above the reporting limit of 1.00 micrograms per liter (ug/L), at 3.55 ug/L. Associated sample results less than five times the method blank concentration were qualified by the reviewer with “U” as non-detect at the reported values.

Report	Sample	Component	Original Result (ug/L)	Qualified Result (ug/L)
1003038rev2	GP44-W-13.0	Naphthalene	1.62 B	1.62 U
1003038rev2	GP41-W-12.5	Naphthalene	1.38 B	1.38 U
1003038rev2	GP52-W-12.5	Naphthalene	1.51 B	1.51 U

In reports 1003049rev1 and 1003075rev1, the USEPA Method 8260B batch 25158 method blank had a detection of bromochloromethane above the reporting limit of 10.0 ug/L, at 10.64 ug/L. All associated samples were non-detect; thus, no results were qualified.

All remaining method blanks were non-detect for all target analytes to method reporting limits.

Continuing Calibration Blanks

CCBs were provided for some analyses.

In reports 1003038rev2 and 1003049rev1, the USEPA Method 8260B CCB analyzed on 3/12/2010 had a detection for benzene above the reporting limit, at 0.43 ug/L. In report 1003049rev1, sample GP60-W-14.5 had a detection of benzene above the reporting limit, at 0.450 ug/L that was analyzed on the same day. Remaining samples associated with the CCB did not report benzene; thus, no additional data qualifications were made.

In report 1003049rev1, the USEPA Method 8260B CCB analyzed on 3/12/2010 had a detection of benzene above the reporting limit of 0.300 ug/L, at 0.43 ug/L. An associated sample analyzed on 3/12/2010 was qualified by the reviewer with “U” as non-detect in the following table.

Report	Sample	Component	Original Result (µg/L)	Qualified Result (µg/L)
1003049rev1	GP60-W-14.5	Benzene	0.450	0.450 U

All remaining CCBs were non-detect.

Trip Blanks

Trip blanks were submitted with samples for reports 1003038rev2, 1003049rev1, 1003075rev1, and 1003196rev1, and analyzed for USEPA Method 8260B. The trip blanks were non-detect for all target analytes.

Equipment Rinsate Blanks

Equipment blanks were submitted for USEPA Method 8260B analysis with samples for reports 1003144rev1 and 1003196rev1. The equipment blanks were non-detect for all target analytes.

SURROGATE RECOVERY RESULTS

The samples were spiked with surrogate compounds to evaluate laboratory performance on individual samples. Surrogate percent recovery exceedances between 70% and 130% were considered minor and were not qualified by the reviewer. Batch quality control surrogate percent recovery exceedances were not qualified.

In report 1003038rev2, USEPA Method 8260B surrogates 1,2-dichloroethane-d4, dibromofluoromethane, and toluene-d8 exceeded upper percent recovery acceptance limits for sample GP50-S-12.5, at 162%, 146%, and 139%, respectively. Associated sample results were non-detect; thus, no results were qualified.

In report 1003049rev1, the USEPA Method 8260B surrogate 1,2-dichloroethane-d4 exceeded the upper percent recovery acceptance limit for samples GP33-S-0.5 (137%), GP38-S-0.5 (133%), GP26-S-11.0 (134%), GP30-S-0.5 (131%), and GP30-S-5.0 (133%). Remaining surrogate results were within percent recovery acceptance limits; thus, no results were qualified.

All remaining surrogate recoveries were within acceptance limits.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS

MS/MSD results are used to evaluate laboratory precision and accuracy. All MS/MSD samples were extracted and analyzed at the required frequency. MS/MSD percent recovery exceedances between 70% and 130% were considered minor and were not qualified by the reviewer.

All remaining MS/MSD results were within acceptance limits for percent recovery and relative percent differences (RPDs).

LABORATORY DUPLICATE RESULTS

Duplicate results are used to evaluate laboratory precision. All duplicate samples were extracted and analyzed at the required frequency. All RPDs were within acceptance limits.

LABORATORY CONTROL SAMPLE RESULTS

An LCS is spiked with target analytes to provide information on laboratory accuracy. The LCS samples were extracted and analyzed at the required frequency. LCS percent recovery exceedances between 70% and 130% were considered minor and were not qualified by the reviewer.

All remaining LCS results were within acceptance limits for percent recovery.

FIELD DUPLICATE RESULTS

Field duplicate samples measure both field and laboratory precision. Field duplicates were submitted for analysis with report 1003038rev2 (GP28-W-14.0/GP28W-14.0-DUP) and 1003144rev1 (B9-W-75.0/B9-W-75.0 DUP) was submitted for analysis. MFA uses acceptance criteria of 100 percent RPD for results that are less than five times the MRL, or 50 percent RPD for results that are greater than five times the MRL. Non-detect data are not used in the evaluation of field duplicate results. Analytes were within the acceptance criteria with the following exceptions in the table below.

CONTINUING CALIBRATION VERIFICATION RESULTS

Continuing calibration verification (CCV) results are used to demonstrate instrument precision and accuracy through the end of the sample batch. All CCVs were within acceptance limits for percent recovery.

REPORTING LIMITS

SA used routine reporting limits for non-detect results, except for samples requiring dilutions because of high analyte concentrations and/or matrix interferences.

DATA PACKAGE

The data package was reviewed for transcription errors, omissions, and anomalies.

In report 1003049rev1, the trip blank was not recorded on the chain of custody. No action was required by the reviewer.

In report 1003196rev1, samples B10-S-50.0 and B11-S-82.0 were not recorded on the chain of custody prior to submittal to the laboratory. The laboratory noted on the chain of custody that the samples were submitted on hold. No action was required by the reviewer.

No additional issues were found.

REFERENCES

- SA. 2010. Quality assurance manual. Specialty Analytical, Clackamas, Oregon.
- USEPA. 1986. Test methods for evaluating solid waste: physical/chemical methods. EPA-530/SW-846. U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response. September (update 1, July 1992; update 2a, August 1993; update 2, September 1994; update 2b, January 1995).
- USEPA. 2014. USEPA contract laboratory program, national functional guidelines for Superfund organic methods data review. EPA 540/R-014/002. U.S. Environmental Protection Agency, Office of Superfund Remediation and Technology Innovation. August.

DATA QUALITY ASSURANCE/QUALITY CONTROL REVIEW

PROJECT NO. 8006.31.01 | DECEMBER 3, 2018 | UNION RIDGE INVESTMENT COMPANY

This report reviews the analytical results for soil gas samples collected by the Maul Foster & Alongi, Inc. (MFA) project team on the Union Ridge Investment Company site located at 122 N. Main Avenue in Ridgefield, Washington. The samples were collected in March, 2010.

Air Toxics Ltd. (AT), in Folsom, California performed the analyses. AT report number 1003288 was reviewed. The analyses performed are listed below.

Analysis	Reference
Chlorinated volatile organic compounds (cVOCs)	USEPA TO-15 SIM Modified/Full scan

SIM = selected ion monitoring.
USEPA = U.S. Environmental Protection Agency.

DATA QUALIFICATIONS

Analytical results were evaluated according to applicable sections of USEPA procedures (USEPA, 2014), and appropriate laboratory and method-specific guidelines (AT, 2010; USEPA, 1986, 1999).

The data are considered acceptable for their intended use, with the appropriate data qualifiers assigned.

HOLDING TIMES, PRESERVATION, AND SAMPLE STORAGE

Holding Times

Analyses were performed within the recommended holding time criteria.

Preservation and Sample Storage

The samples were preserved and stored appropriately.

BLANKS

Method Blanks

Laboratory method blank analyses were performed at the required frequencies. All method blanks were non-detect for all target analytes to method reporting limits.

Trip Blanks

Trip blanks were not submitted for analysis. Trip blanks are not required for USEPA Method TO-15 SIM modified/full scan.

SURROGATE RECOVERY RESULTS

The samples were spiked with surrogate compounds to evaluate laboratory performance on individual samples. All surrogate recoveries were within percent recovery acceptance limits.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS

MS/MSD results are used to evaluate laboratory precision and accuracy. MS/MSDs are not required for soil vapor methods, so they were not analyzed for these reports.

LABORATORY DUPLICATE RESULTS

Duplicate results are used to evaluate laboratory precision. AT did not report laboratory duplicate RPD results. The reviewer confirmed that detected laboratory duplicate results had acceptable RPDs.

Sample	Component	Field Sample Result (ug/m3)	Laboratory Duplicate Result (ug/m3)	RPD (%)
SG9-3.5	Vinyl chloride	0.094	0.084	11.2
SG9-3.5	Tetraachloroethene	3.5	3.4	2.9

LABORATORY CONTROL SAMPLE RESULTS

An LCS is spiked with target analytes to provide information on laboratory accuracy. The LCS samples were extracted and analyzed at the required frequency. All LCS results were within acceptance limits for percent recovery.

CCV RESULTS

Continuing calibration verification (CCV) results are used to demonstrate instrument precision and accuracy through the end of the sample batch. All CCVs were within acceptance limits for percent recovery.

REPORTING LIMITS

AT used the target RLs for non-detect results. Samples requiring dilutions because of high analyte concentrations and/or matrix interferences had elevated RLs. Most RLs were elevated because of canister dilution caused by residual canister vacuum.

DATA PACKAGE

The data package was reviewed for transcription errors, omissions, and anomalies.

In report 1003288, AT issued the laboratory report with the chain of custody as a separate file.

In report 1003288, the sample collection date for SG4-3.5 was recorded as 3/10 on the chain of custody. The sample collection date was correctly reported by AT as 3/10/10.

No additional issues were found.

REFERENCES

- AT. 2010. Quality Assurance Manual. Eurofins Air Toxics, Inc. Folsom, California.
- USEPA. 1986. Test methods for evaluating solid waste: physical/chemical methods. EPA-530/SW-846. U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response. September (update 1, July 1992; update 2a, August 1993; update 2, September 1994; update 2b, January 1995).
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DATA QUALITY ASSURANCE/QUALITY CONTROL REVIEW

PROJECT NO. 8006.31.01 | DECEMBER 3, 2018 | UNION RIDGE INVESTMENT COMPANY

This report reviews the analytical results for groundwater samples collected by the Maul Foster & Alongi, Inc., project team on the Union Ridge Investment Company site located at 122 N. Main Avenue in Ridgefield, Washington. The samples were collected in October 2010.

Specialty Analytical (SA), in Clackamas, Oregon, performed the analyses. SA report number 1010138 was reviewed. The analyses performed are listed below.

Analysis	Reference
Volatile organic compounds	USEPA 8260B

USEPA = U.S. Environmental Protection Agency.

DATA QUALIFICATIONS

Analytical results were evaluated according to applicable sections of USEPA procedures (USEPA, 1999), and appropriate laboratory and method-specific guidelines (SA, 2010; USEPA, 1986).

The data are considered acceptable for their intended use, with the appropriate data qualifiers assigned.

HOLDING TIMES, PRESERVATION, AND SAMPLE STORAGE

Holding Times

Extractions and analyses were performed within the recommended holding time criteria.

Preservation and Sample Storage

The samples were preserved and stored appropriately.

BLANKS

Method Blanks

Laboratory method blank analyses were performed at the required frequencies. No analytes were detected above the reporting limits in the method blanks.

Trip Blanks

Trip blanks were not submitted for this sampling event.

Equipment Rinse Blanks

Equipment rinse blanks were not required for this sampling event, as all samples were collected using dedicated, single-use equipment.

SURROGATE RECOVERY RESULTS

The samples were spiked with surrogate compounds to evaluate laboratory performance on individual samples. All surrogate recoveries were within acceptance limits.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS

Matrix spike/matrix spike duplicate (MS/MSD) results are used to evaluate laboratory precision and accuracy. All MS/MSD samples were extracted and analyzed at the required frequency. All recoveries were within acceptance limits for percent recovery and relative percent differences (RPDs).

LABORATORY DUPLICATE RESULTS

Duplicate results are used to evaluate laboratory precision. All duplicate samples were extracted and analyzed at the required frequency. All RPDs were within acceptance limits.

LABORATORY CONTROL SAMPLE RESULTS

A laboratory control sample (LCS) is spiked with target analytes to provide information on laboratory accuracy. The LCS samples were extracted and analyzed at the required frequency. All LCS analytes were within acceptance limits for percent recovery.

REPORTING LIMITS

SA used routine reporting limits for non-detect results, except for samples requiring dilutions because of high analyte concentrations and/or matrix interferences.

DATA PACKAGE

The data package was reviewed for transcription errors, omissions, and anomalies. None were found.

REFERENCES

- SA. 2010. Quality assurance manual. Specialty Analytical, Clackamas, Oregon.
- USEPA. 1986. Test methods for evaluating solid waste: physical/chemical methods. EPA-530/SW-846. U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response. September (update 1, July 1992; update 2a, August 1993; update 2, September 1994; update 2b, January 1995).
- USEPA. 1999. USEPA contract laboratory program, national functional guidelines for organics data review. EPA 540/R-99/008. U.S. Environmental Protection Agency, Office of Emergency and Remedial Response. October.

DATA QUALITY ASSURANCE/QUALITY CONTROL REVIEW

PROJECT NO. 8006.31.01 | DECEMBER 3, 2018 | UNION RIDGE INVESTMENT COMPANY

This report reviews the analytical results for groundwater samples collected by the Maul Foster & Alongi, Inc., project team on the Union Ridge Investment Company site located at 122 N. Main Avenue in Ridgefield, Washington. The samples were collected in June 2011.

Specialty Analytical (SA), in Clackamas, Oregon, performed the analyses. SA report numbers 1106146, 1106174, and 1106182 and Air Toxics Ltd. (ATL) report number 1106496_d were reviewed. The analyses performed are listed below.

Analysis	Reference
Volatile organic compounds	USEPA 8260B
Volatile organic compounds in air	USEPA TO-17

USEPA = U.S. Environmental Protection Agency.

DATA QUALIFICATIONS

Analytical results were evaluated according to applicable sections of USEPA procedures (USEPA, 2008), and appropriate laboratory and method-specific guidelines (ATL, 2011; SA, 2010; USEPA, 1986).

The data are considered acceptable for their intended use, with the appropriate data qualifiers assigned.

HOLDING TIMES, PRESERVATION, AND SAMPLE STORAGE

Holding Times

Extractions and analyses were performed within the recommended holding time criteria.

Preservation and Sample Storage

The samples were preserved and stored appropriately.

BLANKS

Method Blanks

Laboratory method blank analyses were performed at the required frequencies. No analytes were detected above the reporting limits in the method blanks.

Trip Blanks

Trip blanks were not submitted for this sampling event.

Equipment Rinsate Blanks

Equipment rinsate blanks were not required for this sampling event, as all samples were collected using dedicated, single-use equipment.

SURROGATE RECOVERY RESULTS

The samples were spiked with surrogate compounds to evaluate laboratory performance on individual samples. ATL sample 1106496-01A had a high surrogate recovery, but all of the analytes were non-detects. All other surrogate recoveries were within acceptance limits.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS

Matrix spike/matrix spike duplicate (MS/MSD) results are used to evaluate laboratory precision and accuracy. All MS/MSD samples were extracted and analyzed at the required frequency. All recoveries were within acceptance limits for percent recovery and relative percent differences.

LABORATORY CONTROL SAMPLE RESULTS

A laboratory control sample (LCS) is spiked with target analytes to provide information on laboratory accuracy. The LCS samples were extracted and analyzed at the required frequency. All LCS analytes were within acceptance limits for percent recovery.

REPORTING LIMITS

SA and ATL used routine reporting limits for non-detect results, except for samples requiring dilutions because of high analyte concentrations and/or matrix interferences.

DATA PACKAGE

The data packages were reviewed for transcription errors, omissions, and anomalies. None were found.

REFERENCES

- ATL. 2011. Quality assurance manual. Air Toxics Ltd., Folsom, California.
- SA. 2010. Quality assurance manual. Specialty Analytical, Clackamas, Oregon.
- USEPA. 1986. Test methods for evaluating solid waste: physical/chemical methods. EPA-530/SW-846. U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response. September (update 1, July 1992; update 2a, August 1993; update 2, September 1994; update 2b, January 1995).
- USEPA. 2008. USEPA contract laboratory program, national functional guidelines for organics data review. EPA 540/R-08/01. U.S. Environmental Protection Agency, Office of Emergency and Remedial Response. June.

DATA QUALITY ASSURANCE/QUALITY CONTROL REVIEW

PROJECT NO. 8006.31.01 | DECEMBER 3, 2018 | UNION RIDGE INVESTMENT COMPANY

This report reviews the analytical results for groundwater samples collected by the Maul Foster & Alongi, Inc. project team on the Union Ridge Investment Company site at 122 N. Main Avenue in Ridgefield, Washington. The samples were collected in March 2012.

Specialty Analytical (SA), in Clackamas, Oregon, performed the analyses. SA report numbers 1203120rev1, 1203158rev1, and 1203167rev1 were reviewed. The analyses performed are listed below.

Analysis	Reference
Volatile organic compounds (PCE, TCE, and breakdown products)	USEPA 8260B

PCE = tetrachloroethene.

TCE = trichloroethene.

USEPA = U.S. Environmental Protection Agency.

DATA QUALIFICATIONS

Analytical results were evaluated according to applicable sections of USEPA procedures (USEPA, 2008), and appropriate laboratory and method-specific guidelines (SA, 2012; USEPA, 1986).

The data are considered acceptable for their intended use, with the appropriate data qualifiers assigned.

HOLDING TIMES, PRESERVATION, AND SAMPLE STORAGE

Holding Times

Extractions and analyses were performed within the recommended holding time criteria.

Preservation and Sample Storage

The samples were preserved and stored appropriately.

BLANKS

Method Blanks

Laboratory method blank analyses were performed at the required frequencies. No target analytes were detected in the method blanks above the method detection limits (MDLs).

Trip Blanks

Trip blanks were not submitted for this sampling event.

Equipment Rinsate Blanks

Equipment rinsate blanks were not required for this sampling event, as all samples were collected using dedicated, single-use equipment.

SURROGATE RECOVERY RESULTS

The samples were spiked with surrogate compounds to evaluate laboratory performance on individual samples. All surrogate recoveries were within acceptance limits.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS

MS/MSD results are used to evaluate laboratory precision and accuracy. All MS/MSD samples were extracted and analyzed at the required frequency. All recoveries were within acceptance limits for percent recovery and relative percent differences.

LABORATORY CONTROL SAMPLE RESULTS

An LCS is spiked with target analytes to provide information on laboratory accuracy. The LCS samples were extracted and analyzed at the required frequency. All LCS analytes were within acceptance limits for percent recovery.

REPORTING LIMITS

As the client requested, SA used MDLs for non-detect results.

DATA PACKAGE

The data packages were reviewed for transcription errors, omissions, and anomalies. None were found.

REFERENCES

- SA. 2012. Quality assurance manual. Specialty Analytical, Clackamas, Oregon.
- USEPA. 1986. Test methods for evaluating solid waste: physical/chemical methods. EPA-530/SW-846. U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response. September (revision 6, February 2007).
- USEPA. 2008. USEPA contract laboratory program, national functional guidelines for organics data review. EPA 540/R-08/01. U.S. Environmental Protection Agency, Office of Emergency and Remedial Response. June.

DATA QUALITY ASSURANCE/QUALITY CONTROL REVIEW

PROJECT NO. 8006.31.02 | DECEMBER 3, 2018 | UNION RIDGE INVESTMENT COMPANY

This report reviews the analytical results for groundwater samples collected by the Maul Foster & Alongi, Inc. project team on the Union Ridge Investment Company site located at 122 N Main Avenue in Ridgefield, Washington. The samples were collected in June 2012.

Specialty Analytical (SA) performed the analyses. SA report numbers 1206153 and 1206179 were reviewed. The analyses performed are listed below.

Analysis	Reference
Low-level volatile organic compounds	USEPA 8260B

USEPA = U.S. Environmental Protection Agency.

DATA QUALIFICATIONS

Analytical results were evaluated according to applicable sections of USEPA procedures (USEPA, 2008) and appropriate method-specific guidelines (USEPA, 1986).

The data are considered acceptable for their intended use, with the appropriate data qualifiers assigned.

In report 1206153, the tetrachloroethene result for sample MW15-061912 by USEPA Method 8260B was qualified “J,” as estimated, because of high surrogate recoveries.

HOLDING TIMES, PRESERVATION, AND SAMPLE STORAGE

Holding Times

Extractions and analyses were performed within the recommended holding time criteria.

Preservation and Sample Storage

The samples were preserved and stored appropriately. Temperature on receipt was not recorded on the chain of custody for report 1206179.

BLANKS

Method Blanks

Laboratory method blank analyses were performed at the required frequencies. For purposes of data qualification, the method blanks were associated with all samples prepared in the analytical batch. All laboratory method blanks were non-detect.

Trip Blanks

Trip blanks were submitted for all sample groups. The trip blanks were analyzed for volatile organic compounds, using USEPA Method 8260B. The trip blanks were non-detect for all analytes.

Equipment Rinsate Blanks

Equipment rinsate blanks were not required for this sampling event, as all samples were collected using dedicated, single-use equipment.

SURROGATE RECOVERY RESULTS

The samples were spiked with surrogate compounds to evaluate laboratory performance on individual samples.

The laboratory appropriately documented and qualified surrogate outliers. The reviewer took no action based on minor surrogate outliers or surrogate percent recoveries that were outside of acceptance limits because of dilutions necessary to quantify high concentrations of target analytes present in the samples, or because of matrix interferences that prevented accurate quantitation of surrogate recovery.

In report 1206153, USEPA Method 8260B surrogates 1,2-dichloroethane-d4, 4-bromofluorobenzene, and dibromofluoromethane were above the upper acceptance limits for sample MW15-061912. Dibromofluoromethane was additionally flagged as an estimate, as it was above the instrument calibration. The sample was non-detect for all analytes except tetrachloroethene, which has been qualified as an estimate in the following table:

Sample	Component	Original Result (µg/L)	Qualified Result (µg/L)
MW15-061912	Tetrachloroethene	9.84	9.84 J

µg/L = micrograms per liter.

In report 1206153, USEPA Method 8260B surrogates 1,2-dichloroethane-d4 and dibromofluoromethane for the method blank were slightly below the lower acceptance limit. The laboratory control sample (LCS), matrix spike (MS), and matrix spike duplicate (MSD) associated with this method blank were within acceptance limits for all surrogates, so the data were not qualified. The continuing calibration blank (CCB) analyzed on June 25, 2012, was above acceptance limits for 1,2-dichloroethane-d4, 4-bromofluorobenzene, and dibromofluoromethane. All CCB analytes were non-detect, so the data were not qualified.

All remaining surrogate recoveries were within acceptance limits.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS

MS/MSD results are used to evaluate laboratory precision and accuracy. All MS/MSD samples were extracted and analyzed at the required frequency. In cases of MS/MSD exceedances, the laboratory appropriately documented and qualified the outliers. Various recovery results were outside acceptance limits because of one or more of the following:

- The analyte concentration in the sample was significantly higher than the added spike concentration, preventing accurate evaluation of the spike recovery.
- Matrix interferences prevented accurate quantitation of the spike recovery.

LABORATORY DUPLICATE RESULTS

Duplicate results are used to evaluate laboratory precision. No laboratory duplicate samples were analyzed.

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RESULTS

An LCS and laboratory control sample duplicate (LCSD) are spiked with target analytes to provide information on laboratory precision and accuracy. The LCS/LCSD samples were extracted and analyzed at the required frequency. All LCS/LCSD analytes were within acceptance limits for percent recovery.

FIELD DUPLICATE RESULTS

Field duplicate samples measure both field and laboratory precision. No field duplicate samples were submitted.

CONTINUING CALIBRATION VERIFICATION RESULTS

Continuing calibration verification (CCV) results are used to demonstrate instrument precision and accuracy through the end of the sample batch. For report 1206153, the CCVs from June 22, 2012, and June 25, 2012, were both above acceptance limits for several analytes. The samples associated with these CCVs were non-detect for these analytes, so the data were not qualified.

In report 1206179, USEPA Method 8260B, the CCV is above the upper acceptance limit for vinyl chloride. The laboratory appropriately documented this exceedance. All samples are non-detect for vinyl chloride, so the results were not qualified.

REPORTING LIMITS

SA used routine reporting limits for non-detect results, except for samples requiring dilutions because of high analyte concentrations and/or matrix interferences.

DATA PACKAGE

The data packages were reviewed for transcription errors, omissions, and anomalies. The chain of custody for report 1206153 does not have recorded trip blank information. No additional issues were found. The chain of custody for 1206179 has an incorrect trip blank collection date of May 29, 2012. The collection date is shown correctly on the report as June 21, 2012.

REFERENCES

- USEPA. 1986. Test methods for evaluating solid waste: physical/chemical methods. EPA-530/SW-846. U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response. September (revision 6, February 2007).
- USEPA. 2008. USEPA contract laboratory program, national functional guidelines for organics data review. EPA 540/R-08/01. U.S. Environmental Protection Agency, Office of Emergency and Remedial Response. June.

DATA QUALITY ASSURANCE/QUALITY CONTROL REVIEW

PROJECT NO. 8006.31.02 | DECEMBER 3, 2018 | UNION RIDGE INVESTMENT COMPANY

This report reviews the analytical results for groundwater samples collected by the Maul Foster & Alongi, Inc. (MFA) project team on the Union Ridge Investment Company site located at 122 N Main Avenue in Ridgefield, Washington. The samples were collected in October 2012.

Specialty Analytical (SA) performed the analyses. SA report number 1210059rev1 was reviewed. The analyses performed are listed below.

Analysis	Reference
Volatile organic compounds	USEPA 8260B

USEPA = U.S. Environmental Protection Agency.

DATA QUALIFICATIONS

Analytical results were evaluated according to applicable sections of USEPA procedures (USEPA, 2008) and appropriate laboratory and method-specific guidelines (SA, 2012; USEPA, 1986).

Results for tetrachloroethene (PCE) for samples MW05-100412 and MWDUP-100412 were qualified with a “J,” as estimated, because of field duplicate relative percent difference (RPD) exceedances.

The data are considered acceptable for their intended use, with the appropriate data qualifiers assigned.

HOLDING TIMES, PRESERVATION, AND SAMPLE STORAGE

Holding Times

Extractions and analyses were performed within the recommended holding time criteria.

Preservation and Sample Storage

The samples were preserved and stored appropriately.

BLANKS

Method Blanks

Laboratory method blank analyses were performed at the required frequencies. For purposes of data qualification, the method blank was associated with all samples prepared in the analytical batch. Naphthalene was detected in the method blank. All samples were non-detect for naphthalene, so no data qualifications were made.

Trip Blanks

A trip blank (Trip Blank_100512) was submitted for this sampling event. The trip blank was non-detect.

Equipment Rinsate Blanks

Equipment rinsate blanks were not required for this sampling event, as all samples were collected using dedicated, single-use equipment.

Continuing Calibration Blanks

Naphthalene was detected in the provided continuing calibration blank. The associated samples were non-detect for naphthalene, so no data qualifications were made.

SURROGATE RECOVERY RESULTS

The samples were spiked with surrogate compounds to evaluate laboratory performance on individual samples.

The reviewer took no action based on minor surrogate outliers. The laboratory appropriately documented and qualified surrogate outliers. Associated batch quality assurance/quality control for samples with surrogate outliers was within acceptance limits. All remaining surrogate recoveries were within acceptance limits.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS

MS/MSD results are used to evaluate laboratory precision and accuracy. All MS/MSD samples were extracted and analyzed at the required frequency. All recoveries were within acceptance limits for percent recovery and RPDs.

LABORATORY DUPLICATE RESULTS

Duplicate results are used to evaluate laboratory precision. All duplicate samples were extracted and analyzed at the required frequency. All RPDs were within acceptance limits.

LABORATORY CONTROL SAMPLE RESULTS

An LCS is spiked with target analytes to provide information on laboratory precision and accuracy. An LCS sample was extracted and analyzed at the required frequency. All recoveries were within acceptance limits for percent recovery.

FIELD DUPLICATE RESULTS

Field duplicate samples measure both field and laboratory precision. One field duplicate was submitted for analysis (MW05-100412/MWDUP-100412). MFA uses acceptance criteria of 100 percent RPD for results that are less than five times the method reporting limit (MRL), or 50 percent RPD for results that are greater than five times the MRL. Non-detect data are not used in the evaluation of field duplicate results. All analytes were within the acceptance criteria except for PCE, which was qualified with a “J,” as estimated, for these two samples.

Component	Field Sample Result (µg/L)	Field Duplicate Result (µg/L)	% RPD
PCE	2400	1400	53

µg/L = micrograms per liter.

CONTINUING CALIBRATION VERIFICATION RESULTS

CCV results are used to demonstrate instrument precision and accuracy through the end of the sample batch. All recoveries were within acceptance limits.

REPORTING LIMITS

SA used routine reporting limits for non-detect results.

DATA PACKAGE

The data packages were reviewed for transcription errors, omissions, and anomalies.

The chain of custody for work order 1210059 requests PCE, trichloroethene, and associated breakdown products, but the full list of USEPA Method 8260B analytes was reported. The full list was requested by the project manager after the samples were received by the laboratory.

SA originally issued report 1210059, which was revised to include method detection limits and reissued as 1210059rev1.

No additional issues were found.

REFERENCES

- SA. 2012. Quality assurance manual. Specialty Analytical, Inc. Clackamas, Oregon.
- USEPA. 1986. Test methods for evaluating solid waste: physical/chemical methods. EPA-530/SW-846. U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response. September (revision 6, February 2007).
- USEPA. 2008. USEPA contract laboratory program, national functional guidelines for organics data review. EPA 540/R-08/01. U.S. Environmental Protection Agency, Office of Emergency and Remedial Response. June.

DATA QUALITY ASSURANCE/QUALITY CONTROL REVIEW

PROJECT NO. 8006.31.02 | DECEMBER 3, 2018 | FORMER PARK LAUNDRY
SITE

This report reviews the analytical results for groundwater samples collected by the Maul Foster & Alongi, Inc. (MFA) project team on the former Park Laundry site located at 122 N Main Avenue in Ridgefield, Washington. The samples were collected in December 2012.

Specialty Analytical, Inc. (SA) performed the analyses. SA report numbers 1212245rev1 and 1212258rev1 were reviewed. The analyses performed are listed below.

Analysis	Reference
Volatile organic compounds	USEPA 8260B

USEPA = U.S. Environmental Protection Agency.

DATA QUALIFICATIONS

Analytical results were evaluated according to applicable sections of USEPA procedures (USEPA, 2008) and appropriate laboratory and method-specific guidelines (SA, 2012; USEPA, 1986).

The data are considered acceptable for their intended use, with the appropriate data qualifiers assigned.

HOLDING TIMES, PRESERVATION, AND SAMPLE STORAGE

Holding Times

Extractions and analyses were performed within the recommended holding time criteria.

Preservation and Sample Storage

The samples were preserved and stored appropriately. Temperature on receipt was not recorded on the chain of custody for report 1212245rev1.

BLANKS

Method Blanks

Laboratory method blank analyses were performed at the required frequencies. For purposes of data qualification, the method blanks were associated with all samples prepared in the analytical batch.

The laboratory method blanks showed no detections above the method reporting limits (MRLs).

Report 1212245rev1 showed detections of some analytes, in the laboratory method blank and in the associated samples, below the MRL but above the method detection limit (MDL). Associated sample detections above the level found in the method blank were not qualified. Associated sample detections below the level found in the method blank were qualified as “UJ” and reported as not detected (at or below the levels found in the method blank). When a laboratory method blank detection was exceeded by a trip blank detection from the same sample delivery group, any associated sample detections were qualified based on the trip blank exceedance. Qualifications based on method blank detections are as follows:

Report	Sample	Component	Original Result (µg/L)	Qualified Result (µg/L)
1212245rev1	MW08-121812	trans-1,2-dichloroethene	0.110 J	0.160 UJ
1212245rev1	MW01-121812	trans-1,2-dichloroethene	0.140 J	0.160 UJ
1212245rev1	MW10-121912	trans-1,2-dichloroethene	0.120 J	0.160 UJ

NOTES:
 J = estimated.
 µg/L = micrograms per liter.

Trip Blanks

Trip blanks were submitted with both sample delivery groups. In report 1212245rev1, the trip blank (Trip Blank_121912) had detections below the MRL for cis-1,2-dichloroethene and trans-1,2-dichloroethene. In report 1212258rev1, the trip blank (Trip Blank-122112) had several detections below the MRL. Associated samples with detections at or below the levels in the trip blanks were qualified as “UJ” and reported as not detected (at or below the levels found in the trip blank). Qualifications based on trip blank detections are as follows:

Report	Sample	Component	Original Result (µg/L)	Qualified Result (µg/L)
1212245rev1	MW14-121912	cis-1,2-dichloroethene	0.510 J	0.530 UJ
1212258rev1	MW04-122112	1,1-dichloroethene	0.220 J	0.220 UJ
1212258rev1	MW04-122112	trans-1,2-dichloroethene	0.190 J	0.250 UJ
1212258rev1	MW09-122112	1,1-dichloroethene	0.130 J	0.220 UJ
1212258rev1	MW09-122112	trans-1,2-dichloroethene	0.190 J	0.250 UJ
1212258rev1	MW15-122112	1,1-dichloroethene	0.180 J	0.220 UJ
1212258rev1	MW15-122112	cis-1,2-dichloroethene	0.630 J	0.640 UJ
1212258rev1	MW16-122112	cis-1,2-dichloroethene	0.540 J	0.640 UJ
1212258rev1	MW16-122112	trans-1,2-dichloroethene	0.210 J	0.250 UJ

The remaining associated samples were either non-detect or had detections greater than the trip blank.

Equipment Rinsate Blanks

Equipment rinsate blanks were not required for this sampling event, as all samples were collected using dedicated, single-use equipment.

Continuing Calibration Blanks

CCBs were provided. In report 1212245rev1, the CCB for USEPA Method 8260B had detections above the MDL for multiple analytes. In the samples associated with the CCB, the analytes detected were greater than ten times the CCB detections. No results were qualified.

SURROGATE RECOVERY RESULTS

The samples were spiked with surrogate compounds to evaluate laboratory performance on individual samples.

The reviewer took no action based on minor surrogate outliers or surrogate percent recoveries that were outside acceptance limits because of dilutions necessary to quantify high concentrations of target analytes present in the samples.

The laboratory appropriately documented and qualified surrogate outliers. Associated batch quality assurance/quality control for samples with surrogate outliers was within acceptance limits. All remaining surrogate recoveries were within acceptance limits.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS

MS/MSD results are used to evaluate laboratory precision and accuracy. All MS/MSD samples were extracted and analyzed at the required frequency. All recoveries were within acceptance limits for percent recovery and relative percent differences (RPDs).

LABORATORY DUPLICATE RESULTS

Duplicate results are used to evaluate laboratory precision. Laboratory duplicate samples were not reported for either report.

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RESULTS

An LCS/LCSD is spiked with target analytes to provide information on laboratory precision and accuracy. The LCS/LCSD samples were extracted and analyzed at the required frequency. All LCS/LCSD analytes were within acceptance limits for percent recovery.

FIELD DUPLICATE RESULTS

Field duplicate samples measure both field and laboratory precision. One field duplicate was submitted for analysis (MW03-122012/MW03-122012-DUP). MFA uses acceptance criteria of 100 percent RPD for results that are less than five times the MRL, or 50 percent RPD for

results that are greater than five times the MRL. Non-detect data are not used in the evaluation of field duplicate results. All analytes were within the acceptance criteria.

CONTINUING CALIBRATION VERIFICATION RESULTS

CCV results are used to demonstrate instrument precision and accuracy through the end of the sample batch. All CCVs were within acceptance limits for percent recovery.

REPORTING LIMITS

SA used routine reporting limits for non-detect results. The data were reported to MDL. Detections between the MDL and MRL were qualified with "J," as estimated.

DATA PACKAGE

The data packages were reviewed for transcription errors, omissions, and anomalies. No issues were found.

REFERENCES

- SA. 2012. Quality assurance manual. Specialty Analytical, Inc., Clackamas, Oregon.
- USEPA. 1986. Test methods for evaluating solid waste: physical/chemical methods. EPA-530/SW-846. U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response. September (revision 6, February 2007).
- USEPA. 2008. USEPA contract laboratory program, national functional guidelines for organics data review. EPA 540/R-08/01. U.S. Environmental Protection Agency, Office of Emergency and Remedial Response. June.

DATA QUALITY ASSURANCE/QUALITY CONTROL REVIEW

PROJECT NO. 8006.31.02 | DECEMBER 3, 2018 | FORMER PARK LAUNDRY
SITE

This report reviews the analytical results for groundwater samples and two waste characterization soil samples collected by the Maul Foster & Alongi, Inc. (MFA) project team on the former Park Laundry site located at 122 N Main Avenue in Ridgefield, Washington. The samples were collected in April 2013.

Specialty Analytical, Inc. (SA) performed the analyses. SA report numbers 1304046 and 1304092 were reviewed. The analyses performed are listed below.

Analysis	Reference
Volatile organic compounds	USEPA 8260B

USEPA = U.S. Environmental Protection Agency.

DATA QUALIFICATIONS

Analytical results were evaluated according to applicable sections of USEPA procedures (USEPA, 2008) and appropriate laboratory and method-specific guidelines (SA, 2012; USEPA, 1986).

The data are considered acceptable for their intended use, with the appropriate data qualifiers assigned.

Qualifications have been made based on the method blank detection of tetrachloroethene.

HOLDING TIMES, PRESERVATION, AND SAMPLE STORAGE

Holding Times

Extractions and analyses were performed within the recommended holding time criteria.

Preservation and Sample Storage

The samples were preserved and stored appropriately.

BLANKS

Method Blanks

Laboratory method blank analyses were performed at the required frequencies. For purposes of data qualification, the method blanks were associated with all samples prepared in the analytical batch.

The laboratory method blanks showed no detections above the method reporting limits (MRLs).

Reports 1304046 and 1304092 indicated detections of tetrachloroethene in the laboratory method blank, below the MRL but above the method detection limit (MDL). Associated sample detections greater than five times the detections found in the method blank were not qualified. Associated sample detections below the MRL and less than five times the method blank detections were qualified as “UJ” and reported as not detected at the MRL. Qualifications based on method blank detections are as follows:

Report	Sample	Component	Original Result (µg/L)	Qualified Result (µg/L)
1304046	MW02-040413	Tetrachloroethene	0.340 J	1.00 UJ
1304046	TRIP BLANK-040813	Tetrachloroethene	0.210 J	1.00 UJ
1304092	MW08-040813	Tetrachloroethene	0.180 J	1.00 UJ
1304092	TRIP BLANK-040413	Tetrachloroethene	0.200 J	1.00 UJ

NOTES:

J = estimated.

µg/L = micrograms per liter.

U = not detected at or above the qualified result.

Trip Blanks

Trip blanks were submitted with both sample delivery groups. In report 1304046, the trip blank (Trip Blank-040413) had a detection below the MRL for tetrachloroethene. In report 1304092, the trip blank (Trip Blank-040813) had a detection of tetrachloroethene below the MRL. Based on these detections below the MRL and the MDL in both blank samples, associated sample detections below the MRL have been qualified as non-detect to the MRL (as noted in method blank section above). Additionally, as a result of the method blank detections for each associated lab report, associated trip blank samples have been qualified as non-detect at the MRL.

The remaining associated samples were either non-detect or had detections greater than the trip blank.

Equipment Rinsate Blanks

Equipment rinsate blanks were not required for this sampling event, as all samples were collected using dedicated, single-use equipment.

Continuing Calibration Blanks

CCBs were analyzed as part of laboratory quality assurance and quality control. In report 1304046, multiple CCB results for tetrachloroethene by USEPA Method 8260B had detections above the MDL. Based on the sequencing of analytical batches, all reported results associated with CCB were either non-detect or had detections greater than five times those found in the CCBs. No results were qualified.

SURROGATE RECOVERY RESULTS

The samples were spiked with surrogate compounds to evaluate laboratory performance on individual samples. All surrogate recoveries were within acceptance limits.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS

MS/MSD results are used to evaluate laboratory precision and accuracy. All MS/MSD samples were extracted and analyzed at the required frequency. All recoveries were within acceptance limits for percent recovery and relative percent differences (RPDs).

LABORATORY DUPLICATE RESULTS

Duplicate results are used to evaluate laboratory precision. Laboratory duplicate samples were not reported for either report.

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RESULTS

An LCS/LCSD is spiked with target analytes to provide information on laboratory precision and accuracy. The LCS/LCSD samples were extracted and analyzed at the required frequency. All LCS/LCSD analytes were within acceptance limits for percent recovery.

FIELD DUPLICATE RESULTS

Field duplicate samples measure both field and laboratory precision. One field duplicate was submitted for analysis (MW05-040513/MW05-040513-DUP). MFA uses acceptance criteria of 100 percent RPD for results that are less than five times the MRL, or 50 percent RPD for results that are greater than five times the MRL. Non-detect data are not used in the evaluation of field duplicate results. All analytes were within the acceptance criteria.

CONTINUING CALIBRATION VERIFICATION RESULTS

CCV results are used to demonstrate instrument precision and accuracy through the end of the sample batch. All CCVs were within acceptance limits for percent recovery.

REPORTING LIMITS

SA reported data to MDL. Detections between the MDL and MRL were qualified with "J," as estimated.

DATA PACKAGE

The data packages were reviewed for transcription errors, omissions, and anomalies. No issues were found.

REFERENCES

- SA. 2012. Quality assurance manual. Specialty Analytical, Inc., Clackamas, Oregon.
- USEPA. 1986. Test methods for evaluating solid waste: physical/chemical methods. EPA-530/SW-846. U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response. September (revision 6, February 2007).
- USEPA. 2008. USEPA contract laboratory program, national functional guidelines for organics data review. EPA 540/R-08/01. U.S. Environmental Protection Agency, Office of Emergency and Remedial Response. June.

DATA QUALITY ASSURANCE/QUALITY CONTROL REVIEW

PROJECT NO. 8006.31.02 | DECEMBER 3, 2018 | FORMER PARK LAUNDRY
SITE

This report reviews the analytical results for groundwater samples collected by the Maul Foster & Alongi, Inc. (MFA) project team on the former Park Laundry site located at 122 N Main Avenue in Ridgefield, Washington. The samples were collected in June 2013.

Specialty Analytical, Inc. (SA) performed the analyses. SA report numbers 1306010 and 1306028 were reviewed. The analyses performed and samples analyzed are listed below. Some analyses may not have been performed on all samples.

Analysis	Reference
Volatile organic compounds (modified list)	USEPA 8260B

USEPA = U.S. Environmental Protection Agency.

Samples Analyzed	
SDG No. 1306010	SDG No. 1306028
MW01-060313	MW04-060413
MW02-060313	MW07-060413
MW03-060313	MW10-060413
MW05-060313	MW11-060413
MW05-060313-DUP	MW13-060413
MW06-060313	MW14-060413
MW08-060313	MW15-060413
MW09-060313	MW16-060413
MW21-060313	MW17-060413
Trip Blank-060313	MW18-060413
--	MW19-060413
--	MW20-060413
--	Trip Blank-060413

SDG = sample delivery group.

DATA QUALIFICATIONS

Analytical results were evaluated according to applicable sections of USEPA procedures (USEPA, 2008) and appropriate laboratory and method-specific guidelines (SA, 2013; USEPA, 1986).

The data are considered acceptable for their intended use, with the appropriate data qualifiers assigned.

HOLDING TIMES, PRESERVATION, AND SAMPLE STORAGE

Holding Times

Extractions and analyses were performed within the recommended holding time criteria.

Preservation and Sample Storage

The samples were preserved and stored appropriately. Temperature on receipt was not recorded on the chain of custody for reports 1306010 and 1306028.

BLANKS

Method Blanks

Laboratory method blank analyses were performed at the required frequencies. For purposes of data qualification, the method blanks were associated with all samples prepared in the analytical batch. All laboratory method blanks were non-detect.

Trip Blanks

Trip blanks were submitted with both sample delivery groups. The trip blanks were non-detect for all analytes.

Equipment Rinse Blanks

Equipment rinse blanks were not required for this sampling event, as all samples were collected using dedicated, single-use equipment.

Continuing Calibration Blanks

CCBs were provided. All laboratory CCBs were non-detect or sample concentrations were more than five times higher than detected CCB values. All detections in CCB were below the method reporting limit (MRL) but above the method detection limit (MDL).

SURROGATE RECOVERY RESULTS

The samples were spiked with surrogate compounds to evaluate laboratory performance on individual samples.

The reviewer took no action based on minor surrogate outliers. The laboratory appropriately documented and qualified surrogate outliers. Associated batch quality assurance/quality control for samples with surrogate outliers was within acceptance limits. All remaining surrogate recoveries were within acceptance limits.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS

MS/MSD results are used to evaluate laboratory precision and accuracy. All MS/MSD samples were extracted and analyzed at the required frequency. All recoveries were within acceptance limits for percent recovery and relative percent differences (RPDs).

LABORATORY DUPLICATE RESULTS

Duplicate results are used to evaluate laboratory precision. Laboratory duplicate samples were not included in either report.

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RESULTS

An LCS/LCSD is spiked with target analytes to provide information on laboratory precision and accuracy. The LCS/LCSD samples were extracted and analyzed at the required frequency. All LCS/LCSD analytes were within acceptance limits for percent recovery.

FIELD DUPLICATE RESULTS

Field duplicate samples measure both field and laboratory precision. One field duplicate was submitted for analysis (MW05-060313/MW05-060313-DUP). MFA uses acceptance criteria of 100 percent RPD for results that are less than five times the MRL, or 50 percent RPD for results that are greater than five times the MRL. Non-detect data are not used in the evaluation of field duplicate results. All analytes were within the acceptance criteria, except for a tetrachloroethene (PCE) result that exceeded RPD limits (shown below). The result has been qualified "J" as estimated.

Component	Field Sample Result (µg/L)	Field Duplicate Result (µg/L)	% RPD
PCE	950	1790	61

µg/L = micrograms per liter.

CONTINUING CALIBRATION VERIFICATION RESULTS

CCV results are used to demonstrate instrument precision and accuracy through the end of the sample batch. All CCVs were within acceptance limits for percent recovery.

REPORTING LIMITS

SA used routine reporting limits for non-detect results. The data were reported to MDL. Detections between the MDL and MRL were qualified with "J" as estimated.

DATA PACKAGE

The data packages were reviewed for transcription errors, omissions, and anomalies. No issues were found.

REFERENCES

- SA. 2013. Quality assurance manual. Specialty Analytical, Inc., Clackamas, Oregon.
- USEPA. 1986. Test methods for evaluating solid waste: physical/chemical methods. EPA-530/SW-846. U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response. September (revision 6, February 2007).
- USEPA. 2008. USEPA contract laboratory program, national functional guidelines for organics data review. EPA 540/R-08/01. U.S. Environmental Protection Agency, Office of Emergency and Remedial Response. June.

DATA QUALITY ASSURANCE/QUALITY CONTROL REVIEW

PROJECT NO. 8006.31.02 | DECEMBER 3, 2018 | FORMER PARK LAUNDRY
SITE

This report reviews the analytical results for groundwater samples collected by the Maul Foster & Alongi, Inc. (MFA) project team on the former Park Laundry site located at 122 N Main Avenue in Ridgefield, Washington. The samples were collected in September 2013.

Specialty Analytical, Inc. (SA) performed the analyses. SA report numbers 1309184rev1 and 1309202 were reviewed. The analysis performed is listed below.

Analysis	Reference
Volatile organic compounds	USEPA 8260B

USEPA = U.S. Environmental Protection Agency.

DATA QUALIFICATIONS

Analytical results were evaluated according to applicable sections of USEPA procedures (USEPA, 2008) and appropriate laboratory and method-specific guidelines (SA, 2013; USEPA, 1986).

The data are considered acceptable for their intended use, with the appropriate data qualifiers assigned.

HOLDING TIMES, PRESERVATION, AND SAMPLE STORAGE

Holding Times

Extractions and analyses were performed within the recommended holding time criteria, with the exception of several samples analyzed by USEPA Method 8260B slightly outside the recommended holding time. Results for samples MW16-092413, MW15-092413, MW19-092413, MW08-092413, and MW11-092413 are considered estimated, “J,” for detections and “UJ” for non-detect results because of holding time exceedances. As noted by laboratory case narrative in report 1309184rev1, it is unlikely that sample results were significantly impacted as a result of analyses being performed less than 29 hours past holding time.

Additionally, tetrachloroethene for sample MW13-092513 was reanalyzed outside recommended holding time. Results have been qualified “J” as estimated.

Preservation and Sample Storage

The samples were preserved and stored appropriately. Temperature upon receipt was recorded as four and six degrees Celsius in reports 1309184rev1 and 1309202, respectively.

BLANKS

Method Blanks

Laboratory method blank (MB) analyses were performed at the required frequencies. For purposes of data qualification, the method blanks were associated with all samples prepared in the analytical batch. Furthermore, MBs and continuing calibration blanks (CCBs) were associated with results for the specific analyses sequence (i.e., analysis date).

Neither the laboratory MBs nor the lab CCBs showed detections above the method reporting limits (MRLs).

Report 1309202 showed detections of cis-1,2-dichloroethene, tetrachloroethene, and trichloroethene in the laboratory MB below the MRL but above the method detection limit (MDL). Associated sample detections above the MRL were not qualified. Associated sample detections below the MRL were qualified and reported "U" as not detected at or below the MRL as a result of MB detections. Qualifications based on MB detections are as follows:

Report	Sample	Component	Original Result (µg/L)	Qualified Result (µg/L)
1309202	MW20-092713	cis-1,2-Dichloroethene	0.250 J	1.00 U
1309202	MW18-092713	cis-1,2-Dichloroethene	0.250 J	1.00 U
1309202	MW18-092713	Tetrachloroethene	0.210 J	1.00 U
1309202	MW14-092713	cis-1,2-Dichloroethene	0.290 J	1.00 U
1309202	MW14-092713	Tetrachloroethene	0.720 J	1.00 U
1309202	MW14-092713	Trichloroethene	0.860 J	1.00 U
1309202	MW21-092713	Trichloroethene	0.390 J	1.00 U
1309202	MW01-092713	Trichloroethene	0.370 J	1.00 U
1309202	MW02-092713	Tetrachloroethene	0.530 J	1.00 U
1309202	MW03-092713	cis-1,2-Dichloroethene	0.580 J	1.00 U

NOTES:

J = estimated.

µg/L = micrograms per liter.

U = not detected above posted MRL.

Trip Blanks

Trip blanks were submitted with both sample delivery groups. In report 1309184rev1, the trip blank (Trip Blank_092613) had detections below the MRL but above the MDL for cis-1,2-dichloroethene, tetrachloroethene, and trichloroethene. Associated samples with detections similarly below the MRL were qualified "U" as not detected at the MRL. Qualifications based on trip blank detections are as follows:

Report	Sample	Component	Original Result (µg/L)	Qualified Result (µg/L)
1309184rev1	MW15-092413	Trichloroethene	0.540 J	1.00 U
1309184rev1	MW19-092413	Trichloroethene	0.500 J	1.00 U
1309184rev1	MW08-092413	cis-1,2-Dichloroethene	0.800 J	1.00 U
1309184rev1	MW08-092413	Tetrachloroethene	0.370 J	1.00 U
1309184rev1	MW11-092413	cis-1,2-Dichloroethene	0.710 J	1.00 U
1309184rev1	MW10-092413	cis-1,2-Dichloroethene	0.760 J	1.00 U
1309184rev1	MW07-092413	cis-1,2-Dichloroethene	0.430 J	1.00 U
1309184rev1	MW17-092413	cis-1,2-Dichloroethene	0.400 J	1.00 U
1309184rev1	MW17-092413	Trichloroethene	0.380 J	1.00 U

The trip blank (Trip Blank-092713) associated with report 1309202 was non-detect for all analytes. Additional analytes (not discussed above) associated with Trip Blank-092613 and all analytes associated with Trip Blank-092713 were either non-detect or had detections greater than the MRL.

Equipment Rinsate Blanks

Equipment rinsate blanks were not required for this sampling event, as all samples were collected using dedicated, single-use equipment.

Continuing Calibration Blanks

CCB results are used to verify that an instrument is free of contamination during the course of an analysis. CCB results were provided. In report 1309202, the CCB for USEPA Method 8260B had detections above the MDL for multiple analytes. In the samples associated with the CCB, the analytes detected were greater than ten times the CCB detections. No results were qualified based on the CCB detections.

SURROGATE RECOVERY RESULTS

The samples were spiked with surrogate compounds to evaluate laboratory performance on individual samples. All surrogate recoveries were within acceptance limits.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS

MS/MSD results are used to evaluate laboratory precision and accuracy. All MS/MSD samples were extracted and analyzed at the required frequency. All recoveries were within acceptance limits for percent recovery and relative percent differences (RPDs).

LABORATORY DUPLICATE RESULTS

Duplicate results are used to evaluate laboratory precision. Laboratory duplicate samples were not reported in either report.

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RESULTS

An LCS/LCSD is spiked with target analytes to provide information on laboratory precision and accuracy. The LCS/LCSD samples were extracted and analyzed at the required frequency. All LCS/LCSD analytes were within acceptance limits for percent recovery.

FIELD DUPLICATE RESULTS

Field duplicate samples measure both field and laboratory precision. One field duplicate was submitted for analysis (MW05-092713/MW05-092713-DUP). MFA uses acceptance criteria of 100 percent RPD for results that are less than five times the MRL, or 50 percent RPD for results that are greater than five times the MRL. Non-detect data are not used in the evaluation of field duplicate results. Field duplicate results for tetrachloroethene (68.2% RPD) were outside acceptance limits; thus, results have been qualified “J” as estimated. Qualifications based on field duplicate results are as follows:

Report	Sample	Component	Original Result (µg/L)	Qualified Result (µg/L)
1309202	MW05-092713	Tetrachloroethene	624	624 J
1309202	MW05-092713-DUP	Tetrachloroethene	1270	1270 J

All other results were within the acceptance criteria.

CONTINUING CALIBRATION VERIFICATION RESULTS

CCV results are used to demonstrate instrument precision and accuracy through the end of the sample batch. All CCVs were within acceptance limits for percent recovery.

REPORTING LIMITS

SA reported results to the MDL. Detections between the MDL and MRL were qualified with “J,” as estimated. Analytes with blank detections between the MDL and MRL had associated non-detect sample results raised to the MRL.

DATA PACKAGE

The data packages were reviewed for transcription errors, omissions, and anomalies. The initial 1309184 report did not contain a case narrative concerning the USEPA Method 8260B holding time issues. No other issues were found.

REFERENCES

- SA. 2013. Quality assurance manual. Specialty Analytical, Inc., Clackamas, Oregon.
- USEPA. 1986. Test methods for evaluating solid waste: physical/chemical methods. EPA-530/SW-846. U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response. September (revision 6, February 2007).
- USEPA. 2008. USEPA contract laboratory program, national functional guidelines for organics data review. EPA 540/R-08/01. U.S. Environmental Protection Agency, Office of Emergency and Remedial Response. June.

DATA QUALITY ASSURANCE/QUALITY CONTROL REVIEW

PROJECT NO. 8006.31.02 | DECEMBER 3, 2018 | FORMER PARK LAUNDRY
SITE

This report reviews the analytical results for groundwater samples collected by the Maul Foster & Alongi, Inc. (MFA) project team on the former Park Laundry site located at 122 N Main Avenue in Ridgefield, Washington. The samples were collected in December 2013.

Specialty Analytical, Inc. (SA) performed the analyses. SA report numbers 1312237 and 1312287 were reviewed. The analysis performed is listed below.

Analysis	Reference
Volatile organic compounds	USEPA 8260B

USEPA = U.S. Environmental Protection Agency.

DATA QUALIFICATIONS

Analytical results were evaluated according to applicable sections of USEPA procedures (USEPA, 2008) and appropriate laboratory and method-specific guidelines (SA, 2013; USEPA, 1986).

The data are considered acceptable for their intended use, with the appropriate data qualifiers assigned.

HOLDING TIMES, PRESERVATION, AND SAMPLE STORAGE

Holding Times

Extractions and analyses were performed within the recommended holding time criteria.

Preservation and Sample Storage

The samples were preserved and stored appropriately. Temperature upon receipt was recorded as 5 and 6 degrees Celsius in reports 1312237 and 1312287, respectively.

BLANKS

Method Blanks

Laboratory method blank (MB) analyses were performed at the required frequencies. For purposes of data qualification, the MBs were associated with all samples prepared in the analytical batch. Furthermore, MBs and continuing calibration blanks (CCBs) were associated with results for the specific analysis sequence (i.e., analysis date).

Neither the laboratory MBs nor the laboratory CCBs showed detections above the method reporting limits (MRLs).

Report 1312227 (batch R13084) showed detections of cis-1,2-dichloroethene and trichloroethene in the laboratory MB below the MRL but above the method detection limit (MDL). Report 1312287 (batch R13000) showed detections of cis-1,2-dichloroethene, trichloroethene, and vinyl chloride in the laboratory MB below the MRL but above the MDL. Associated sample detections above the MRL were not qualified. Associated sample detections below the MRL were qualified and reported “U,” as not detected at or below the MRL. Laboratory appropriately qualified detections between the MRL and MDL as estimated “J” concentrations. Qualifications based on MB detections are as follows:

Report	Sample	Component	Original Result (µg/L)	Qualified Result (µg/L)
1312287	MW19-122013	cis-1,2-Dichloroethene	0.290 J	1.00 U
1312287	MW19-122013	Trichloroethene	0.410 J	1.00 U
1312287	MW19-122013	Vinyl Chloride	0.200 J	1.00 U
1312287	MW15-122013	Trichloroethene	0.200 J	1.00 U
1312287	MW15-122013	Vinyl Chloride	0.190 J	1.00 U
1312287	MW16-122013	Trichloroethene	0.580 J	1.00 U
1312287	MW16-122013	Vinyl Chloride	0.200 J	1.00 U
1312287	MW08-122013	Vinyl Chloride	0.200 J	1.00 U
1312237	MW01-122313	cis-1,2-Dichloroethene	0.190 J	1.00 U
1312237	MW01-122313	Trichloroethene	0.200 J	1.00 U
1312237	MW21-122313	cis-1,2-Dichloroethene	0.180 J	1.00 U
1312237	MW21-122313	Trichloroethene	0.230 J	1.00 U
1312237	MW02-122313	cis-1,2-Dichloroethene	0.200 J	1.00 U
1312237	MW02-122313	Trichloroethene	0.140 J	1.00 U
1312237	MW03-122313	cis-1,2-Dichloroethene	0.280 J	1.00 U
1312237	MW09-122313	cis-1,2-Dichloroethene	0.430 J	1.00 U
1312237	MW14-122313	cis-1,2-Dichloroethene	0.200 J	1.00 U
1312237	MW18-122313	cis-1,2-Dichloroethene	0.140 J	1.00 U
1312237	MW17-122313	cis-1,2-Dichloroethene	0.160 J	1.00 U
1312237	MW17-122313	Trichloroethene	0.140 J	1.00 U
1312237	MW04-122313	cis-1,2-Dichloroethene	0.160 J	1.00 U
1312237	MW04-122313	Trichloroethene	0.440 J	1.00 U
1312237	MW05-122413	cis-1,2-Dichloroethene	0.350 J	1.00 U
1312237	MW05-122413-DUP	cis-1,2-Dichloroethene	0.360 J	1.00 U
1312237	MW07-122413	cis-1,2-Dichloroethene	0.150 J	1.00 U
1312237	MW11-122413	cis-1,2-Dichloroethene	0.170 J	1.00 U
1312237	MW11-122413	Trichloroethene	0.570 J	1.00 U

Report	Sample	Component	Original Result (µg/L)	Qualified Result (µg/L)
1312237	MW10-122413	cis-1,2-Dichloroethene	0.210 J	1.00 U
1312237	MW13-122413	cis-1,2-Dichloroethene	0.380 J	1.00 U

NOTES:

J = estimated.

µg/L = micrograms per liter.

U = not detected above posted MRL.

Trip Blanks

A trip blank was submitted with sample delivery group (SDG) 1312237. Because field sample collection procedures remained constant during December sampling event (reports 1312237 and 1312287) all December data will be evaluated based on a single trip blank.

The trip blank (Trip Blank_122313) had a detection of tetrachloroethene slightly above the MRL. As a result, all sample detections less than two times the MRL were flagged “UJ,” non-detect with an estimated reporting limit. Sample results detected between two and five times the MRL were flagged “J,” and are to be considered estimated. Sample detections below the MRL were flagged “U,” non-detect at the laboratory MRL.

The trip blank (Trip Blank_122313) had a detection below the MRL but above the MDL for vinyl chloride. Vinyl chloride detections below the MRL in SDG 1312287 were evaluated and flagged as a result of MB detections, (Method Blank section above). Associated samples with detections similarly below the MRL were qualified “U,” as not detected at the MRL. Laboratory appropriately qualified detections between the MRL and MDL as estimated “J” concentrations. Qualifications based on trip blank detections are as follows:

Report	Sample	Component	Original Result (µg/L)	Qualified Result (µg/L)
1312237	MW02-122313	Tetrachloroethene	0.340 J	1.00 U
1312237	MW17-122313	Tetrachloroethene	4.83	4.83 J
1312237	MW20-122413	Tetrachloroethene	1.08	1.08 U
1312237	MW06-122413	Tetrachloroethene	4.83	4.83 J
1312287	MW19-122013	Tetrachloroethene	1.92	1.92 U
1312287	MW08-122013	Tetrachloroethene	0.380 J	1.00 U
1312237	MW01-122313	Vinyl Chloride	0.220 J	1.00 U
1312237	MW21-122313	Vinyl Chloride	0.260 J	1.00 U
1312237	MW02-122313	Vinyl Chloride	0.250 J	1.00 U
1312237	MW03-122313	Vinyl Chloride	0.230 J	1.00 U
1312237	MW09-122313	Vinyl Chloride	0.230 J	1.00 U
1312237	MW14-122313	Vinyl Chloride	0.260 J	1.00 U
1312237	MW18-122313	Vinyl Chloride	0.250 J	1.00 U
1312237	MW17-122313	Vinyl Chloride	0.250 J	1.00 U
1312237	MW04-122413	Vinyl Chloride	0.270 J	1.00 U

Report	Sample	Component	Original Result (µg/L)	Qualified Result (µg/L)
1312237	MW05-122413	Vinyl Chloride	0.210 J	1.00 U
1312237	MW05-122413-DUP	Vinyl Chloride	0.190 J	1.00 U
1312237	MW20-122413	Vinyl Chloride	0.230 J	1.00 U
1312237	MW07-122413	Vinyl Chloride	0.230 J	1.00 U
1312237	MW06-122413	Vinyl Chloride	0.220 J	1.00 U
1312237	MW11-122413	Vinyl Chloride	0.220 J	1.00 U
1312237	MW10-122413	Vinyl Chloride	0.240 J	1.00 U
1312237	MW13-122413	Vinyl Chloride	0.240 J	1.00 U

Additional analytes (not discussed above) associated with Trip Blank-122313 were either non-detect or had detections greater than five times the MRL.

Equipment Rinsate Blanks

Equipment rinsate blanks were not required for this sampling event, as all samples were collected using dedicated, single-use equipment.

Continuing Calibration Blanks

CCB results are used to verify that an instrument is free of contamination during the course of an analysis. CCB results were provided. In reports 1312237 and 1312287, the CCBs for USEPA Method 8260B had detections above the MDL for multiple analytes. No results (i.e., beyond MB qualifications) were qualified based on the CCB detections.

SURROGATE RECOVERY RESULTS

The samples were spiked with surrogate compounds to evaluate laboratory performance on individual samples. All surrogate recoveries were within acceptance limits.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS

Matrix spike/matrix spike duplicate (MS/MSD) results are used to evaluate laboratory precision and accuracy. All MS/MSD samples were extracted and analyzed at the required frequency. All recoveries were within acceptance limits for percent recovery and relative percent differences (RPDs).

LABORATORY DUPLICATE RESULTS

Duplicate results are used to evaluate laboratory precision. Laboratory duplicate samples were not discussed in either report.

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RESULTS

A laboratory control sample/laboratory control sample duplicate (LCS/LCSD) is spiked with target analytes to provide information on laboratory precision and accuracy. The LCS/LCSD samples were extracted and analyzed at the required frequency. All LCS/LCSD analytes were within acceptance limits for percent recovery.

FIELD DUPLICATE RESULTS

Field duplicate samples measure both field and laboratory precision. One field duplicate was submitted for analysis (MW05-122413/MW05-122413-DUP). MFA uses acceptance criteria of 100 percent RPD for results that are less than five times the MRL, or 50 percent RPD for results that are greater than five times the MRL. Non-detect data are not used in the evaluation of field duplicate results. Based on RPD criteria, all results were within the acceptance limits.

CONTINUING CALIBRATION VERIFICATION RESULTS

Continuing calibration verification (CCV) results are used to demonstrate instrument precision and accuracy through the end of the sample batch. All CCVs were within acceptance limits for percent recovery.

REPORTING LIMITS

SA reported results to the MDL. Detections between the MDL and the MRL were qualified with "J", as estimated. For analytes with blank detections between the MDL and MRL, associated non-detect sample results were raised to the MRL.

DATA PACKAGE

The data packages were reviewed for transcription errors, omissions, and anomalies. No issues were found.

REFERENCES

- SA. 2013. Quality assurance manual. Specialty Analytical, Inc., Clackamas, Oregon.
- USEPA. 1986. Test methods for evaluating solid waste: physical/chemical methods. EPA-530/SW-846. U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response. September (revision 6, February 2007).
- USEPA. 2008. USEPA contract laboratory program, national functional guidelines for organics data review. EPA 540/R-08/01. U.S. Environmental Protection Agency, Office of Emergency and Remedial Response. June.

DATA QUALITY ASSURANCE/QUALITY CONTROL REVIEW

PROJECT NO. 8006.31.02 | DECEMBER 3, 2018 | UNION RIDGE INVESTMENT COMPANY

This report reviews the analytical results for groundwater samples collected by the Maul Foster & Alongi, Inc. (MFA) project team on the former Park Laundry site located at 122 N Main Avenue in Ridgefield, Washington. The samples were collected in March 2014.

Specialty Analytical, Inc. (SA) performed the analyses. SA report numbers 1403211 and 1403255 were reviewed. The analyses performed are listed below. Some analyses may not have been performed on all samples.

Analysis	Reference
Volatile Organic Compounds	USEPA 8260B

USEPA = U.S. Environmental Protection Agency.

DATA QUALIFICATIONS

Analytical results were evaluated according to applicable sections of USEPA procedures (USEPA, 2008) and appropriate laboratory and method-specific guidelines (SA, 2014; USEPA, 1986).

The data are considered acceptable for their intended use, with the appropriate data qualifiers assigned.

HOLDING TIMES, PRESERVATION, AND SAMPLE STORAGE

Holding Times

Extractions and analyses were performed within the recommended holding time criteria.

Preservation and Sample Storage

The samples were preserved and stored appropriately.

BLANKS

Method Blanks

Laboratory method blank analyses were performed at the required frequencies. For purposes of data qualification, the method blanks were associated with all samples prepared in the analytical batch. The reviewer confirmed with the laboratory that method blanks were assessed to method detection limits (MDLs), even though only reporting limits (RLs) were shown in the quality control (QC) summary report. If an analyte was detected in a sample and in the associated method blank below the RL but above the MDL, sample detections

below the level found in the method blank were qualified as “U” at the RL. In report 1403255, the USEPA Method 8260B method blank had a detection for tetrachloroethene below the RL, at 0.480 microgram per liter (ug/L). The following results were qualified:

Report	Sample	Component	Original Result (ug/L)	Qualified Result (ug/L)
1403255	MW08-032714	Tetrachloroethene	0.230 J	1.00 U
1403255	MW20-032714	Tetrachloroethene	0.190 J	1.00 U
1403255	MW18-032714	Tetrachloroethene	0.210 J	1.00 U

All remaining laboratory method blanks were non-detect.

Continuing Calibration Blanks

Continuing calibration blanks (CCBs) were provided for USEPA Method 8260B, as shown in report 1403211, and were assessed by the laboratory to MDLs. The reviewer confirmed with the laboratory that CCBs were assessed to the MDL even though only RLs were shown in the QC summary report. All CCBs were non-detect.

Trip Blanks

A trip blank was recorded on the chain of custody but was not reported. The reviewer confirmed with the laboratory that a trip blank was not submitted with sample delivery group 1403255. At least one sample, MW17-032714, was non-detect for all reported analytes, so no qualification was necessary.

Equipment Rinsate Blanks

Equipment rinsate blanks were not required for this sampling event, as all samples were collected using dedicated, single-use equipment.

SURROGATE RECOVERY RESULTS

When appropriate, individual samples were spiked with surrogate compounds to evaluate laboratory performance. All surrogate percent recoveries were within acceptance limits.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS

Matrix spike/matrix spike duplicate (MS/MSD) results are used to evaluate laboratory precision and accuracy. All MS/MSD samples were extracted and analyzed at the required frequency. All MS/MSD samples were within acceptance limits for percent recovery and relative percent differences (RPDs).

LABORATORY DUPLICATE RESULTS

Laboratory duplicate results are used to evaluate laboratory precision. Laboratory duplicate samples were not analyzed by the laboratory.

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RESULTS

A laboratory control sample/laboratory control sample duplicate (LCS/LCSD) is spiked with target analytes to provide information on laboratory precision and accuracy. The LCS/LCSD samples were extracted and analyzed at the required frequency. All LCS/LCSD analyte results were within acceptance limits for percent recovery and RPD.

FIELD DUPLICATE RESULTS

Field duplicate samples measure both field and laboratory precision. One field duplicate was submitted for analyses, as shown in report 1403211 (MW05-032414/MW05-032414-DUP). MFA uses acceptance criteria of 100 percent RPD for results that are less than five times the MRL, or 50 percent RPD for results that are greater than five times the MRL. Non-detect data are not used in the evaluation of field duplicate results. All field duplicate analytes were within the acceptance criteria.

CONTINUING CALIBRATION VERIFICATION RESULTS

Continuing calibration verification (CCV) results are used to demonstrate instrument precision and accuracy through the end of the sample batch. All CCVs were within acceptance limits for percent recovery.

REPORTING LIMITS

SA reported results to the MDL. Detections between the MDL and RL were qualified with "J," as estimated. Analytes with blank detections between the MDL and RL had associated non-detect sample results raised to the RL.

DATA PACKAGE

The data packages were reviewed for transcription errors, omissions, and anomalies. None were found.

REFERENCES

- SA. 2014. Quality assurance manual. Specialty Analytical, Inc., Clackamas, Oregon.
- USEPA. 1986. Test methods for evaluating solid waste: physical/chemical methods. EPA-530/SW-846. U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response. September (revision 6, February 2007).
- USEPA. 2008. USEPA contract laboratory program, national functional guidelines for organics data review. EPA 540/R-08/01. U.S. Environmental Protection Agency, Office of Emergency and Remedial Response. June.

DATA VALIDATION TRACKING

PROJECT NO. 8006.31.05 | DECEMBER 3, 2018 | UNION RIDGE INVESTMENT COMPANY

This document tracks Stage 2A validation completion for the data validation memo and analysis indicated below.

Data Validation Memo	DVM_Union Ridge_June2014 GW
Lab Report	1406215
Analysis	USEPA 8260B

Reviewer	MEB
Date	7/17/2014
Page	1

	Validation Area	Acceptable Yes/No/NA	Comments	Q
Sample	Temperature	Yes		
	Holding Time	No	Six samples analyzed after hold time; see comments.	J/UR
	Trip Blank	No	Trip blank ND; however, it was analyzed after hold time.	UR
	Field/Eq. Blank	NA		
	Field Dup RPD	Yes		
Calibr.	CCB	NA	Not reported.	
	ICV	NA	Not reported.	
	CCV	Yes		
Batch	Method Blank	Yes		
	LCS/LCSD %	Yes	No LCSD reported.	
	LCS/LCSD RPD	NA		
	Lab Dup RPD	NA	No lab dup reported.	
	MS/MSD %	Yes		
	MS/MSD RPD	Yes		
General	Dilution	Yes		
	Reporting Limit	NA		
	MDL	Yes		
	Surrogates	Yes		
Dioxins	Labeled Analog	NA		
	EMPC	NA		
	2378-TCDF Conf	NA		

Samples reviewed:			
MW03-062314	MW16-062414	MW11-062414	MW09-062514
MW05-062314	MW21-062314	MW13-062414	MW14-062514
MW05-062314-DUP	MW07-062414	MW18-062414	Trip Blank_062514
MW06-062314	MW10-062414	MW15-062414	-

Comments:
Samples MW13-062414, MW18-062414, MW15-062414 were analyzed six days after 14-day hold time. Samples MW09-062514, MW14-062514, and Trip Blank were analyzed five days after 14-day hold time. Detections above the MRL qualified with "J" as estimated. Non-detect results rejected and qualified with "UR."

DATA QUALITY ASSURANCE/QUALITY CONTROL REVIEW

PROJECT NO. 8006.31.05 | DECEMBER 3, 2018 | UNION RIDGE INVESTMENT COMPANY

This report reviews the analytical results for groundwater samples collected by the Maul Foster & Alongi, Inc. (MFA) project team on the Union Ridge Investment Company site located at 122 N. Main Avenue in Ridgefield, Washington. The samples were collected in June 2014.

Specialty Analytical, Inc. (SA) performed the analyses. SA report number 1406215 was reviewed. The analyses performed and samples analyzed are listed below. A data validation tracking sheet is attached (DVM_Tracking_Union Ridge_June2014).

Analysis	Reference
VOCs	USEPA 8260B

VOC = volatile organic compound.
USEPA = U.S. Environmental Protection Agency.

Samples Analyzed
SDG No. 1406215
MW03-062314
MW05-062314
MW05-062314-DUP
MW06-062314
MW16-062414
MW21-062314
MW07-062414
MW10-062414
MW11-062414
MW13-062414
MW18-062414
MW15-062414
MW09-062514
MW14-062514
Trip Blank_062514

SDG = Sample delivery group.

DATA QUALIFICATIONS

Analytical results were evaluated according to applicable sections of USEPA procedures (USEPA, 2008) and appropriate laboratory and method-specific guidelines (SA, 2014; USEPA, 1986).

The data are considered acceptable for their intended use, with the appropriate data qualifiers assigned.

HOLDING TIMES, PRESERVATION, AND SAMPLE STORAGE

Holding Times

Because of laboratory error, samples MW13-062414, MW18-062414, and MW15-062414 were analyzed for VOCs six days after the recommended 14-day hold time. Samples MW09-062514, MW14-062514, and Trip Blank were analyzed five days after the recommended hold time. All sample detections were qualified as estimated with “J.” Results that were already qualified by the laboratory as estimated because of detection between the method detection limit and the method reporting limit (MRL) were not additionally qualified. Sample detections below the level found in the method blank were qualified as “U” at the RL. All non-detect results were rejected and qualified with “UR.”

Sample	Component	Original Result (ug/L)	Qualified Result (ug/L)
MW13-062414	1,1-Dichloroethane	0.0851 U	0.0851 UR
MW13-062414	1,1-Dichloroethene	0.0964 U	0.0964 UR
MW13-062414	1,2-Dichloroethane	0.0870 U	0.0870 UR
MW13-062414	Chloroethane	0.203 U	0.203 UR
MW13-062414	cis-1,2-Dichloroethene	1.34	1.34 J
MW13-062414	Tetrachloroethene	159	159 J
MW13-062414	Trichloroethene	53.2	53.2 J
MW13-062414	Vinyl chloride	0.155 U	0.155 UR
MW18-062414	1,1-Dichloroethane	0.0851 U	0.0851 UR
MW18-062414	1,1-Dichloroethene	0.0964 U	0.0964 UR
MW18-062414	1,2-Dichloroethane	0.0870 U	0.0870 UR
MW18-062414	Chloroethane	0.203 U	0.203 UR
MW18-062414	cis-1,2-Dichloroethene	0.0660 U	0.0660 UR
MW18-062414	Tetrachloroethene	0.0672 U	0.0672 UR
MW18-062414	Trans-1,2-Dichloroethene	0.0830 U	0.0830 UR
MW18-062414	Vinyl chloride	0.155 U	0.155 UR
MW15-062414	1,1-Dichloroethane	0.0851 U	0.0851 UR
MW15-062414	1,1-Dichloroethene	0.0964 U	0.0964 UR
MW15-062414	1,2-Dichloroethane	0.0870 U	0.0870 UR
MW15-062414	Chloroethane	0.203 U	0.203 UR
MW15-062414	cis-1,2-Dichloroethene	0.0660 U	0.0660 UR
MW15-062414	Tetrachloroethene	10.1	10.1 J
MW15-062414	trans-1,2-Dichloroethene	0.0830 U	0.0830 UR
MW15-062414	Vinyl chloride	0.155 U	0.155 UR
MW09-062514	1,1-Dichloroethane	0.0851 U	0.0851 UR
MW09-062514	1,1-Dichloroethene	0.0964 U	0.0964 UR
MW09-062514	1,2-Dichloroethane	0.0870 U	0.0870 UR
MW09-062514	Chloroethane	0.203 U	0.203 UR

Sample	Component	Original Result (ug/L)	Qualified Result (ug/L)
MW09-062514	Tetrachloroethene	32.3	32.3 J
MW09-062514	trans-1,2-Dichloroethene	0.0830 U	0.0830 UR
MW09-062514	Trichloroethene	63.1	63.1 J
MW09-062514	Vinyl chloride	0.155 U	0.155 UR
MW14-062514	1,1-Dichloroethane	0.0851 U	0.0851 UR
MW14-062514	1,1-Dichloroethene	0.0964 U	0.0964 UR
MW14-062514	1,2-Dichloroethane	0.0870 U	0.0870 UR
MW14-062514	Chloroethane	0.203 U	0.203 UR
MW14-062514	cis-1,2-Dichloroethene	0.0660 U	0.0660 UR
MW14-062514	trans-1,2-Dichloroethene	0.0830 U	0.0830 UR
MW14-062514	Vinyl chloride	0.155 U	0.155 UR
Trip Blank_062514	1,1-Dichloroethane	0.0851 U	0.0851 UR
Trip Blank_062514	1,1-Dichloroethene	0.0964 U	0.0964 UR
Trip Blank_062514	1,2-Dichloroethane	0.0870 U	0.0870 UR
Trip Blank_062514	Chloroethane	0.203 U	0.203 UR
Trip Blank_062514	cis-1,2-Dichloroethene	0.0660 U	0.0660 UR
Trip Blank_062514	Tetrachloroethene	0.0672 U	0.0672 UR
Trip Blank_062514	trans-1,2-Dichloroethene	0.0830 U	0.0830 UR
Trip Blank_062514	Trichloroethene	0.0870 U	0.0870 UR
Trip Blank_062514	Vinyl chloride	0.155 U	0.155 UR

ug/L = micrograms per liter.

The remaining extractions and analyses were performed within the recommended holding time criteria.

Preservation and Sample Storage

The samples were preserved and stored appropriately.

BLANKS

Method Blanks

Laboratory method blank analyses were performed at the required frequencies. For purposes of data qualification, the method blank was associated with all samples prepared in the analytical batch. All method blanks were non-detect.

Trip Blanks

A trip blank (Trip Blank_062514) was submitted for this sampling event. The trip blank was non-detect. Because analysis was conducted five days past the recommended 14-day holding time, the non-detect trip blank results have been qualified as rejected (R) in the Holding Times, Preservation, and Sample Storage section above. No additional qualification was necessary.

Equipment Rinsate Blanks

Equipment rinsate blanks were not required for this sampling event, as all samples were collected using dedicated, single-use equipment.

SURROGATE RECOVERY RESULTS

The samples were spiked with surrogate compounds to evaluate laboratory performance on individual samples.

The reviewer took no action based on minor surrogate outliers. The laboratory appropriately documented and qualified surrogate outliers. Associated batch quality assurance and quality control for samples with surrogate outliers were within acceptance limits. All remaining surrogate recoveries were within acceptance limits.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS

Matrix spike/matrix spike duplicate (MS/MSD) results are used to evaluate laboratory precision and accuracy. All MS/MSD samples were extracted and analyzed at the required frequency. All recoveries were within acceptance limits for percent recovery and relative percent differences (RPDs).

LABORATORY DUPLICATE RESULTS

Duplicate results are used to evaluate laboratory precision. All duplicate samples were extracted and analyzed at the required frequency. All RPDs were within acceptance limits.

LABORATORY CONTROL SAMPLE RESULTS

A laboratory control sample (LCS) is spiked with target analytes to provide information on laboratory precision and accuracy. An LCS sample was extracted and analyzed at the required frequency. All recoveries were within acceptance limits for percent recovery.

FIELD DUPLICATE RESULTS

Field duplicate samples measure both field and laboratory precision. One field duplicate was submitted for analysis (MW05-062314/MW05-062314-DUP). MFA uses acceptance criteria of 100 percent RPD for results that are less than five times the MRL, or 50 percent RPD for results that are greater than five times the MRL. Non-detect data are not used in the evaluation of field duplicate results. All analytes were within the acceptance criteria.

CONTINUING CALIBRATION VERIFICATION RESULTS

Continuing calibration verification (CCV) results are used to demonstrate instrument precision and accuracy through the end of the sample batch. All CCV percent recoveries were within acceptance limits.

REPORTING LIMITS

SA used routine reporting limits for non-detect results.

DATA PACKAGE

The data packages were reviewed for transcription errors, omissions, and anomalies. No issues were found.

REFERENCES

- SA. 2014. Quality assurance manual. Specialty Analytical, Inc., Clackamas, Oregon.
- USEPA. 1986. Test methods for evaluating solid waste: physical/chemical methods. EPA-530/SW-846. U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response. September (revision 6, February 2007).
- USEPA. 2008. USEPA contract laboratory program, national functional guidelines for organics data review. EPA 540/R-08/01. U.S. Environmental Protection Agency, Office of Emergency and Remedial Response. June.

DATA QUALITY ASSURANCE/QUALITY CONTROL REVIEW

PROJECT NO. 8006.31.04 | DECEMBER 3, 2018 | UNION RIDGE INVESTMENT COMPANY

This report reviews the analytical results for soil samples collected by the Maul Foster & Alongi, Inc., project team on the Union Ridge Investment Company site located at 122 N. Main Avenue in Ridgefield, Washington. The samples were collected on September 17, 2014.

Apex Laboratories (Apex) and Weck Laboratories, Inc. (Weck) performed the analyses. Apex report number A4I0480, which contains results for analyses subcontracted to Weck, was reviewed. The analyses performed and samples analyzed are listed below. Data validation tracking sheets are attached.

Analysis	Reference
COD	USEPA 410.4 Modified
TOC	SM 5310B Modified

COD = chemical oxygen demand.

TOC = total organic carbon.

SM = Standard Methods for the Examination of Water and Wastewater.

USEPA = U.S. Environmental Protection Agency.

Samples Analyzed
Report A4I0480
GP82-S-27.5
GP83-S-19.0
GP84-S-12.0
GP85-S-17.0
GP86-S-13.0

DATA QUALIFICATIONS

Analytical results were evaluated according to applicable sections of USEPA procedures (USEPA, 2010) and appropriate laboratory and method-specific guidelines (Apex, 2014; USEPA, 1986; Weck, 2014).

The data are considered acceptable for their intended use, with the appropriate data qualifiers assigned.

HOLDING TIMES, PRESERVATION, AND SAMPLE STORAGE

Holding Times

The extractions and analyses were performed within the recommended holding time criteria.

Preservation and Sample Storage

The samples were preserved and stored appropriately.

BLANKS

Method Blanks

Laboratory method blank analyses were performed at the required frequencies. For purposes of data qualification, the method blank was associated with all samples prepared in the analytical batch. All method blanks were non-detect.

Trip Blanks

Trip blanks were not required for this sampling event because samples were not analyzed for volatile organic compounds.

Equipment Rinsate Blanks

Equipment rinsate blanks were not collected for this sampling event. Equipment was decontaminated after each sample was collected.

SURROGATE RECOVERY RESULTS

Surrogates are not required by the analytical methods reported in A4I0480.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS

Matrix spike/matrix spike duplicate (MS/MSD) results are used to evaluate laboratory precision and accuracy. All MS/MSD samples were extracted and analyzed at the required frequency. All recoveries were within acceptance limits for percent recovery and relative percent differences (RPDs).

LABORATORY DUPLICATE RESULTS

Duplicate results are used to evaluate laboratory precision. All duplicate samples were extracted and analyzed at the required frequency. All RPDs were within acceptance limits.

LABORATORY CONTROL SAMPLE RESULTS

A laboratory control sample (LCS) is spiked with target analytes to provide information on laboratory precision and accuracy. An LCS sample was extracted and analyzed at the required frequency. All recoveries were within acceptance limits for percent recovery.

FIELD DUPLICATE RESULTS

Field duplicate samples measure both field and laboratory precision. Field duplicate samples were not submitted for analysis.

CONTINUING CALIBRATION VERIFICATION RESULTS

Continuing calibration verification (CCV) results are used to demonstrate instrument precision and accuracy through the end of the sample batch. Apex and Weck did not report CCV results.

REPORTING LIMITS

Apex and Weck used routine reporting limits for non-detect results.

DATA PACKAGE

The data packages were reviewed for transcription errors, omissions, and anomalies. No issues were found.

REFERENCES

- Apex. 2014. Quality assurance manual. Apex Laboratories, Tigard, Oregon.
- USEPA. 1986. Test methods for evaluating solid waste: physical/chemical methods. EPA-530/SW-846. U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response. September (revision 6, February 2007).
- USEPA. 2010. USEPA contract laboratory program national functional guidelines for inorganic Superfund data review. EPA 540/R-10/011. U.S. Environmental Protection Agency, Office of Superfund Remediation and Technology Innovation. January.
- Weck. 2014. Quality assurance manual. Weck Laboratories, Inc., City of Industry, California. April 1.

ATTACHMENT

DATA VALIDATION TRACKING



DATA VALIDATION TRACKING

This document tracks Stage 2A validation completion for the analysis indicated below.

Lab Report	A410480	Reviewer	MEB
Analysis/Method	TOC / SM 5310B	Date	10/7/2014
Batch Number(s)	4090510		

	Validation Area	Acceptable Yes/No/NA/NR	Comments	Q
Sample	Temperature	Yes	Information located on cooler receipt form.	
	Holding Time	Yes		
	Trip Blank	NA		
	Field/Eq. Blank	NA		
	Field Dup RPD	NA		
Calibr.	CCB	NA		
	ICV	NR		
	CCV	NR		
Batch	Method Blank	Yes		
	LCS/LCSD %	Yes		
	LCS/LCSD RPD	NA		
	Lab Dup RPD	Yes		
	MS/MSD %	NA		
	MS/MSD RPD	NA		
General	Dilution	Yes		
	Reporting Limit	Yes		
	MDL	NA		
	Surrogates	NA		
Dioxins	Labeled Analog	NA		
	EMPC	NA		
	2378-TCDF	NA		

Samples reviewed (in bold font):

GP82-S-27.5	GP86-S-13.0	-	-
GP83-S-19.0	-	-	-
GP84-S-12.0	-	-	-
GP85-S-17.0	-	-	-

Notes:

Definitions:

Calibr. = calibration.	ICV = initial calibration verification.	NR = not reported.
CCB = continuing calibration blank.	MDL = method detection limit.	Q = qualifier.
EMPC = estimated maximum potential	NA = not applicable.	

DATA VALIDATION TRACKING

This document tracks Stage 2A validation completion for the analysis indicated below.

Lab Report	A410480
Analysis/Method	COD / USEPA 410.4 Modified
Batch Number(s)	W411476

Reviewer	MEB
Date	10/7/2014

	Validation Area	Acceptable Yes/No/NA/NR	Comments	Q
Sample	Temperature	Yes	Information located on cooler receipt form.	
	Holding Time	Yes		
	Trip Blank	NA		
	Field/Eq. Blank	NA		
	Field Dup RPD	NA		
Calibr.	CCB	NA		
	ICV	NR		
	CCV	NR		
Batch	Method Blank	Yes		
	LCS/LCSD %	Yes		
	LCS/LCSD RPD	NA		
	Lab Dup RPD	Yes		
	MS/MSD %	Yes		
	MS/MSD RPD	Yes		
General	Dilution	Yes		
	Reporting Limit	Yes		
	MDL	NA		
	Surrogates	NA		
Dioxins	Labeled Analog	NA		
	EMPC	NA		
	2378-TCDF	NA		

Samples reviewed (in bold font):				
GP82-S-27.5	GP86-S-13.0	-	-	
GP83-S-19.0	-	-	-	
GP84-S-12.0	-	-	-	
GP85-S-17.0	-	-	-	
Notes:				
Definitions:				

DATA QUALITY ASSURANCE/QUALITY CONTROL REVIEW

PROJECT NO. 8006.31.05 | DECEMBER 3, 2018 | UNION RIDGE INVESTMENT COMPANY

This report reviews the analytical results for groundwater samples collected by the Maul Foster & Alongi, Inc. (MFA) project team on the Union Ridge Investment Company site located at 122 N. Main Avenue in Ridgefield, Washington. The samples were collected in September 2014.

Specialty Analytical, Inc. (SA) performed the analyses. SA report number 1409080rev1 was reviewed. The analysis performed and samples analyzed are listed below. A data validation tracking sheet associated with the analyses, documenting data review, is attached.

Analysis	Reference
VOCs	USEPA Method 8260B

VOC = volatile organic compound.
USEPA = U.S. Environmental Protection Agency.

Samples Analyzed (Report 1409080_rev1)			
MW01-090914	MW05-090914-DUP	MW13-091014	MW04-091114
MW02-090914	MW10-090914	MW15-091014	MW14-091114
MW21-090914	MW08-091014	MW20-091114	MW09-091114
MW03-090914	MW11-091014	MW06-091114	Trip Blank
MW07-090914	MW18-091014	MW19-091114	-
MW05-090914	MW16-091014	MW17-091114	-

DATA QUALIFICATIONS

Analytical results were evaluated according to applicable sections of USEPA procedures (USEPA, 1986) and appropriate laboratory and method-specific guidelines (SA, 2014; USEPA, 2008).

The data are considered acceptable for their intended use; no results were qualified.

HOLDING TIMES, PRESERVATION, AND SAMPLE STORAGE

Holding Times

Extractions and analyses were performed within the recommended holding time criteria.

Preservation and Sample Storage

The samples were preserved and stored appropriately.

BLANKS

Method Blanks

Laboratory method blank analyses were performed at the required frequencies. For purposes of data qualification, the method blanks were associated with all samples prepared in the analytical batch. All laboratory method blanks were non-detect.

Continuing Calibration Blanks

Continuing calibration blanks (CCBs) were provided for some analyses. All CCBs were non-detect.

Trip Blanks

One trip blank was submitted for this sampling event. No analytes were detected.

Equipment Rinstate Blanks

Equipment rinstate blanks were not required for this sampling event, as all samples were collected using dedicated, single-use equipment.

SURROGATE RECOVERY RESULTS

Individual samples were spiked with surrogate compounds to evaluate laboratory performance. All surrogate recoveries were within acceptance criteria.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS

Matrix spike/matrix spike duplicate (MS/MSD) results are used to evaluate laboratory precision and accuracy. All MS/MSD samples were extracted and analyzed at the required frequency. All recoveries were within acceptance limits for percent recovery and relative percent differences (RPDs).

LABORATORY DUPLICATE RESULTS

Laboratory duplicate results are used to evaluate laboratory precision. Laboratory duplicate results were not reported for this sampling event.

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RESULTS

Laboratory control sample/laboratory control sample duplicates (LCS/LCSDs) are spiked with target analytes to provide information on laboratory precision and accuracy. The LCS/LCSD samples were extracted and analyzed at the required frequency. All LCS/LCSD analytes were within acceptance limits for percent recovery and RPD.

FIELD DUPLICATE RESULTS

Field duplicate samples measure both field and laboratory precision. One field duplicate (MW05-090914/MW05-090914-DUP) was submitted for analysis. MFA uses acceptance criteria of 100 percent RPD for results that are less than five times the method reporting limit (MRL), or 50 percent RPD for results that are greater than five times the MRL. Non-detect data are not used in the evaluation of field duplicate results. All analyte results were within the acceptance criteria for RPD.

CONTINUING CALIBRATION VERIFICATION RESULTS

Continuing calibration verification (CCV) results are used to demonstrate instrument precision and accuracy through the end of the sample batch. All CCVs were within acceptance limits for percent recovery.

REPORTING LIMITS

SA used method detection limits (MDLs) for non-detect results, except for samples requiring dilutions because of high analyte concentrations and/or matrix interferences.

DATA PACKAGE

The data packages were reviewed for transcription errors, omissions, and anomalies. The original report deliverable (pdf) did not include detections between the reporting limit and the MDL; 1409080_rev1 has updated information.

REFERENCES

- SA. 2014. Quality assurance manual. Specialty Analytical, Inc., Clackamas, Oregon.
- USEPA. 1986. Test methods for evaluating solid waste: physical/chemical methods. EPA-530/SW-846. U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response. September (revision 6, February 2007).
- USEPA. 2008. USEPA contract laboratory program, national functional guidelines for organics data review. EPA 540/R-08/01. U.S. Environmental Protection Agency, Office of Emergency and Remedial Response.

ATTACHMENT

DATA VALIDATION TRACKING



DATA VALIDATION TRACKING

This document tracks Stage 2A validation completion for the analysis indicated below.

Lab Report	1409080
Analysis/Method	VOCs/USEPA Method 8260B
Batch Number(s)	R16833/R16875

Reviewer	RKG
Date	9/24/14

	Validation Area	Acceptable Yes/No/NA/NR	Comments	Q
Sample	Temperature	Yes		
	Holding Time	Yes		
	Trip Blank	Yes		
	Field/Eq. Blank	NA		
	Field Dup RPD	Yes		
Calibr.	CCB	Yes		
	ICV	NA		
	CCV	Yes		
Batch	Method Blank	Yes		
	LCS/LCSD %	Yes		
	LCS/LCSD RPD	NA		
	Lab Dup RPD	NA		
	MS/MSD %	Yes		
	MS/MSD RPD	Yes		
General	Dilution	Yes		
	Reporting Limit	Yes		
	MDL	Yes	Revised report contains MDLs.	
	Surrogates	Yes		

Samples reviewed (in bold font):				
MW01-090914	MW05-090914-DUP	MW13-091014	MW04-091114	
MW02-090914	MW10-090914	MW15-091014	MW14-091114	
MW21-090914	MW08-091014	MW20-091114	MW09-091114	
MW03-090914	MW11-091014	MW06-091114	Trip Blank	
MW07-090914	MW18-091014	MW19-091114	-	
MW05-090914	MW16-091014	MW17-091114	-	

Notes:
Definitions: Calibr. = calibration. CCB = continuing calibration blank. MDL = method detection limit.
NA = not applicable. NR = not reported. Q = qualifier.

DATA QUALITY ASSURANCE/QUALITY CONTROL REVIEW

PROJECT NO. 8006.31.05 | DECEMBER 3, 2018 | UNION RIDGE INVESTMENT COMPANY

This report reviews the analytical results for groundwater samples collected by the Maul Foster & Alongi, Inc. (MFA) project team on the Park Laundry site in Ridgefield, Washington. The samples were collected in December 2014.

Specialty Analytical, Inc. (SA) performed the analyses. SA report numbers 1412025mdl, 1412058mdl, and 1412084mdl were reviewed. The analyses performed and samples analyzed are listed below.

Analysis	Reference
Anions	USEPA 9056A
Permanent Gases	ASTM D1945 Modified
Sulfide	SM 4500-S2 F
Volatile Organic Compounds	USEPA 8260B

ASTM = American Society for Testing and Materials.

SM = Standard Methods.

USEPA = U.S. Environmental Protection Agency.

Samples Analyzed		
Report 1412025mdl	Report 1412058mdl	Report 1412084mdl
MW16-120314	MW08-120414	MW04-120814
MW15-120314	MW01-120414	MW09-120814
-	MW03-120414	MW14-120814
-	MW18-120414	MW10-120814
-	MW06-120514	MW07-120814
-	MW19-120514	MW17-120914
-	MW21-120514	MW13-120914
-	MW02-120514	MW11-120914
-	MW05-120514	TRIP BLANK
-	MW05-120514-DUP	-
-	MW20-120514	-
-	TRIP BLANK	-

DATA QUALIFICATIONS

Analytical results were evaluated according to applicable sections of USEPA procedures (USEPA, 1986) and appropriate laboratory and method-specific guidelines (SA, 2014; USEPA, 2008).

The data are considered acceptable for their intended use; no results were qualified.

HOLDING TIMES, PRESERVATION, AND SAMPLE STORAGE

Holding Times

Extractions and analyses were performed within the recommended holding time criteria.

Preservation and Sample Storage

The samples were preserved and stored appropriately.

BLANKS

Method Blanks

Laboratory method blank analyses were performed at the required frequencies. For purposes of data qualification, the method blanks were associated with all samples prepared in the analytical batch. In reports 1412025mdl and 1412084mdl, USEPA Method 9056A blank chloride results were between the method detection limit (MDL) and the reporting limit (RL). Sample results were all greater than ten times the method blank detection; thus, no results were qualified. In report 1412058, the USEPA Method 9056A method blank nitrate result was between the MDL and the RL. All nitrate results in this report were non-detect; thus, no results were qualified. All remaining method blanks were non-detect.

Continuing Calibration Blanks

Continuing calibration blanks (CCBs) were provided for some analyses. All CCBs were non-detect.

Trip Blanks

Trip blanks were submitted for USEPA Method 8260B analysis, as shown in reports 1412058mdl and 1412084mdl. No analytes were detected in either trip blank.

Equipment Rinsate Blanks

Equipment rinsate blanks were not required for this sampling event, as all samples were collected using dedicated, single-use equipment.

SURROGATE RECOVERY RESULTS

Individual samples were spiked with surrogate compounds to evaluate laboratory performance. All surrogate recoveries were within acceptance criteria.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS

Matrix spike/matrix spike duplicate (MS/MSD) results are used to evaluate laboratory precision and accuracy. All MS/MSD samples were extracted and analyzed at the required frequency. All recoveries were within acceptance limits for percent recovery and relative percent differences (RPDs).

LABORATORY DUPLICATE RESULTS

Laboratory duplicate results are used to evaluate laboratory precision. Laboratory duplicate results were reported for some analytes. All laboratory duplicate results were within acceptance criteria for RPD.

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RESULTS

Laboratory control sample/laboratory control sample duplicates (LCS/LCSDs) are spiked with target analytes to provide information on laboratory precision and accuracy. The LCS/LCSD samples were extracted and analyzed at the required frequency. All LCS/LCSD analytes were within acceptance limits for percent recovery and RPD.

FIELD DUPLICATE RESULTS

Field duplicate samples measure both field and laboratory precision. One field duplicate (MW05-120514/MW05-120514-DUP) was submitted for analysis, as shown in report 1412058mdl. MFA uses acceptance criteria of 100 percent RPD for results that are less than five times the method reporting limit (MRL), or 50 percent RPD for results that are greater than five times the MRL. Non-detect data are not used in the evaluation of field duplicate results. All analyte results were within the acceptance criteria for RPD.

CONTINUING CALIBRATION VERIFICATION RESULTS

Continuing calibration verification (CCV) results are used to demonstrate instrument precision and accuracy through the end of the sample batch. CCVs were reported for some analytes. All CCVs were within acceptance limits for percent recovery.

REPORTING LIMITS

SA used MDLs for non-detect results, except for samples requiring dilutions because of high analyte concentrations and/or matrix interferences and for ASTM D1945 Modified permanent gases. The reviewer confirmed with the laboratory that permanent gases cannot be reported to the MDL. Detected results reported between the MDL and the RL were qualified by the laboratory as estimated (J).

DATA PACKAGE

The data packages were reviewed for transcription errors, omissions, and anomalies. In reports 1412025mdl, 1212058mdl, and 1412084mdl, the method requested for sulfide analysis (USEPA Method 9056A) does not match the method reported for sulfide analysis (SM 4500-S2 F). Methods were reviewed by the validator; sulfide analysis is not part of the anion suite reported by USEPA Method 9056A, and SM 4500-S2 F is a valid method for sulfide analysis.

REFERENCES

- SA. 2014. Quality assurance manual. Specialty Analytical, Inc., Clackamas, Oregon.
- USEPA. 1986. Test methods for evaluating solid waste: physical/chemical methods. EPA-530/SW-846. U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response. September (revision 6, February 2007).
- USEPA. 2008. USEPA contract laboratory program, national functional guidelines for organics data review. EPA 540/R-08/01. U.S. Environmental Protection Agency, Office of Emergency and Remedial Response.

DATA QUALITY ASSURANCE/QUALITY CONTROL REVIEW

PROJECT NO. 8006.31.05 | DECEMBER 3, 2018 | UNION RIDGE INVESTMENT COMPANY

This report reviews the analytical results for groundwater samples collected by the Maul Foster & Alongi, Inc. (MFA) project team on the Union Ridge Investment Company site located at 122 N. Main Avenue in Ridgefield, Washington. The samples were collected in March 2015.

Specialty Analytical, Inc. (SA) performed the analyses. SA report number 1503066 was reviewed. The analyses performed and samples analyzed are listed below.

Analysis	Reference
cVOCs	USEPA 8260B

cVOC = chlorinated volatile organic compound.
USEPA = U.S. Environmental Protection Agency.

Samples Analyzed	
Report 1503066	
MW01-030415	MW09-030515
MW02-030415	MW16-030515
MW21-030415	MW15-030515
MW03-030415	MW20-0030615
MW08-030415	MW17-030615
MW04-030515	MW07-030615
MW05-030515	MW10-030615
MW05-030515-DUP	MW11-030615
MW06-030515	MW13-030615
MW14-030515	MW19-030615
MW18-030515	Trip Blank

DATA QUALIFICATIONS

Analytical results were evaluated according to applicable sections of USEPA procedures (USEPA, 2014) and appropriate laboratory and method-specific guidelines (SA, 2014; USEPA, 1986).

The data are considered acceptable for their intended use, with the appropriate data qualifiers assigned.

DATA QUALITY ASSURANCE/QUALITY CONTROL REVIEW

PROJECT NO. 8006.31.05 | DECEMBER 3, 2018 | UNION RIDGE INVESTMENT COMPANY

This report reviews the analytical results for groundwater samples collected by the Maul Foster & Alongi, Inc. (MFA) project team on the Park Laundry site in Ridgefield, Washington. The samples were collected in December 2014.

Specialty Analytical, Inc. (SA) performed the analyses. SA report numbers 1412025mdl, 1412058mdl, and 1412084mdl were reviewed. The analyses performed and samples analyzed are listed below.

Analysis	Reference
Anions	USEPA 9056A
Permanent Gases	ASTM D1945 Modified
Sulfide	SM 4500-S2 F
Volatile Organic Compounds	USEPA 8260B

ASTM = American Society for Testing and Materials.

SM = Standard Methods.

USEPA = U.S. Environmental Protection Agency.

Samples Analyzed		
Report 1412025mdl	Report 1412058mdl	Report 1412084mdl
MW16-120314	MW08-120414	MW04-120814
MW15-120314	MW01-120414	MW09-120814
-	MW03-120414	MW14-120814
-	MW18-120414	MW10-120814
-	MW06-120514	MW07-120814
-	MW19-120514	MW17-120914
-	MW21-120514	MW13-120914
-	MW02-120514	MW11-120914
-	MW05-120514	TRIP BLANK
-	MW05-120514-DUP	-
-	MW20-120514	-
-	TRIP BLANK	-

DATA QUALIFICATIONS

Analytical results were evaluated according to applicable sections of USEPA procedures (USEPA, 1986) and appropriate laboratory and method-specific guidelines (SA, 2014; USEPA, 2008).

The data are considered acceptable for their intended use; no results were qualified.

HOLDING TIMES, PRESERVATION, AND SAMPLE STORAGE

Holding Times

Extractions and analyses were performed within the recommended holding time criteria.

Preservation and Sample Storage

The samples were preserved and stored appropriately.

BLANKS

Method Blanks

Laboratory method blank analyses were performed at the required frequencies. For purposes of data qualification, the method blanks were associated with all samples prepared in the analytical batch. In reports 1412025mdl and 1412084mdl, USEPA Method 9056A blank chloride results were between the method detection limit (MDL) and the reporting limit (RL). Sample results were all greater than ten times the method blank detection; thus, no results were qualified. In report 1412058, the USEPA Method 9056A method blank nitrate result was between the MDL and the RL. All nitrate results in this report were non-detect; thus, no results were qualified. All remaining method blanks were non-detect.

Continuing Calibration Blanks

Continuing calibration blanks (CCBs) were provided for some analyses. All CCBs were non-detect.

Trip Blanks

Trip blanks were submitted for USEPA Method 8260B analysis, as shown in reports 1412058mdl and 1412084mdl. No analytes were detected in either trip blank.

Equipment Rinsate Blanks

Equipment rinsate blanks were not required for this sampling event, as all samples were collected using dedicated, single-use equipment.

SURROGATE RECOVERY RESULTS

Individual samples were spiked with surrogate compounds to evaluate laboratory performance. All surrogate recoveries were within acceptance criteria.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS

Matrix spike/matrix spike duplicate (MS/MSD) results are used to evaluate laboratory precision and accuracy. All MS/MSD samples were extracted and analyzed at the required frequency. All recoveries were within acceptance limits for percent recovery and relative percent differences (RPDs).

LABORATORY DUPLICATE RESULTS

Laboratory duplicate results are used to evaluate laboratory precision. Laboratory duplicate results were reported for some analytes. All laboratory duplicate results were within acceptance criteria for RPD.

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RESULTS

Laboratory control sample/laboratory control sample duplicates (LCS/LCSDs) are spiked with target analytes to provide information on laboratory precision and accuracy. The LCS/LCSD samples were extracted and analyzed at the required frequency. All LCS/LCSD analytes were within acceptance limits for percent recovery and RPD.

FIELD DUPLICATE RESULTS

Field duplicate samples measure both field and laboratory precision. One field duplicate (MW05-120514/MW05-120514-DUP) was submitted for analysis, as shown in report 1412058mdl. MFA uses acceptance criteria of 100 percent RPD for results that are less than five times the method reporting limit (MRL), or 50 percent RPD for results that are greater than five times the MRL. Non-detect data are not used in the evaluation of field duplicate results. All analyte results were within the acceptance criteria for RPD.

CONTINUING CALIBRATION VERIFICATION RESULTS

Continuing calibration verification (CCV) results are used to demonstrate instrument precision and accuracy through the end of the sample batch. CCVs were reported for some analytes. All CCVs were within acceptance limits for percent recovery.

REPORTING LIMITS

SA used MDLs for non-detect results, except for samples requiring dilutions because of high analyte concentrations and/or matrix interferences and for ASTM D1945 Modified permanent gases. The reviewer confirmed with the laboratory that permanent gases cannot be reported to the MDL. Detected results reported between the MDL and the RL were qualified by the laboratory as estimated (J).

DATA PACKAGE

The data packages were reviewed for transcription errors, omissions, and anomalies. In reports 1412025mdl, 1212058mdl, and 1412084mdl, the method requested for sulfide analysis (USEPA Method 9056A) does not match the method reported for sulfide analysis (SM 4500-S2 F). Methods were reviewed by the validator; sulfide analysis is not part of the anion suite reported by USEPA Method 9056A, and SM 4500-S2 F is a valid method for sulfide analysis.

REFERENCES

- SA. 2014. Quality assurance manual. Specialty Analytical, Inc., Clackamas, Oregon.
- USEPA. 1986. Test methods for evaluating solid waste: physical/chemical methods. EPA-530/SW-846. U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response. September (revision 6, February 2007).
- USEPA. 2008. USEPA contract laboratory program, national functional guidelines for organics data review. EPA 540/R-08/01. U.S. Environmental Protection Agency, Office of Emergency and Remedial Response.

DATA QUALITY ASSURANCE/QUALITY CONTROL REVIEW

PROJECT NO. 8006.31.05 | DECEMBER 3, 2018 | UNION RIDGE INVESTMENT COMPANY

This report reviews the analytical results for groundwater samples collected by the Maul Foster & Alongi, Inc. (MFA) project team on the Union Ridge Investment Company site located at 122 N. Main Avenue in Ridgefield, Washington. The samples were collected in March 2015.

Specialty Analytical, Inc. (SA) performed the analyses. SA report number 1503066 was reviewed. The analyses performed and samples analyzed are listed below.

Analysis	Reference
cVOCs	USEPA 8260B

cVOC = chlorinated volatile organic compound.
USEPA = U.S. Environmental Protection Agency.

Samples Analyzed	
Report 1503066	
MW01-030415	MW09-030515
MW02-030415	MW16-030515
MW21-030415	MW15-030515
MW03-030415	MW20-0030615
MW08-030415	MW17-030615
MW04-030515	MW07-030615
MW05-030515	MW10-030615
MW05-030515-DUP	MW11-030615
MW06-030515	MW13-030615
MW14-030515	MW19-030615
MW18-030515	Trip Blank

DATA QUALIFICATIONS

Analytical results were evaluated according to applicable sections of USEPA procedures (USEPA, 2014) and appropriate laboratory and method-specific guidelines (SA, 2014; USEPA, 1986).

The data are considered acceptable for their intended use, with the appropriate data qualifiers assigned.

HOLDING TIMES, PRESERVATION, AND SAMPLE STORAGE

Holding Times

The analyses were performed within the recommended holding time criteria.

Preservation and Sample Storage

The samples were preserved and stored appropriately.

BLANKS

Method Blanks

Laboratory method blank analyses were performed at the required frequencies. For purposes of data qualification, the method blank was associated with all samples prepared in the analytical batch.

The USEPA Method 8260B method blank associated with batch R19226 had a tetrachloroethene (PCE) detection below the reporting limit (RL), at 0.310 microgram per liter (ug/L). The trip blank (Trip Blank_030615) also had a detection of PCE below the RL, at 0.250 ug/L. SA indicated in the case narrative that the low-level detections were related to instrument or analytical system contamination and that samples MW01-030415, MW02-030415, MW08-030415, MW04-030515, MW06-030515, MW14-030515, and MW19-030615 were affected. Samples have been qualified as follows: All sample detections were qualified as estimated with “J.” If PCE was detected between the method detection limit (MDL) and the RL, the sample was qualified with “U” as non-detect at the RL. PCE results above the RL that were less than ten times the trip blank result were qualified with “U” as non-detect at the reported value.

Report	Sample	Component	Original Result (ug/L)	Qualified Result (ug/L)
1503066	MW01-030415	PCE	2.00	2.00 U
1503066	MW02-030415	PCE	0.170 J	0.170 U
1503066	MW08-030415	PCE	0.370 J	0.370 U
1503066	MW06-030515	PCE	2.52	2.52 U
1503066	MW14-030515	PCE	0.880 J	0.880 U
1503066	MW19-030615	PCE	0.910 J	0.910 U
1503066	Trip Blank_030615	PCE	0.250 J	0.250 U

The remaining method blank was non-detect for all target analytes.

Trip Blanks

A trip blank (Trip Blank_030615) was submitted for this sampling event and analyzed for cVOCs by USEPA Method 8260B. The trip blank had a detection of PCE below the RL, at

0.25 ug/L. The PCE detection appears to be related to instrument carryover. Samples are qualified in the method blanks section above.

Equipment Rinsate Blanks

Equipment rinsate blanks were not required for this sampling event, as all samples were collected using dedicated, single-use equipment.

Continuing Calibration Blanks

Continuing calibration blanks (CCBs) were provided for some analyses. All CCBs were non-detect.

SURROGATE RECOVERY RESULTS

The samples were spiked with surrogate compounds to evaluate laboratory performance on individual samples.

The reviewer took no action based on minor surrogate outliers. The laboratory appropriately documented and qualified surrogate outliers. Associated batch quality assurance and quality control for samples with surrogate outliers were within acceptance limits. All remaining surrogate recoveries were within acceptance limits.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS

Matrix spike/matrix spike duplicate (MS/MSD) results are used to evaluate laboratory precision and accuracy. All MS/MSD samples were extracted and analyzed at the required frequency. All recoveries were within acceptance limits for percent recovery and relative percent differences (RPDs).

LABORATORY DUPLICATE RESULTS

Duplicate results are used to evaluate laboratory precision. All duplicate samples were extracted and analyzed at the required frequency. All RPDs were within acceptance limits.

LABORATORY CONTROL SAMPLE RESULTS

A laboratory control sample (LCS) is spiked with target analytes to provide information on laboratory precision and accuracy. An LCS sample was extracted and analyzed at the required frequency. All recoveries were within acceptance limits for percent recovery.

FIELD DUPLICATE RESULTS

Field duplicate samples measure both field and laboratory precision. One field duplicate (MW05-030515/MW05-030515-DUP) was submitted for analysis. MFA uses acceptance criteria of 100 percent RPD for results that are less than five times the method reporting limit (MRL), or 50 percent RPD for results that are greater than five times the MRL. Non-

detect data are not used in the evaluation of field duplicate results. All analytes were within the acceptance criteria.

CONTINUING CALIBRATION VERIFICATION RESULTS

Continuing calibration verification (CCV) results are used to demonstrate instrument precision and accuracy through the end of the sample batch. All CCV percent recoveries were within acceptance limits.

REPORTING LIMITS

SA reported results to MDLs. SA flagged results reported between the MDL and the RL with “J” as estimated.

DATA PACKAGE

The data packages were reviewed for transcription errors, omissions, and anomalies. No issues were found.

REFERENCES

- SA. 2014. Quality assurance manual. Specialty Analytical, Inc., Clackamas, Oregon.
- USEPA. 1986. Test methods for evaluating solid waste: physical/chemical methods. EPA-530/SW-846. U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response. September (revision 6, February 2007).
- USEPA. 2014. USEPA contract laboratory program, national functional guidelines for Superfund organic methods data review. EPA 540/R-014/002. U.S. Environmental Protection Agency, Office of Superfund Remediation and Technology Innovation. August.

DATA QUALITY ASSURANCE/QUALITY CONTROL REVIEW

PROJECT NO. 8006.31.05 | DECEMBER 3, 2018 | UNION RIDGE INVESTMENT COMPANY

This report reviews the analytical results for groundwater samples collected by the Maul Foster & Alongi, Inc. (MFA) project team on the Union Ridge Investment Company site located at 122 N. Main Avenue in Ridgefield, Washington. The samples were collected in June 2015.

Specialty Analytical, Inc. (SA) performed the analyses. SA report number 1506114 was reviewed. The analyses performed and samples analyzed are listed below.

Analysis	Reference
cVOCs	USEPA 8260B

cVOC = chlorinated volatile organic compound.
 USEPA = U.S. Environmental Protection Agency.

Samples Analyzed	
Report 1506114	
MW21-060915	MW11-061015
MW03-060915	MW13-061015
MW16-060915	MW18-061015
MW15-060915	MW05-061115
MW07-061015	MW05-061115-DUP
MW10-061015	MW09-061115
MW06-061015	Trip Blank
MW14-061115	--

DATA QUALIFICATIONS

Analytical results were evaluated according to applicable sections of USEPA procedures (USEPA, 2014) and appropriate laboratory and method-specific guidelines (SA, 2015; USEPA, 1986).

The data are considered acceptable for their intended use, with the appropriate data qualifiers assigned.

HOLDING TIMES, PRESERVATION, AND SAMPLE STORAGE

Holding Times

The analyses were performed within the recommended holding time criteria.

Preservation and Sample Storage

The samples were preserved and stored appropriately.

BLANKS

Method Blanks

Laboratory method blank analyses were performed at the required frequencies. For purposes of data qualification, the method blank was associated with all samples prepared in the analytical batch.

The USEPA Method 8260B method blank associated with batch R20807 had a tetrachloroethene (PCE) detection below the reporting limit (RL) and was qualified “J” as estimated at 0.250 microgram per liter (ug/L). If a sample showed a concentration of PCE between the method detection limit (MDL) and the RL, the sample was qualified with “U” as non-detect at the RL. PCE results above the RL that were less than ten times the method blank result were qualified with “U” as non-detect at the reported value. PCE results above the RL and more than ten times the method blank results were not qualified.

Report	Sample	Component	Original Result (ug/L)	Qualified Result (ug/L)
1506114	MW14-061115	PCE	0.450 J	1.0 U
1506114	MW18-061015	PCE	0.250 J	1.0 U

The remaining method blank was non-detect for all target analytes.

Trip Blanks

A trip blank (Trip Blank_061115) was submitted for this sampling event and analyzed for cVOCs by USEPA Method 8260B. The trip blank was non-detect for all analytes.

Equipment Rinsate Blanks

Equipment rinsate blanks were not collected for this sampling event.

Continuing Calibration Blanks

Continuing calibration blanks (CCBs) were provided for some analyses. All CCBs were non-detect, except for CCBs associated with batch R20807 at 0.230 J ug/L and batch R20744 at 0.210 J ug/L. Sample results associated with this batch have been evaluated and qualified based on method blank detections and qualifications are illustrated in the method blank section above.

SURROGATE RECOVERY RESULTS

The samples were spiked with surrogate compounds to evaluate laboratory performance on individual samples.

All surrogate recoveries were within acceptance limits.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS

Matrix spike/matrix spike duplicate (MS/MSD) results are used to evaluate laboratory precision and accuracy. All MS/MSD samples were extracted and analyzed at the required frequency. All recoveries were within acceptance limits for percent recovery and relative percent differences (RPDs).

LABORATORY DUPLICATE RESULTS

Duplicate results are used to evaluate laboratory precision. All duplicate samples were extracted and analyzed at the required frequency. All RPDs were within acceptance limits.

LABORATORY CONTROL SAMPLE RESULTS

A laboratory control sample (LCS) is spiked with target analytes to provide information on laboratory precision and accuracy. An LCS sample was extracted and analyzed at the required frequency. All recoveries were within acceptance limits for percent recovery.

FIELD DUPLICATE RESULTS

Field duplicate samples measure both field and laboratory precision. One field duplicate (MW05-061115/MW05-061115-DUP) was submitted for analysis. MFA uses acceptance criteria of 100 percent RPD for results that are less than five times the method reporting limit (MRL), or 50 percent RPD for results that are greater than five times the MRL. Non-detect data are not used in the evaluation of field duplicate results. All analytes were within the acceptance criteria.

CONTINUING CALIBRATION VERIFICATION RESULTS

Continuing calibration verification (CCV) results are used to demonstrate instrument precision and accuracy through the end of the sample batch. All CCV percent recoveries were within acceptance limits.

REPORTING LIMITS

SA reported results to MDLs. SA flagged results reported between the MDL and the RL with "J" as estimated.

DATA PACKAGE

The data packages were reviewed for transcription errors, omissions, and anomalies. No issues were found.

REFERENCES

- SA. 2015. Quality assurance manual. Specialty Analytical, Inc., Clackamas, Oregon.
- USEPA. 1986. Test methods for evaluating solid waste: physical/chemical methods. EPA-530/SW-846. U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response. September (revision 6, February 2007).
- USEPA. 2014. USEPA contract laboratory program, national functional guidelines for Superfund organic methods data review. EPA 540/R-014/002. U.S. Environmental Protection Agency, Office of Superfund Remediation and Technology Innovation. August.

DATA QUALITY ASSURANCE/QUALITY CONTROL REVIEW

PROJECT NO. 8006.31.05 | DECEMBER 3, 2018 | UNION RIDGE INVESTMENT COMPANY

This report reviews the analytical results for groundwater samples collected by the Maul Foster & Alongi, Inc. (MFA) project team on the Union Ridge Investment Company site located at 122 N. Main Avenue in Ridgefield, Washington. The samples were collected from September 14 through 17, 2015.

Specialty Analytical, Inc. (SA) performed the analyses. SA report numbers 1509125 and 1509155 were reviewed. The analyses performed are listed below.

Analysis	Reference
cVOCs	USEPA 8260B

cVOC = chlorinated volatile organic compound.
USEPA = U.S. Environmental Protection Agency.

Samples Analyzed	
Report 1509125	Report 1509155
MW08-091415	MW03-091615
MW09-091415	MW21-091615
MW04-091415	MW05-091615
MW19-091515	MW05-091615-DUP
MW11-091515	MW07-091615
MW15-091515	MW14-091715
MW13-091515	MW10-091715
MW16-091515	MW17-091715
MW06-091615	Trip Blank-091715
MW18-091615	--
MW20-091615	--
Trip Blank-091615	--
MW01-091615	--
MW02-091615	--

DATA QUALIFICATIONS

Analytical results were evaluated according to applicable sections of USEPA procedures (USEPA, 2014) and appropriate laboratory and method-specific guidelines (SA, 2015; USEPA, 1986).

The data are considered acceptable for their intended use, with the appropriate data qualifiers assigned.

HOLDING TIMES, PRESERVATION, AND SAMPLE STORAGE

Holding Times

Extractions and analyses were performed within the recommended holding time criteria.

Preservation and Sample Storage

The samples were preserved and stored appropriately.

BLANKS

Method Blanks

Laboratory method blank analyses were performed at the required frequencies. For purposes of data qualification, the method blanks were associated with all samples prepared in the analytical batch. When an analyte was detected in a sample and in the associated method blank, the sample result was qualified if the concentration was less than five times the method blank concentration.

The USEPA Method 8260B method blank associated with batch R21993 (SA Report 1509155) had a tetrachloroethene (PCE) detection below the reporting limit (RL) and was qualified “J” as estimated at 0.280 microgram per liter (ug/L). If a sample showed a concentration of PCE between the method detection limit (MDL) and the RL, the sample was qualified with “U” as non-detect at the RL. PCE results above the RL that were less than ten times the method blank result were qualified with “U” as non-detect at the reported value. PCE results above the RL and more than ten times the method blank results were not qualified.

Report	Sample	Component	Original Result (ug/L)	Qualified Result (ug/L)
1509155	MW17-091715	PCE	0.390 J	1.0 U
1509155	Trip Blank_091715	PCE	0.250 J	1.0 U

The remaining method blank was non-detect for all target analytes.

Trip Blanks

Trip blanks (Trip Blank-091615 and Trip Blank-091715) were submitted for this sampling event and analyzed for cVOCs by USEPA Method 8260B. The trip blank associated with report 1509125 was non-detect for all analytes.

The trip blank included with SA report 1509155 had a PCE detection below the RL and was qualified “J” as estimated at 0.250 ug/L. Similar to the evaluation provided in the Method Blank section above, all results within ten times the trip blank are to be qualified “U” as non-detect at the reported value. Only sample MW17-091715 is affected by the PCE detection in the trip blank. The trip blank is to be considered non-detect for PCE because of method blank detection (laboratory contamination). The trip blank result has been qualified “U” as non-detect at the RL.

Equipment Rinse Blanks

Equipment rinse blanks were not collected for this sampling event.

SURROGATE RECOVERY RESULTS

The samples were spiked with surrogate compounds to evaluate laboratory performance on individual samples.

All surrogate recoveries were within acceptance limits.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS

Matrix spike/matrix spike duplicate (MS/MSD) results are used to evaluate laboratory precision and accuracy. All MS/MSD samples were extracted and analyzed at the required frequency. All recoveries were within acceptance limits for percent recovery and relative percent differences (RPDs).

LABORATORY DUPLICATE RESULTS

Duplicate results are used to evaluate laboratory precision. All duplicate samples were extracted and analyzed at the required frequency. All RPDs were within acceptance limits.

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RESULTS

A laboratory control sample/laboratory control sample duplicate (LCS/LCSD) is spiked with target analytes to provide information on laboratory precision and accuracy. The LCS/LCSD samples were extracted and analyzed at the required frequency. All LCS/LCSD analytes were within acceptance limits for percent recovery.

FIELD DUPLICATE RESULTS

Field duplicate samples measure both field and laboratory precision. One field duplicate (MW05-091615/ MW05-091615-Dup) was submitted for analysis. MFA uses acceptance criteria of 100 percent RPD for results that are less than five times the method reporting limit (MRL), or 50 percent RPD for results that are greater than five times the MRL. Non-detect data are not used in the evaluation of field duplicate results. All analytes were within the acceptance criteria.

CONTINUING CALIBRATION VERIFICATION RESULTS

Continuing calibration verification (CCV) results are used to demonstrate instrument precision and accuracy through the end of the sample batch. CCV percent recoveries were within acceptance limits for the list provided.

REPORTING LIMITS

SA reported results to MDLs. SA flagged results reported between the MDL and the RL with "J" as estimated.

DATA PACKAGE

The data packages were reviewed for transcription errors, omissions, and anomalies. None were found.

REFERENCES

- SA. 2015. Quality assurance manual. Specialty Analytical, Inc., Clackamas, Oregon.
- USEPA. 1986. Test methods for evaluating solid waste: physical/chemical methods. EPA-530/SW-846 Update V. U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response. September (revision 1, July 2014).
- USEPA. 2014. USEPA contract laboratory program, national functional guidelines for Superfund organic methods data review. EPA 540/R-014/002. U.S. Environmental Protection Agency, Office of Superfund Remediation and Technology Innovation. August.

DATA QUALITY ASSURANCE/QUALITY CONTROL REVIEW

PROJECT NO. 8006.31.05 | DECEMBER 3, 2018 | UNION RIDGE INVESTMENT COMPANY

This report reviews the analytical results for groundwater samples collected by the Maul Foster & Alongi, Inc. (MFA) project team on the Union Ridge Investment Company site located at 122 N. Main Avenue in Ridgefield, Washington. The samples were collected on December 21 through 23, 2015.

Specialty Analytical, Inc. (SA) performed the analyses. SA report number 1512289rev1 was reviewed. The analysis performed is listed below.

Analysis	Reference
cVOCs	USEPA 8260B

cVOC = chlorinated volatile organic compound.
USEPA = U.S. Environmental Protection Agency.

Samples Analyzed	
Report 1512289rev1	
MW15-122115	MW05-122215-DUP
MW16-122115	MW09-122215
MW03-122115	MW07-122215
MW21-122115	MW10-122215
MW06-122215	MW13-122315
MW18-122215	MW11-122315
MW14-122215	Trip Blank_12232015
MW05-122215	-

DATA QUALIFICATIONS

Analytical results were evaluated according to applicable sections of USEPA procedures (USEPA, 2014) and appropriate laboratory and method-specific guidelines (SA, 2015; USEPA, 1986).

The data are considered acceptable for their intended use, with the appropriate data qualifiers assigned.

HOLDING TIMES, PRESERVATION, AND SAMPLE STORAGE

Holding Times

Extractions and analyses were performed within the recommended holding time criteria.

Preservation and Sample Storage

The samples were preserved and stored appropriately.

BLANKS

Method Blanks

Laboratory method blank analyses were performed at the required frequencies. For purposes of data qualification, the method blanks were associated with all samples prepared in the analytical batch. The method blank was non-detect for all target analytes.

Trip Blanks

A trip blank (Trip Blank_12232015) was submitted for this sampling event and analyzed for cVOCs by USEPA Method 8260B. As shown in report 1512289rev1, tetrachloroethene (PCE) was detected in the trip blank between the method detection limit (MDL) and the reporting limit, at 0.270 microgram per liter (ug/L). Associated samples with detections below the reporting limit, qualified by laboratory with "J" for estimated, were qualified with "U" as non-detect at the reporting limit value. Remaining sample detections were above the reporting limit and did not require qualification.

Report	Sample	Component	Original Result (ug/L)	Qualified Result (ug/L)
1512289rev1	MW18-122215	PCE	0.350 J	1.0 U

J = estimated.

Equipment Rinsate Blanks

Equipment rinsate blanks were not collected for this sampling event.

SURROGATE RECOVERY RESULTS

The samples were spiked with surrogate compounds to evaluate laboratory performance on individual samples.

All surrogate recoveries were within acceptance limits.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS

Matrix spike/matrix spike duplicate (MS/MSD) results are used to evaluate laboratory precision and accuracy. All MS/MSD samples were extracted and analyzed at the required frequency. All recoveries were within acceptance limits for percent recovery and relative percent differences (RPDs).

LABORATORY DUPLICATE RESULTS

Duplicate results are used to evaluate laboratory precision. A laboratory duplicate sample was not reported. Laboratory precision was evaluated with the MS/MSD RPD.

LABORATORY CONTROL SAMPLE RESULTS

A laboratory control sample (LCS) is spiked with target analytes to provide information on laboratory accuracy. The LCS sample was extracted and analyzed at the required frequency. All LCS analytes were within acceptance limits for percent recovery.

FIELD DUPLICATE RESULTS

Field duplicate samples measure both field and laboratory precision. One field duplicate was submitted for analysis (MW05-122215/ MW05-12215-DUP). MFA uses acceptance criteria of 100 percent RPD for results that are less than five times the method reporting limit (MRL), or 50 percent RPD for results that are greater than five times the MRL. Non-detect data are not used in the evaluation of field duplicate results. All analytes were within the acceptance criteria.

CONTINUING CALIBRATION VERIFICATION RESULTS

Continuing calibration verification (CCV) results are used to demonstrate instrument precision and accuracy through the end of the sample batch. For the list of analytes evaluated in laboratory CCVs, all CCV percent recoveries were within acceptance limits.

REPORTING LIMITS

SA reported results to MDLs and reporting limits. SA flagged results reported between the MDL and reporting limit with “J,” as estimated.

DATA PACKAGE

The data package was reviewed for transcription errors, omissions, and anomalies.

The field duplicate sample name was recorded on the chain of custody as MW05-122215 instead of MW05-12215-DUP. The sample name was reported correctly in the final report.

No other issues were found.

REFERENCES

- SA. 2015. Quality assurance manual. Specialty Analytical, Inc., Clackamas, Oregon.
- USEPA. 1986. Test methods for evaluating solid waste: physical/chemical methods. EPA-530/SW-846 Update V. U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response. September (revision 1, July 2014).
- USEPA. 2014. USEPA contract laboratory program, national functional guidelines for Superfund organic methods data review. EPA 540/R-014/002. U.S. Environmental Protection Agency, Office of Superfund Remediation and Technology Innovation. August.

DATA QUALITY ASSURANCE/QUALITY CONTROL REVIEW

PROJECT NO. 8006.31.05 | DECEMBER 3, 2018 | UNION RIDGE INVESTMENT COMPANY

This report reviews the analytical results for groundwater samples collected by the Maul Foster & Alongi, Inc. (MFA) project team on the Union Ridge Investment Company site located at 122 N. Main Avenue in Ridgefield, Washington. The samples were collected on March 21 through 23, 2016.

Specialty Analytical, Inc. (SA) performed the analyses. SA report number 1603240 was reviewed. The analysis performed is listed below.

Analysis	Reference
Chlorinated Volatile Organic Compounds	USEPA 8260B

USEPA = U.S. Environmental Protection Agency.

Samples Analyzed
Report 1603240
MW21-032116
MW01-032116
MW02-032116
MW03-032116
MW14-032116
MW05-032116
MW05-032116-DUP
MW09-032116
MW06-032216
MW18-032216
MW20-032216
MW15-032216
MW11-032216
MW16-032216
MW13-032216
MW19-032216
MW07-032216
MW10-032216
MW17-032216
MW08-032316
MW04-032316

DATA QUALIFICATIONS

Analytical results were evaluated according to applicable sections of USEPA procedures (USEPA, 2014) and appropriate laboratory and method-specific guidelines (SA, 2015; USEPA, 1986).

The data are considered acceptable for their intended use, with the appropriate data qualifiers assigned.

HOLDING TIMES, PRESERVATION, AND SAMPLE STORAGE

Holding Times

Extractions and analyses were performed within the recommended holding time criteria.

Preservation and Sample Storage

The samples were preserved and stored appropriately.

BLANKS

Method Blanks

Laboratory method blank analyses were performed at the required frequencies. For purposes of data qualification, the method blanks were associated with all samples prepared in the analytical batch. If an analyte was detected in a sample and in the associated method blank, the sample result was qualified if the concentration was less than five times the method blank concentration.

In report 1603240 batch R24482 a method blank detection for tetrachloroethene (PCE) of 0.250 microgram per liter was observed. All associated sample results for PCE either were non-detect or were detected at concentrations greater than five times the method blank concentration. Thus no qualifications based on method blank results were made.

All other method blank results were non-detect for all target analytes.

Trip Blanks

Trip blanks were not collected for this sampling event.

Equipment Rinsate Blanks

Equipment rinsate blanks were not collected for this sampling event.

SURROGATE RECOVERY RESULTS

The samples were spiked with surrogate compounds to evaluate laboratory performance on individual samples.

All surrogate recoveries were within acceptance limits.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS

Matrix spike/matrix spike duplicate (MS/MSD) results are used to evaluate laboratory precision and accuracy. All MS/MSD samples were extracted and analyzed at the required frequency. All recoveries were within acceptance limits for percent recovery and relative percent differences (RPDs).

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RESULTS

A laboratory control sample/laboratory control sample duplicate (LCS/LCSD) is spiked with target analytes to provide information on laboratory precision and accuracy. The LCS/LCSD samples were extracted and analyzed at the required frequency. All LCS/LCSD analytes were within acceptance limits for percent recovery.

FIELD DUPLICATE RESULTS

Field duplicate samples measure both field and laboratory precision. One field duplicate was submitted for analysis (MW05-032116/MW05-032116-DUP). MFA uses acceptance criteria of 100 percent RPD for results that are less than five times the method reporting limit (MRL), or 50 percent RPD for results that are greater than five times the MRL. Non-detect data are not used in the evaluation of field duplicate results. All analytes were within the acceptance criteria.

CONTINUING CALIBRATION VERIFICATION RESULTS

Continuing calibration verification (CCV) results are used to demonstrate instrument precision and accuracy through the end of the sample batch. For the list of analytes evaluated in laboratory CCVs, all CCV percent recoveries were within acceptance limits.

REPORTING LIMITS

SA reported results to method detection limits (MDLs). SA flagged results reported between the MDL and reporting limit with “J,” as estimated.

DATA PACKAGE

The data package was reviewed for transcription errors, omissions, and anomalies. None were found.

REFERENCES

- SA. 2015. Quality assurance manual. Specialty Analytical, Inc., Clackamas, Oregon.
- USEPA. 1986. Test methods for evaluating solid waste: physical/chemical methods. EPA-530/SW-846 Update V. U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response. September (revision 1, July 2014).
- USEPA. 2014. USEPA contract laboratory program, national functional guidelines for Superfund organic methods data review. EPA 540/R-014/002. U.S. Environmental Protection Agency, Office of Superfund Remediation and Technology Innovation. August.

DATA QUALITY ASSURANCE/QUALITY CONTROL REVIEW

PROJECT NO. 8006.31.05 | DECEMBER 3, 2018 | UNION RIDGE INVESTMENT COMPANY

This report reviews the analytical results for groundwater samples collected on behalf of Union Ridge Investment Company by the Maul Foster & Alongi, Inc. (MFA) project team on the former Park Laundry site at 122 N. Main Avenue in Ridgefield, Washington. The samples were collected on September 7, 8, and 9, 2016.

Specialty Analytical, Inc. (SA) performed the analyses. SA report number 1609073 was reviewed. The analysis performed and samples analyzed are listed below.

Analysis	Reference
Chlorinated Volatile Organic Compounds	USEPA 8260B

USEPA = U.S. Environmental Protection Agency.

Samples Analyzed	
Report 1609073	
MW14-090716	MW03-090816
MW20-090716	MW05-090816
MW06-090716	MW05-090816-DUP
MW18-090716	MW07-090816
MW17-090716	MW11-090816
MW13-090716	MW10-090816
MW04-090816	MW08-090916
MW01-090816	MW16-090916
MW02-090816	MW19-090916
MW09-090816	MW15-090916
MW21-090816	TRIP BLANK

DATA QUALIFICATIONS

Analytical results were evaluated according to applicable sections of USEPA procedures (USEPA, 2014) and appropriate laboratory and method-specific guidelines (SA, 2015; USEPA, 1986).

The data are considered acceptable for their intended use, with the appropriate data qualifiers assigned.

HOLDING TIMES, PRESERVATION, AND SAMPLE STORAGE

Holding Times

Extractions and analyses were performed within the recommended holding time criteria.

Preservation and Sample Storage

The samples were preserved and stored appropriately.

BLANKS

Method Blanks

Laboratory method blank analyses were performed at the required frequencies. For purposes of data qualification, the method blanks were associated with all samples prepared in the analytical batch.

All method blank results were non-detect for all target analytes.

Trip Blanks

A trip blank was submitted for analysis by USEPA Method 8260B. The trip blank was non-detect for all target analytes.

Equipment Rinsate Blanks

Equipment rinsate blanks were not collected for this sampling event.

SURROGATE RECOVERY RESULTS

The samples were spiked with surrogate compounds to evaluate laboratory performance on individual samples.

All surrogate recoveries were within acceptance limits.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS

Matrix spike/matrix spike duplicate (MS/MSD) results are used to evaluate laboratory precision and accuracy. All MS/MSD samples were extracted and analyzed at the required frequency. All recoveries were within acceptance limits for percent recovery and relative percent differences (RPDs).

LABORATORY CONTROL SAMPLE RESULTS

A laboratory control sample (LCS) is spiked with target analytes to provide information on laboratory accuracy. The LCS sample was analyzed at the required frequency. All LCS analytes were within acceptance limits for percent recovery.

FIELD DUPLICATE RESULTS

Field duplicate samples measure both field and laboratory precision. One field duplicate was submitted for analysis (MW05-090816/MW05-090816-DUP). MFA uses acceptance criteria of 100 percent RPD for results that are less than five times the method reporting limit (MRL),

or 50 percent RPD for results that are greater than five times the MRL. Non-detect data are not used in the evaluation of field duplicate results. All analytes were within the acceptance criteria.

CONTINUING CALIBRATION VERIFICATION RESULTS

Continuing calibration verification (CCV) results are used to demonstrate instrument precision and accuracy through the end of the sample batch. For the list of analytes evaluated in laboratory CCVs, all CCV percent recoveries were within acceptance limits.

REPORTING LIMITS

SA reported results to method detection limits (MDLs). SA flagged results reported between the MDL and the reporting limit with “J,” as estimated.

DATA PACKAGE

The data package was reviewed for transcription errors, omissions, and anomalies. The trip blank was recorded on the chain of custody by the laboratory. No action was necessary.

No other issues were found.

REFERENCES

- SA. 2015. Quality assurance manual. Specialty Analytical, Inc., Clackamas, Oregon.
- USEPA. 1986. Test methods for evaluating solid waste: physical/chemical methods. EPA-530/SW-846 Update V. U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response. September (revision 1, July 2014).
- USEPA. 2014. USEPA contract laboratory program, national functional guidelines for Superfund organic methods data review. EPA 540/R-014/002. U.S. Environmental Protection Agency, Office of Superfund Remediation and Technology Innovation. August.

APPENDIX F

SLUG TEST RESULTS



Table F-1
Aquifer Testing Calculations
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Test	Date	S (ft)	K (ft/day)—Hvorslev	K (ft/day)—Bouwer & Rice	K (gal/day/ft ²) ^a	T=KS (gal/day/ft)	Q=(S*T)/1500 (gpm)
MW01-A	12/05/2014	8.46	0.81	0.59	4.38	37.08	0.21
MW01-B	12/05/2014	8.46	0.76	0.59	4.38	37.08	0.21
MW01-C	12/05/2014	8.46	0.80	0.59	4.39	37.15	0.21
MW01 Average	12/05/2014	8.46	0.79	0.59	4.39	37.10	0.21
MW03-A	12/05/2014	9.31	1.11	0.83	6.22	57.87	0.36
MW04-A	12/05/2014	10.37	0.71	0.52	3.90	40.41	0.28
MW04-B	12/05/2014	10.37	0.76	0.56	4.21	43.67	0.30
MW04-C	12/05/2014	10.37	1.05	0.80	6.01	62.36	0.43
MW04 Average	12/05/2014	10.37	0.84	0.63	4.71	48.82	0.34
MW08-A	12/08/2014	45.22	8.39	4.91	36.73	1660.79	50.07
MW08-B	12/08/2014	45.22	8.85	5.08	38.00	1718.29	51.80
MW08-C	12/08/2014	45.22	8.89	5.55	41.51	1877.26	56.59
MW08-D	12/08/2014	45.22	8.13	5.49	41.07	1856.97	55.98
MW08 Average	12/08/2014	45.22	8.57	5.26	39.33	1778.33	53.61
MW15-A	12/08/2014	23.76	3.36	2.88	21.54	511.85	8.11
MW15-B	12/08/2014	23.76	3.96	3.15	23.56	559.83	8.87
MW15-C	12/08/2014	23.76	3.09	2.20	16.46	390.99	6.19
MW15-D	12/08/2014	23.76	4.05	2.38	17.80	422.99	6.70
MW15 Average	12/08/2014	23.76	3.62	2.65	19.84	471.42	7.47
MW16-A	12/08/2014	24.79	3.16	2.18	16.31	404.24	6.68
MW16-B	12/08/2014	24.79	3.14	2.91	21.77	539.60	8.92
MW16-C	12/08/2014	24.79	3.89	2.43	18.18	450.59	7.45
MW16-D	12/08/2014	24.79	3.32	1.91	14.29	354.17	5.85
MW16-E	12/08/2014	24.79	3.11	2.16	16.16	400.53	6.62
MW16 Average	12/08/2014	24.79	3.32	2.32	17.34	429.82	7.10

NOTES:

ft = feet.

ft/day = feet per day.

gal/day/ft = gallons per day per foot.

gal/day/ft² = gallons per day per square foot.

gpm = gallons per minute.

K = hydraulic conductivity.

Q = maximum yield.

S = aquifer thickness.

T = transmissivity.

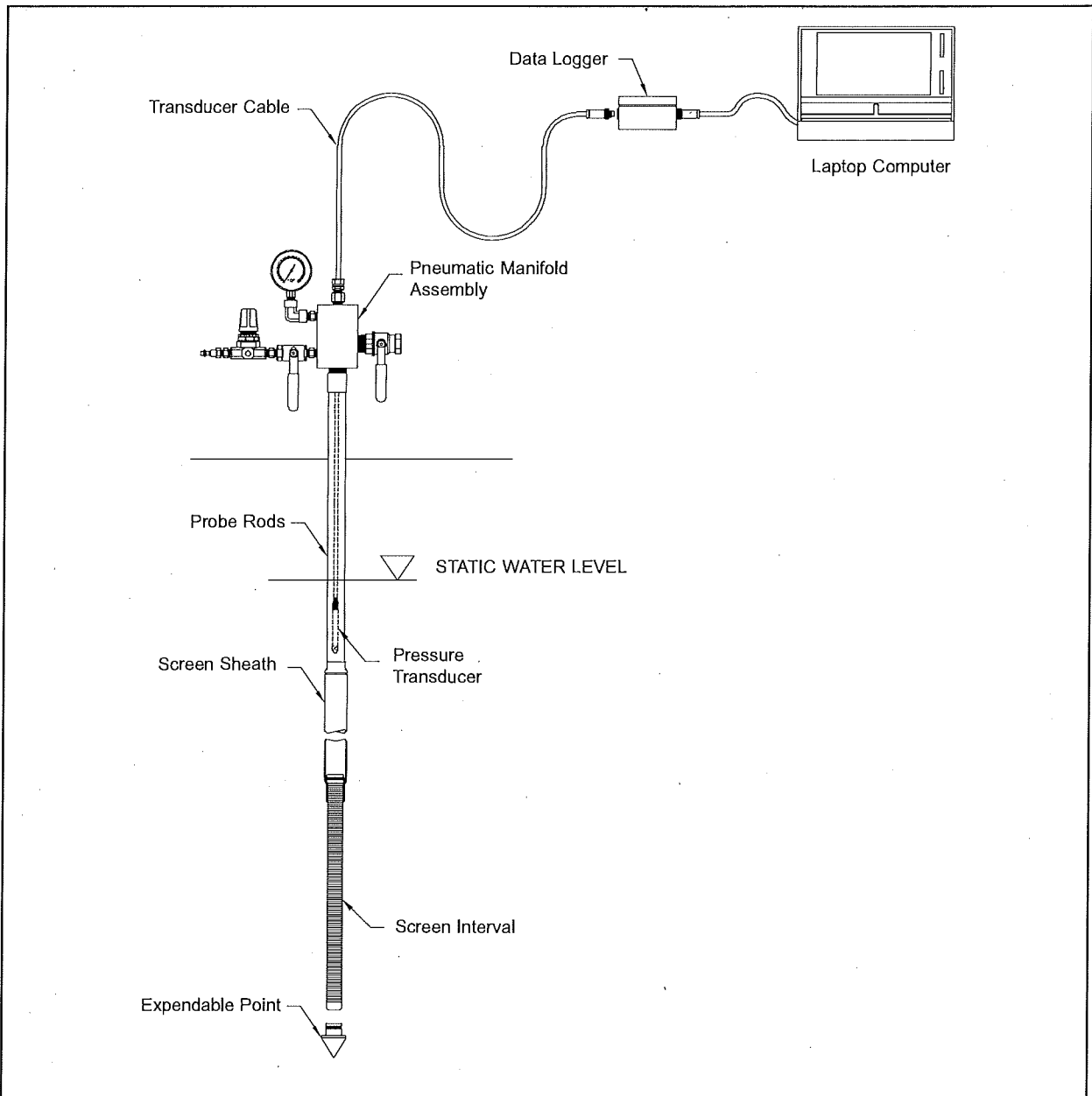
^aConversion factor for K from ft/day to gal/day/ft² is 7.48 (7.48 gal in a cubic foot).

GEOPROBE® PNEUMATIC SLUG TEST KIT

STANDARD OPERATING PROCEDURE

Technical Bulletin No. 19344

PREPARED: February, 2002



PNEUMATIC SLUG TESTING WITH A SP15/SP16 GROUNDWATER SAMPLER



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1.0 Objective

The Pneumatic Slug Test Kit is used in conjunction with a groundwater sampler such as the Screen Point 15 or a monitoring well to conduct pneumatic slug tests in saturated formations of unconsolidated soils or sediments. This document identifies the equipment and techniques required to successfully operate the Pneumatic Slug Test Kit (GW1600) and obtain the necessary data to determine the formation hydraulic conductivity.

2.0 Background

2.1 Definitions

Geoprobe®: A brand name of high quality, hydraulically-powered machines that utilize both static force and percussion to advance sampling and logging tools into the subsurface. The Geoprobe® brand name refers to both machines and tools manufactured by Geoprobe Systems®, Salina, Kansas. Geoprobe® tools are used to perform soil core and soil gas sampling, groundwater sampling and testing, soil conductivity and contaminant logging, grouting, and materials injection.

**Geoprobe® is a registered trademark of Kejr, Inc., Salina, Kansas.*

Slug Test: Fetter (1994) defines a slug test as “an aquifer test made by pouring a small instantaneous charge of water into a well or by withdrawing a slug of water from the well” (e.g. with a bailer). The initial change in the water level or head (H_0) is recorded and then the time (seconds) and changing water level (H_t) at each time increment are recorded. The water level changes at each time increment are normalized by the initial change of water level (H_t/H_0) and plotted on semilog graph paper (Fig. 2.1). Information from this graph is then used to calculate the hydraulic conductivity of the formation.

Hydraulic Conductivity (K): Again, Fetter 1994 defines hydraulic conductivity (K) as “a coefficient of proportionality describing the **rate at which water can move through a permeable medium**” (emphasis added). Note that this definition says “can move”. To know the actual flow rate at a location, the groundwater gradient must also be measured. There are two primary reasons why we are interested in the “K-value” of a formation, or portion of a formation. First, this helps us know if the formation is a viable aquifer, that is can it yield enough water for a well. Second, the K-value gives us a measure of how fast contaminants could move through a formation and reach a water supply well. This information can be used to determine the potential ‘risk’ caused by the presence of contaminants in the subsurface for risk based corrective action (RBCA) models (ASTM E 1739) and for evaluating the application of monitored natural attenuation (MNA) as a remedial option (EPA 1998). The formation hydraulic conductivity is also a key piece of information required to properly design many groundwater remediation systems.

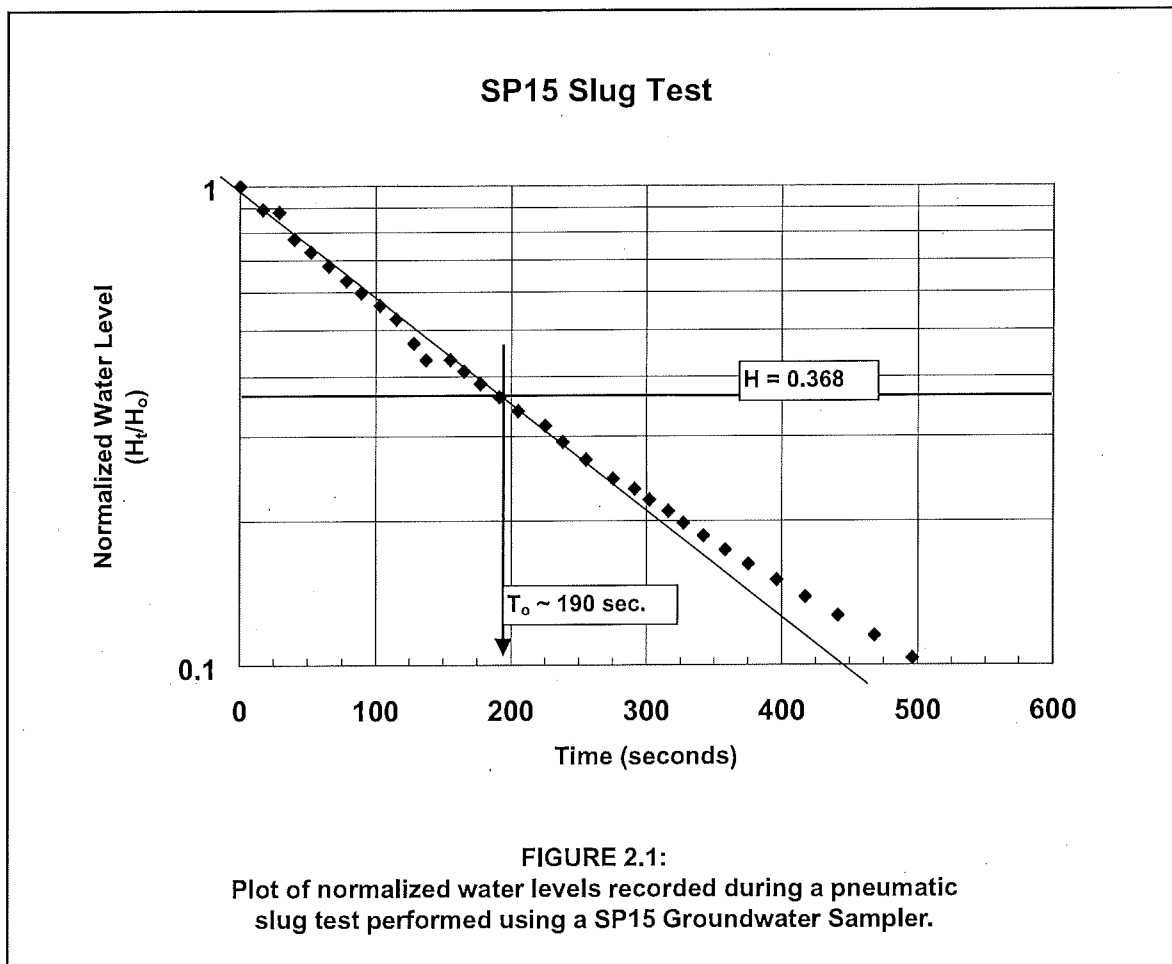
2.2 Discussion

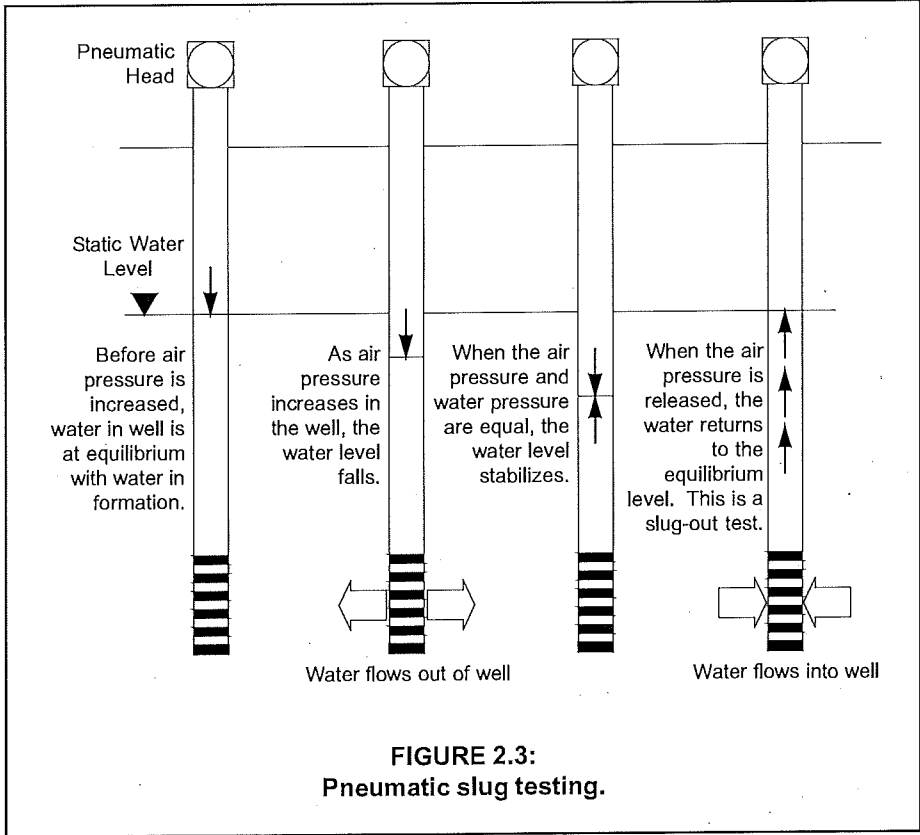
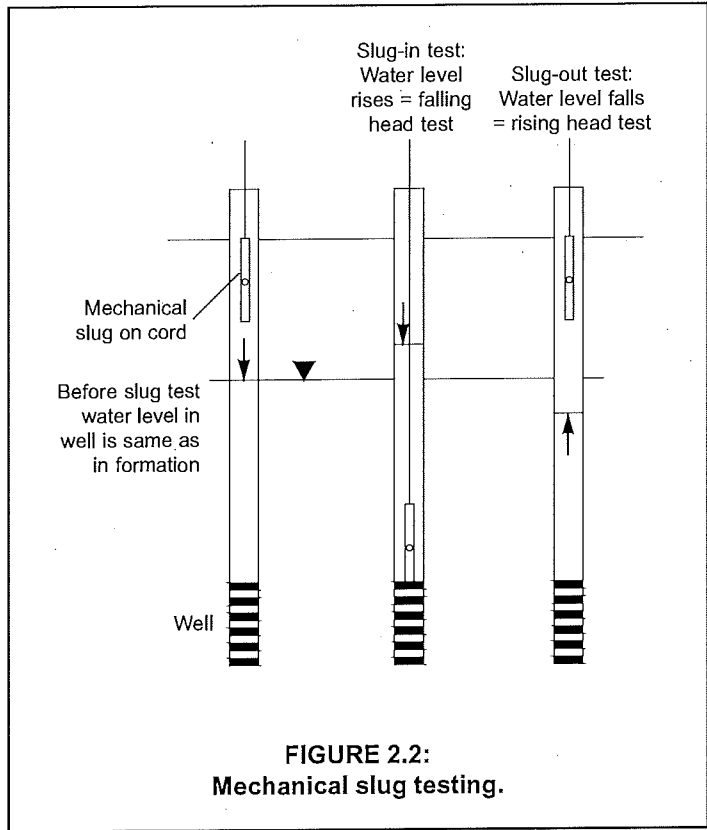
Water should not be added to a well located in a contaminated aquifer when performing a slug test. Likewise, as little water as possible should be removed from the well in order to minimize waste handling. Because of this, investigators slug testing for environmental purposes began using “mechanical slugs” to initiate slug tests and pressure transducers to record the data. A pressure transducer is especially needed in fast recovering wells.

A mechanical slug is simply a length of pipe filled with sand, capped on both ends, with a cord on one end to lower and recover the slug from the well. This method (Fig. 2.2) works well in many formations, but usually causes some splashing in the well as the slug is lowered or raised. When the slug test is over in 20 or 30 seconds, as for many sandy aquifers, this splashing ‘noise’ can interfere with the data collection and the results may be useless or questionable at best. This is why pneumatic slug testing was developed (Prosser 1981, Butler 1997).

In pneumatic slug testing the well head is sealed and air pressure is used to displace/lower the water level. As air pressure in the well is increased, the water level falls (Fig. 2.3) until the water pressure 'up' and the air pressure 'down' are equal. Once the water level is stable, a release valve is quickly opened, instantaneously releasing the air pressure. The water level recovers (rising head test) without splashing and the pressure transducer and data logger/computer record the changes in water level and time.

Pneumatic slug testing can provide very high quality data with essentially no "noise" or interference from splashing as is caused by the mechanical slug method. This becomes more important in very high-K formations which yield an oscillatory response to slug testing.





3.0 Required Equipment

The following equipment is required in order to perform a pneumatic slug test with the GW1600 Slug Test Kit. Refer to Figure 3.1 for identification of the major parts included in the GW1600 kit.

Pneumatic Slug Test Kit (GW1600) includes:

Description	Quantity	Part Number
Pneumatic Head Assembly	(1)	17631
Low-Pressure Hose Assembly	(1)	17644
Foot Pump Assembly	(1)	17643
Transducer Assembly	(1)	19345
Data Logger	(1)	GW1610
Integral Data/Power Cable	(1)	19174
Power Cord	(1)	16839
Power Inverter (12VDC to 120VAC)	(1)	SC152
12V Socket Adapter (direct push machine to inverter)	(1)	10138
Data Acquisition Software (CD)	(1)	GW1615
Probe Rod Adapters:		
1.25-inch Pin x 1.5-inch Box	(1)	15813
2.125-inch rod adapter with valve	(1)	19165
Leak Test Fluid (8-ounce bottle)	(1)	12356
Teflon® Tape (1/2-inch x 50 feet roll)	(1)	8819
O-rings:		
1.25-inch Probe Rods	(1)	AT1250R
1.5-inch Probe Rods	(1)	15389
2.125-inch Probe Rods	(1)	AT2100R
Carrying Case*	(1)	19329

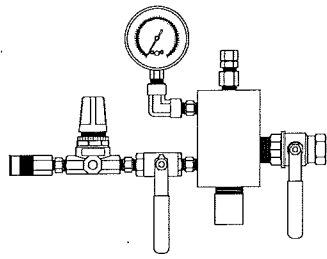
*Total weight of the Pneumatic Slug Test Kit and carrying case is approximately 29.8 lbs. (13.5 Kg).

Other materials or equipment that may be required for slug testing with this kit include:

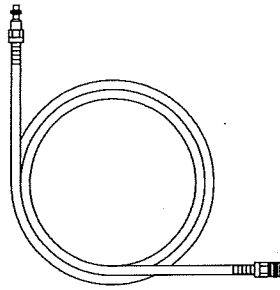
Well or Groundwater Sampler (installed and developed)
 Lap Top Computer (for running data acquisition software)
 Power Supply (120V line current or 12V vehicle battery connection)
 Poly Tubing (TB25L) and Check Valve (GW42) or other device for well development
 Miscellaneous Hand Tools (wrenches, pliers, screw drivers, etc.)

PVC casing adapters will be required for slug testing monitoring wells with PVC casing:

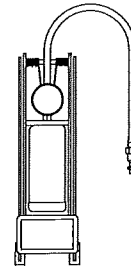
PVC Casing	Adapter Description	Quantity	Part Number
1/2-inch Schedule 80	Bushing, adapts 17558 to 1/2-inch PVC	(1)	17559
3/4-inch Schedule 40	Bushing, adapts 17558 to 3/4-inch PVC	(1)	19424
1-inch Schedule 40	Adapter, connects 17631 to 1-inch PVC	(1)	17558
2-inch Schedule 40	Coupling, adapts 19165 to 2-inch PVC	(1)	2164
Extension Tube, 18-inch, PVC (threads between 17631 and 17558)		(1)	17821



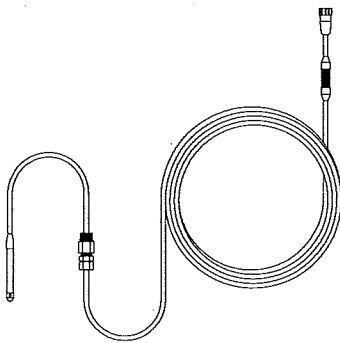
Pneumatic Head Assembly
(17631)



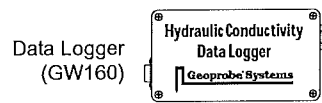
Low-Pressure Hose Assembly
(17644)



Foot Pump Assembly
(17643)



Transducer Assembly
(19345)

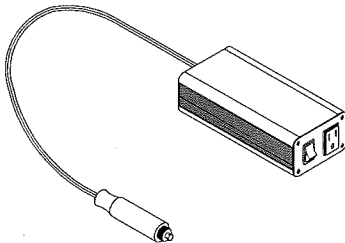


Data Logger
(GW160)

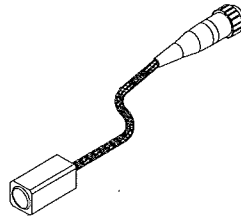
Integral Data/Power Cable
(19174)



Power Cord
(16839)



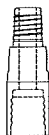
Power Inverter
(SC152)



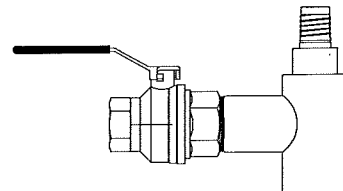
12V Socket Adapter
(10138)



Leak Test Fluid
(12356)



Adapter, 1.25 Pin x 1.5 Box
(15813)



2.125-inch Rod Adapter with Valve
(17532)

FIGURE 3.1:
Major components of the GW1600 Pneumatic Slug Test Kit. (Items not to scale)

4.0 Groundwater Sampler or Monitoring Well Installation

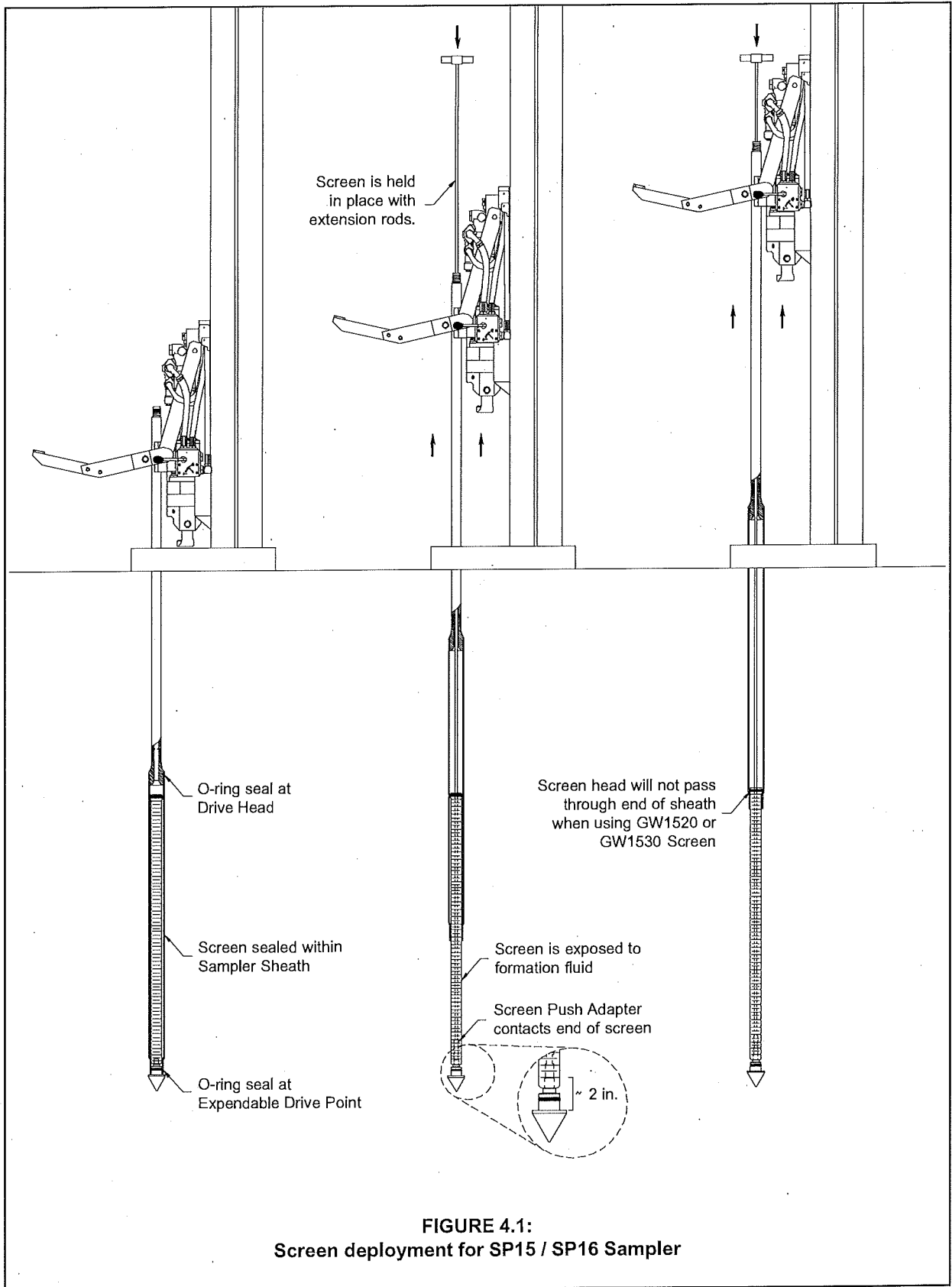
During the installation of the ground water sampler or monitoring well, the appropriate O-rings must be used on each casing or rod joint to assure that an airtight system is installed for pneumatic slug testing. To help preserve the integrity of the O-rings, first drive the rod to near ground surface, remove the drive cap, then install the O-ring and the next rod. When installing the SP15 sampler, be sure to use the appropriate O-rings on each part of the assembly as specified in the SOP. O-ring kits are available for the SP15 and SP16 groundwater samplers.

Follow the manufacturer's standard operating procedure (SOP) for installation of the sampler or monitoring well. Geoprobe® SOPs are available for the Screen Point 15 and Screen Point 16 Groundwater Samplers (Tech. Bull. No. 95-1500), Dual Tube (DT21) Groundwater Profiler Kit Instructions (Bull. No. 19275) or the Geoprobe® Prepacked Screen Monitoring Well SOPs (Tech. Bull. Nos. 96-2000 or 99-2500). Free copies of these bulletins may be obtained by contacting Geoprobe Systems®.

Standard Guides and Practices are also available from the American Society of Standards and Materials (ASTM D 6001, D 6724, D 6725) to provide further assistance on proper installation practices if needed. These Standards are available by contacting ASTM at 610-832-9585 or via the internet at www.astm.org.

In this Standard Operating Procedure (SOP) the Screen Point 15 groundwater sampler will be used to illustrate how the Pneumatic Slug Test Kit is used to conduct slug testing. The pneumatic slug testing procedures described here will be essentially the same for any Geoprobe® groundwater sampler or monitoring well. Only the adapter for attaching the pneumatic head to the well or sampler will be different.

The SP15 sampler is assembled and advanced to the bottom of the interval to be tested. Geoprobe® extension rods and screen push adapter (GW1535) are used to hold the screen in position as the rods and screen sheath are retracted with the direct push machine (Fig. 4.1). It is important to know the length of screen exposed to the formation so that an accurate K-value can be determined. For this reason, the length of screen to be exposed to the formation is measured and marked off on the extension rods before retraction is started. Approximately 2 inches (50 mm) must be added to the retraction distance to obtain the desired exposed screen length because of the expendable point and solid tip on the screen (Fig. 4.1, inset). Once the screen is in position, the sampler is ready for development.



5.0 Development of Screened Interval

Appropriate well development is absolutely essential in order to obtain representative slug test results from a well or sampler. Without adequate development the K-value determined from slug testing may be more than ten times lower than the true value (Butler 1997). In ASTM Guide D 5521 *well development* is defined as:

- the act of repairing damage to the borehole caused by the drilling process and removing fine grained materials or drilling fluids, or both, from the formation materials so that natural hydraulic conditions are restored ...

While the direct push method of well installation usually does not involve rotary drilling or drilling fluids, formation damage often occurs. This is usually compression of the formation as the tool string is advanced and may include smearing of clays on the borehole wall in formations containing these fine grained materials. In poorly cohesive materials such as saturated sands, reparation of the damage is usually easy and relatively quick. The simple tubing check valve (GW42) and polyethylene tubing are lowered into the screen interval and vigorously oscillated up and down (Fig. 5.1). The vigorous oscillating action both surges the screen interval and purges dislodged fines from the well simultaneously.

Even in what are generally termed “clean sands”, turbid, muddy water is purged from the well. Surging and purging should be conducted throughout the length of the exposed screen to properly develop the entire screen exposed to the formation. For each one-foot (30 cm) of screen length, purging from one to three gallons (4 to 12 liters) of water with the tubing check valve method is usually sufficient to obtain representative results. In sandy formations this may require from 5 to 20 minutes depending on the yield of the formation. When development of the well is complete, repeated slug tests will provide consistent results. Therefore, one way of checking for adequate development is to run three or more slug tests and see if the response curves are consistent and symmetrical. If the results change noticeably with each slug test, further development may be required.

In formations containing a significant proportion of clays, care must be taken in the development process so that clogging of the screen and irreversible well damage do not occur. In some of these formations, purging with a peristaltic pump or bladder pump may be the best option for development. In very low hydraulic conductivity formations, it may be necessary to core the formation across the interval to be screened in order to prevent significant damage to the formation which may not be repaired with usual development methods. One possible method for slug testing in very low-K formations is discussed in Section 13.2 (Slug Tests with the Dual Tube Groundwater Profiler).

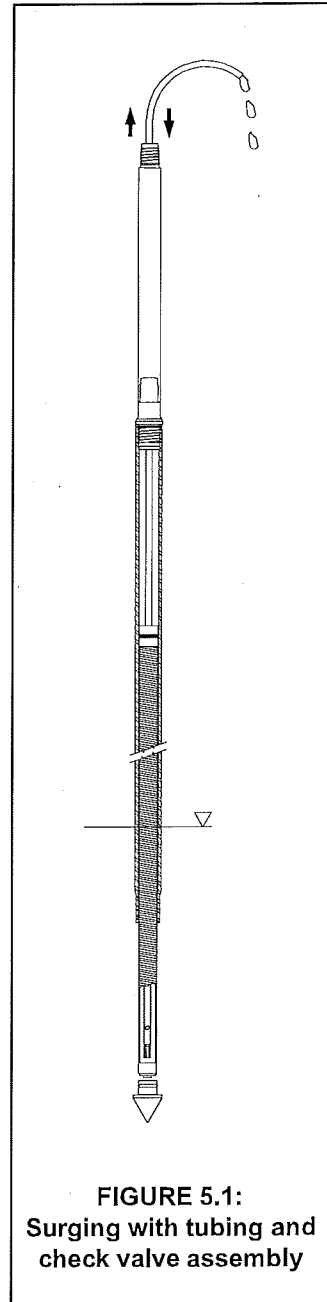


FIGURE 5.1:
Surging with tubing and
check valve assembly

6.0 Well Parameters Required for Calculation of Hydraulic Conductivity

Accurate documentation of well construction parameters (Fetter 1994, Butler 1997) and site specific geology are necessary so slug test data can be used to calculate the formation hydraulic conductivity. Without this information the slug test data is of little value. Establish a consistent reference mark for measuring all depths (top of casing or other) and use consistent units. Be sure to accurately document the following well construction parameters (Figure 6.1) and site geologic information:

L_e: Effective Screen Length, this will include length of any artificial sand pack extending above the well screen.

L_s: True Screen Length, only the length of screen exposed to the formation.

L_w: Length of the water column in the well (TD – SWL)

R_s: Screen radius

R_B: Radius of the filter pack or borehole over the screened interval

***R_c**: Casing radius (true internal radius of casing where water level changes occur)

r_t: Radius of transducer cable (required for wells one inch or less in diameter)

T_s: Depth the transducer is submerged below the SWL

SWL: Static water level as measured from reference point

TD: Total depth of well/screen as measured from reference point

h: Saturated thickness of the aquifer

H₀: Initial head change at instant slug test started. For the pneumatic slug test system this may be estimated from the stabilized pressure gauge readout in inches.

Aquifer Type: Is the aquifer confined or unconfined? (Review soil cores, well logs, or DP e-logs to make this determination.)

Formation Type: Give a verbal description of the formation being tested (clay, silt, sand, gravel, silty-sand, etc.) Best if this is described from a sample collected from the interval being tested.

***NOTE**: Casing radius must stay the same over the interval that the water level changes during the slug test or rate of water level change in the well will not be constant and errors in data will occur and results will be inaccurate.

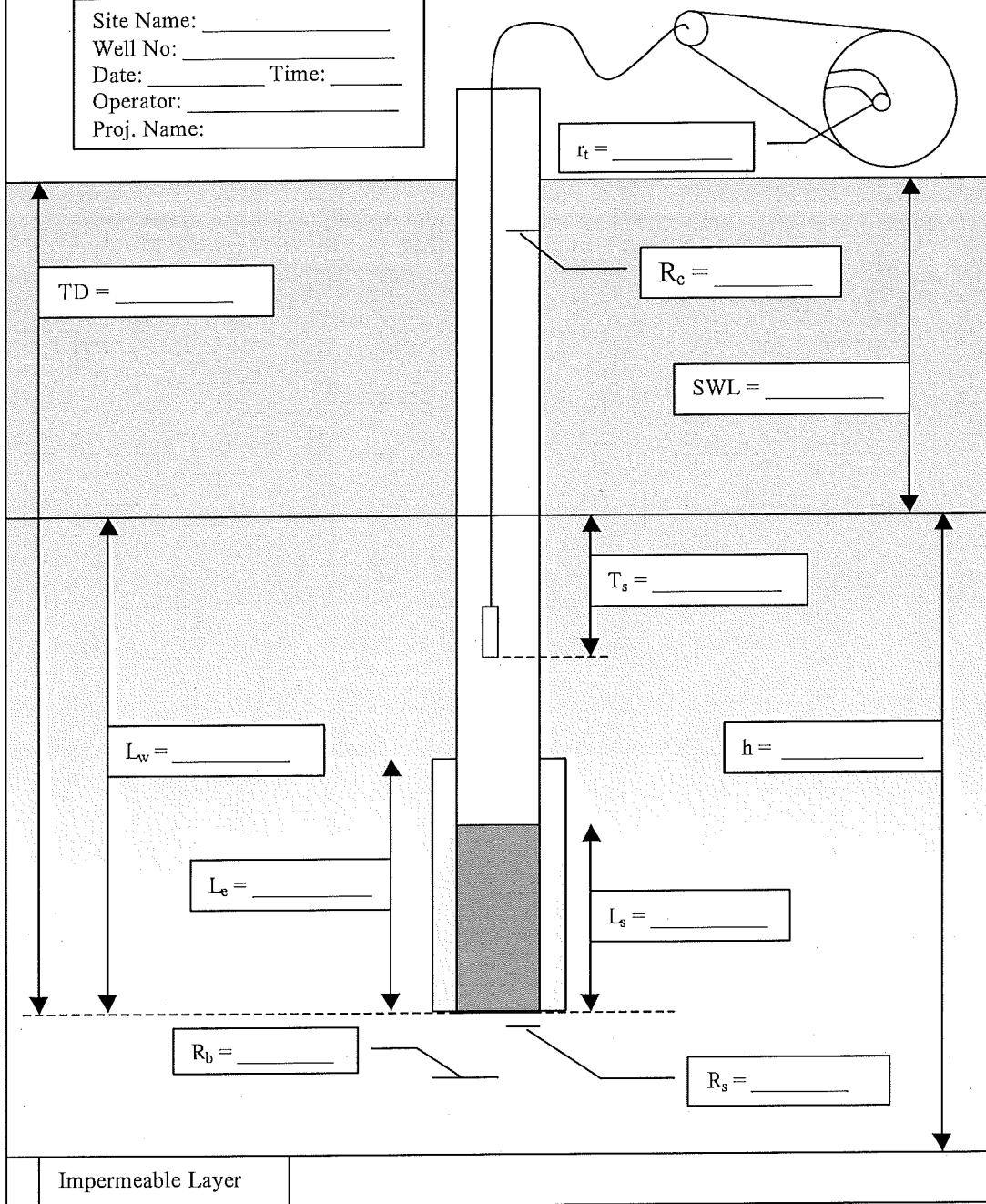
6.1 Correction of Casing Radius

For wells or piezometers less than two inches (50 mm) in diameter the radius of the casing should be corrected for the radius of the transducer cable. In these small wells the transducer cable begins to displace a significant proportion of the well bore and as such will cause a measureable error in the calculated K-value if not corrected for in the model equation. The corrected casing radius (R_{cc}) is calculated as follows:

$$R_{cc} = (R_c^2 - r_t^2)^{1/2} \quad (\text{after Butler et al., 2002})$$

Geoprobe® Slug Test Field Information Form for Well Construction / Water Sampler Installation

Site Name: _____
 Well No: _____
 Date: _____ Time: _____
 Operator: _____
 Proj. Name: _____



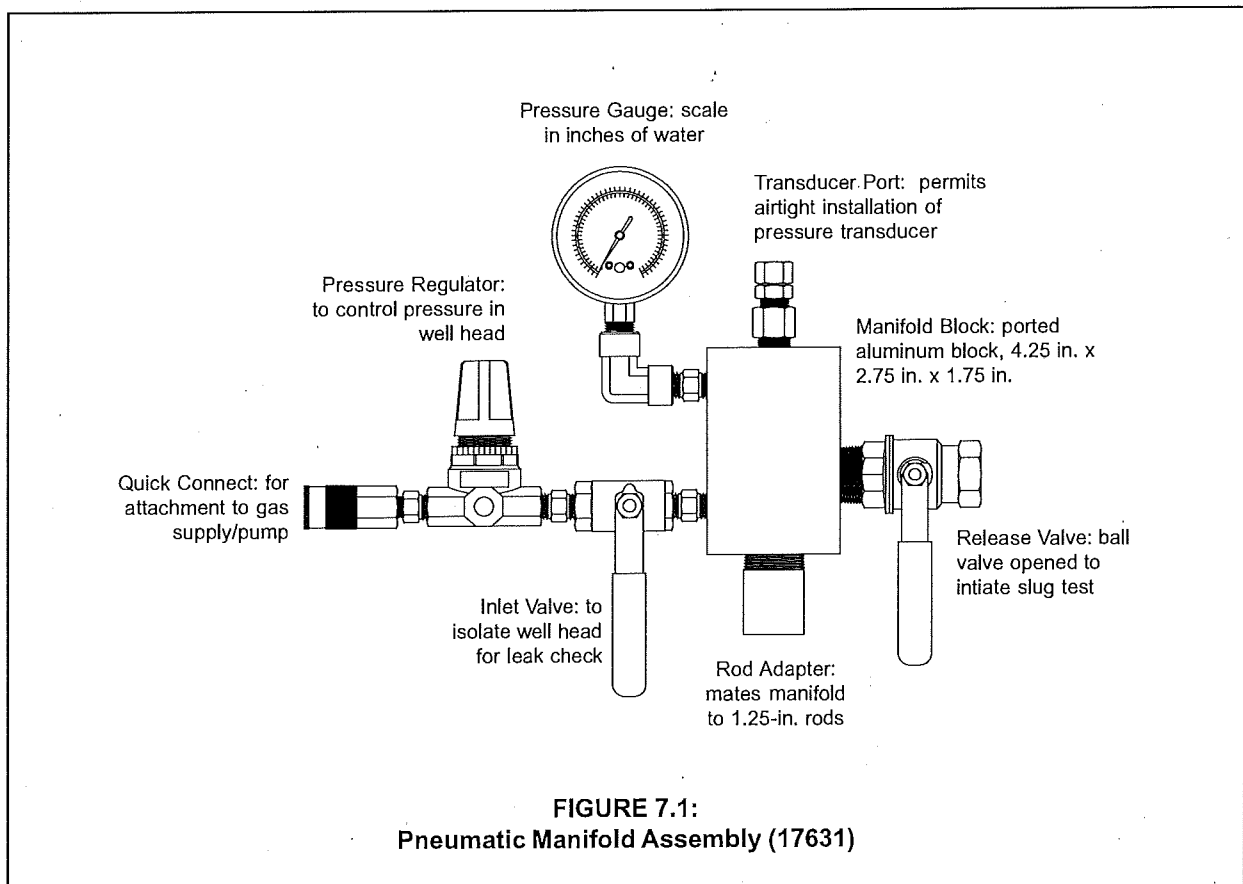
Signature: _____ Date: _____

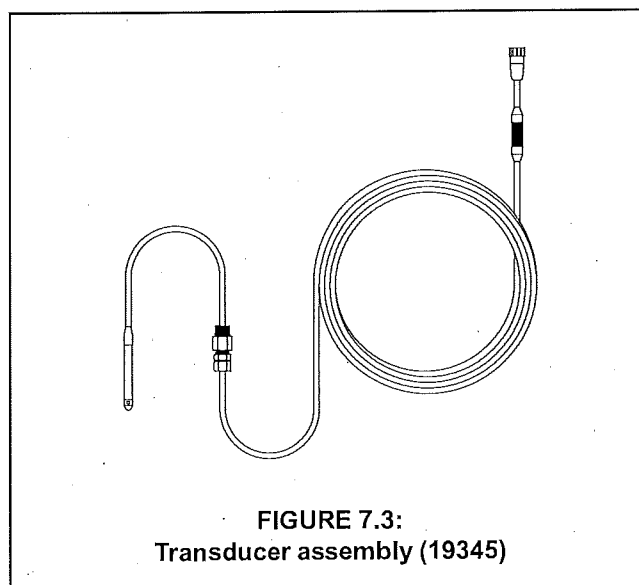
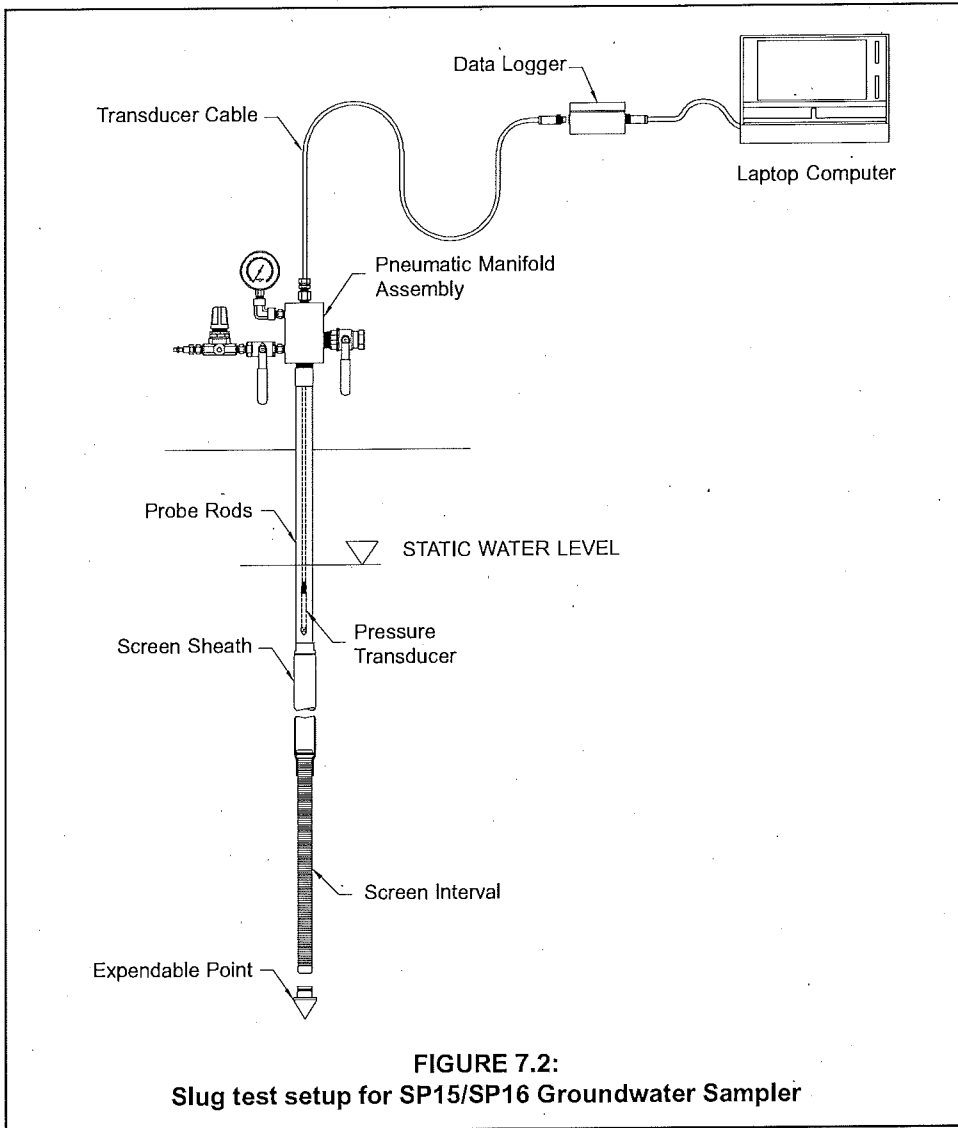
FIGURE 6.1:
 Copy and use this form in the field to record
 construction and installation parameters for slug testing

7.0 Installation of the Pneumatic Manifold and Set-up for Slug Testing

Once the well or groundwater sampler is installed and developed, you are ready to install the Pneumatic Manifold Assembly (17631) on the casing or probe rods. The pneumatic manifold (Fig. 7.1) includes all connections, valves, and controls required to conduct pneumatic slug tests. The Pneumatic Head Assembly comes with an adapter that allows it to be connected directly to Geoprobe® 1.25-inch probe rods (Fig. 7.2). Other adapters included with the kit allow the pneumatic head to be attached to 1.5-inch and 2.125-inch Geoprobe® probe rods. Adapters for standard size PVC casings (1/2-, 3/4-, 1-, and 2-inch) are also available that allow for slug testing in direct push installed or conventional design monitoring wells or piezometers.

To install the pneumatic head on the SP15 rod string, use an O-ring (AT1250R) or Teflon® tape to seal the head on the probe rods. If probe rods of a diameter other than the 1.25 inches are being used, the appropriate adapter must be installed to attach the pneumatic head to the rod string. If the pneumatic head is being installed on PVC casing, use the correct adapter for the nominal casing size of the well (see Section 3.0).





7.1 Transducer

The pressure transducer (Fig. 7.3) supplied with the pneumatic slug test kit is vented. A breathable membrane located near the top end of the cable keeps the transducer at ambient atmospheric pressure.

CAUTION: Keep the breathable membrane clean and do not crimp the transducer cable as this will crimp the vent tube and interfere with accurate transducer response.

The specifications of the transducer supplied with the Pneumatic Slug Test Kit are as shown in Table 7.1.

Specification	English Units	Metric Units
Range	10psi g	689.5 millibars or 6.89 x 10 ⁴ Pascals
Transducer diameter	0.39 inches	9.91 mm
Transducer length	4 inches	101.6 mm
Supply current	10 V	10 V
Sensitivity (approximate)	100 mV	100mV
Non-linearity & Hysteresis	± 0.1 % baseline	± 0.1 % baseline
Temperature Compensated Range	28.4 to 86° F	-2 to 30° C
Temperature error band	± 0.5%	± 0.5%
Cable length	100 ft	34.8 m
Cable diameter	0.225 inches	5.71 mm

TABLE 7.1:
Pressure transducer specifications.

Once the pneumatic head is in place the transducer assembly is installed. The transducer itself (Fig. 7.4) is inserted through the port on the top of the pneumatic head and lowered into the well. For most slug testing the transducer is set about 18 to 24 inches (45 to 60 cm) below the static water level.

NOTE: Be sure to cool the transducer to the ambient groundwater temperature before zeroing, usually three to five minutes required.

After zeroing the transducer (see Section 9.3), the 1/4-inch NPT x 1/4-inch tube nylon fitting is threaded into the transducer port. Teflon® tape is used to improve the seal on the threads. Wrap Teflon® tape around the transducer cable at the fitting (Fig. 7.5), lower the fitting cap into place, and thread the cap onto the fitting. The cap will compress the Teflon® tape around the transducer cable and provide an airtight seal.

CAUTION: Do not over tighten the nylon cap as the transducer cable or vent tube may be damaged. Finger tighten and snug as needed to obtain an air-tight fit. Well head pressures generally do not exceed 1 to 2 psi (about 10 to 20 inches of water, 25 to 50 cm of water, or 25 to 50 millibars).

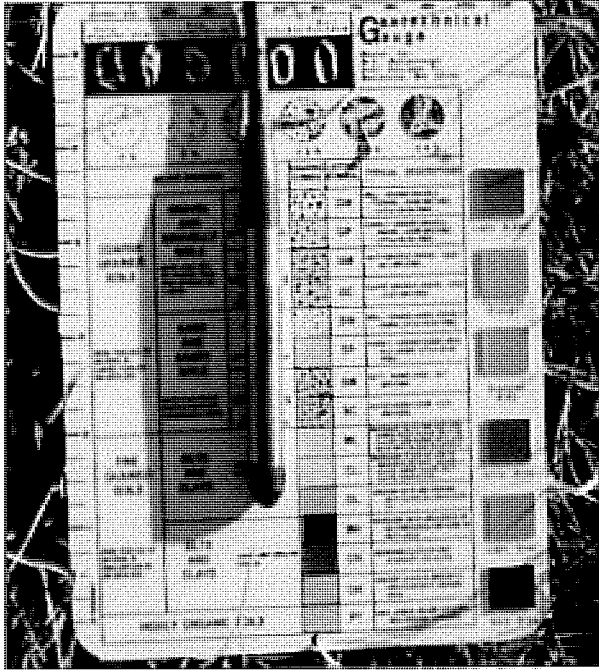


FIGURE 7.4:
The small outside diameter (0.40 inches) of the pressure transducer allows it to be used with Geoprobe® 1.25-inch OD probe rods and 0.5-inch Schedule 80 PVC casing.

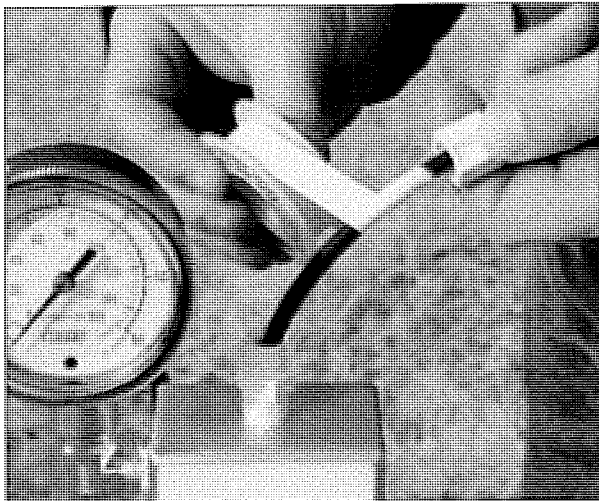


FIGURE 7.5:
Wrap Teflon® tape around the transducer cable to promote an airtight seal at the nylon cap.



FIGURE 7.6:
Attach the foot pump to the pneumatic head using the low-pressure hose with quick connects.

7.2 Connecting Pump and Air Hose

The foot pump assembly (17643) included with the pneumatic slug test kit is used to supply air to pressurize the well head. Connect the foot pump to the inlet side of the pneumatic head with the low-pressure hose and quick-connect fittings (Figure 7.6). Typically 30 to 40 psi of air pressure is maintained in the supply hose during slug testing.

CAUTION: The pressure rating of the hose is low (45 psi) do not over-inflate and burst the hose.

You are now ready to connect the transducer to the data logger and the data logger to the laptop computer.

8.0 Data Logger

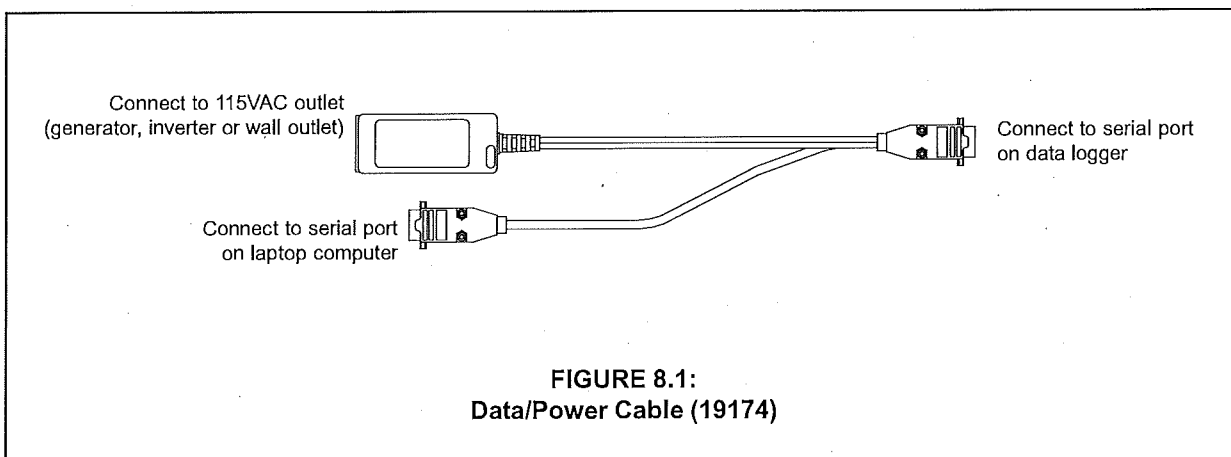
A single channel data logger (GW1610) and all necessary cables are supplied with the pneumatic slug test kit. Specifications of the data logger are shown in Table 8.1.

Specification	English Units	Metric Units
Size (L x W x H)	7.4 x 4.7 x 2.25 inches	188 x 120.2 x 56.8 mm
Weight	1.49 lbs	0.675 kg
Sensor Port	Twist-on, 8 pin connector, male	
Computer Port	Serial, female RS232 (DB-9)	
Supply Voltage	12 V	
Output Voltage (to transducer)	10 V	
Sampling Frequency	120 Hz	
Available Output Frequencies	1, 2, 10 and 38 Hz	

TABLE 8.1:
Data Logger specifications

The female 8-pin connector on the transducer is connected to the male 8-pin connector on the Data Logger. Next the Data/Power Cable (19174, Fig. 8.1) is connected to the serial port on the data logger and then the serial port on the laptop computer. The small in-line power transformer (Fig. 8.1) is connected to standard line current (115VAC). Line current may be obtained from a generator, small inverter (SC152) plugged into vehicle lighter socket, or conventional wall outlet if available. The same power supply will also operate the laptop computer if needed.

The slug test system is set up and you are now ready to initialize the software and begin data collection.



9.0 Slug Test Data Acquisition Software Version 1.00

Geoprobe Systems® has designed a simple, user friendly software system that allows you to acquire and file the transducer data on a lap top computer. The data files are stored in ASCII format for easy export to spreadsheet and data analysis programs. This is solely a data acquisition software system and does not provide data modeling or K-calculation options. The minimum computer requirements for installation and operation of the Data Acquisition Software are:

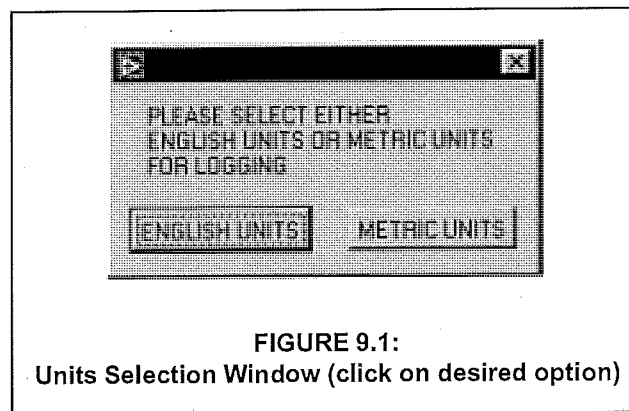
CPU: Pentium 90 MHz
RAM: 16 megabytes minimum
Available Hard Drive Space: 12 megabytes minimum
Operating Software: Windows 95, 98, 2000, NT, ME

9.1 Installation

The Data Acquisition Software comes on a compact disc (CD) with the Pneumatic Slug Test Kit, or can be purchased separately. Simply insert the CD into your computer CD drive, and from the "START" menu in Windows, select the "RUN" option to run the setup program on the CD. Follow the simple on-screen instructions to enter your personal identification information. The software installation should take less than three minutes. The installation will automatically place an icon on your Windows Screen labeled "SLUG TEST". Simply double-click on the icon to start the software. The following information provides a brief summary of the software operation for acquisition of slug test data.

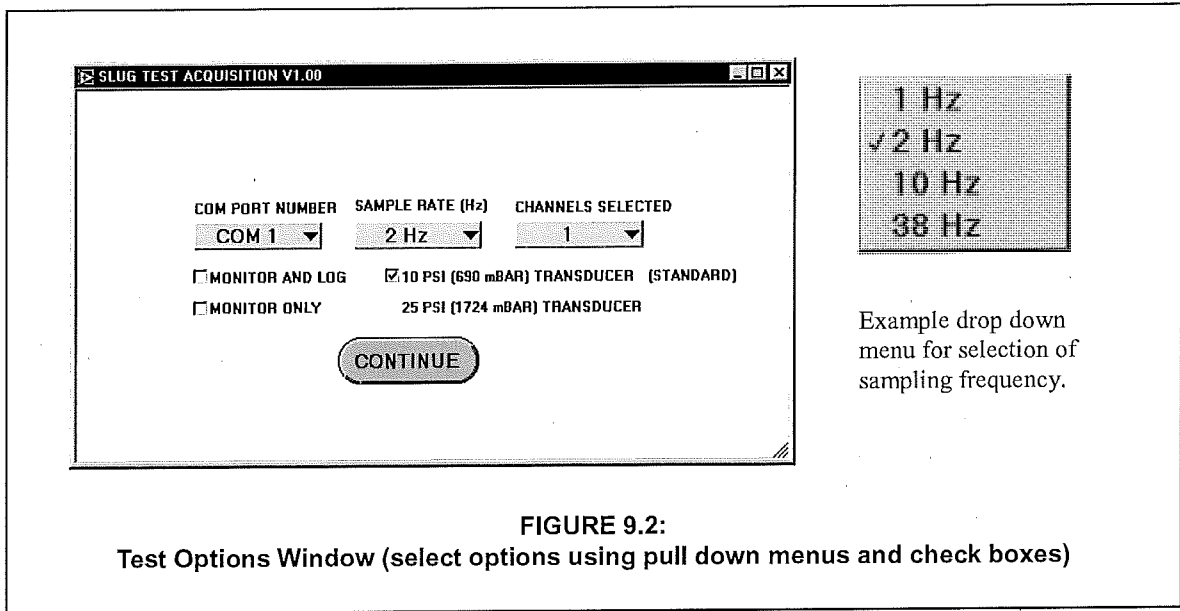
9.2 Selecting Options

After initializing the software by double-clicking on the windows icon, the first window you see will let you select between using either English units or Metric units on the data display (Fig. 9.1). If English units are selected, the water level (head) will be displayed on screen in feet (ft). If Metric units are selected, the head will be displayed in millimeters (mm) of water. Simply click on the desired option.



The next window (Fig 9.2) allows you to specify several options for system operation and data acquisition. Drop-down menus allow you to choose either Com Port 1 or 2 for your computer connection to the data logger, as well as the sampling rate or frequency in Hertz (Hz).

The sample rate determines the number of sample points that will be plotted on screen and saved in your file each second. The default rate is 2 Hz. You may select either 1, 2, 10, or 38 Hz from the drop-down menu.



In formations that are very slow recovering from a slug test (30 minutes or more), a sampling frequency of 1Hz is sufficient. If you are slug testing a very high hydraulic conductivity formation which recovers from a slug test in less than 10 to 20 seconds, you may wish to choose 10Hz or even 38Hz. When you select a higher sampling rate, the baseline will appear more noisy because less averaging is conducted to obtain each data point.

A 10 psi transducer comes with the kit and is the default value for this option.

You may choose to MONITOR ONLY or to MONITOR AND LOG from this screen. The MONITOR ONLY option will allow you to monitor the readout from the transducer, but you can not save the data to a file. The MONITOR AND LOG option will allow you to initially monitor the transducer readout and then begin saving the data to a file when desired.

If you select the MONITOR ONLY option, you will go directly to the MONITOR ONLY MODE screen when you click on the CONTINUE button (Fig 9.3). If you select the MONITOR AND LOG option you will proceed to the SITE INFORMATION screen when you click on the CONTINUE button (Fig. 9.4).

The MONITOR ONLY MODE may be used when first inserting the transducer into the well or sampler to verify that the transducer has cooled to ambient temperature (refer to notes on Figure 9.3). Gently oscillating the transducer up-and-down in the water will also dislodge any air bubbles from the transducer opening (Fig. 9.3).

The SITE INFORMATION window (Fig. 9.4) lets you enter a file name (6 characters) and transducer serial number. Tab between data entry boxes and click on CONTINUE to proceed to the next window.

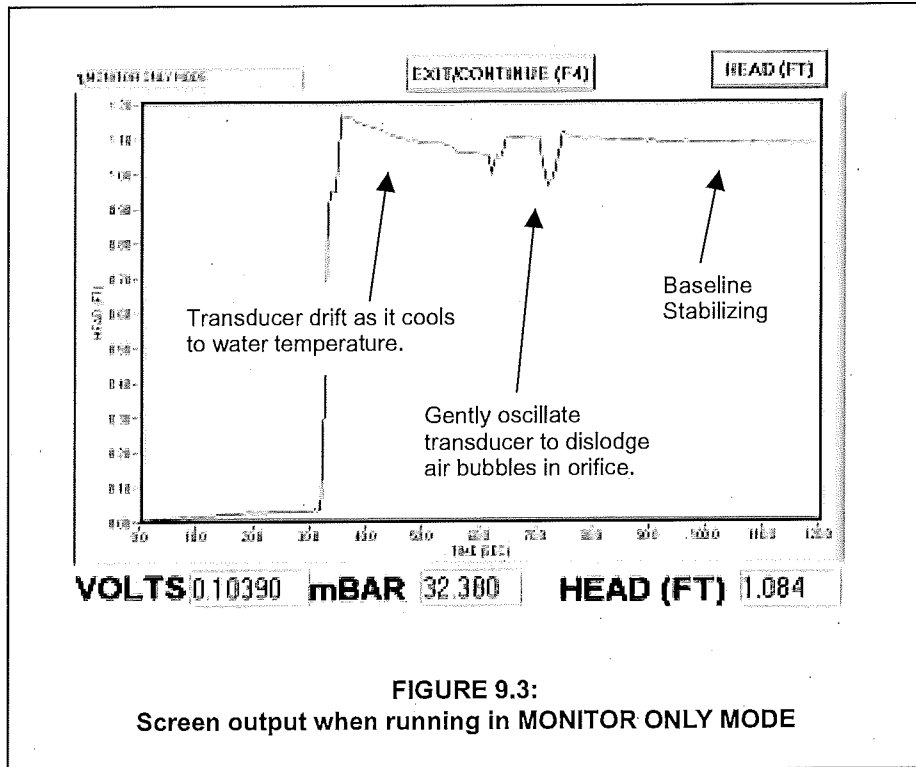


FIGURE 9.3:
Screen output when running in MONITOR ONLY MODE

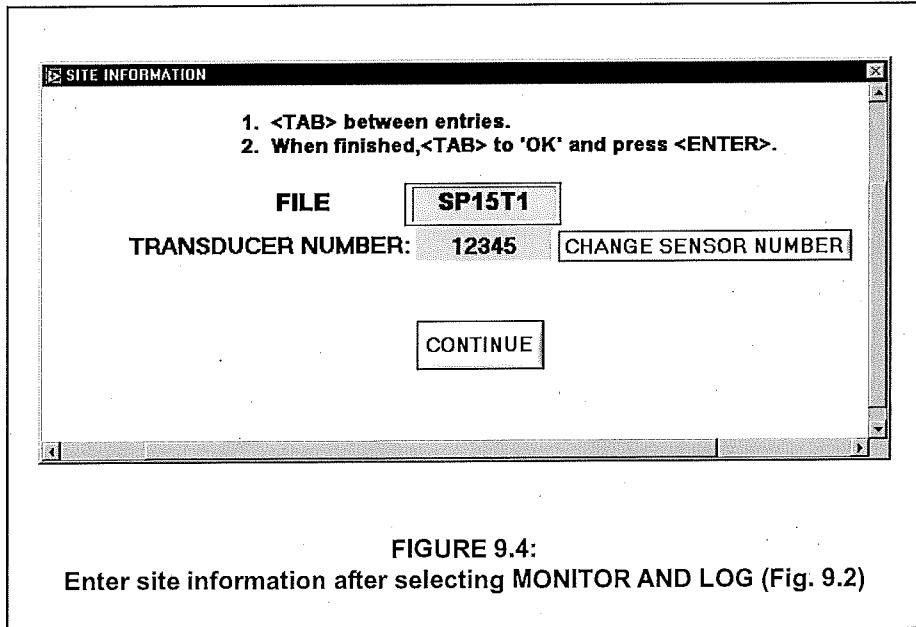


FIGURE 9.4:
Enter site information after selecting MONITOR AND LOG (Fig. 9.2)

9.3 Zero Transducer

Once you click on the CONTINUE button you will proceed to the TRANSDUCER ZERO window (Fig. 9.5). When the software is first initialized, you must zero the transducer before acquiring slug test data. First place the transducer in the groundwater to equilibrate with the ambient temperature. Then the transducer should be removed from the water to zero it at atmospheric pressure. If you cycle back through the software to run additional slug tests in separate files, you may choose to BYPASS the zero option if desired. Simply click on the BYPASS button to do so. It is recommend that the operator zero the transducer initially and then bypass this function if desired as additional files and slug tests are conducted.

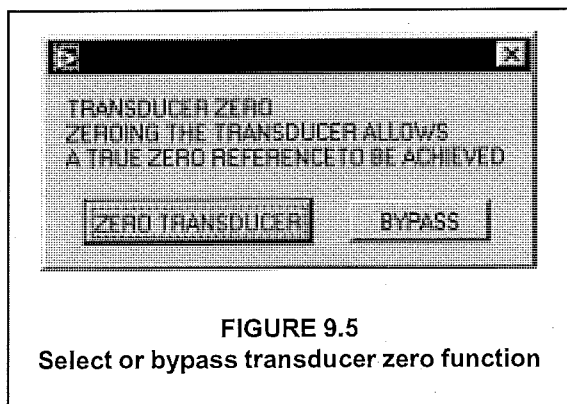


FIGURE 9.5
Select or bypass transducer zero function

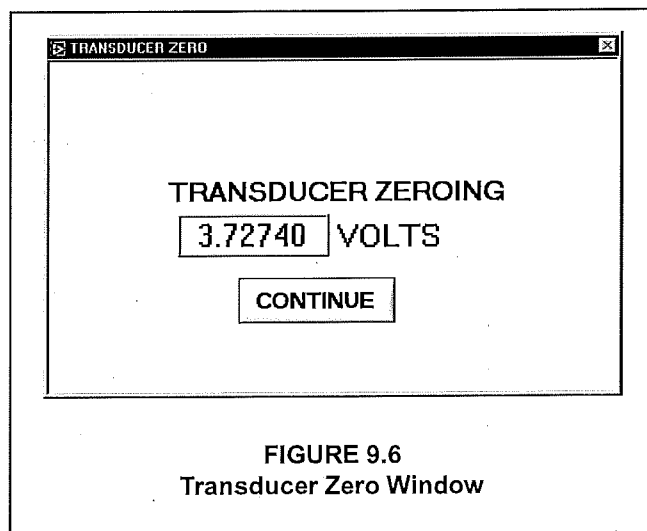


FIGURE 9.6
Transducer Zero Window

When the ZERO TRANSDUCER function is selected, the real-time transducer voltage is displayed in the VOLTS box (Fig. 9.6). Click on the CONTINUE button when the voltage has stabilized and you are ready to proceed with logging the slug test. If you selected a higher sampling rate (e.g. 10 or 38Hz), the voltage readout will be more variable.

9.4 Data Acquisition and Viewing Graph

After clicking on the CONTINUE button in the TRANSDUCER ZERO window, you will enter the Collect-and-Graph window (Figure 9.7). If the transducer is still above the water level, you will observe a very magnified baseline as the data points are plotted and scroll across the screen. Once the transducer is submerged below the water level several inches or more, what at first appeared to be a noisy baseline is seen to be a relatively quiet line at normal operating head/pressure values (Figure 9.8).

Once the transducer is stable and you are ready to start saving data, you may click on the BEGIN SAVING button or press the F1 key on the keyboard. When this is done the word **SAVING** is displayed near the top-center of the window (Figure 9.8). The filename with directory path is displayed in the top-left side of the window.

A mouse click on the HEAD button at the top-right of the window allows you to toggle between a Y-axis in feet of head (or mm of head in metric units) and the transducer voltage readout if desired. Once you have completed your slug test(s), a mouse click on the STOP button or pressing the F5 key will stop data collection and freeze the screen. This will enable you to review the collected data and briefly evaluate your results before continuing with further work.

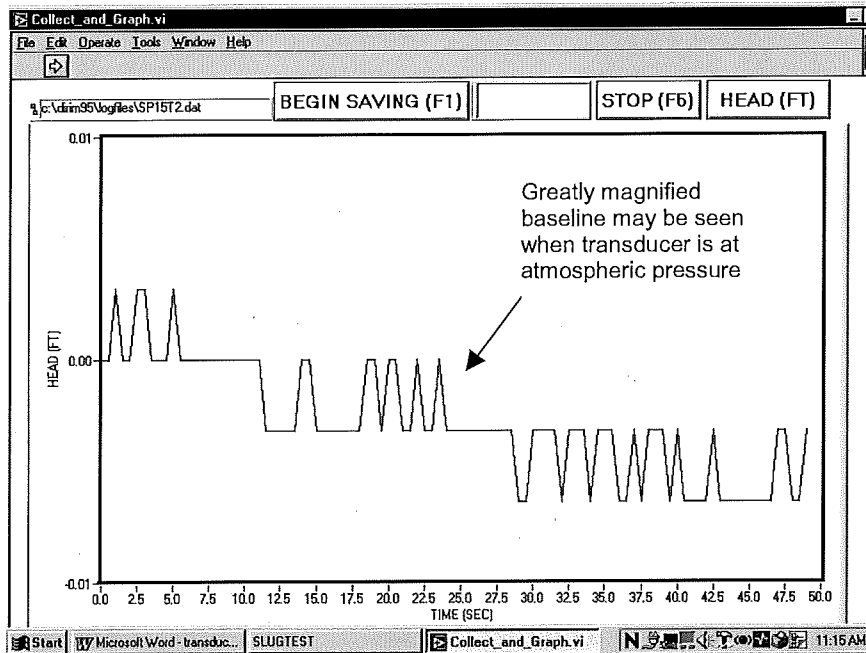


Figure 9.7
 Real-time transducer data is plotted on the Collect-and-Graph window. The baseline will be greatly magnified and appear noisy when the transducer is above the water level.

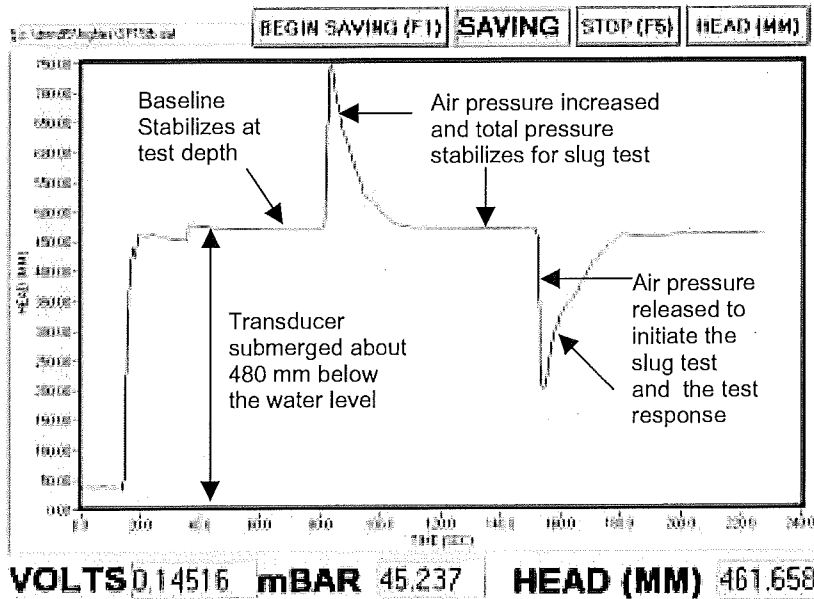


Figure 9.8
 Simulated transducer data during a slug test (well head pressurized, stabilization, and release of pressure to initiate the slug test response)

9.5 Exiting Program

When the STOP button (or F5 key) is pressed on the Collect-and-Graph window, the QUIT/CONTINUE button appears in the top-center of the screen. Data collection is halted and the transducer log may now be reviewed without affecting the data file.

Click the QUIT/CONTINUE button when you are finished reviewing the slug test response and are ready to either exit the program or continue with additional slug testing. This brings up the QUIT window shown in Figure 9.9. Click on the YES button if you are ready to quit and exit the program. Click the NO button to go back to the Options window (Figure 9.2) to set up for additional slug test data acquisition.

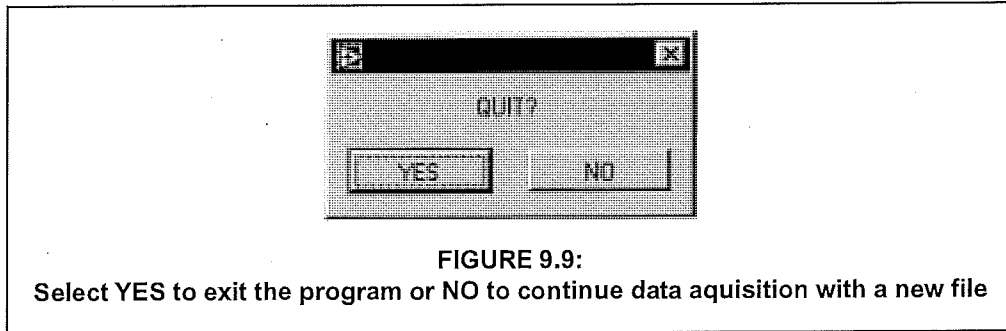


FIGURE 9.9:
Select YES to exit the program or NO to continue data acquisition with a new file

9.6 File Storage and Data Format

Two files are generated each time you enter a file name and click on the BEGIN SAVE button or press the F1 key while in the Collect-and-Graph window (Figure 9.7). The first file is where the time and transducer data are saved and it is denoted as a ".dat" file in the directory. The second file is an information file and it is denoted as a ".inf" file in the directory. Both file types are saved in the C:\dirim95\logfiles*. * directory on the computer hard drive. The data in the *.dat file is saved in columns in the following order:

Time (seconds) Transducer (voltage) Head (feet) Head (millimeters) Pressure (millibars)

The *.inf file saves some basic date and time started/ended information. It also specifies the column format of the data file for future reference if needed. This file may be edited to add information such as site name, location, operator, and client information as needed to meet project specifications. An example *.inf file is shown in Figure 9.10 below.

```
SITE INFORMATION -- SLUG TEST REV. 1.0

START DATE: 11/30/2001
START TIME: 4:03 PM
DATA FILE NAME: C:\DIRIM95\LOGFILES\SP15TB.DAT
DATA FILE FORMAT:
TIME(S)    TRANSDUCER(V)    HEAD(FT)    HEAD(MM)    PRESSURE(MILLIBAR)
UNITS:    METRIC
TRANSDUCER NUMBER: 1388621    10 PSI (690 MILLIBAR)
END DATE: 11/30/2001
END TIME: 4:08 PM
```

FIGURE 9.10:
Format of the *.inf file saved with each data (*.dat) file

10.0 Running a Pneumatic Slug Test

The following summary is a step by step outline of the procedure required to run a pneumatic slug test.

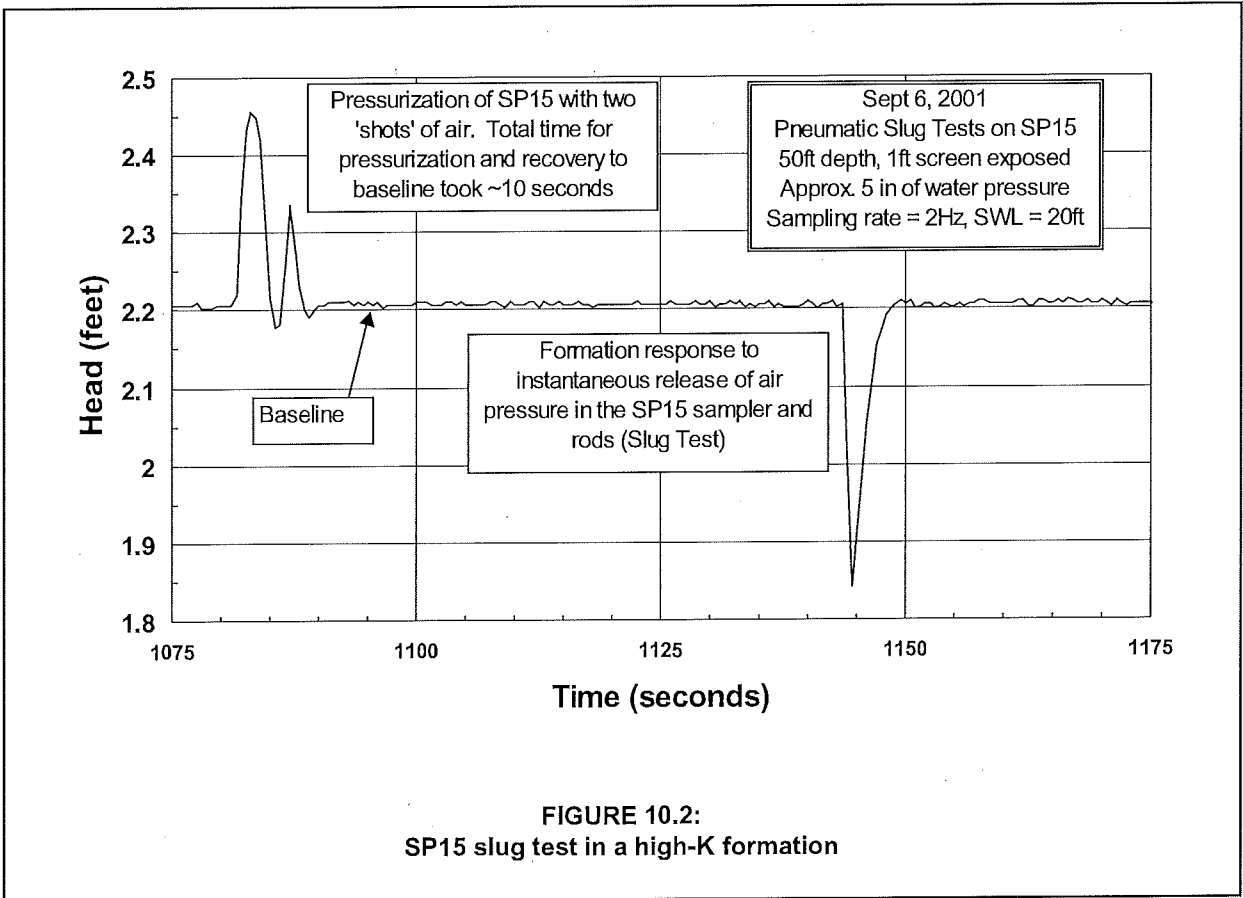
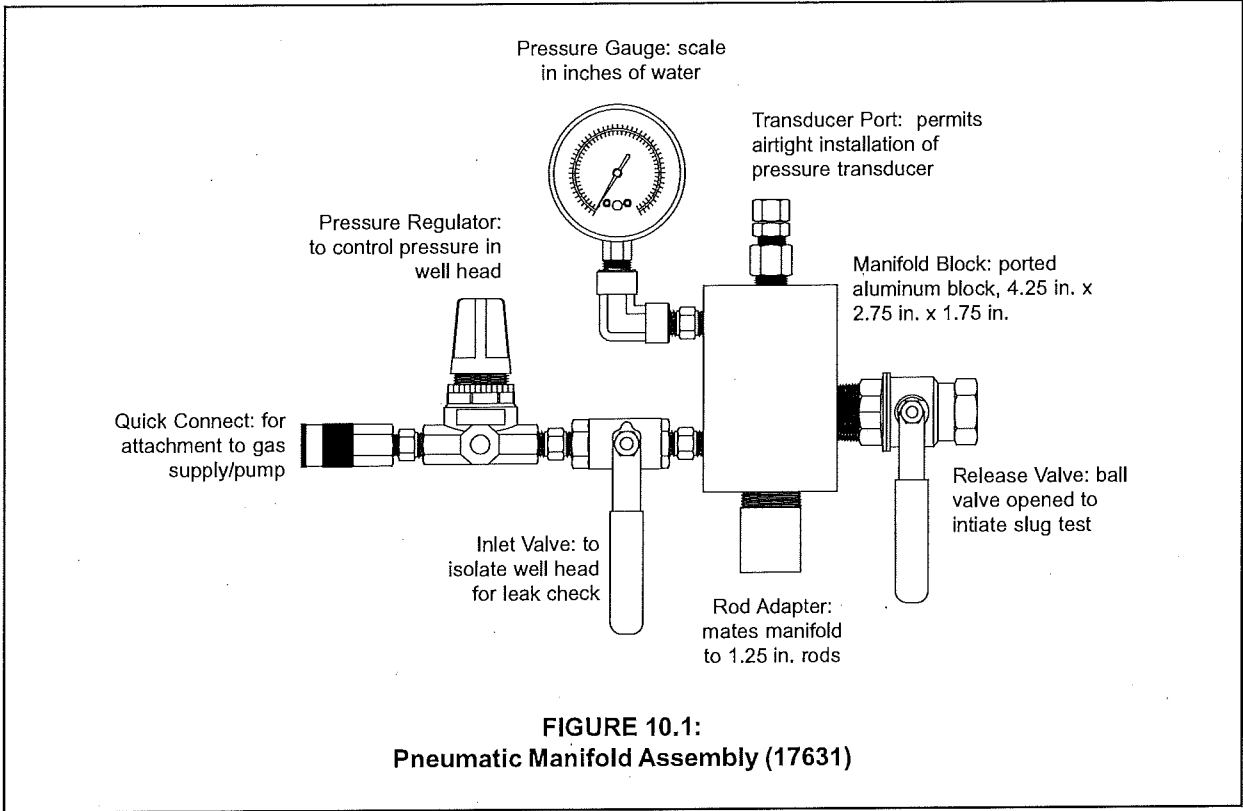
1. Close inlet and release valves and close the pressure regulator on the pneumatic manifold assembly (Fig. 10.1).

NOTE: Adjust zero setting on the pressure gauge if needed.

2. Operate foot pump to pressurize supply hose to ~ 30 to 40psi
3. Open inlet valve on pneumatic head (Fig. 10.1)
4. Slowly open the pressure regulator (Fig. 10.1). From the fully closed position it takes about five revolutions to begin opening the regulator. Observe the pressure gauge on the pneumatic head. Let the pressure in the well head rise slowly to a few inches above the level desired for testing (e.g. if you want to initiate the slug test with H_0 of 10 inches let the gauge rise to about 12 inches).
5. Quickly close the inlet valve and allow the pressure observed from the transducer in the well head (as shown on the computer screen - Fig. 9.8) to return to equilibrium and stabilize. Record the stabilized gauge pressure. Observing the Collect-and-Graph window of the Slug Test software, the readings should return to the levels noted before pressurization was started (Fig. 9.8). For very permeable and porous formations, return to equilibrium (baseline) happens quickly (Fig. 10.2). For moderate to lower-K formations (silty-clayey sands) this may take several minutes (Fig. 10.3). For very low-K formations (silts/clays) it could take hours for the water level to return to equilibrium. In this situation, a mechanical slug test should be conducted to save considerable time.
6. Leak test the fittings on the pneumatic head and connection to the rods with the leak test fluid (12356) or equivalent. Tighten fittings if necessary and retest. If a leak appears to be downhole, tighten the probe rods with a wrench. If the leak persists and is slow relative to well recovery rate, the regulator may be used to stabilize the pressure in the well head. It is preferable to locate and correct the slow leak if possible before continuing with the slug test.

NOTE: For slow leaks the on-screen transducer readout will appear stable because the water level rises as quickly as the air escapes, keeping the readout constant. You must monitor the pressure gauge on the pneumatic head to determine if a slow air pressure drop is occurring.

7. Once the transducer readout is back to equilibrium and stable, you are ready to initiate the slug test. To initiate the slug test, open the release valve as quickly as possible (Fig. 10.1). You should hear a "swoosh" of air venting from the valve if you listen closely.
8. Watch the Collect-and-Graph screen on the computer. You should observe a very rapid drop in the transducer readout (head) as the air is instantaneously released (Figs. 10.2 and 10.3). Then the rise/recovery of the water level to the pre-test equilibrium level (baseline) will occur. Once the water level has returned to the pretest equilibrium level and is stable, the slug test is complete.
9. It is strongly recommended that you run at least three slug tests of different initial head values (H_0) to use for verification of appropriate well performance and development. If the well or sampler is responding properly, the normalized data from all three tests should overlay each other in the normalized data plot. If there is significant deviation between the repeat tests, additional development of the well or sampler may be necessary or other actions may be required to obtain valid data.



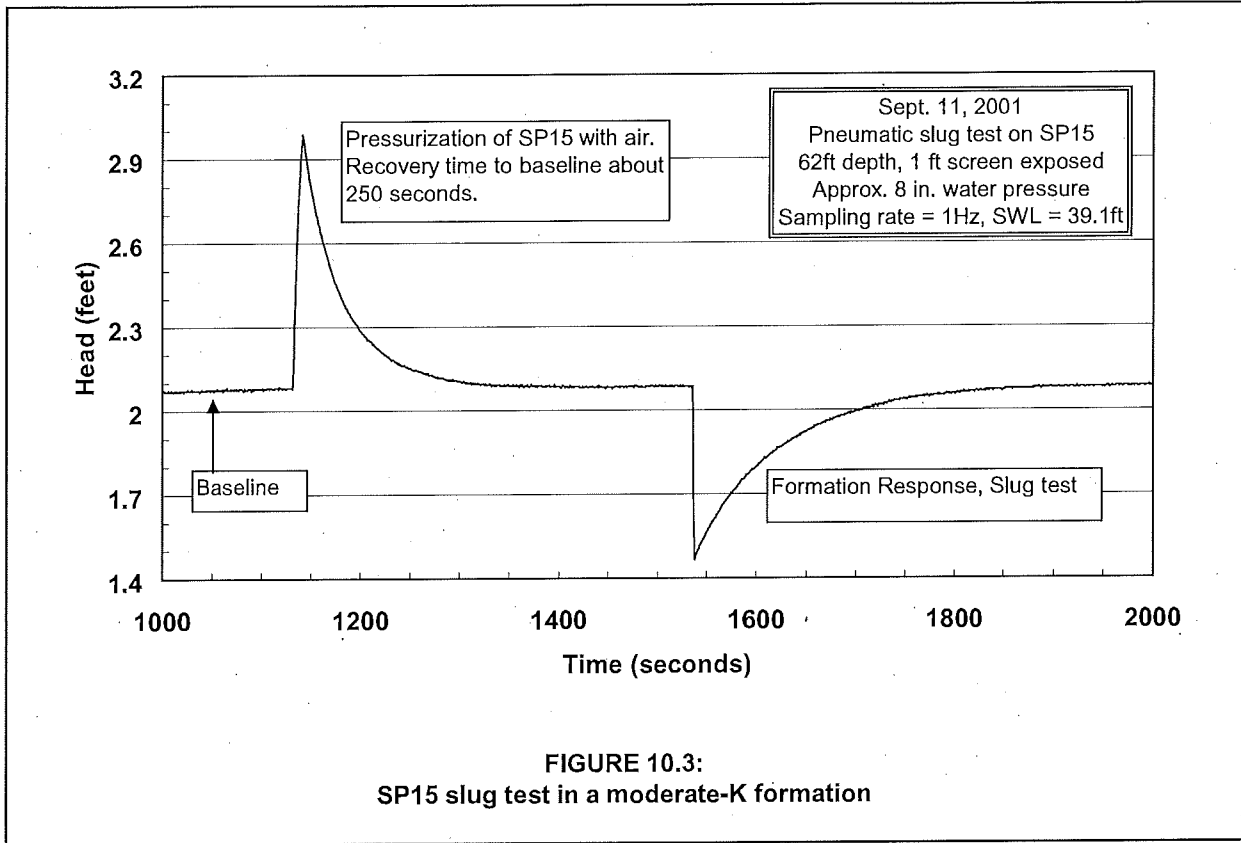


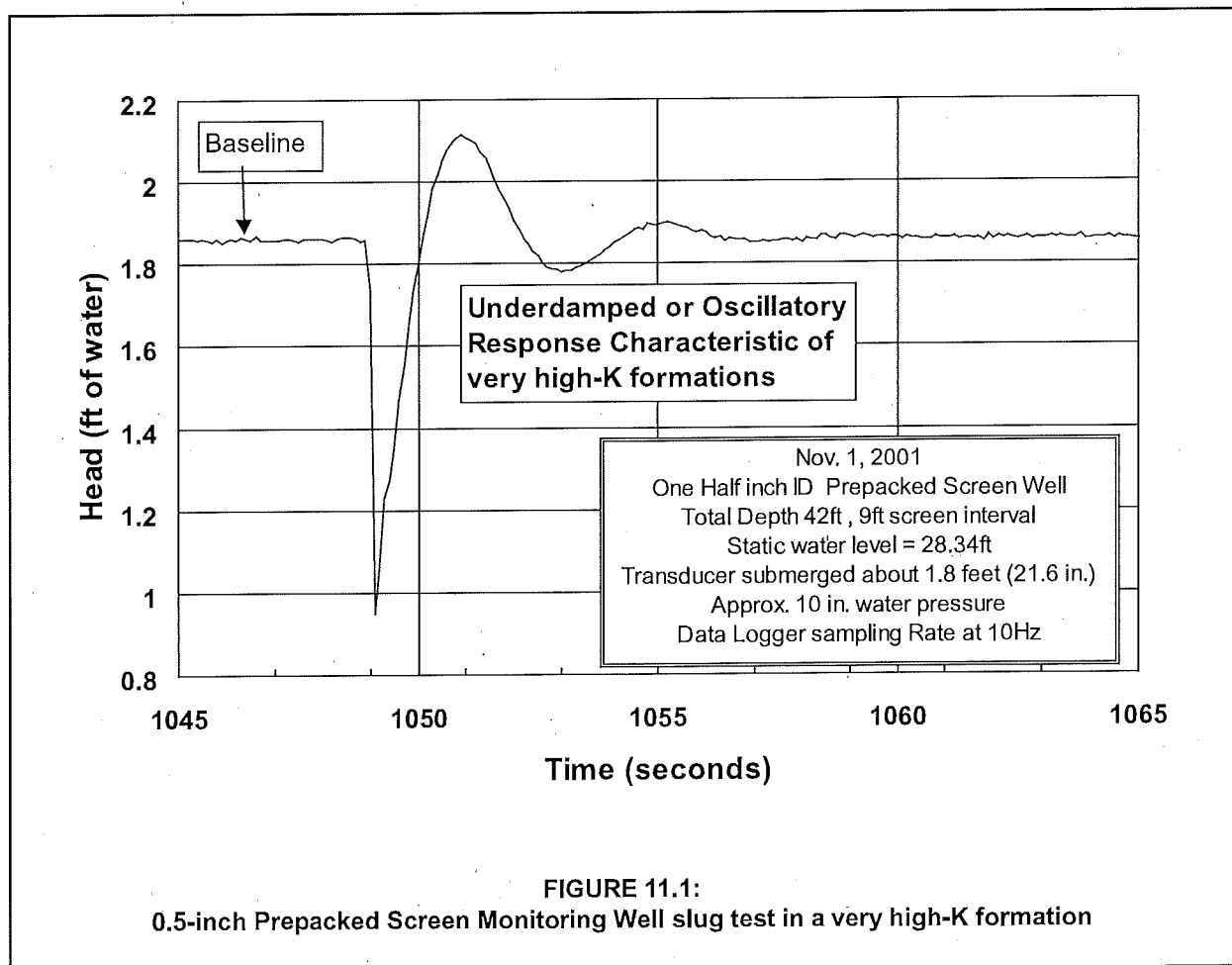
FIGURE 10.3:
SP15 slug test in a moderate-K formation

11.0 What the Data Looks Like

Response to slug tests takes on two general forms. The observed responses are comparable to a spring that has been stretched and released. If a large weight is attached to the end of the spring it slowly slides back to the equilibrium point and stops. If a small weight is attached to the spring it may oscillate back-and-forth around the equilibrium point a few times before coming to rest. This first type of behavior is called “overdamped” response and the second is called “underdamped” or oscillatory response (the water level oscillates up-and-down in the well in response to the slug test) (Butler 1997).

Overdamped response (Figs. 10.2 and 10.3) is what is most commonly observed during slug testing and is characteristic of formations that range from fine-grained materials (silts and clays) to sandy materials. The underdamped response (Figure 11.1) is less commonly observed and is characteristic of high hydraulic conductivity formations such as coarse sands and gravels. There is also a special case of critically damped response that lies between the underdamped and overdamped behaviors (Butler 1997, ASTM D 5581).

The portion of the slug test curve and data used in the modeling process to determine the hydraulic conductivity is the response and recovery that begins immediately after the pressure is released (pneumatic slug test initiated) and ends when the water level has returned to its pretest equilibrium pressure (see Figures 10.3, 10.4, and 11.1).



12.0 Data Analysis Methods

The same data analysis methods that are applied to larger-diameter wells are used for the smaller-diameter direct push tools and wells. These conventional analysis methods provide accurate results for the small-diameter tools (Butler et al. 2002) under almost all conditions. However, when tools or wells less than one inch inside diameter are used for slug testing in very high hydraulic conductivity formations ($K > 250\text{ft/day}$, $>8 \times 10^{-2}\text{cm/sec}$), a simple linear correction is applied to determine the K-value (Butler, 2002). Probably just a fraction of the formations to be tested will have K-values exceeding this range.

Two factors must be considered in the selection of the appropriate data analysis method. First, is the formation being tested an unconfined aquifer or a confined aquifer? Second, is the aquifer response overdamped behavior or underdamped and oscillatory in nature? The following is a very brief selection of possible modeling methods that may be appropriate. An authoritative review of slug test data analysis methods is provided by Butler (1997).

Overdamped:

- Unconfined = Bouwer & Rice (1976) method, see also Bouwer (1989)
ASTM D 5912
- Confined = Hvorslev (1951) method
ASTM D 4104

Underdamped:

- Unconfined = Springer and Gelhar (1991) also know as the Hi-K Bouwer & Rice Method (Butler 1997, Butler and Garnett 2001)
- Confined = van der Kamp (1976) method also known as the Hi-K Hvorslev Method (Butler and Garnett 2001)
ASTM D 5785

Critically Damped:

- Confined = Kipp (1985) method
ASTM D 5881

Additional information on slug testing field procedures and data analysis methods is available in any of several ASTM Standard Guides and Practices (ASTM D 4043, D 4044, D 4104, D 5785, D 5881, D 5912). The Standard Guide D 4043 includes a decision tree for selection of the appropriate test and data analysis methods while Standard Method D 4044 provides information on field procedures for slug testing.

The selection and application of the appropriate data analysis method(s) is beyond the scope of this SOP for field techniques. Many literature resources (Butler 1997, Fetter 1994, Freeze and Cherry 1979) and software resources (AQTESOLV, AquiferTest, etc.) are available for guidance in selection and application of the appropriate model to determine the formation hydraulic conductivity, transmissivity, and other formation parameters from the slug test data.

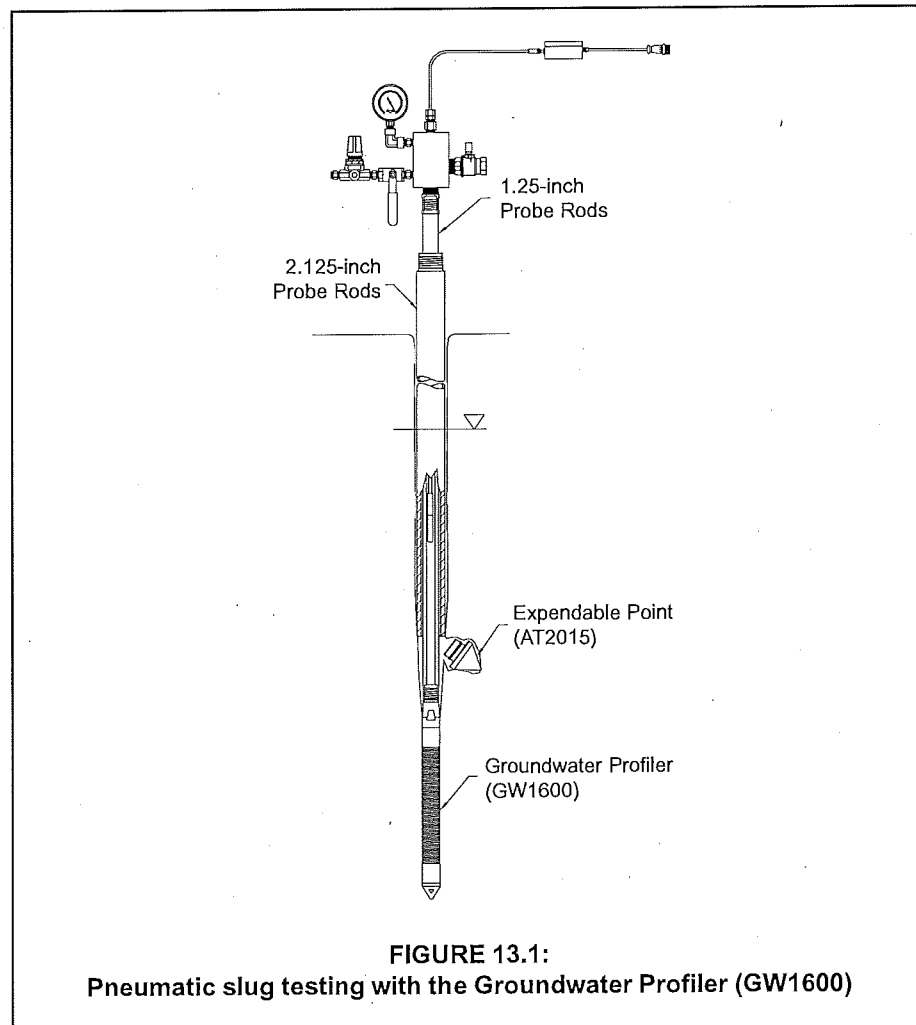
13.0 Pneumatic Slug Testing in Groundwater Profiling Tools and Monitoring Wells

The Pneumatic Slug Test kit can be installed on many of the available Geoprobe® groundwater sampling tools to conduct slug testing. The kit may also be used on PVC casing ranging in size from nominal 1/2-inch to 2-inch. The diagrams below indicate how the pneumatic slug test kit is used with several of the groundwater sampling tools and PVC well casings. Reference the appropriate standard operating procedures or instruction bulletins for details of sampler installation or well construction.

13.1 Slug Tests with the Groundwater Profiler (GW1600)

The Groundwater Profiler (GW1600) may be telescoped through Geoprobe® 2.125-inch rods when fine-grained materials overlay the sandy formation to be sampled and slug tested (Fig. 13.1). The profiler is available with either a 6.0-inch or 12.0-inch (length) stainless steel screen and may be advanced incrementally for sampling and slug testing at multiple depths in one borehole.

The groundwater profiler is advanced with Geoprobe® 1.25-inch rods so the pneumatic head will readily connect to the sampling system for slug testing. Because the 1.25-inch drive rods have an ID of only 0.625 inches, the calculated hydraulic conductivity value must be corrected if the test result indicates a K-value ≥ 200 ft/day (7×10^{-2} cm/sec) (Butler, 2002). Clogging of the exposed screen as it is advanced to multiple depths can be problematic, even in relatively clean sands. Development for slug testing becomes critical.



13.2 Slug Tests with the Dual Tube Groundwater Profiler (GW2100)

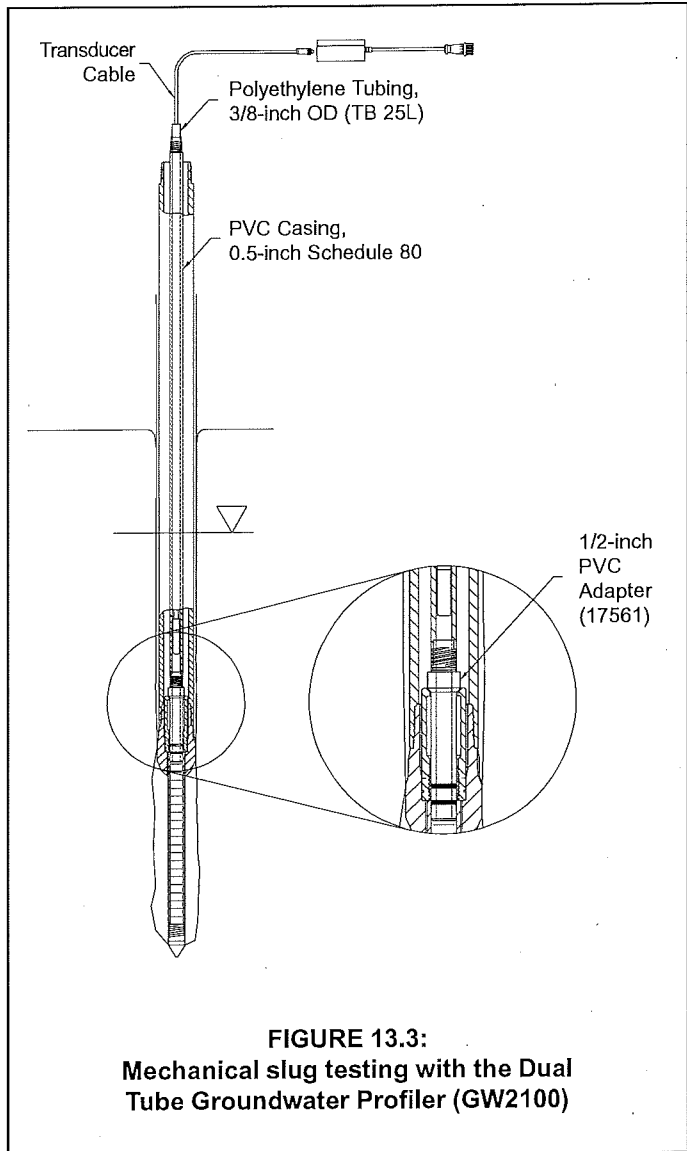
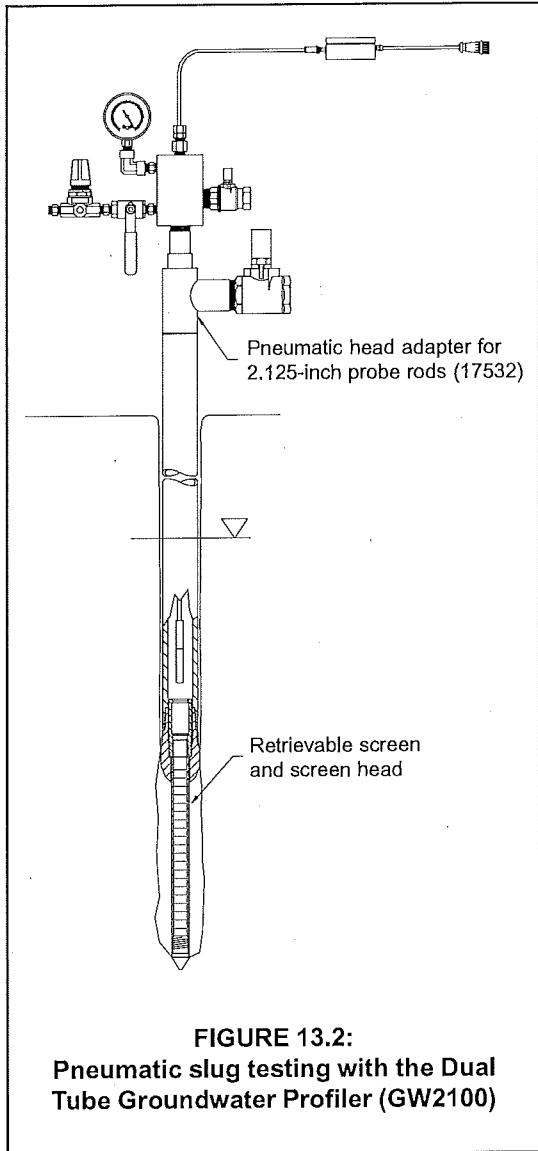
The Dual Tube (DT21) Groundwater Profiler system (GW2100) may be used to conduct soil sampling, groundwater sampling, and slug testing (Fig. 13.2) at multiple depths in one probe advancement (Instructional Bulletin No. 19275). The 2.125-inch OD by 1.5-inch ID rods are the outer casing for this system and may be used to conduct slug tests in formations of very high hydraulic conductivity where the K-values exceed 500 ft/day (1.76×10^{-1} cm/sec) (McCall et al. 2002). The pneumatic head adapter (PN 19165) for the 2.125-inch rods, which has a larger diameter release valve, is required for slug testing in very high-K formations.

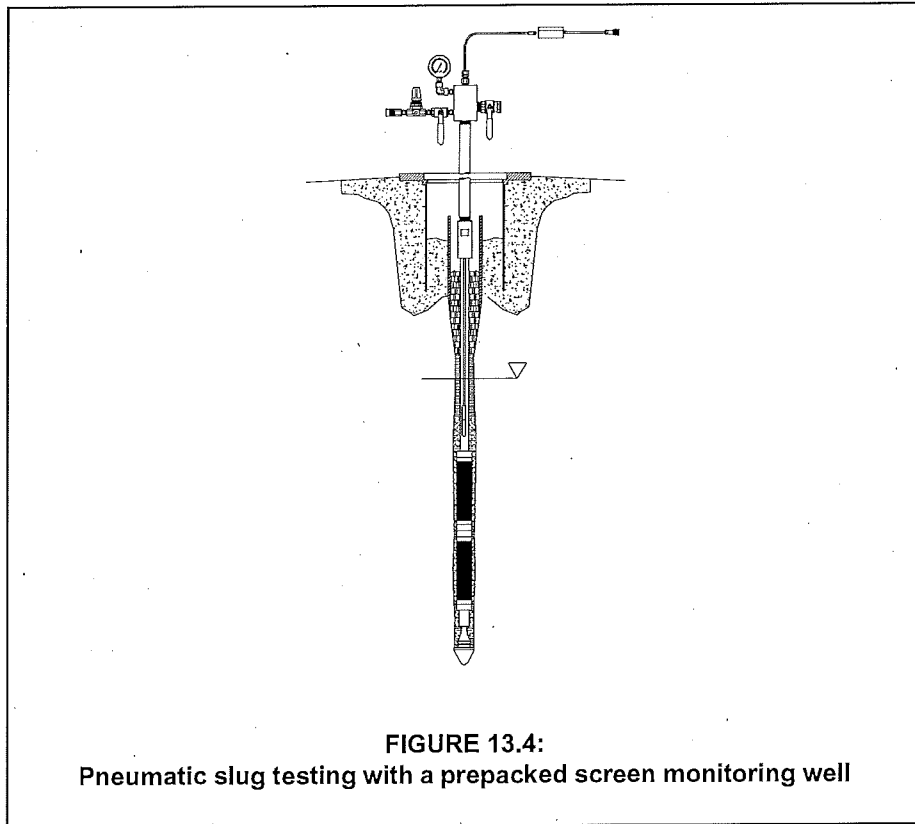
The Dual Tube (DT21) Groundwater Profiler system (GW2100) may also be used to conduct pneumatic or mechanical slug tests in moderate to low hydraulic conductivity formations (Figure 13.3). When slug testing in cohesive materials with significant proportions of clay, a small coring device should be used to core the formation ahead of the outer rods and cutting shoe. This minimizes damage and compression of the formation allowing for accurate determination of K-values in these sensitive materials. After the pre-core is removed, the DT21 Profiler screen is installed in the core hole. An adapter for nominal 1/2-inch Schedule 80 PVC (PN 17561) is assembled onto 1/2-inch PVC casing and installed in the top of the DT21 profiler screen (Figure 13.3). This reduces the casing ID and significantly increases the recovery rate of the slug test.

In moderate-K formations (e.g. $< 10^{-3}$ cm/sec to $> 10^{-6}$ cm/sec), a PVC casing adapter and bushing (PN 17558 and 17559) may be used to attach the pneumatic head to the PVC casing so pneumatic slug tests may be conducted. In low- to very low-K formations (e.g. less than 10^{-5} cm/sec) polyethylene tubing (TB25L) may be placed over the transducer cable to further reduce the effective casing radius and speed up the slug test recovery rate. In this configuration the transducer and poly-shrouded cable become a mechanical slug-transducer. Mechanical slug testing with this configuration eliminates the need to wait for re-equilibration of the water level needed when pneumatic slug testing is conducted. In these low-K formations this re-equilibration of the water level needed for pneumatic slug testing will more than double the length of the slug test, which may be several hours in length. So use of the mechanical slug-transducer configuration can save over 50% of the time required for slug testing in these low-K formations.

13.3 Slug Tests in Monitoring Wells

Small-diameter direct push installed monitoring wells (Fig. 13.4) and conventional 2.0-inch PVC wells may also be used for slug testing with the Pneumatic Slug Test kit. Adapters and bushings to attach the pneumatic head assembly to nominal 1/2-inch up to 2-inch PVC casing are available (see Section 3.0). Follow the manufacturer's standard operating procedure (Geoprobe® Technical Bulletins 96-2000, 99-2500) or appropriate ASTM Standard Guide (D 6724) or Standard Practices (D 6725 or D 5092) for well installation and construction. Remember that appropriate development (ASTM D 5521) is necessary to obtain representative slug test results and K-values in small- or large-diameter wells. Once the well has been installed and developed, the PVC casing adapter (and bushing if required) is used to attach the pneumatic head assembly to the well casing (Fig. 13.4). Slug testing then follows the same procedures as described in the above sections. Remember that the pneumatic method can not be used in wells where the static water level is within the screen interval or will be lowered into the screen interval during the pressurization of the well head. Under these conditions mechanical slug test methods must be applied.





14.0 Hints and Tips

Development!! Do it or just don't run the slug test.

Do not over-pressurize the well head as this can result in a damaged transducer and/or air in the formation which will result in inaccurate results.

Run multiple tests with varying initial head (H_0) to verify aquifer response and development meet model requirements (e.g. When normalized data for tests with different H_0 are normalized and plotted on semi-log paper the results over lay one another).

Cool transducer to ambient groundwater temperature before zeroing and beginning slug test to prevent baseline drift.

After cooling the transducer in the groundwater, raise it just above the water level to zero at atmospheric pressure.

Watch the air pressure gauge on the pneumatic head to detect slow leaks. The water level will rise in the well as quickly as air escapes from a slow leak. The transducer readout on screen may appear stable when in fact the water level and air pressure in the well are both changing to maintain equilibrium in response to the slow leak.

Use smaller initial head values (H_0) especially in very high-K formations to be sure to get accurate results. In higher-K formations, using a large initial head will result in erroneous well response and incorrect results. Do not use initial head of over 20 inches (~50cm) under most conditions (less is preferable in high-K formations).

For smaller-diameter wells (1-inch or less), be sure to correct the casing radius (r_c) for the transducer cable radius before calculating the hydraulic conductivity. If this correction is not made, errors in the calculated K-value of 10% or greater may occur.

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Appendix I: Field Calibration of the Transducer

The transducer, data logger, and software system are designed with a built-in calibration that will calculate a head value in feet and millimeters, and a pressure value in millibars. This internal calibration factor is not exact, but should provide head and pressure values within 10% of the true values. Instrument drift over time is a normal phenomenon and results in these variations. While the precision of the data will be very good over time, the accuracy may shift from the true value due to this instrument drift.

Since the data is normalized (H_i/H_o) for use in modeling and calculation of the hydraulic conductivity, it is not mandatory that the reported head or pressure values be exactly accurate. Normalizing the data removes the units so that modeling is done with simple ratios. It would be possible to use simply the transducer voltage readout and normalize these by the H_o voltage value to obtain the same ratios as calculated with normalized head values originally stated in feet or inches. However, if for your project it is necessary to have accurate as well as precise head data, then a simple field calibration may be conducted prior to running slug tests to obtain an accurate calibration line.

Take a clear plastic four-foot long Macro-Core® soil sample liner or DT21 soil sample liner, cap the bottom, and tape it sealed. Stand the tube upright and fill it to over-running with clean water. (Refer to Sections 7.0, 8.0, and 9.0 for more information on the following actions.) Connect the transducer to the data logger and the data logger to the power supply and laptop computer. Turn on the computer and initialize the slug test software. Let the transducer equilibrate at ambient working temperature. Begin saving the *.dat file in the software (e.g. filename CAL730). With the transducer stabilized at atmospheric pressure, record data for at least one minute. Next, insert the transducer exactly 6 inches (152 mm) below the water level in the water-filled liner. Again take at least one minute of data at this water level. Lower the transducer to depths of 12, 18, 24, 30, and 36 inches (305, 457, 610, 762, and 914 mm) in the water column and leave it at each depth for a minimum of one minute after it has stabilized. Once the information for each depth interval is obtained exit from the file.

This data file may be imported into a spreadsheet or scientific software system for plotting and calculation of the calibration equation. An example of a portion of the raw data file is shown in Table A-1. Plotting this data (Figure A-1) is recommended for visual review and selection of the time intervals to be used to calculate the average transducer reading at each water depth interval and atmospheric pressure. Table A-2 shows the time interval and transducer voltage readouts for each water depth and atmospheric pressure used to calculate the average voltage for that condition. As an example, for the condition of 12 inches of water the plot (Fig. A-1) indicated that the transducer readout was stable from the 550- to 600-second interval. The average voltage over this interval was calculated by summing the voltage readout at each time increment and then dividing by the number of readings (n) summed:

$$(\text{Sum}(V_{550} \text{ to } V_{600}))/n = \text{average voltage for 12 inches of water over the time interval specified.}$$

This same calculation is conducted for each water depth interval monitored for an equal time period so equal weight is given to each depth interval. Then a linear regression analysis is applied to the paired data points (water depth, average voltage) to determine the least squares best fit regression line for calibration of the transducer under ambient conditions (Table A-3). Most spreadsheet and scientific software programs have a function or macro to calculate the regression line parameters and correlation coefficient. Rerunning the field calibration is recommended if the correlation coefficient is less than 0.99. If a correlation coefficient of 0.99 or better can not be obtained, the transducer may need maintenance or possibly replacement if it is considerably of range.

The slope of the regression line and the Y-intercept determined from the least squares fit can now be used to calculate a very accurate head level (see Table A-3) for slug tests run under this calibration. The transducer voltage is multiplied by the slope (m) and the intercept value is added to the result to get the true head reading. If very accurate data is required, calibrations may be conducted daily (or more often) if instrument drift is significant.

Field Calibration of 10psi transducer
 Nov. 30, 2001
 Wes McCall

Raw Data File:

Time (seconds)	Transducer (volts)	Head (feet)	Head (mm)	Pressure (millibars)
0	0.03545	0.36989	112.7417	11.04739
0.5	0.03545	0.36989	112.7417	11.04739
1	0.03545	0.36989	112.7417	11.04739
1.5	0.0217	0.2264	69.00566	6.76176
2	-0.01039	-0.10842	-33.045	-3.23803
2.5	-0.01192	-0.12436	-37.9045	-3.71421
3	-0.01253	-0.13074	-39.8483	-3.90468
3.5	-0.01222	-0.12755	-38.8764	-3.80944
4	-0.01192	-0.12436	-37.9045	-3.71421
4.5	-0.01131	-0.11798	-35.9607	-3.52373
5	-0.01131	-0.11798	-35.9607	-3.52373
5.5	-0.011	-0.11479	-34.9888	-3.4285
6	-0.0107	-0.1116	-34.0169	-3.33326
6.5	-0.0107	-0.1116	-34.0169	-3.33326
7	-0.01008	-0.10523	-32.0731	-3.14279
7.5	-0.00978	-0.10204	-31.1011	-3.04755
8	-0.00947	-0.09885	-30.1292	-2.95232
8.5	-0.00917	-0.09566	-29.1573	-2.85708
9	-0.00856	-0.08928	-27.2135	-2.66661
9.5	-0.00825	-0.08609	-26.2416	-2.57137
10	-0.00795	-0.08291	-25.2697	-2.47614
10.5	-0.00733	-0.07653	-23.3259	-2.28567
11	-0.00703	-0.07334	-22.354	-2.19043
11.5	-0.00672	-0.07015	-21.382	-2.09519
12	-0.00611	-0.06377	-19.4382	-1.90472
12.5	-0.00611	-0.06377	-19.4382	-1.90472
13	-0.0055	-0.0574	-17.4944	-1.71425
13.5	-0.0055	-0.0574	-17.4944	-1.71425
14	-0.00489	-0.05102	-15.5506	-1.52378
14.5	-0.00489	-0.05102	-15.5506	-1.52378
15	-0.00458	-0.04783	-14.5787	-1.42854
15.5	-0.00428	-0.04464	-13.6068	-1.33331
16	-0.00397	-0.04145	-12.6348	-1.23807
16.5	-0.00367	-0.03826	-11.6629	-1.14283
17	-0.00367	-0.03826	-11.6629	-1.14283
17.5	-0.00306	-0.03189	-9.71911	-0.95236
18	-0.00306	-0.03189	-9.71911	-0.95236
18.5	-0.00275	-0.0287	-8.7472	-0.85712
19	-0.00244	-0.02551	-7.77529	-0.76189
19.5	-0.00214	-0.02232	-6.80338	-0.66665
20	-0.00214	-0.02232	-6.80338	-0.66665
20.5	-0.00183	-0.01913	-5.83146	-0.57142
21	-0.00183	-0.01913	-5.83146	-0.57142
21.5	-0.00122	-0.01275	-3.88764	-0.38094
22	-0.00122	-0.01275	-3.88764	-0.38094
22.5	-0.00092	-0.00957	-2.91573	-0.28571
23	-0.00061	-0.00638	-1.94382	-0.19047
23.5	-0.00061	-0.00638	-1.94382	-0.19047
24	-0.00031	-0.00319	-0.97191	-0.09524
24.5	0	0	0	0
25	0	0	0	0
25.5	0.00031	0.00319	0.97191	0.09524
26	0.00061	0.00638	1.94382	0.19047
26.5	0.00061	0.00638	1.94382	0.19047
27	0.00061	0.00638	1.94382	0.19047
27.5	0.00092	0.00957	2.91573	0.28571
28	0.00122	0.01275	3.88764	0.38094
28.5	0.00183	0.01913	5.83146	0.57142

TABLE A-1:
 Example of raw data file from field calibration of transducer

10psi Transducer Calibration

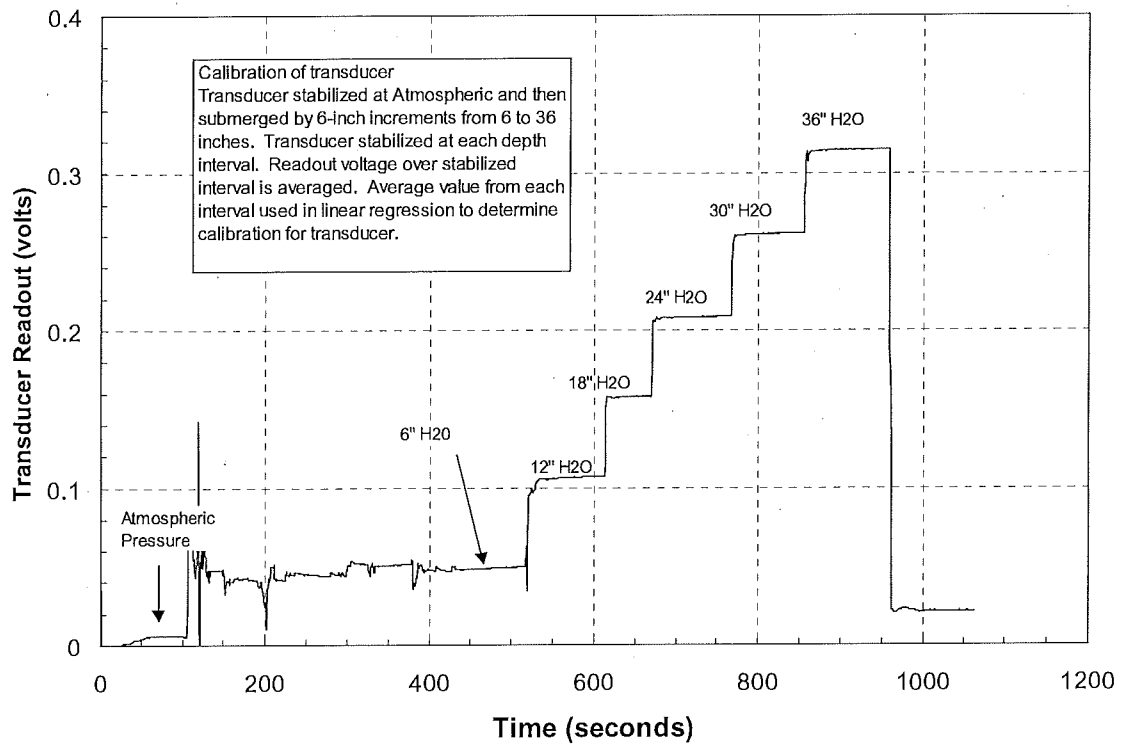


FIGURE A-1:
Plot of transducer voltage (raw data) collected during field calibration

Transducer Calibration Factor

Inches of Water	Averaged Transducer Voltage
0	0.005677
6	0.048791
12	0.106326
18	0.162364
24	0.205384
30	0.261221
36	0.314723

Regression Output:

Constant (b)	-0.264402
Std Err of Y Est	0.410288
R Squared	0.999165
No. of Observations	7
Degrees of Freedom	5
X Coefficient (m)	115.4423
Std Err of Coef.	1.492468

Regression Line $Y = mX + b$

where: $Y =$ Inches of water
 $155.44 = m =$ slope of regression line
 $X =$ Transducer voltage
 $-0.2644 = b =$ Y-intercept

Example:

If transducer voltage = 0.1458

Then inches - water = 16.57

TABLE A-3:
Linear regression analysis of average transducer voltage for each water depth (from TABLE A-2) provides calibration data for transducer

Equipment and tool specifications, including weights, dimensions, materials, and operating specifications included in this brochure are subject to change without notice. Where specifications are critical to your application, please consult Geoprobe Systems®.

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-Corporate Offices-

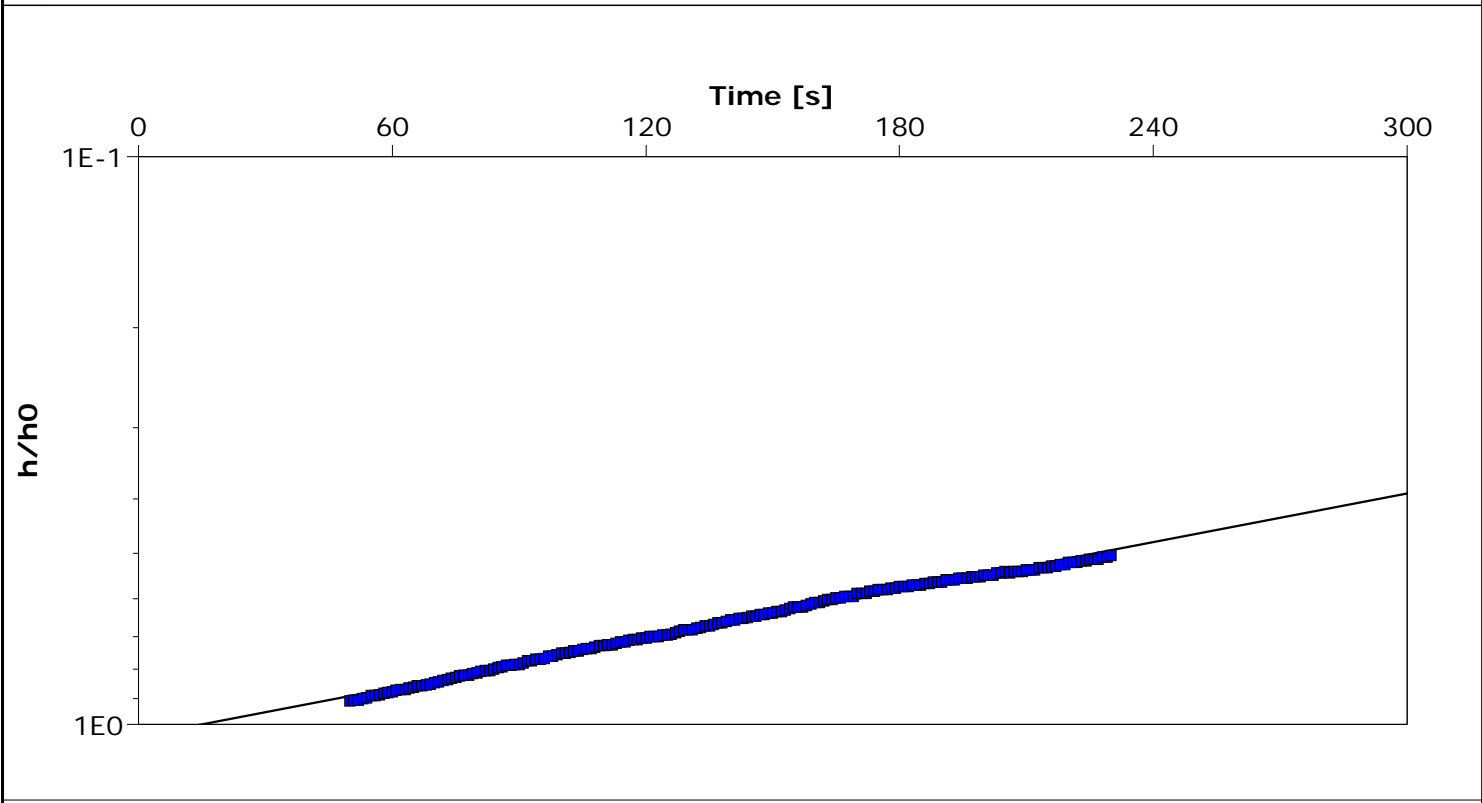
601 N. Broadway • Salina, KS 67401

1-800-436-7762 • Fax 785-825-2097


www.geoprobe.com

Contact Info Address Company Name City, State/Province	Slug Test Analysis Report	
	Project: Park Laundry	
	Number: 8006.31.04	
	Client: URIC	

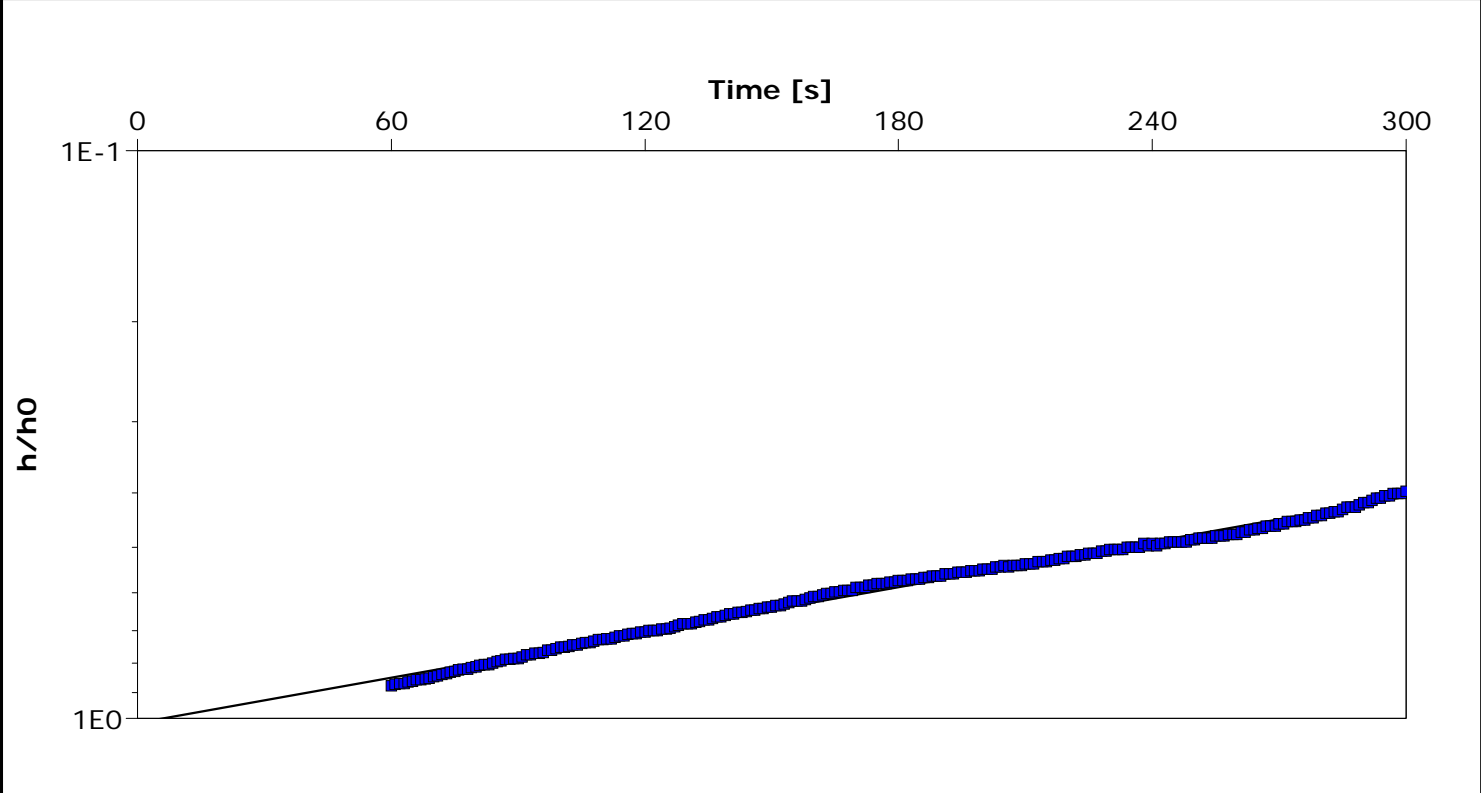
Location: Ridgefield, WA	Slug Test: MW01-A	Test Well: MW01-A
Test Conducted by: EMC		Test Date: 12/5/2014
Analysis Performed by: EMC	Hvorslev	Analysis Date: 12/19/2014
Aquifer Thickness: 8.46 ft		



Calculation using Hvorslev		
Observation Well	Hydraulic Conductivity	
	[ft/d]	
MW01-A	8.12×10^{-1}	

	Contact Info Address Company Name City, State/Province	Slug Test Analysis Report	
		Project: Park Laundry	
		Number: 8006.31.04	
		Client: URIC	

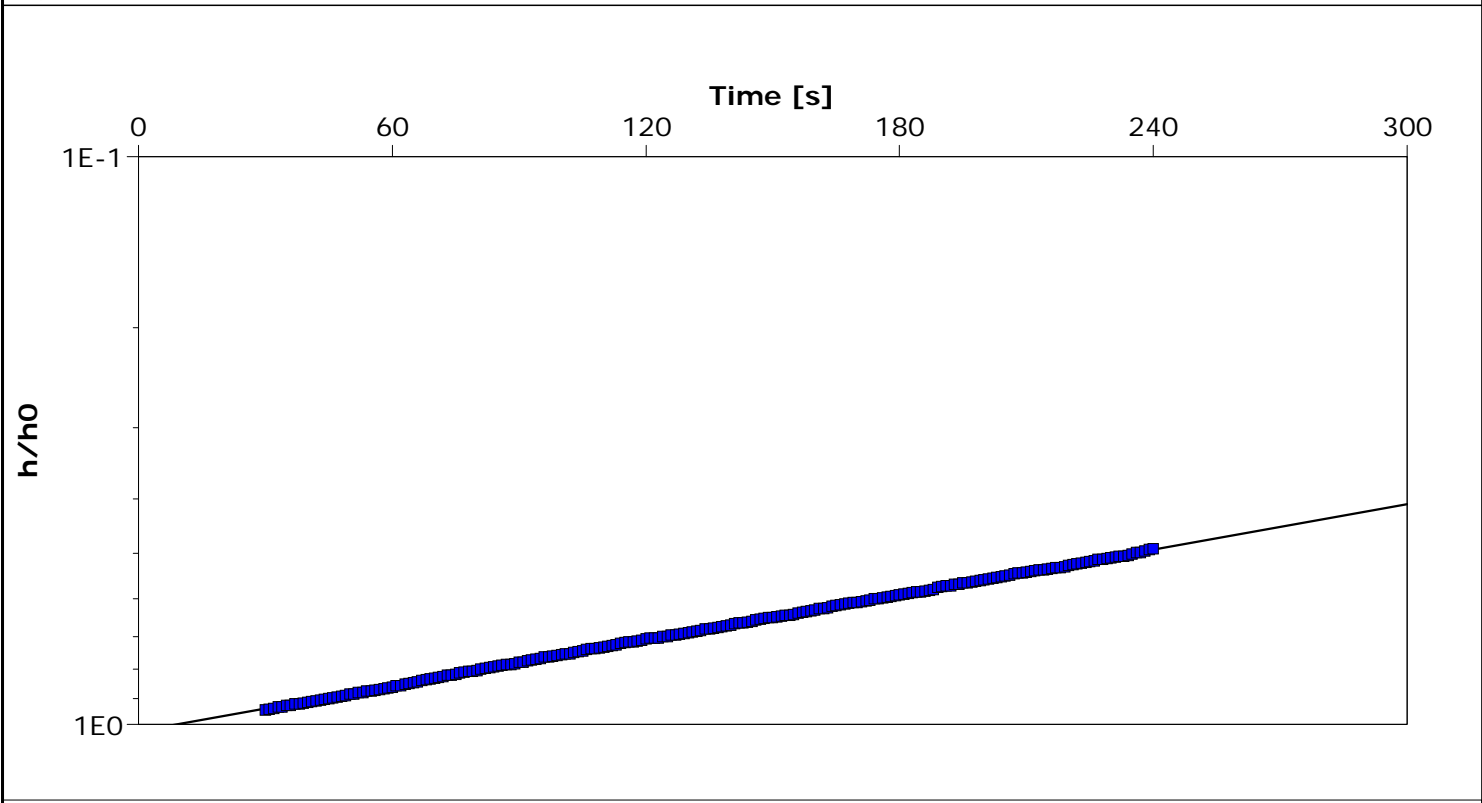
Location: Ridgefield, WA	Slug Test: MW01-A	Test Well: MW01-A
Test Conducted by: EMC		Test Date: 12/5/2014
Analysis Performed by: EMC	Bouwer & Rice	Analysis Date: 2/6/2015
Aquifer Thickness: 8.46 ft		




Calculation using Bouwer & Rice		
Observation Well	Hydraulic Conductivity [ft/d]	
MW01-A	5.80×10^{-1}	

Contact Info Address Company Name City, State/Province	Slug Test Analysis Report	
	Project: Park Laundry	
	Number: 8006.31.04	
	Client: URIC	

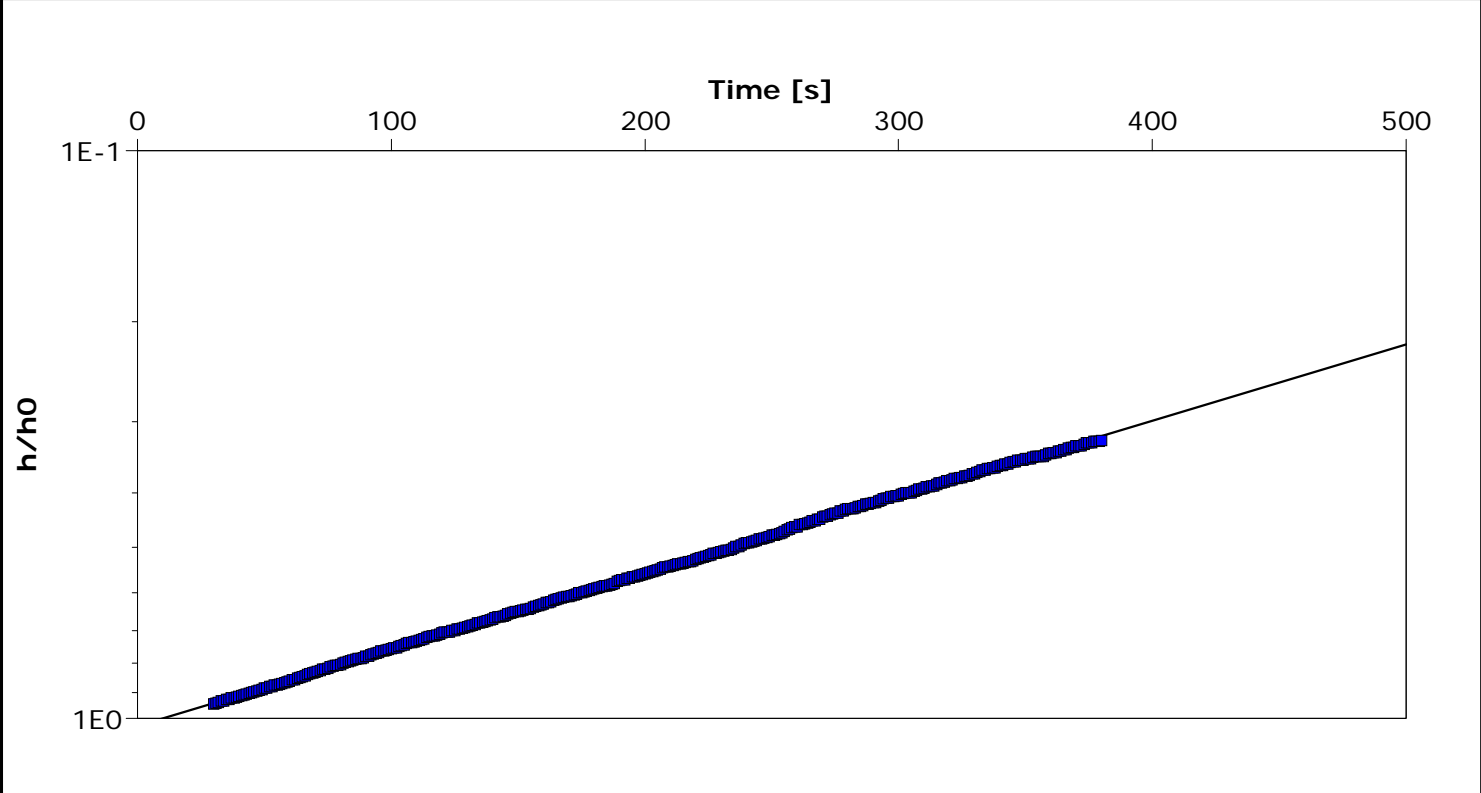
Location: Ridgefield, WA	Slug Test: MW01-B	Test Well: MW01-B
Test Conducted by: EMC		Test Date: 12/5/2014
Analysis Performed by: EMC	Hvorslev	Analysis Date: 12/30/2014
Aquifer Thickness: 8.46 ft		



Calculation using Hvorslev		
Observation Well	Hydraulic Conductivity [ft/d]	
MW01-B	7.60×10^{-1}	

	Contact Info Address Company Name City, State/Province	Slug Test Analysis Report	
		Project: Park Laundry	
		Number: 8006.31.04	
		Client: URIC	

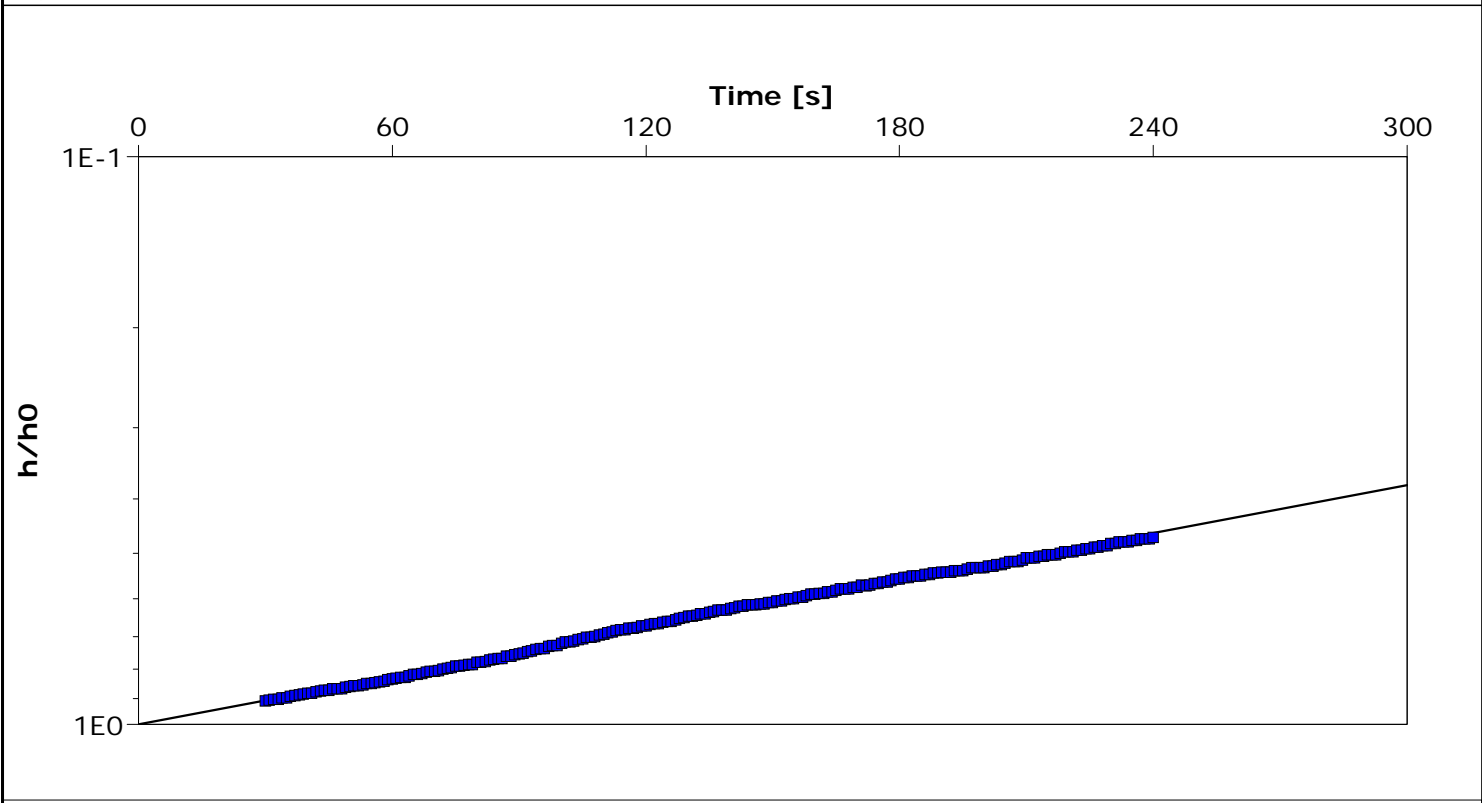
Location: Ridgefield, WA	Slug Test: MWo1-B	Test Well: MW01-B
Test Conducted by: EMC		Test Date: 12/5/2014
Analysis Performed by: EMC	Bouwer & Rice	Analysis Date: 2/6/2015
Aquifer Thickness: 8.46 ft		




Calculation using Bouwer & Rice		
Observation Well	Hydraulic Conductivity [ft/d]	
MW01-B	5.86×10^{-1}	

Contact Info Address Company Name City, State/Province	Slug Test Analysis Report	
	Project: Park Laundry	
	Number: 8006.31.04	
	Client: URIC	

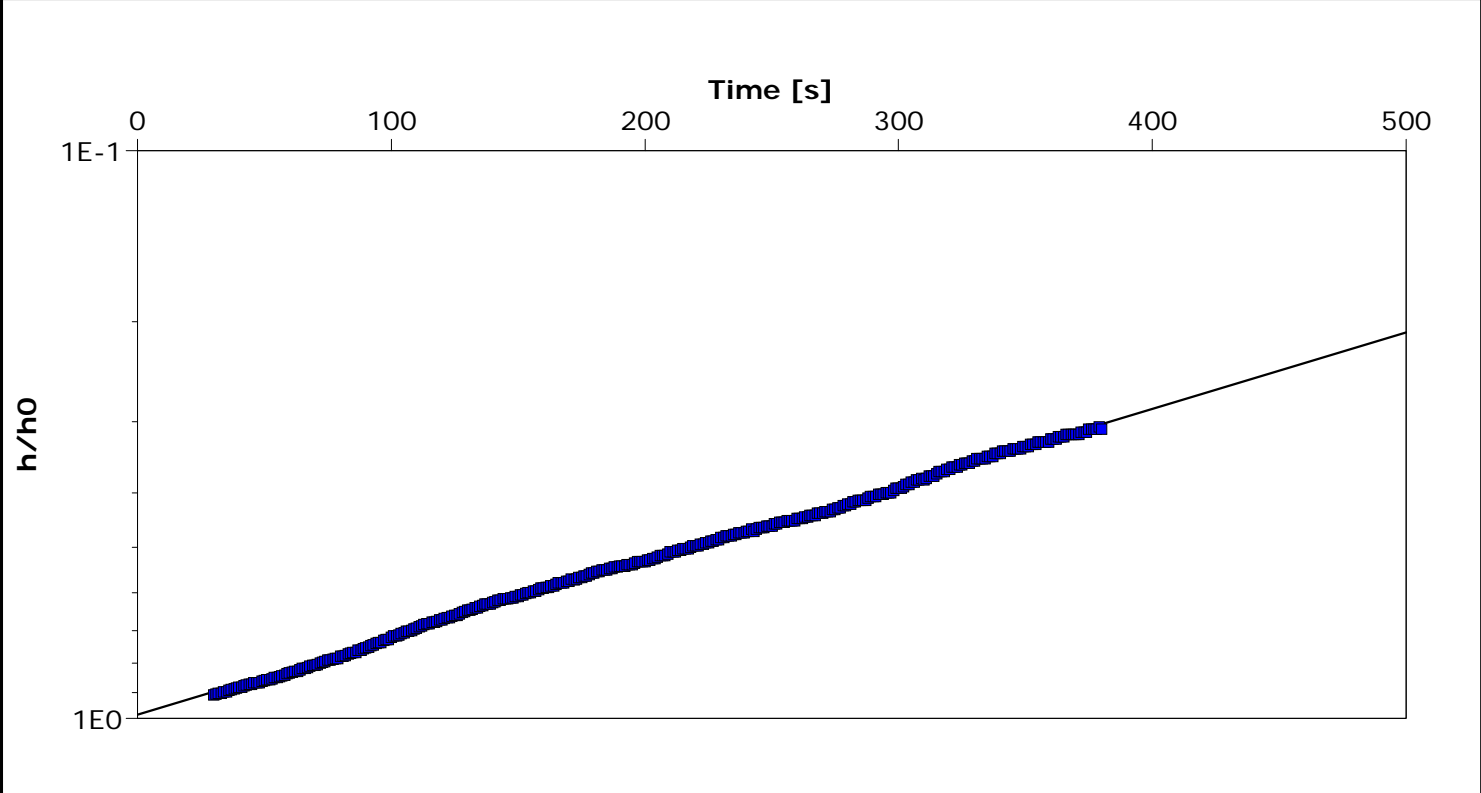
Location: Ridgefield, WA	Slug Test: MW01-C	Test Well: MW01-C
Test Conducted by: EMC		Test Date: 12/5/2014
Analysis Performed by: EMC	Hvorslev	Analysis Date: 12/30/2014
Aquifer Thickness: 8.46 ft		



Calculation using Hvorslev		
Observation Well	Hydraulic Conductivity	
	[ft/d]	
MW01-C	7.97×10^{-1}	

	Contact Info Address Company Name City, State/Province	Slug Test Analysis Report	
		Project: Park Laundry	
		Number: 8006.31.04	
		Client: URIC	

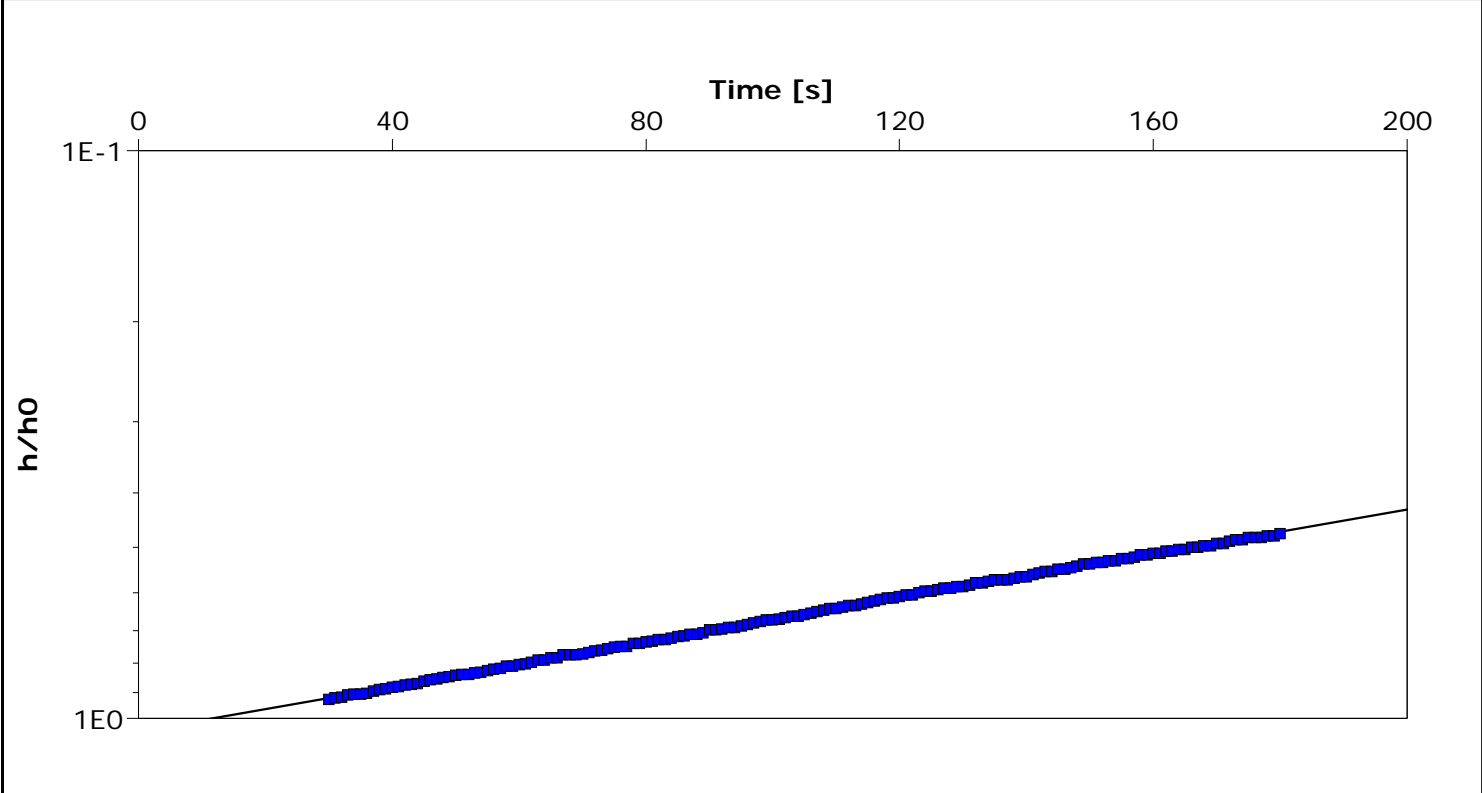
Location: Ridgefield, WA	Slug Test: MW01-C	Test Well: MW01-C
Test Conducted by: EMC		Test Date: 12/5/2014
Analysis Performed by: EMC	Bouwer & Rice	Analysis Date: 2/6/2015
Aquifer Thickness: 8.46 ft		




Calculation using Bouwer & Rice		
Observation Well	Hydraulic Conductivity [ft/d]	
MW01-C	5.87×10^{-1}	

Contact Info Address Company Name City, State/Province	Slug Test Analysis Report	
	Project: Park Laundry	
	Number: 8006.31.04	
	Client: URIC	

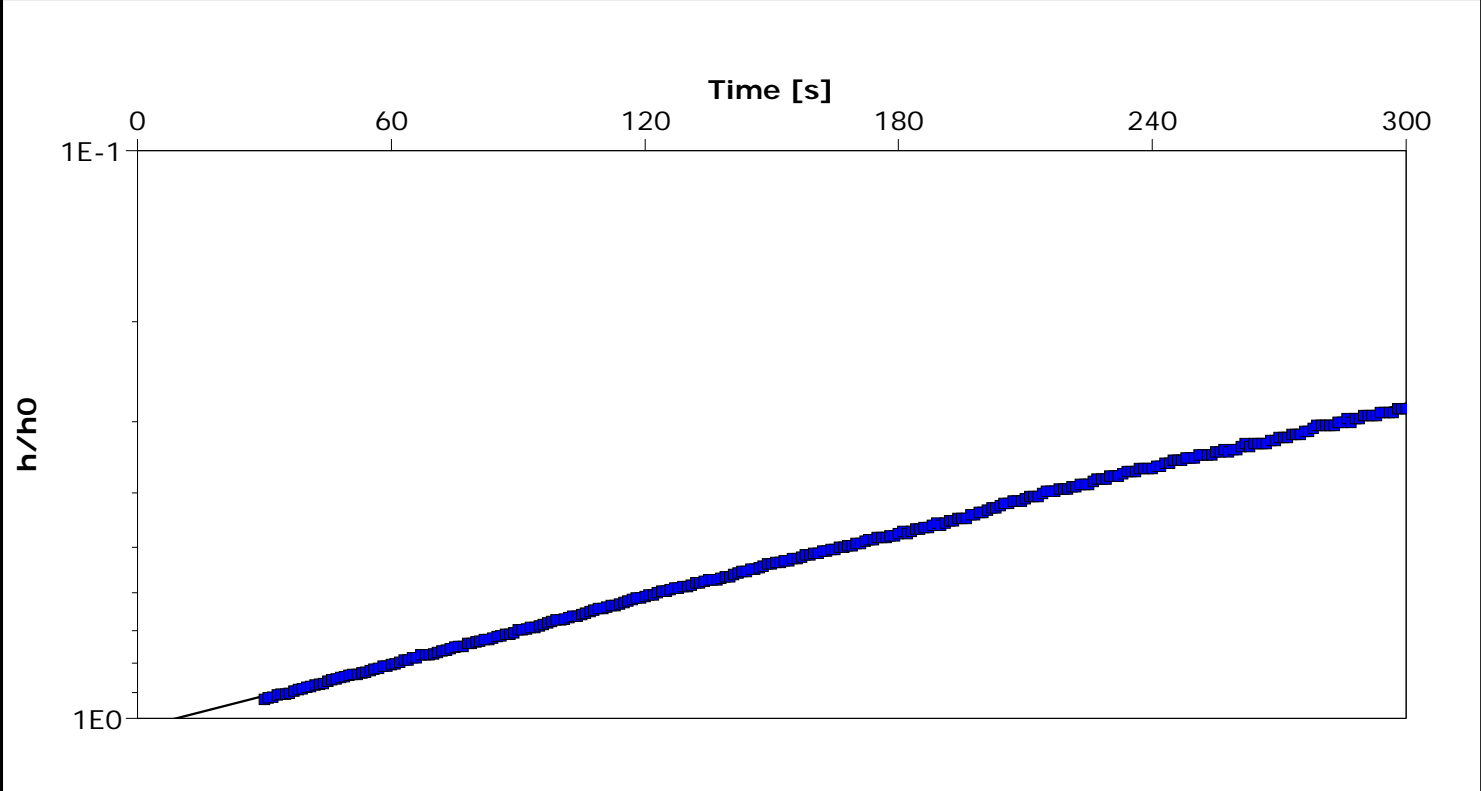
Location: Ridgefield, WA	Slug Test: MW03-A	Test Well: MW03-A
Test Conducted by: EMC		Test Date: 12/5/2014
Analysis Performed by: EMC	Hvorslev	Analysis Date: 12/30/2014
Aquifer Thickness: 9.31 ft		



Calculation using Hvorslev		
Observation Well	Hydraulic Conductivity [ft/d]	
MW03-A	1.11×10^0	

 Contact Info Address Company Name City, State/Province	Slug Test Analysis Report	
	Project: Park Laundry	
	Number: 8006.31.04	
	Client: URIC	

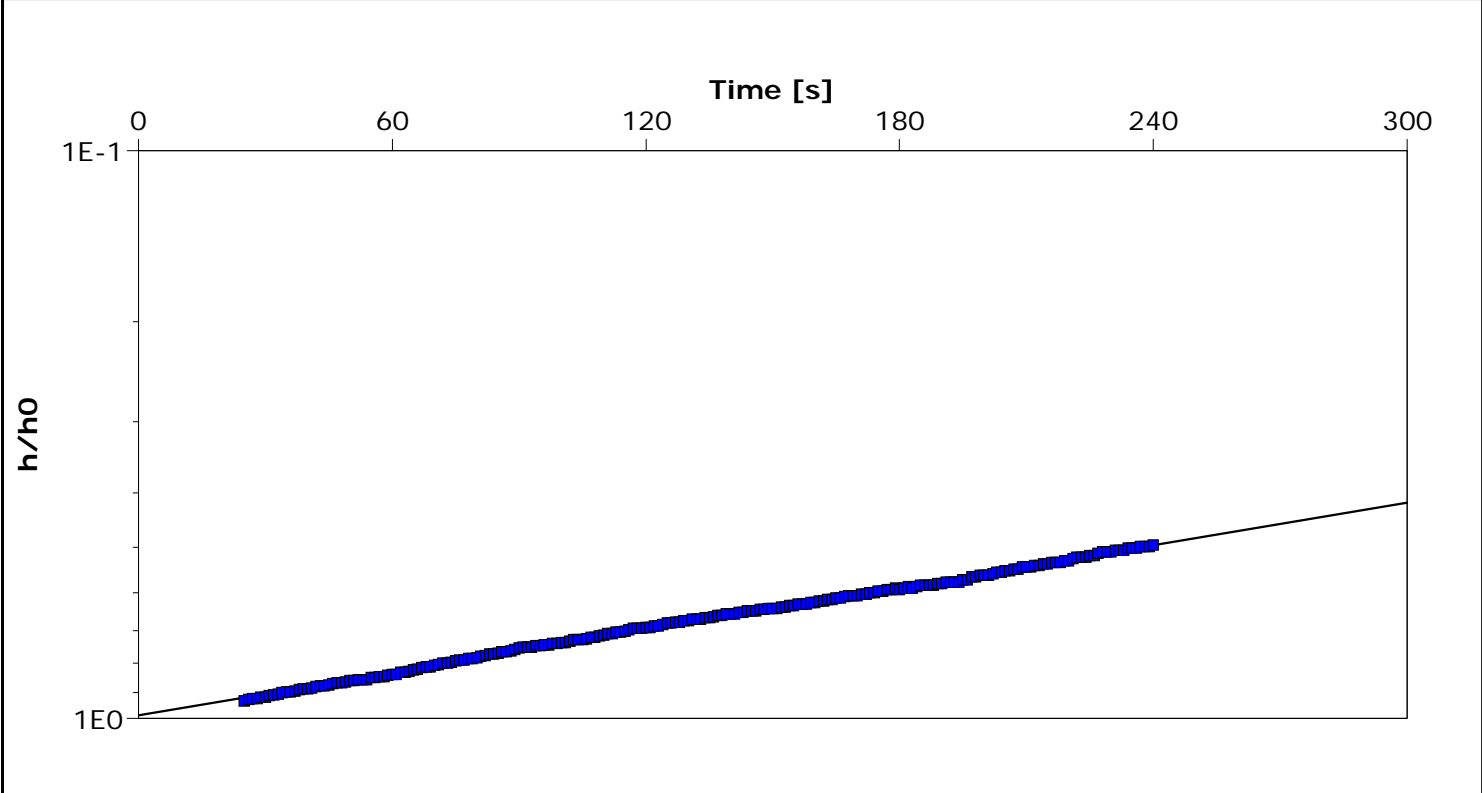
Location: Ridgefield, WA	Slug Test: MW03-A	Test Well: MW03-A
Test Conducted by: EMC		Test Date: 12/5/2014
Analysis Performed by: EMC	Bouwer & Rice	Analysis Date: 2/6/2015
Aquifer Thickness: 9.31 ft		




Calculation using Bouwer & Rice		
Observation Well	Hydraulic Conductivity [ft/d]	
MW03-A	8.31×10^{-1}	

Contact Info Address Company Name City, State/Province	Slug Test Analysis Report	
	Project: Park Laundry	
	Number: 8006.31.04	
	Client: URIC	

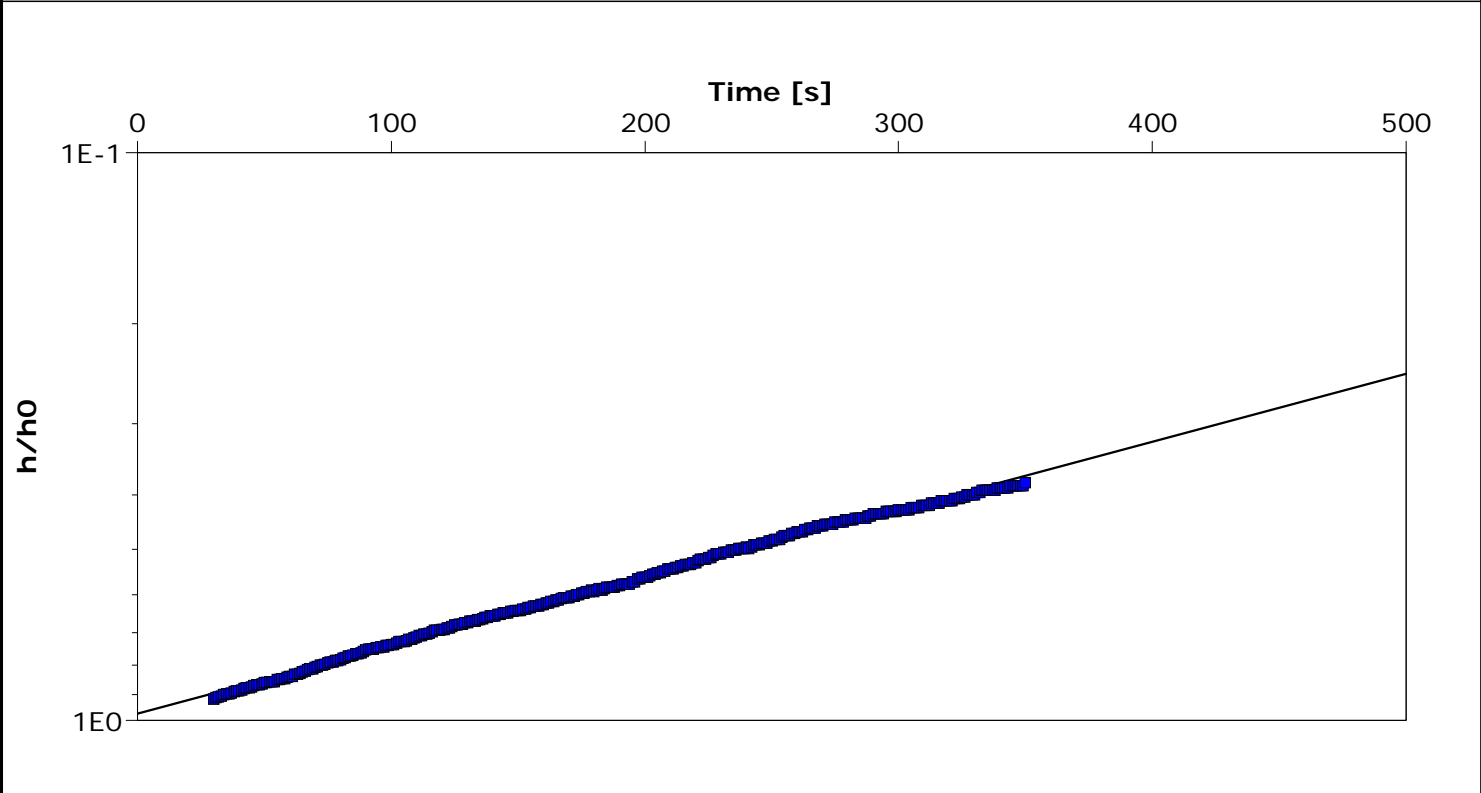
Location: Ridgefield, WA	Slug Test: MW04-A	Test Well: MW04-A
Test Conducted by: EMC		Test Date: 12/5/2014
Analysis Performed by: EMC	Hvorslev	Analysis Date: 12/30/2014
Aquifer Thickness: 10.37 ft		



Calculation using Hvorslev		
Observation Well	Hydraulic Conductivity	
	[ft/d]	
MW04-A	7.10×10^{-1}	

	Contact Info Address Company Name City, State/Province	Slug Test Analysis Report	
		Project: Park Laundry	
		Number: 8006.31.04	
		Client: URIC	

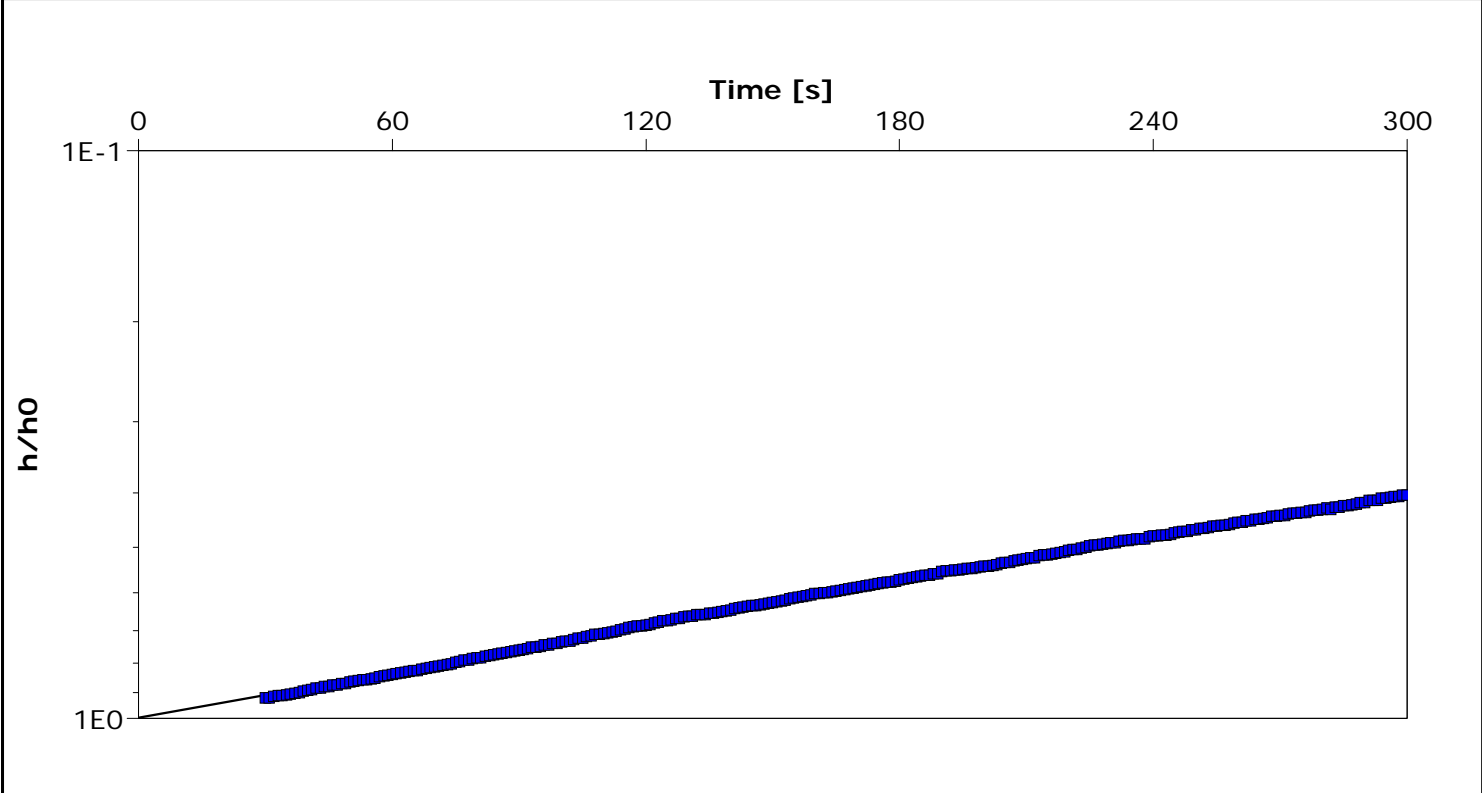
Location: Ridgefield, WA	Slug Test: MW04-A	Test Well: MW04-A
Test Conducted by: EMC		Test Date: 12/5/2014
Analysis Performed by: EMC	Bouwer & Rice	Analysis Date: 2/6/2015
Aquifer Thickness: 10.37 ft		




Calculation using Bouwer & Rice		
Observation Well	Hydraulic Conductivity	
	[ft/d]	
MW04-A	5.21×10^{-1}	

Contact Info Address Company Name City, State/Province	Slug Test Analysis Report	
	Project: Park Laundry	
	Number: 8006.31.04	
	Client: URIC	

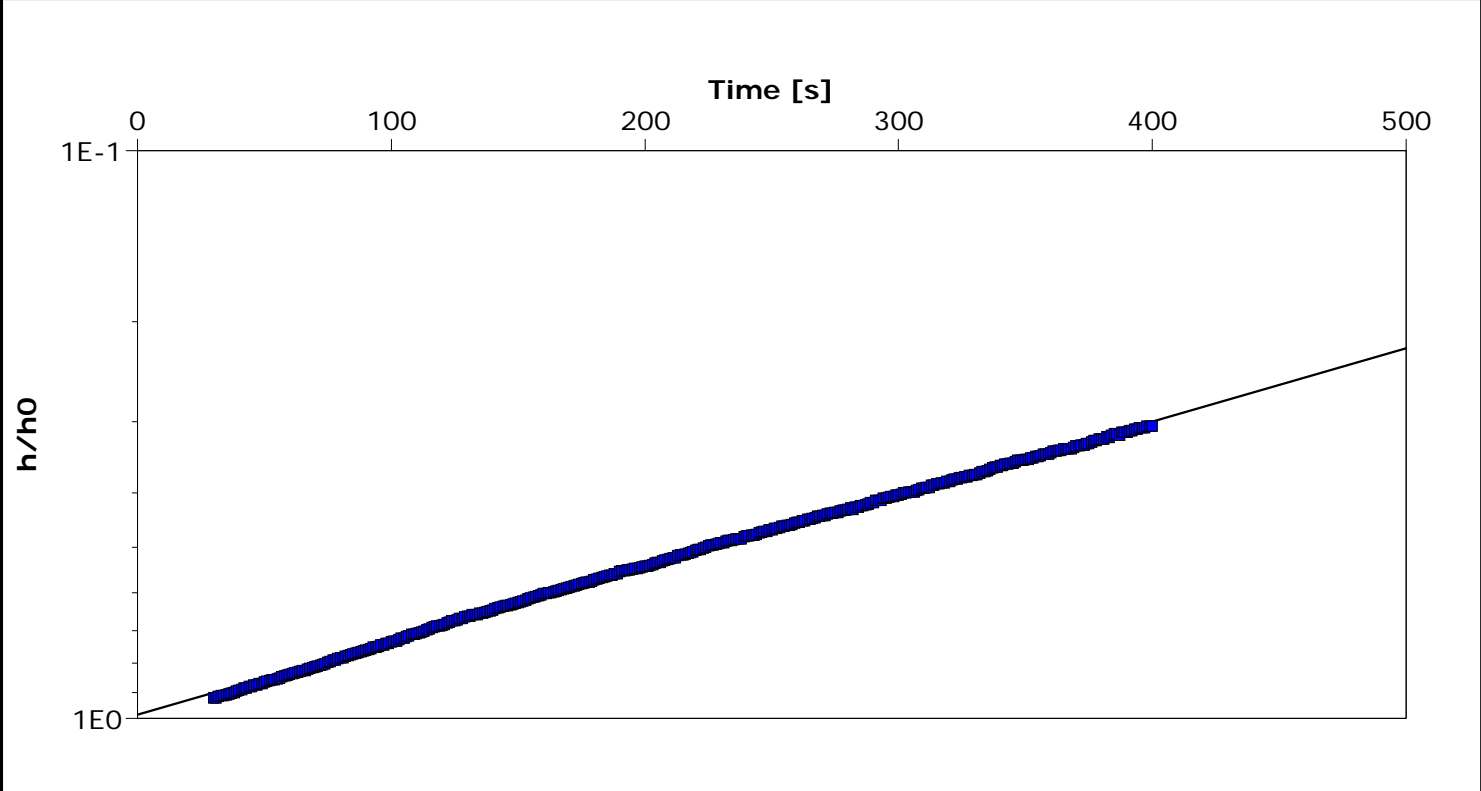
Location: Ridgefield, WA	Slug Test: MW04-B	Test Well: Well 1
Test Conducted by: EMC		Test Date: 12/5/2014
Analysis Performed by: EMC	Hvorslev	Analysis Date: 12/30/2014
Aquifer Thickness: 10.37 ft		



Calculation using Hvorslev		
Observation Well	Hydraulic Conductivity [ft/d]	
Well 1	7.55×10^{-1}	

 Contact Info Address Company Name City, State/Province	Slug Test Analysis Report	
	Project: Park Laundry	
	Number: 8006.31.04	
	Client: URIC	

Location: Ridgefield, WA	Slug Test: MW04-B	Test Well: MW04-B
Test Conducted by: EMC		Test Date: 12/5/2014
Analysis Performed by: EMC	Bouwer & Rice	Analysis Date: 2/6/2015
Aquifer Thickness: 10.37 ft		



Calculation using Bouwer & Rice		
Observation Well	Hydraulic Conductivity	
	[ft/d]	
MW04-B	5.63×10^{-1}	

Contact Info
Address
Company Name
City, State/Province

Slug Test Analysis Report

Project: Park Laundry

Number: 8006.31.04

Client: URIC

Location: Ridgefield, WA

Slug Test: MW04-C

Test Well: MW04-C

Test Conducted by: EMC

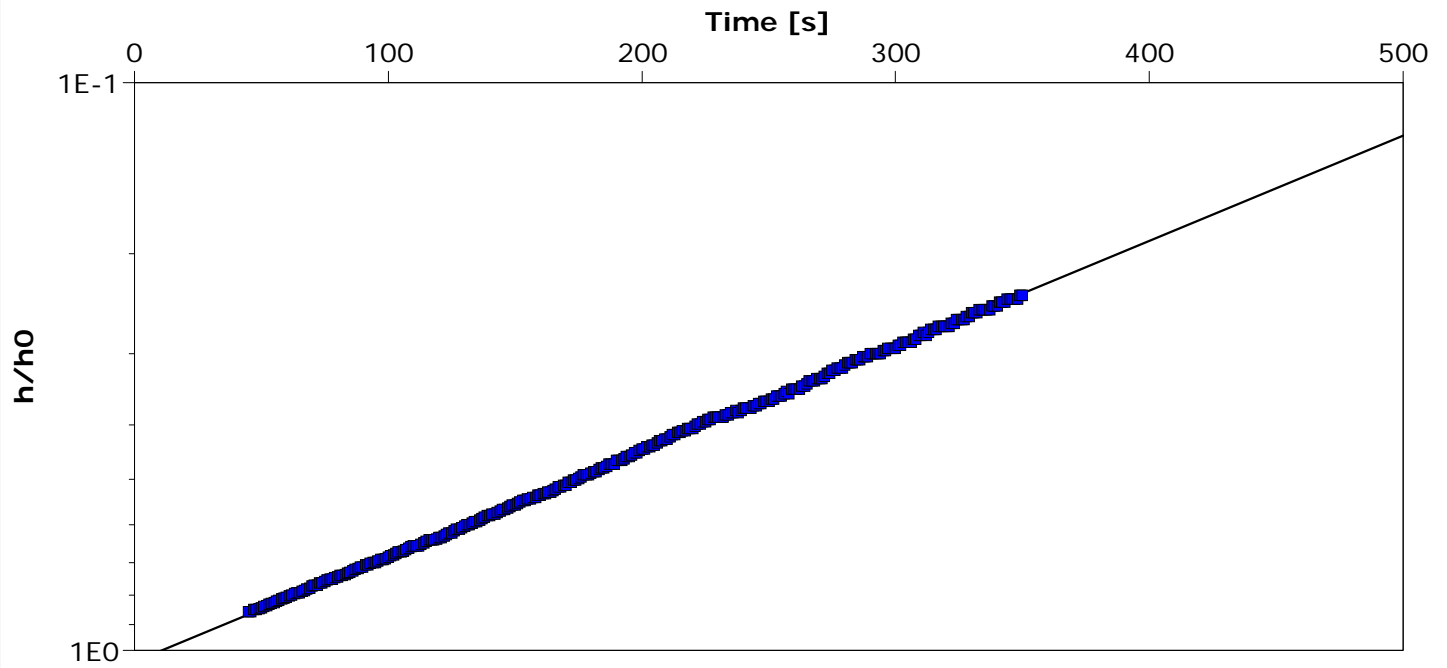
Test Date: 12/5/2014

Analysis Performed by: EMC

Hvorslev


Analysis Date: 12/30/2014

Aquifer Thickness: 10.37 ft

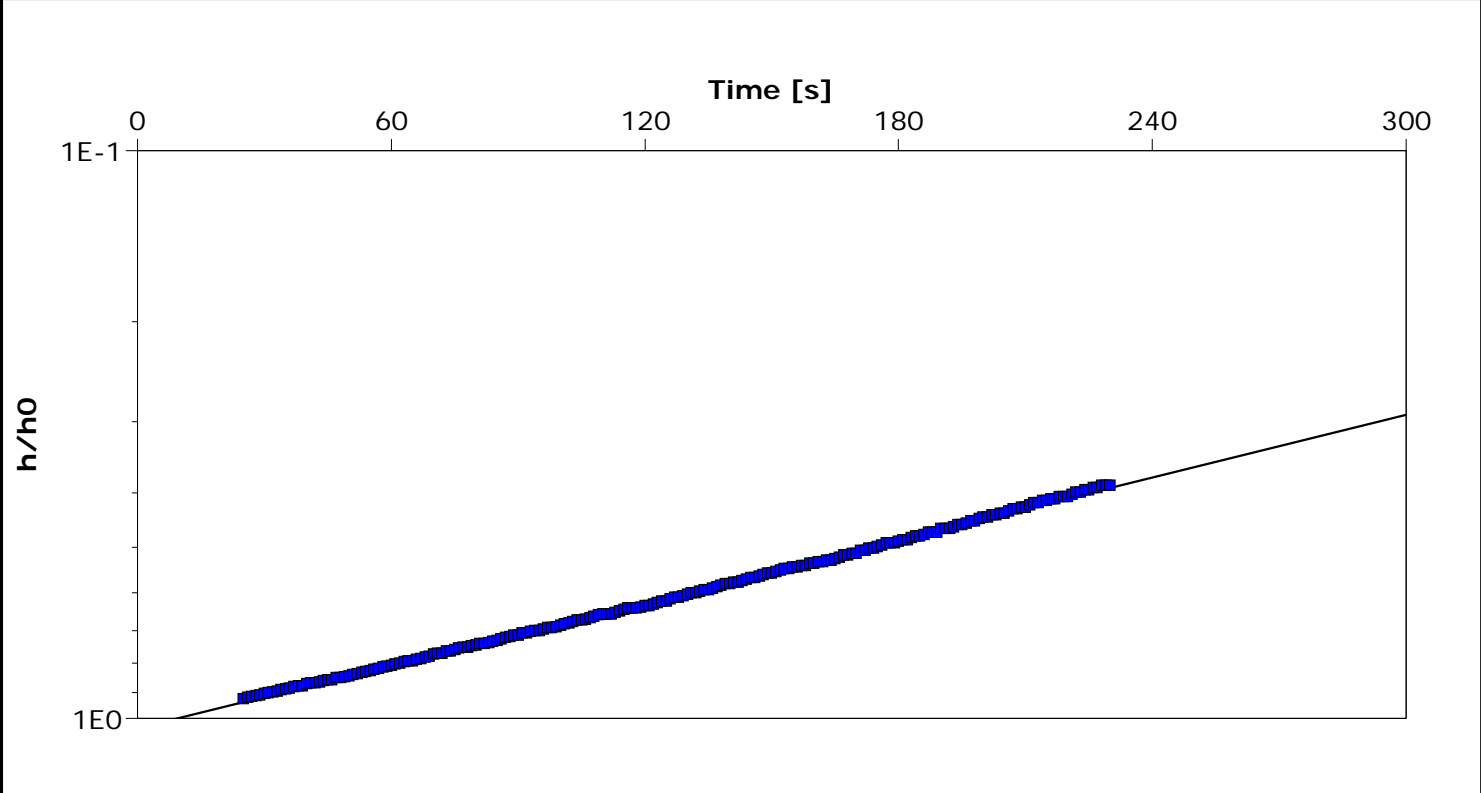


Calculation using Hvorslev

Observation Well	Hydraulic Conductivity [ft/d]
MW04-C	1.05×10^0

 Contact Info Address Company Name City, State/Province	Slug Test Analysis Report	
	Project: Park Laundry	
	Number: 8006.31.04	
	Client: URIC	

Location: Ridgefield, WA	Slug Test: MW04-C	Test Well: MW04-C
Test Conducted by: EMC		Test Date: 12/5/2014
Analysis Performed by: EMC	Bouwer & Rice	Analysis Date: 2/6/2015
Aquifer Thickness: 10.37 ft		



Calculation using Bouwer & Rice		
Observation Well	Hydraulic Conductivity	
	[ft/d]	
MW04-C	8.04×10^{-1}	



Contact Info
Address
Company Name
City, State/Province

Slug Test Analysis Report

Project: Park Laundry

Number: 8006.31.04

Client: URIC

Location: Ridgefield, WA

Slug Test: MW08-A

Test Well: MW08-A

Test Conducted by: EMC

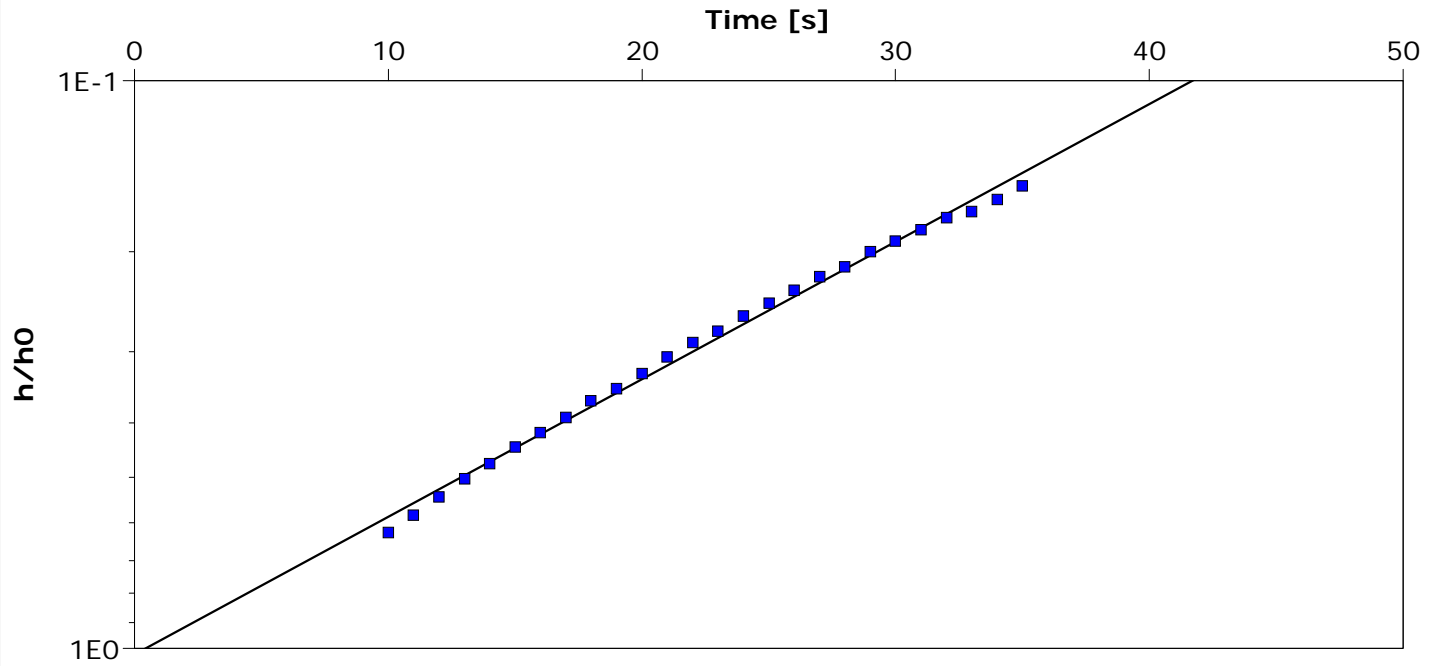
Test Date: 12/8/2014

Analysis Performed by: EMC

Hvorslev

Analysis Date: 2/6/2015

Aquifer Thickness: 45.22 ft



Calculation using Hvorslev

Observation Well	Hydraulic Conductivity [ft/d]
MW08-A	8.39×10^0

Contact Info
Address
Company Name
City, State/Province

Slug Test Analysis Report

Project: Park Laundry

Number: 8006.31.04

Client: URIC

Location: Ridgefield, WA

Slug Test: MW08-A

Test Well: MW08-A

Test Conducted by: EMC

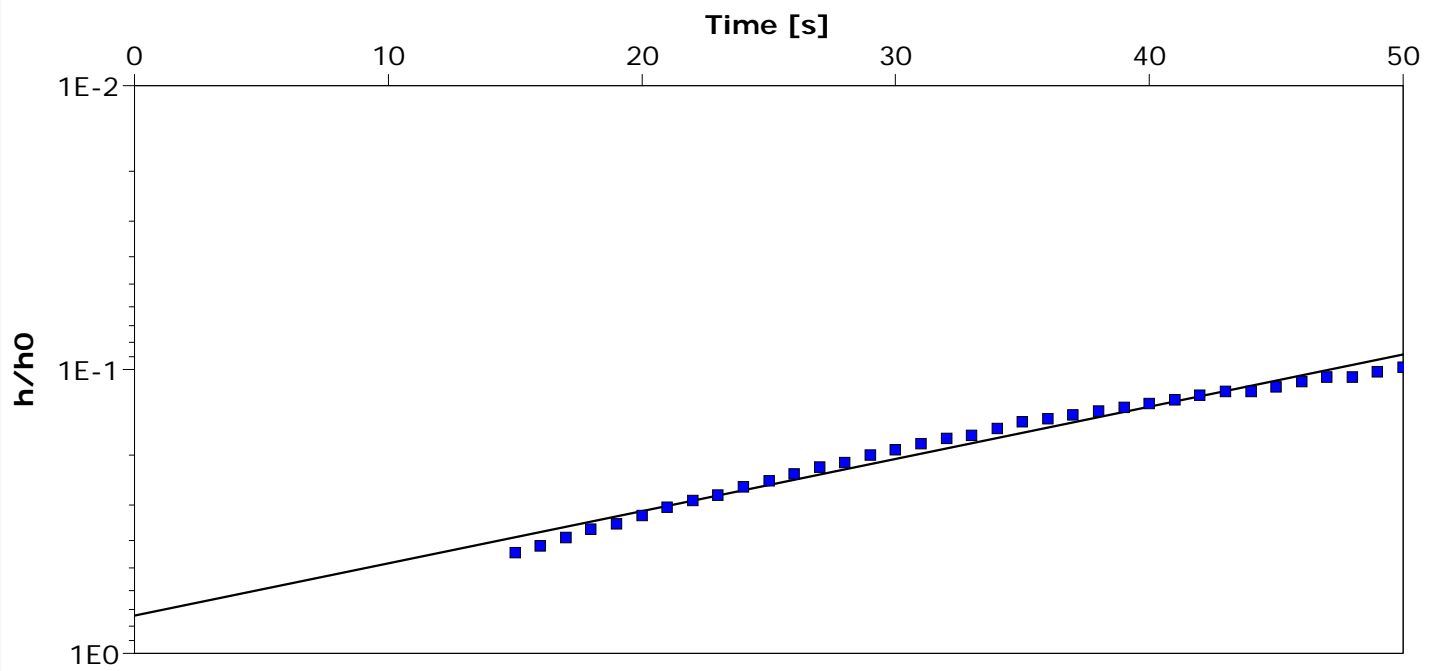
Test Date: 12/8/2014

Analysis Performed by: EMC

Bouwer & Rice

Analysis Date: 1/6/2015

Aquifer Thickness: 45.22 ft



Calculation using Bouwer & Rice

Observation Well	Hydraulic Conductivity [ft/d]
MW08-A	4.91×10^0



Contact Info
Address
Company Name
City, State/Province

Slug Test Analysis Report

Project: Park Laundry

Number: 8006.31.04

Client: URIC

Location: Ridgefield, WA

Slug Test: MW08-B

Test Well: MW08-B

Test Conducted by: EMC

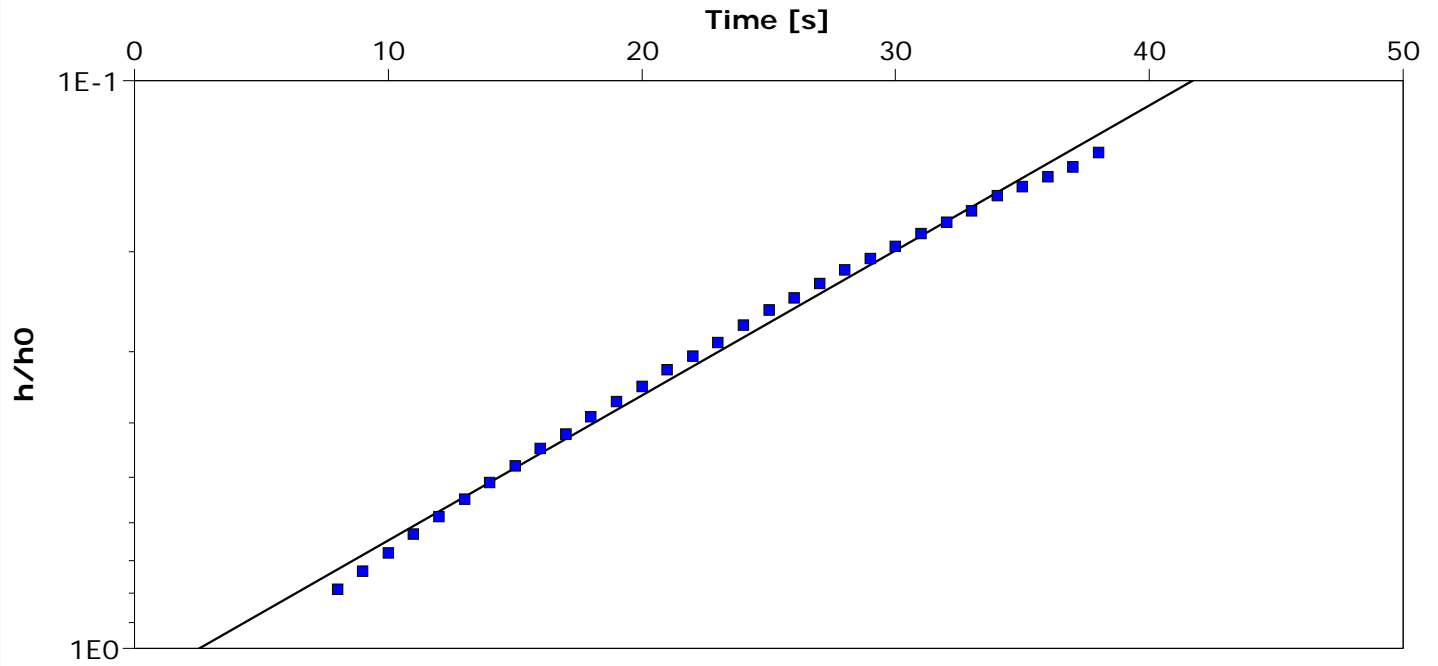
Test Date: 12/8/2014

Analysis Performed by: EMC

Hvorslev

Analysis Date: 2/6/2015

Aquifer Thickness: 45.22 ft



Calculation using Hvorslev

Observation Well	Hydraulic Conductivity [ft/d]
MW08-B	8.85×10^0

Contact Info
Address
Company Name
City, State/Province

Slug Test Analysis Report

Project: Park Laundry

Number: 8006.31.04

Client: URIC

Location: Ridgefield, WA

Slug Test: MW08-B

Test Well: MW08-B

Test Conducted by: EMC

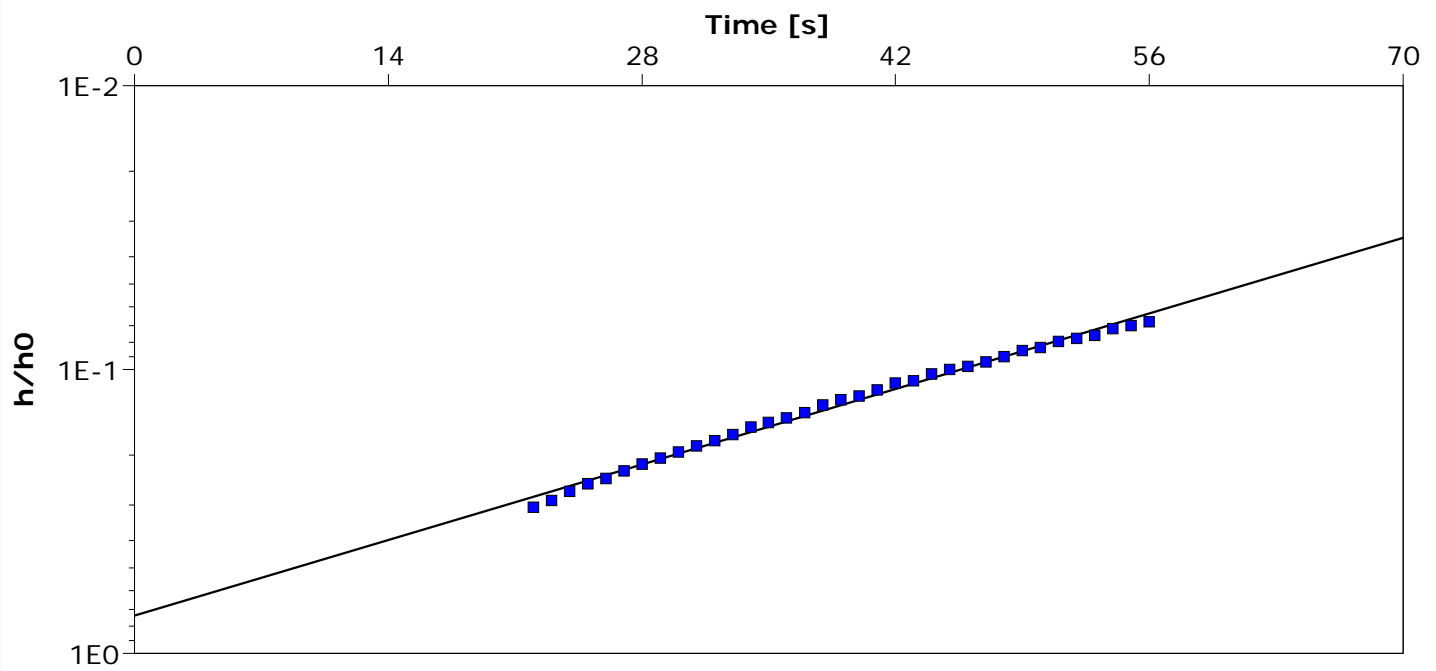
Test Date: 12/8/2014

Analysis Performed by: EMC

Bouwer & Rice

Analysis Date: 8/6/2015

Aquifer Thickness: 45.22 ft



Calculation using Bouwer & Rice

Observation Well	Hydraulic Conductivity [ft/d]
MW08-B	5.08×10^0



Contact Info
Address
Company Name
City, State/Province

Slug Test Analysis Report

Project: Park Laundry

Number: 8006.31.04

Client: URIC

Location: Ridgefield, WA

Slug Test: MW08-C

Test Well: MW08-C

Test Conducted by: EMC

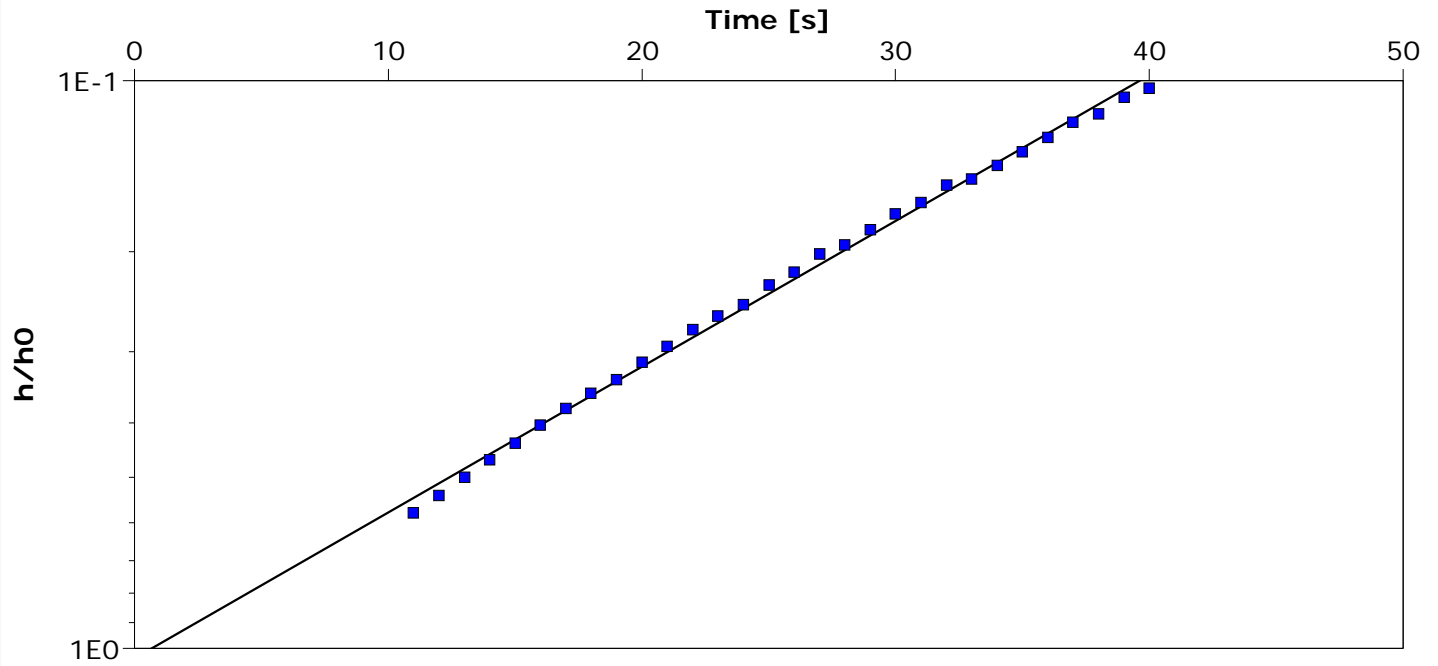
Test Date: 12/8/2014

Analysis Performed by: EMC

Hvorslev

Analysis Date: 2/6/2015

Aquifer Thickness: 45.22 ft



Calculation using Hvorslev

Observation Well	Hydraulic Conductivity [ft/d]
MW08-C	8.89×10^0

Contact Info
Address
Company Name
City, State/Province

Slug Test Analysis Report

Project: Park Laundry

Number: 8006.31.04

Client: URIC

Location: Ridgefield, WA

Slug Test: MW08-C

Test Well: MW08-C

Test Conducted by: EMC

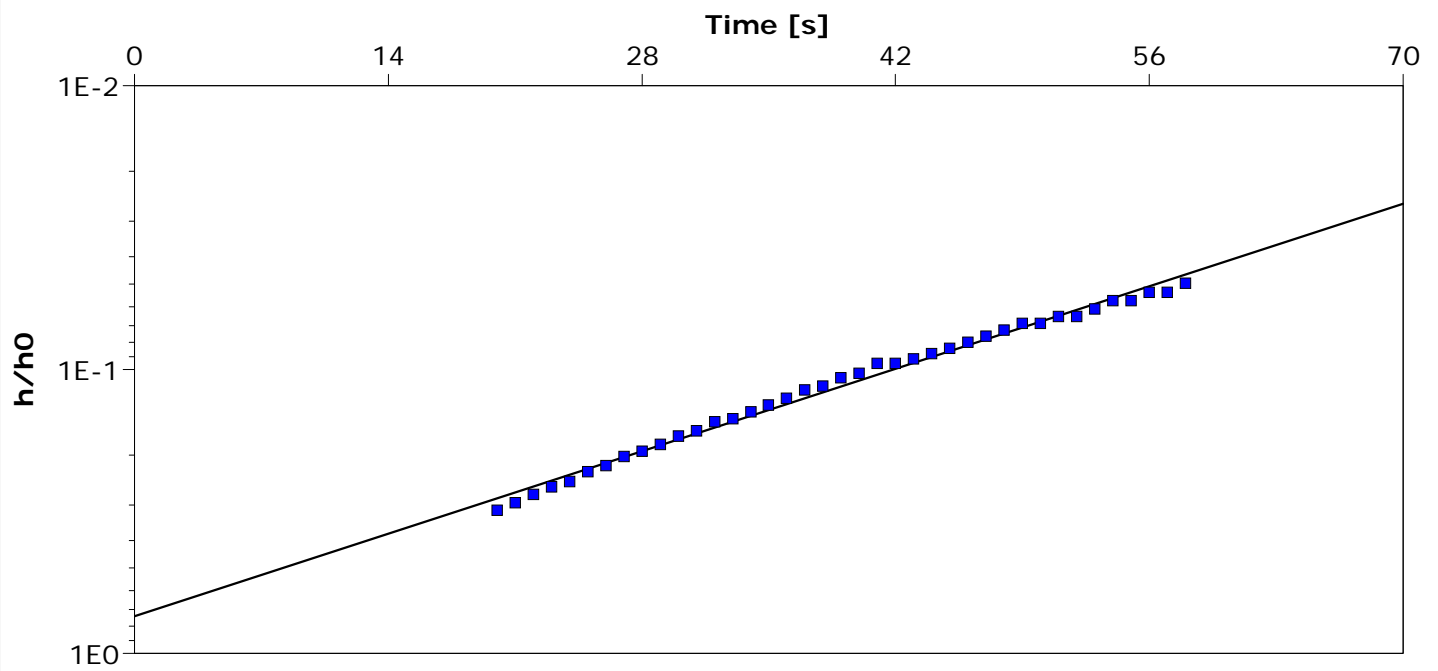
Test Date: 12/8/2014

Analysis Performed by: EMC

Bouwer & Rice

Analysis Date: 1/6/2015

Aquifer Thickness: 45.22 ft



Calculation using Bouwer & Rice

Observation Well	Hydraulic Conductivity [ft/d]
MW08-C	5.55×10^0



Contact Info
Address
Company Name
City, State/Province

Slug Test Analysis Report

Project: Park Laundry

Number: 8006.31.04

Client: URIC

Location: Ridgefield, WA

Slug Test: MW08-D

Test Well: MW08-D

Test Conducted by: EMC

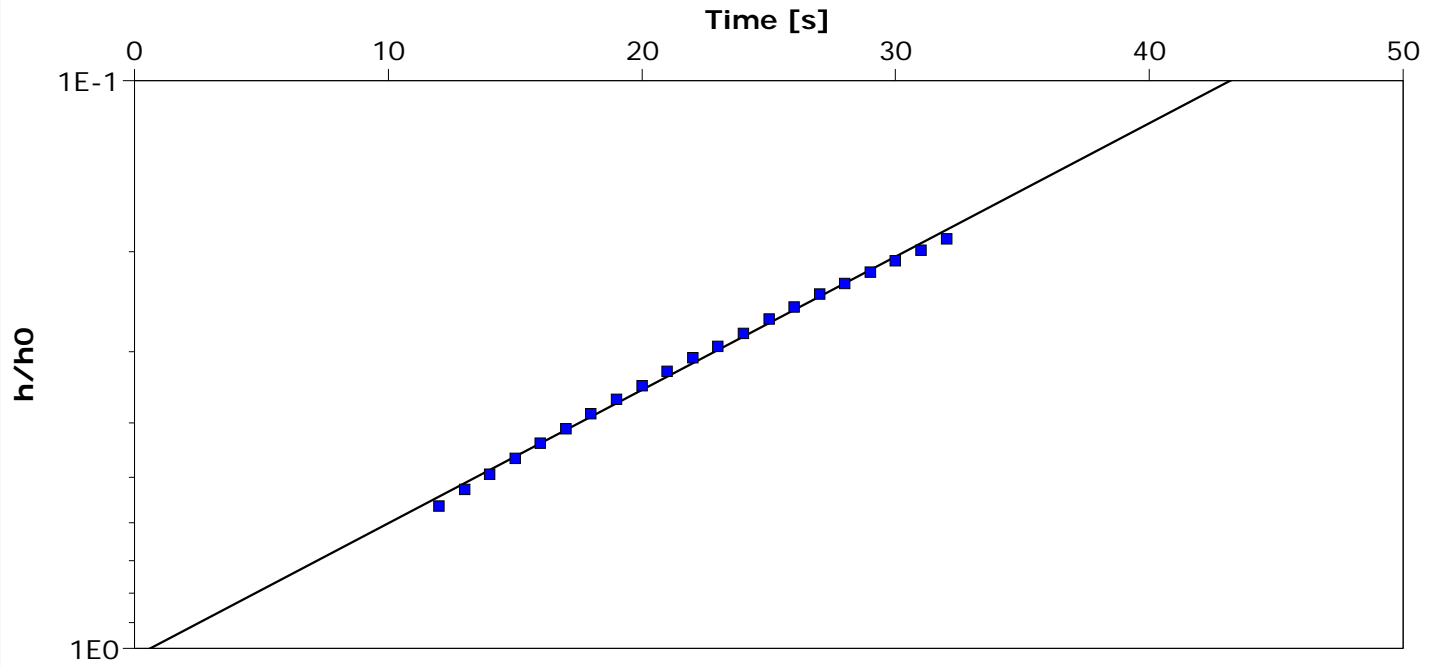
Test Date: 12/8/2014

Analysis Performed by: EMC

Hvorslev

Analysis Date: 2/6/2015

Aquifer Thickness: 45.22 ft



Calculation using Hvorslev

Observation Well	Hydraulic Conductivity [ft/d]
MW08-D	8.13×10^0

Contact Info
Address
Company Name
City, State/Province

Slug Test Analysis Report

Project: Park Laundry

Number: 8006.31.04

Client: URIC

Location: Ridgefield, WA

Slug Test: MW08-D

Test Well: MW08-D

Test Conducted by: EMC

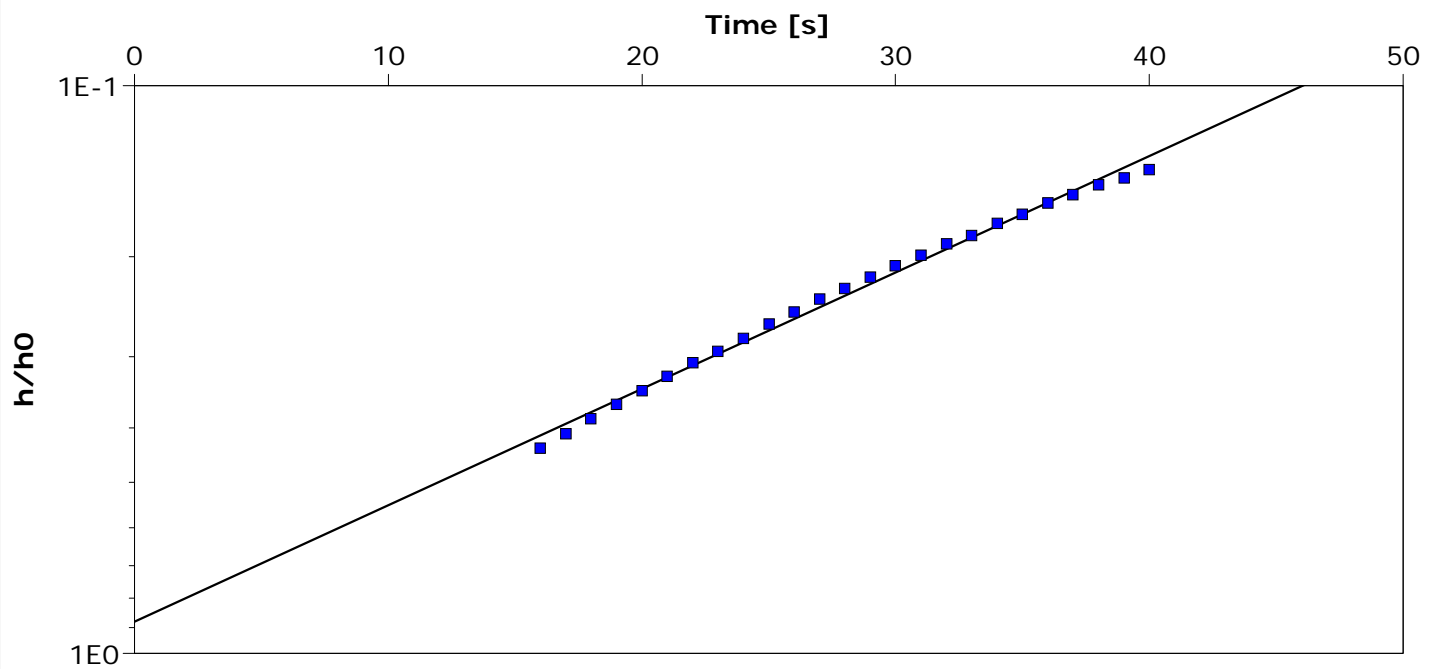
Test Date: 12/8/2014

Analysis Performed by: EMC

Bouwer & Rice

Analysis Date: 1/6/2015

Aquifer Thickness: 45.22 ft

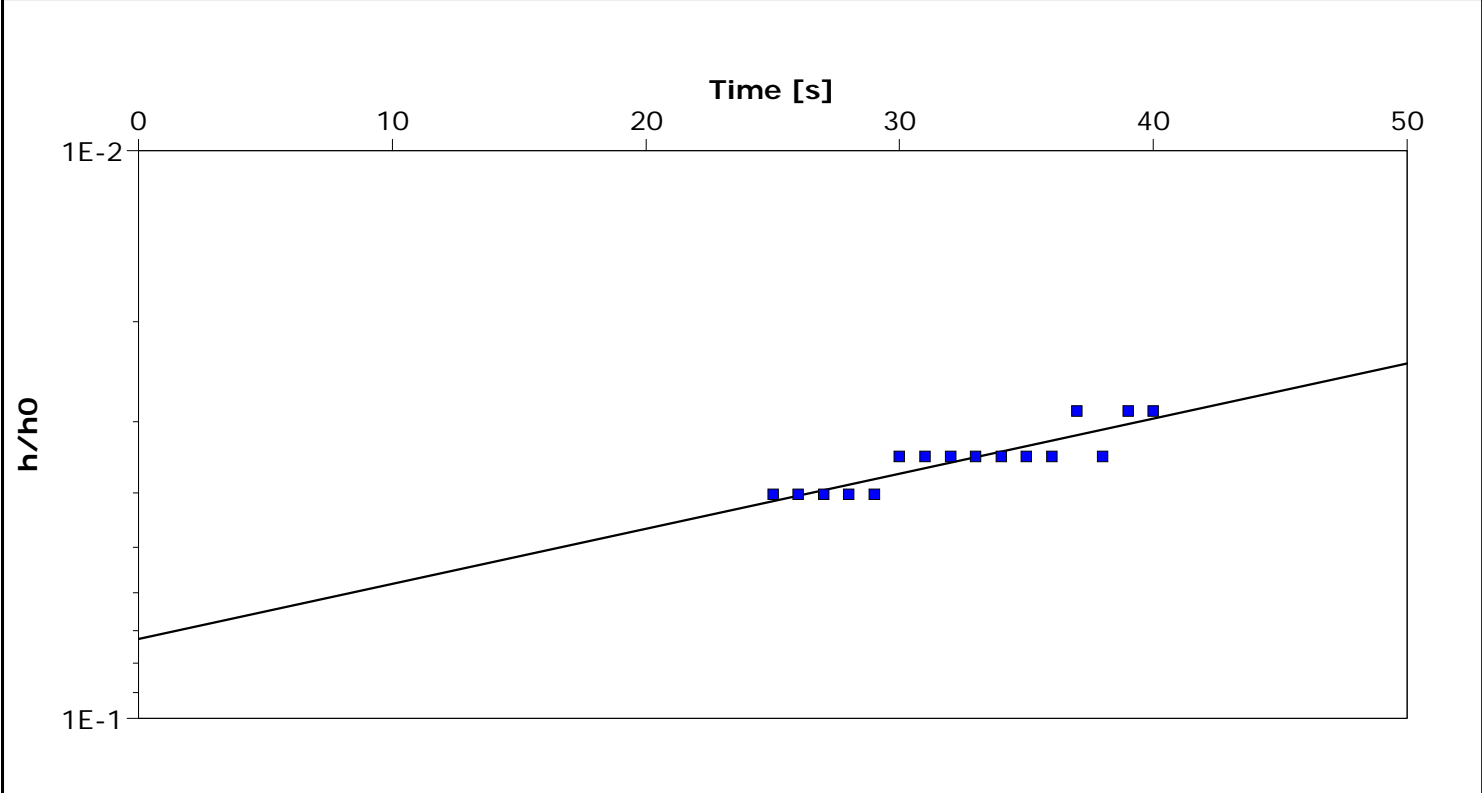


Calculation using Bouwer & Rice

Observation Well	Hydraulic Conductivity [ft/d]
MW08-D	5.49×10^0

Contact Info Address Company Name City, State/Province	Slug Test Analysis Report	
	Project: Park Laundry	
	Number: 8006.31.04	
	Client: URIC	

Location: Ridgefield, WA	Slug Test: MW15-A	Test Well: MW15-A
Test Conducted by: EMC		Test Date: 12/8/2014
Analysis Performed by: EMC	Hvorslev	Analysis Date: 2/17/2015
Aquifer Thickness: 23.76 ft		



Calculation using Hvorslev		
Observation Well	Hydraulic Conductivity [ft/d]	
MW15-A	3.36×10^0	

Contact Info
Address
Company Name
City, State/Province

Slug Test Analysis Report

Project: Park Laundry

Number: 8006.31.04

Client: URIC

Location: Ridgefield, WA

Slug Test: MW15-A

Test Well: MW15-A

Test Conducted by: EMC

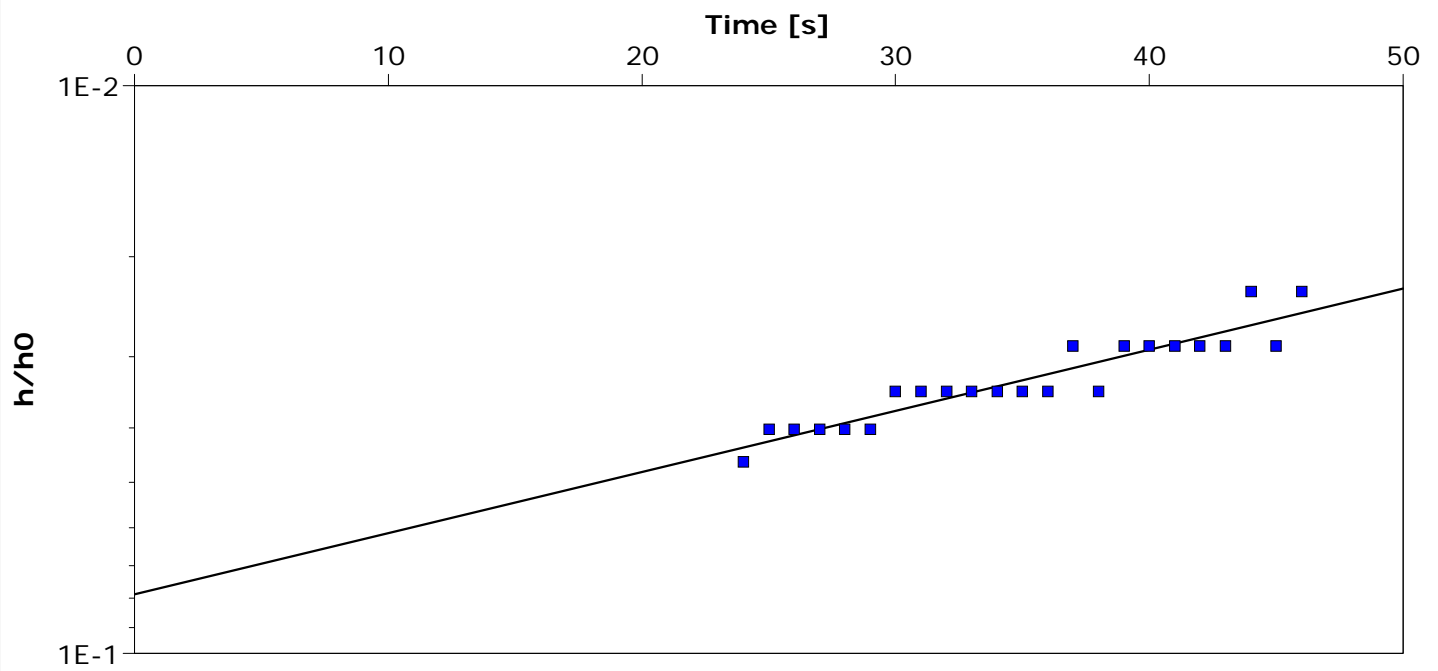
Test Date: 12/8/2014

Analysis Performed by: EMC

Bouwer & Rice


Analysis Date: 1/6/2015

Aquifer Thickness: 23.76 ft

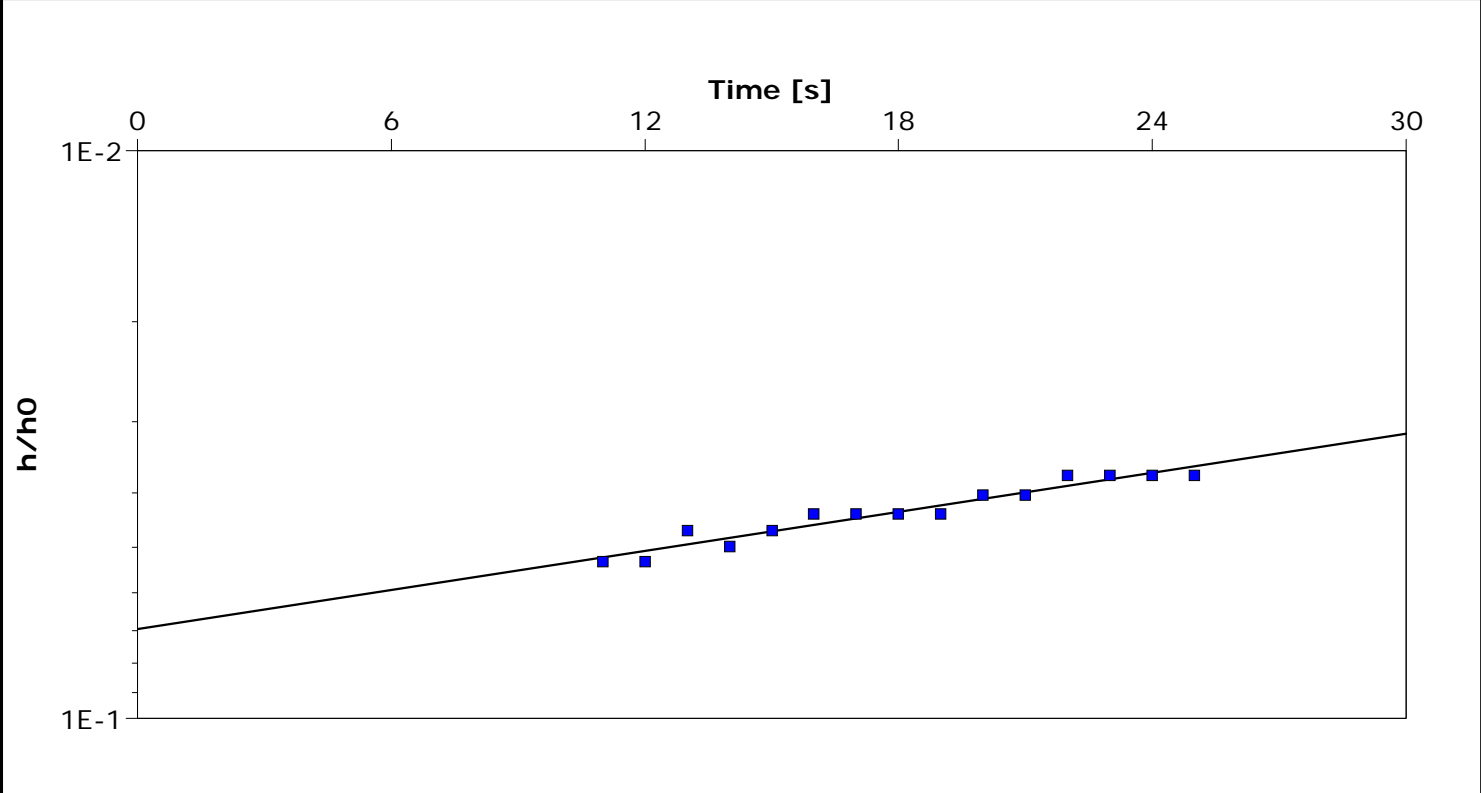


Calculation using Bouwer & Rice

Observation Well	Hydraulic Conductivity [ft/d]
MW15-A	2.88×10^0

 Contact Info Address Company Name City, State/Province	Slug Test Analysis Report	
	Project: Park Laundry	
	Number: 8006.31.04	
	Client: URIC	

Location: Ridgefield, WA	Slug Test: MW15-B	Test Well: MW15-B
Test Conducted by: EMC		Test Date: 12/8/2014
Analysis Performed by: EMC	Hvorslev	Analysis Date: 2/6/2015
Aquifer Thickness: 23.76 ft		



Calculation using Hvorslev		
Observation Well	Hydraulic Conductivity [ft/d]	
MW15-B	3.96×10^0	

Contact Info
Address
Company Name
City, State/Province

Slug Test Analysis Report

Project: Park Laundry

Number: 8006.31.04

Client: URIC

Location: Ridgefield, WA

Slug Test: MW15-B

Test Well: MW15-B

Test Conducted by: EMC

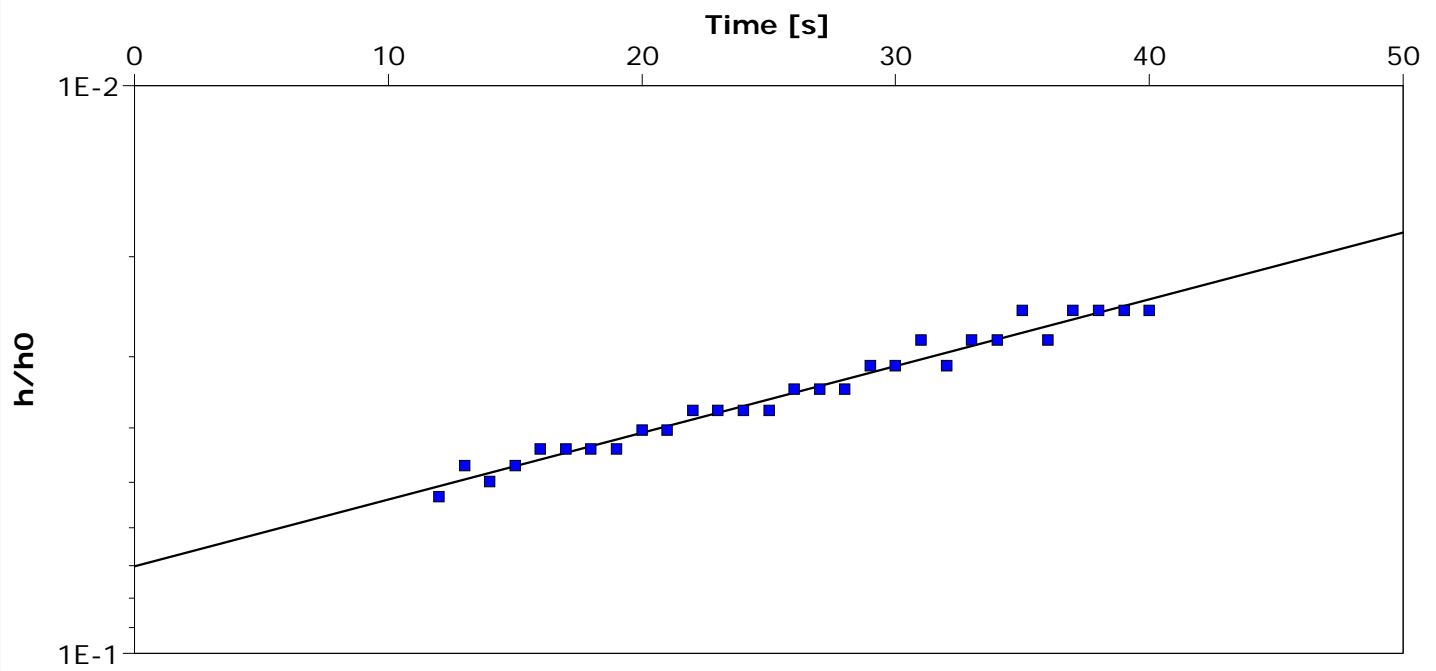
Test Date: 12/8/2014

Analysis Performed by: EMC

Bouwer & Rice

Analysis Date: 1/6/2015

Aquifer Thickness: 23.76 ft



Calculation using Bouwer & Rice

Observation Well	Hydraulic Conductivity [ft/d]
MW15-B	3.15×10^0



Contact Info
Address
Company Name
City, State/Province

Slug Test Analysis Report

Project: Park Laundry

Number: 8006.31.04

Client: URIC

Location: Ridgefield, WA

Slug Test: MW15-C

Test Well: MW15-C

Test Conducted by: EMC

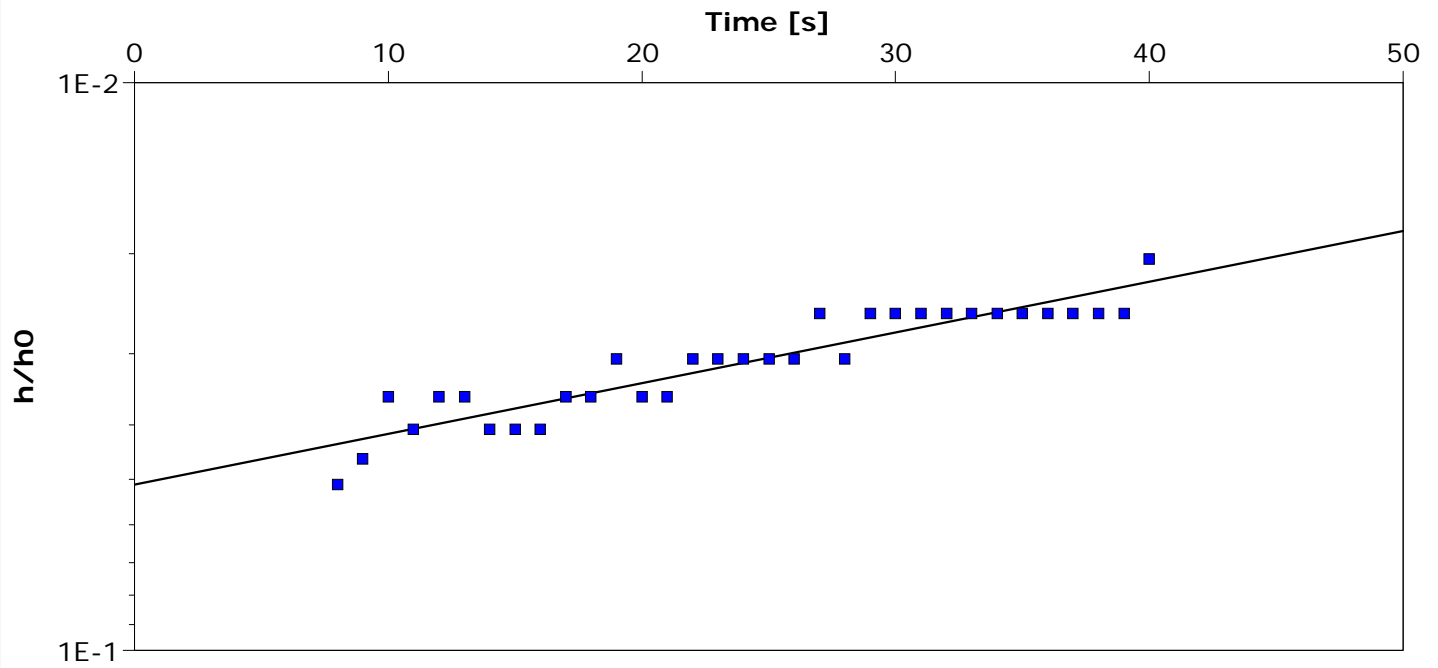
Test Date: 12/8/2014

Analysis Performed by: EMC

Hvorslev

Analysis Date: 2/6/2015

Aquifer Thickness: 23.76 ft



Calculation using Hvorslev

Observation Well	Hydraulic Conductivity [ft/d]
MW15-C	3.09×10^0

Contact Info
Address
Company Name
City, State/Province

Slug Test Analysis Report

Project: Park Laundry

Number: 8006.31.04

Client: URIC

Location: Ridgefield, WA

Slug Test: MW15-C

Test Well: MW15-C

Test Conducted by: EMC

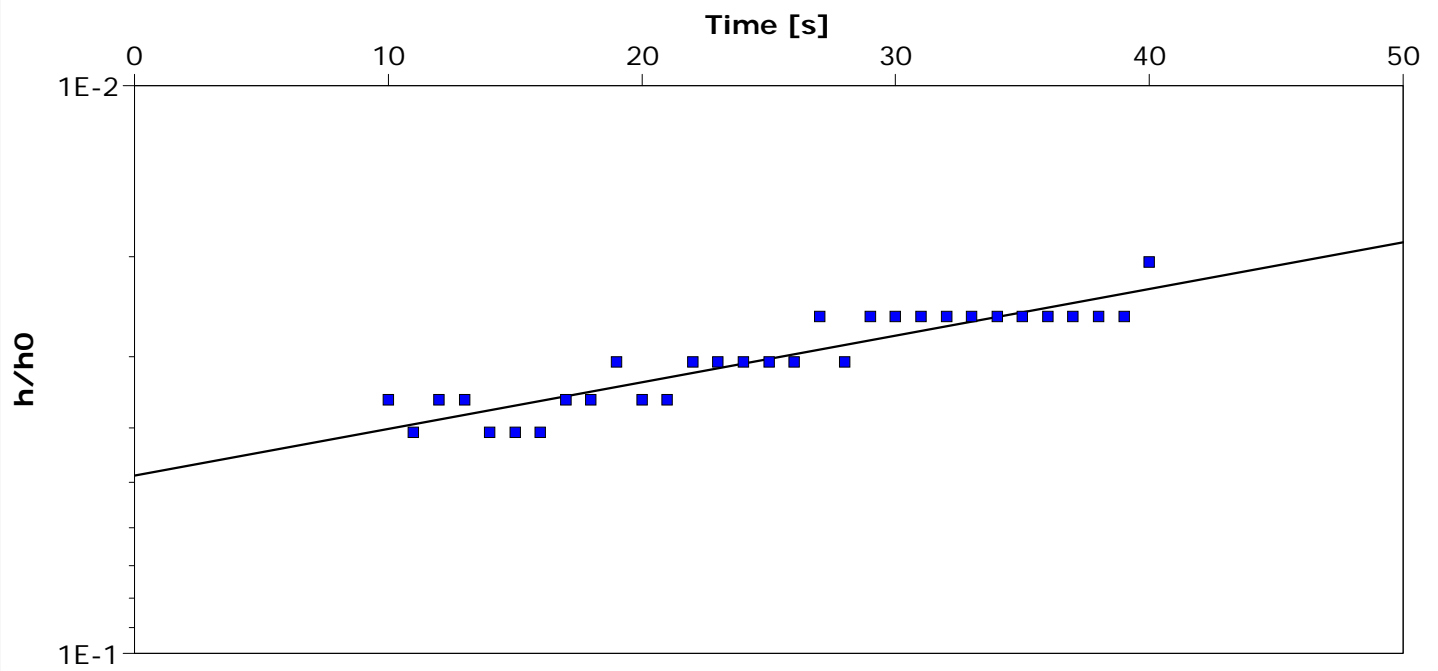
Test Date: 12/8/2014

Analysis Performed by: EMC

Bouwer & Rice


Analysis Date: 1/6/2015

Aquifer Thickness: 23.76 ft

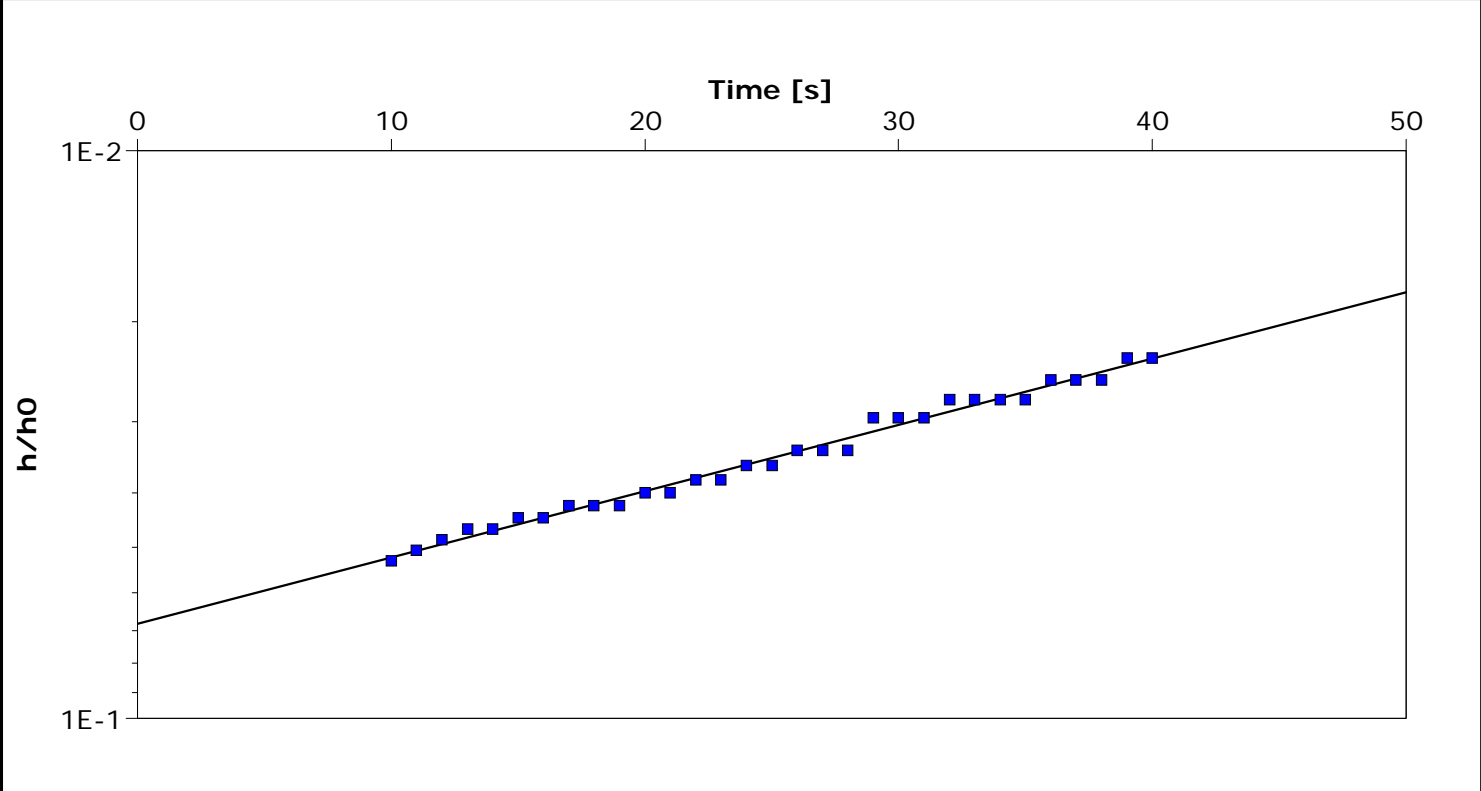


Calculation using Bouwer & Rice

Observation Well	Hydraulic Conductivity [ft/d]
MW15-C	2.20×10^0

 Contact Info Address Company Name City, State/Province	Slug Test Analysis Report	
	Project: Park Laundry	
	Number: 8006.31.04	
	Client: URIC	

Location: Ridgefield, WA	Slug Test: MW15-D	Test Well: MW15-D
Test Conducted by: EMC		Test Date: 12/8/2014
Analysis Performed by: EMC	Hvorslev	Analysis Date: 2/6/2015
Aquifer Thickness: 23.76 ft		



Calculation using Hvorslev		
Observation Well	Hydraulic Conductivity	
	[ft/d]	
MW15-D	4.05×10^0	

Contact Info
Address
Company Name
City, State/Province

Slug Test Analysis Report

Project: Park Laundry

Number: 8006.31.04

Client: URIC

Location: Ridgefield, WA

Slug Test: MW15-D

Test Well: MW15-D

Test Conducted by: EMC

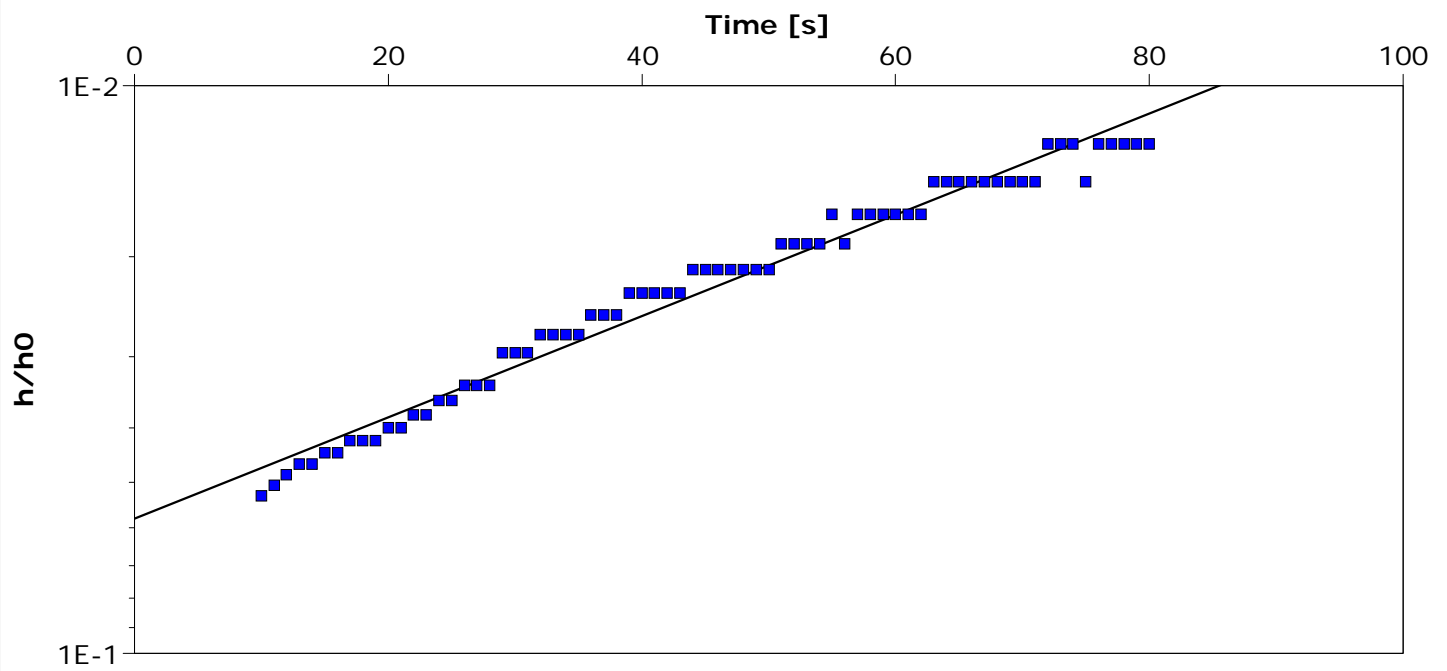
Test Date: 12/8/2014

Analysis Performed by: EMC

Bouwer & Rice

Analysis Date: 1/6/2015

Aquifer Thickness: 23.76 ft



Calculation using Bouwer & Rice

Observation Well	Hydraulic Conductivity [ft/d]
MW15-D	2.38×10^0

Contact Info
Address
Company Name
City, State/Province

Slug Test Analysis Report

Project: Park Laundry

Number: 8006.31.04

Client: URIC

Location: Ridgefield, WA

Slug Test: MW16-A

Test Well: MW16-A

Test Conducted by: EMC

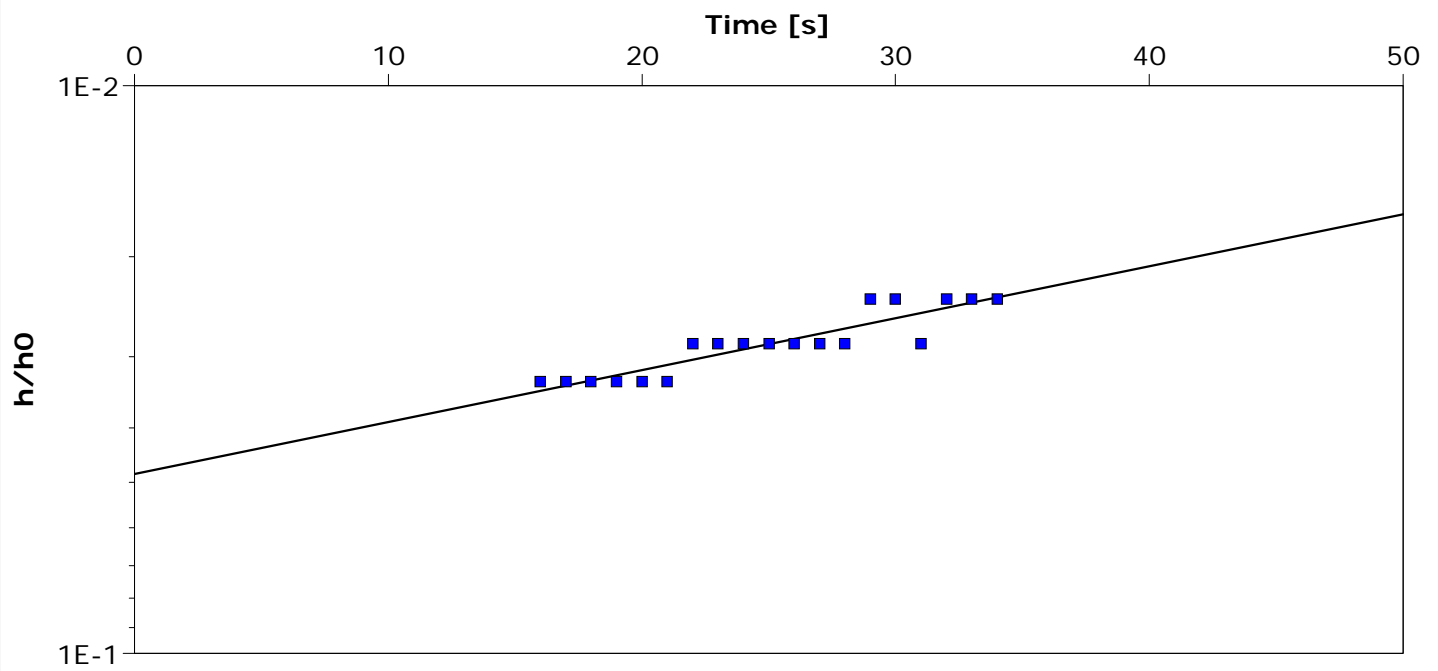
Test Date: 12/8/2014

Analysis Performed by: EMC

Hvorslev

Analysis Date: 2/6/2015

Aquifer Thickness: 24.79 ft

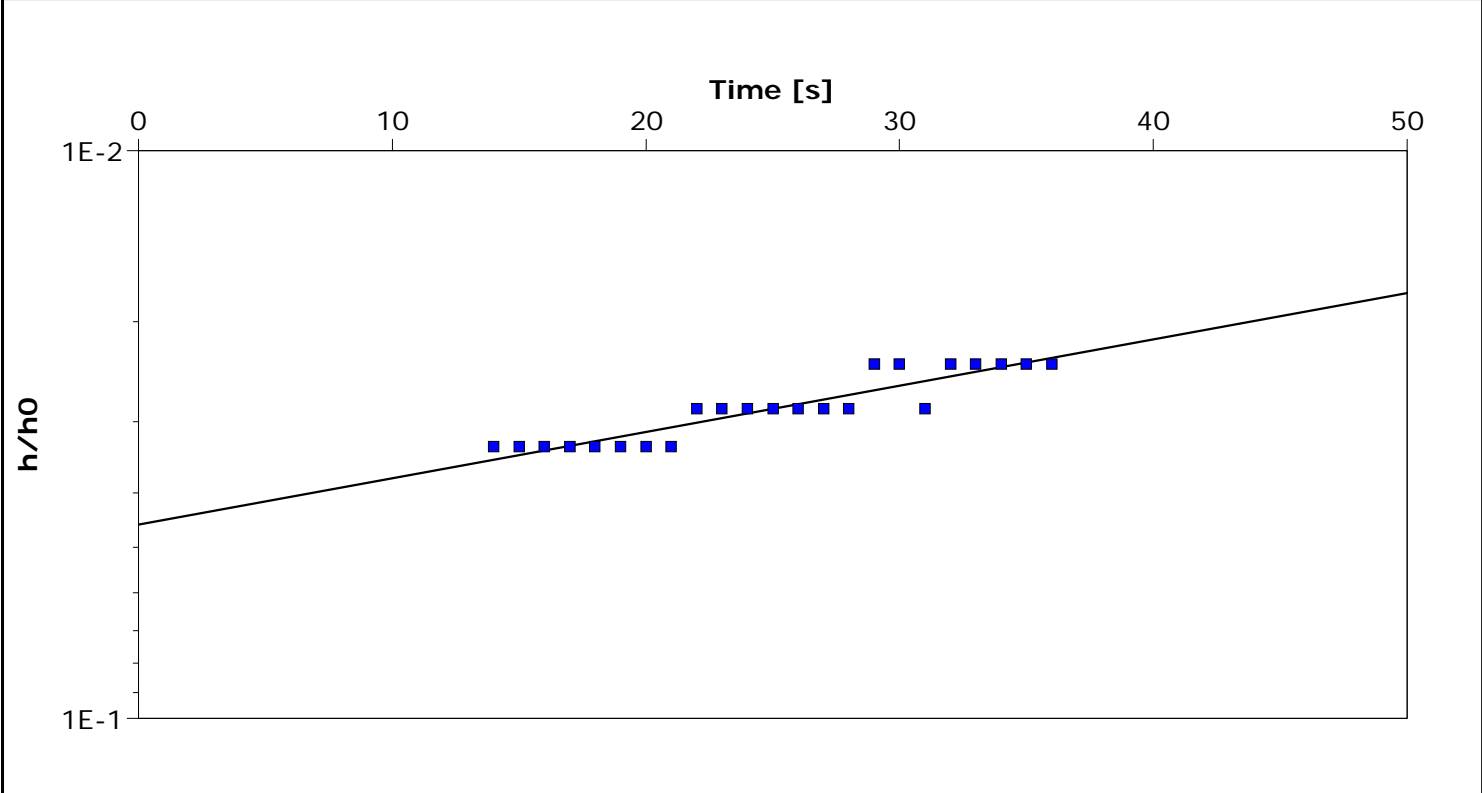


Calculation using Hvorslev

Observation Well	Hydraulic Conductivity [ft/d]
MW16-A	3.16×10^0

Contact Info Address Company Name City, State/Province	Slug Test Analysis Report	
	Project: Park Laundry	
	Number: 8006.31.04	
	Client: URIC	

Location: Ridgefield, WA	Slug Test: MW16-A	Test Well: MW16-A
Test Conducted by: EMC		Test Date: 12/8/2014
Analysis Performed by: EMC	Bouwer & Rice	Analysis Date: 1/6/2015
Aquifer Thickness: 24.79 ft		



Calculation using Bouwer & Rice		
Observation Well	Hydraulic Conductivity [ft/d]	
MW16-A	2.18×10^0	



Contact Info
Address
Company Name
City, State/Province

Slug Test Analysis Report

Project: Park Laundry

Number: 8006.31.04

Client: URIC

Location: Ridgefield, WA

Slug Test: MW16-B

Test Well: MW16-B

Test Conducted by: EMC

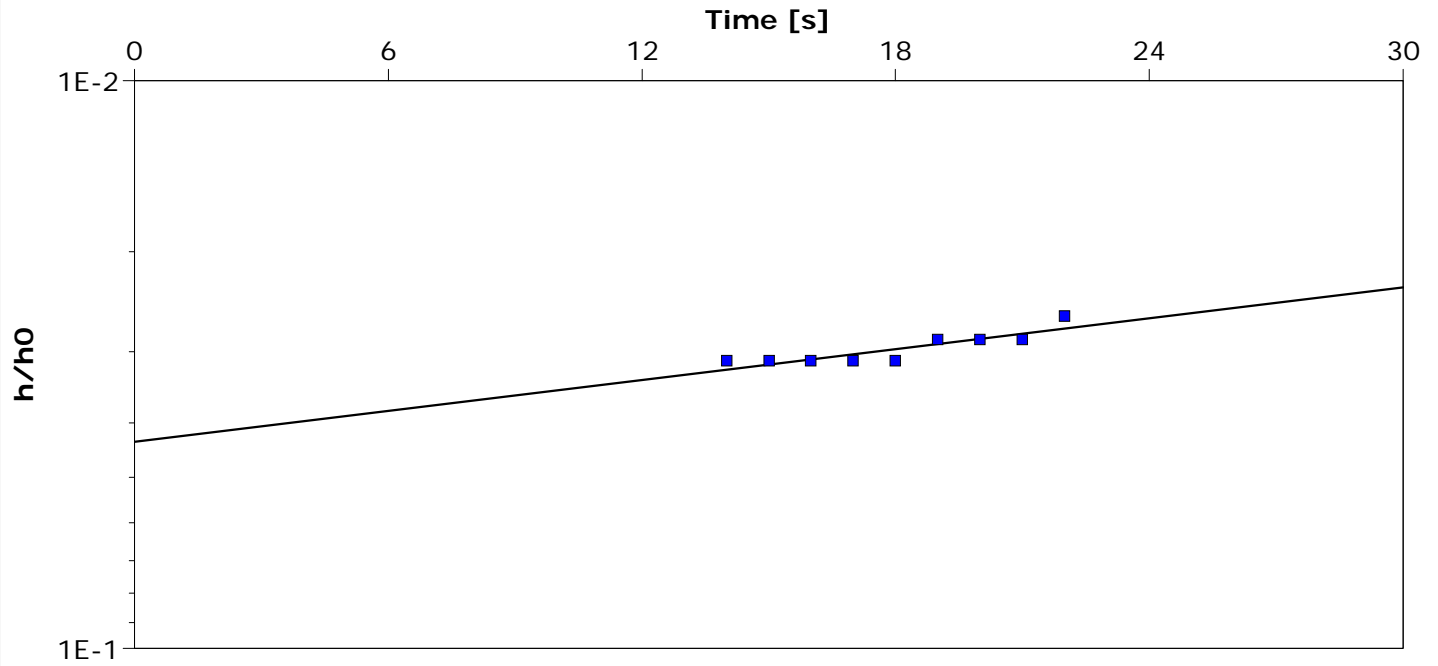
Test Date: 12/8/2014

Analysis Performed by: EMC

Hvorslev

Analysis Date: 2/6/2015

Aquifer Thickness: 24.79 ft



Calculation using Hvorslev

Observation Well	Hydraulic Conductivity [ft/d]
MW16-B	3.14×10^0

Contact Info
Address
Company Name
City, State/Province

Slug Test Analysis Report

Project: Park Laundry

Number: 8006.31.04

Client: URIC

Location: Ridgefield, WA

Slug Test: MW16-B

Test Well: MW16-B

Test Conducted by: EMC

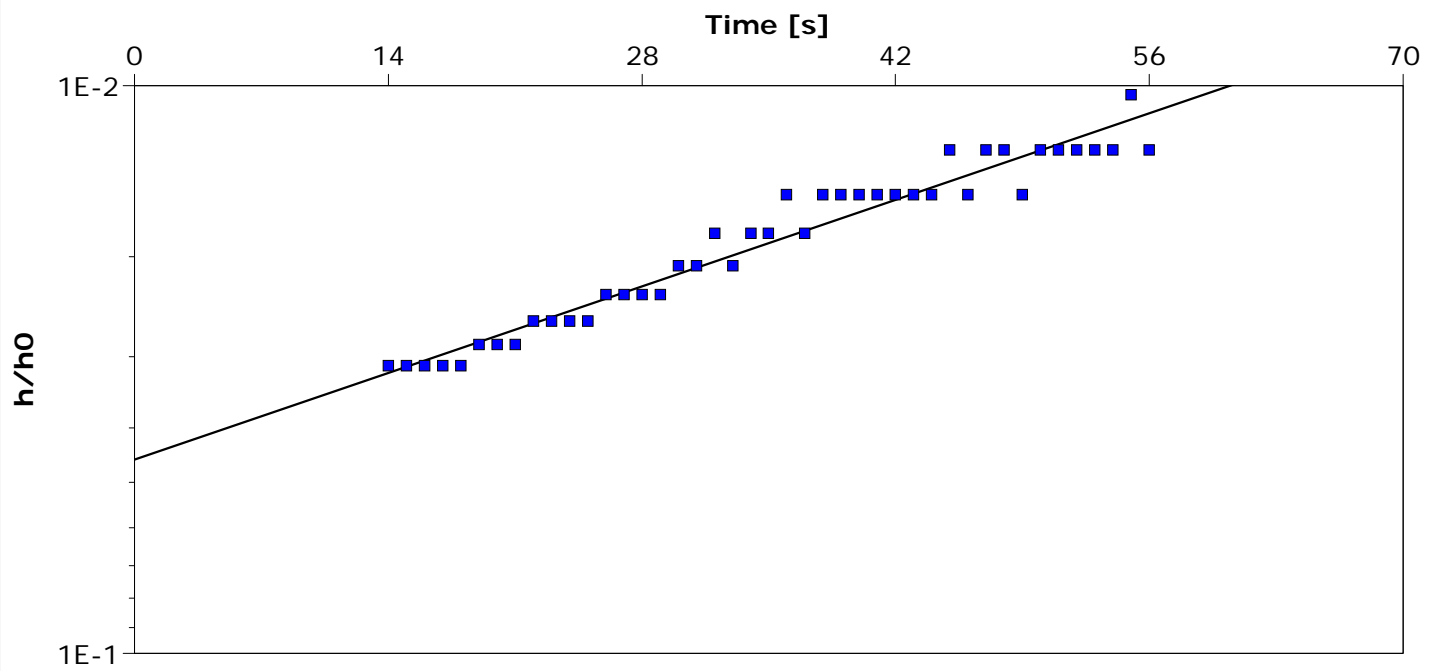
Test Date: 12/8/2014

Analysis Performed by: EMC

Bouwer & Rice


Analysis Date: 1/6/2015

Aquifer Thickness: 24.79 ft

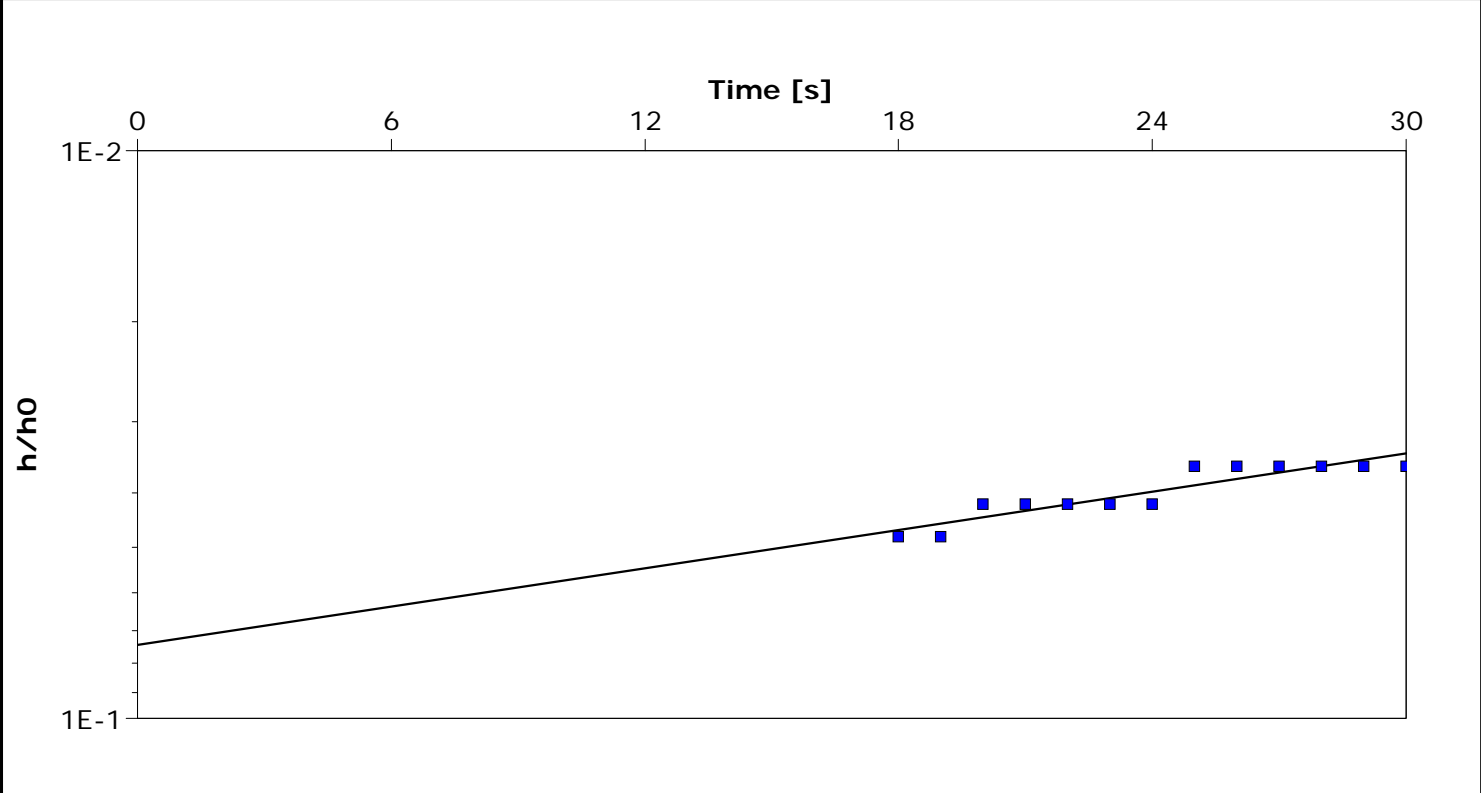


Calculation using Bouwer & Rice

Observation Well	Hydraulic Conductivity [ft/d]
MW16-B	2.91×10^0

 Contact Info Address Company Name City, State/Province	Slug Test Analysis Report	
	Project: Park Laundry	
	Number: 8006.31.04	
	Client: URIC	

Location: Ridgefield, WA	Slug Test: MW16-C	Test Well: MW16-C
Test Conducted by: EMC		Test Date: 12/8/2014
Analysis Performed by: EMC	Hvorslev	Analysis Date: 2/6/2015
Aquifer Thickness: 24.79 ft		



Calculation using Hvorslev		
Observation Well	Hydraulic Conductivity [ft/d]	
MW16-C	3.89×10^0	

Contact Info
Address
Company Name
City, State/Province

Slug Test Analysis Report

Project: Park Laundry

Number: 8006.31.04

Client: URIC

Location: Ridgefield, WA

Slug Test: MW16-C

Test Well: MW16-C

Test Conducted by: EMC

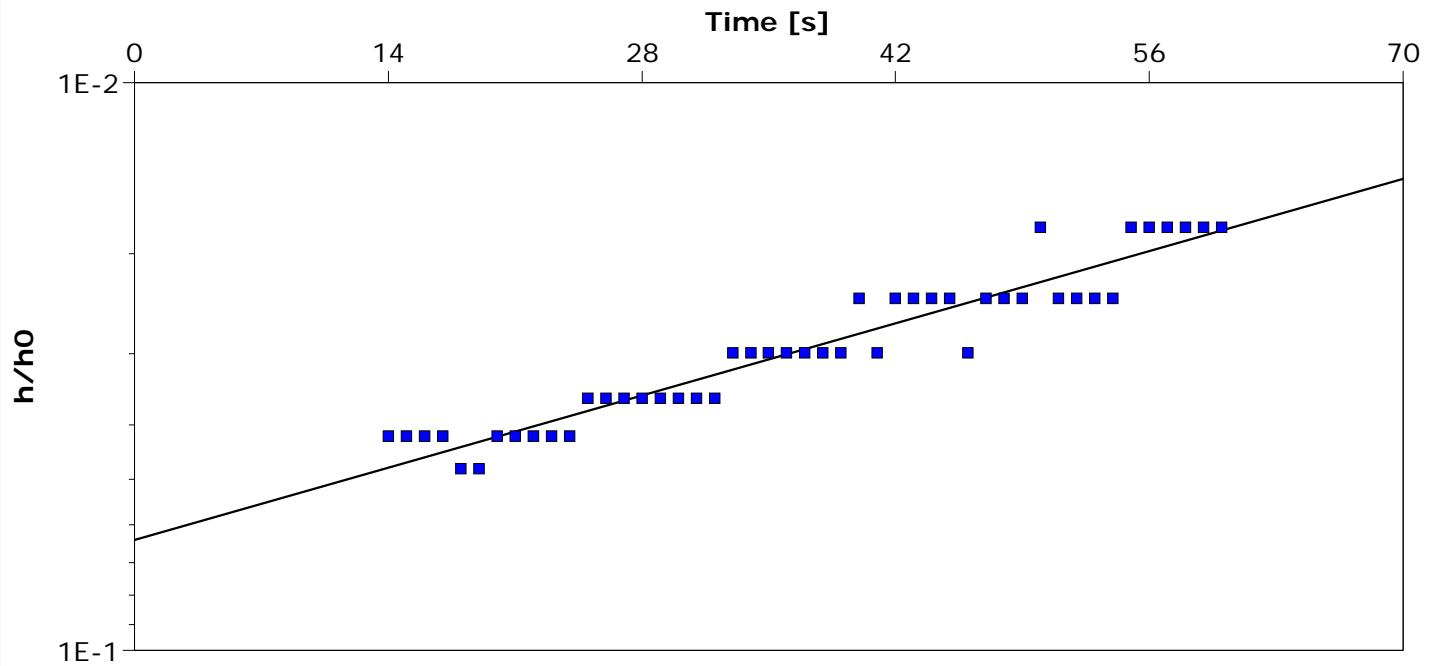
Test Date: 12/8/2014

Analysis Performed by: EMC

Bouwer & Rice

Analysis Date: 1/6/2015

Aquifer Thickness: 24.79 ft



Calculation using Bouwer & Rice

Observation Well	Hydraulic Conductivity [ft/d]
MW16-C	2.43×10^0

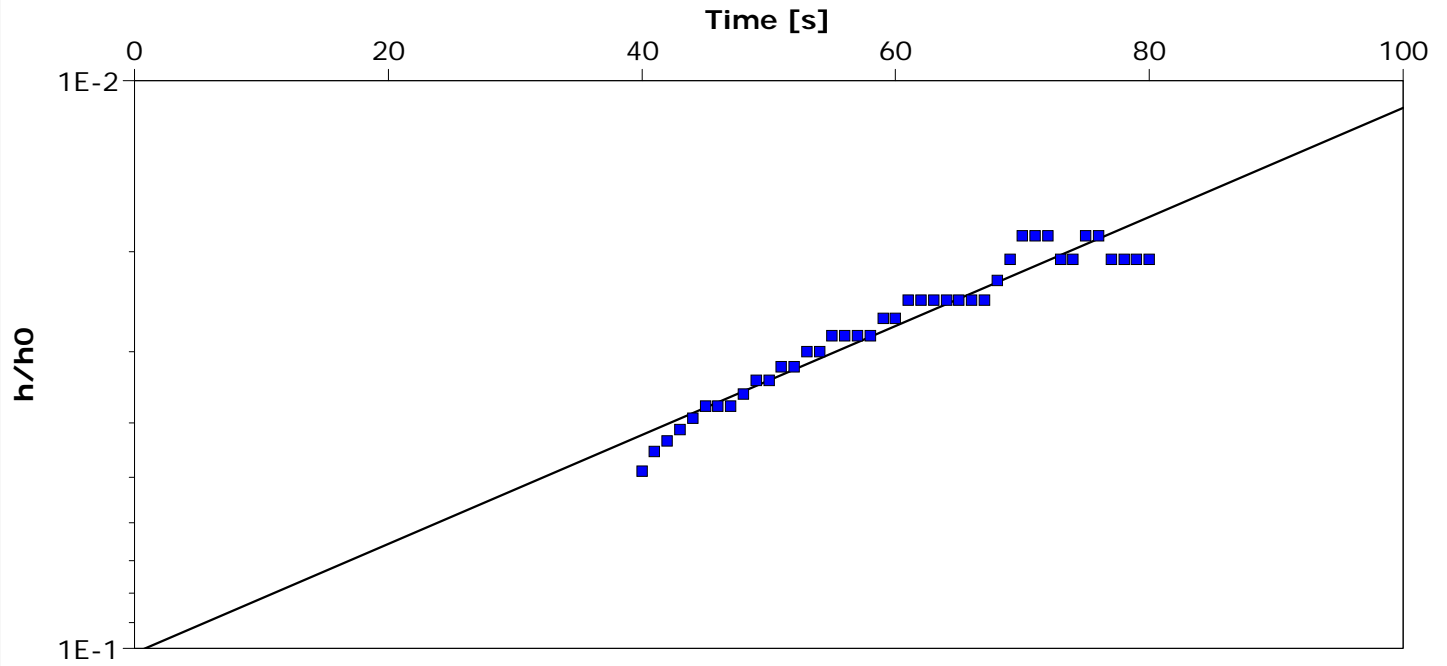


Contact Info
Address
Company Name
City, State/Province

Slug Test Analysis Report

Project: Park Laundry
 Number: 8006.31.04
 Client: URIC

Location: Ridgefield, WA	Slug Test: MW16-D	Test Well: MW16-D
Test Conducted by: EMC		Test Date: 12/8/2014
Analysis Performed by: EMC	Hvorslev	Analysis Date: 2/6/2015
Aquifer Thickness: 24.79 ft		

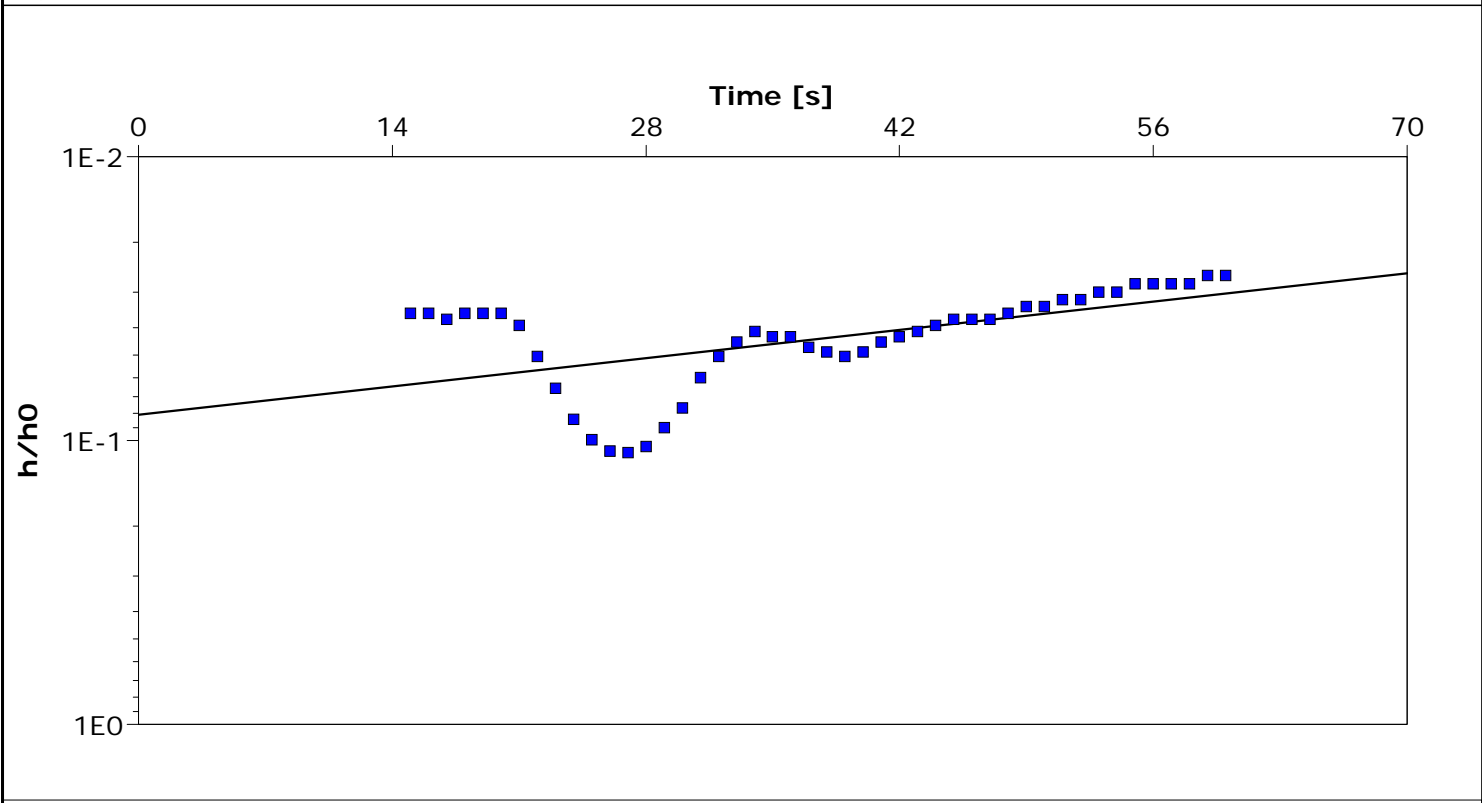


Calculation using Hvorslev

Observation Well	Hydraulic Conductivity [ft/d]
MW16-D	3.32×10^0

Contact Info Address Company Name City, State/Province	Slug Test Analysis Report	
	Project: Park Laundry	
	Number: 8006.31.04	
	Client: URIC	

Location: Ridgefield, WA	Slug Test: MW16-D	Test Well: MW16-D
Test Conducted by: EMC		Test Date: 12/8/2014
Analysis Performed by: EMC	Bouwer & Rice	Analysis Date: 1/6/2015
Aquifer Thickness: 24.79 ft		



Calculation using Bouwer & Rice		
Observation Well	Hydraulic Conductivity [ft/d]	
MW16-D	1.91×10^0	



Contact Info
Address
Company Name
City, State/Province

Slug Test Analysis Report

Project: Park Laundry

Number: 8006.31.04

Client: URIC

Location: Ridgefield, WA

Slug Test: MW16-E

Test Well: MW16-E

Test Conducted by:

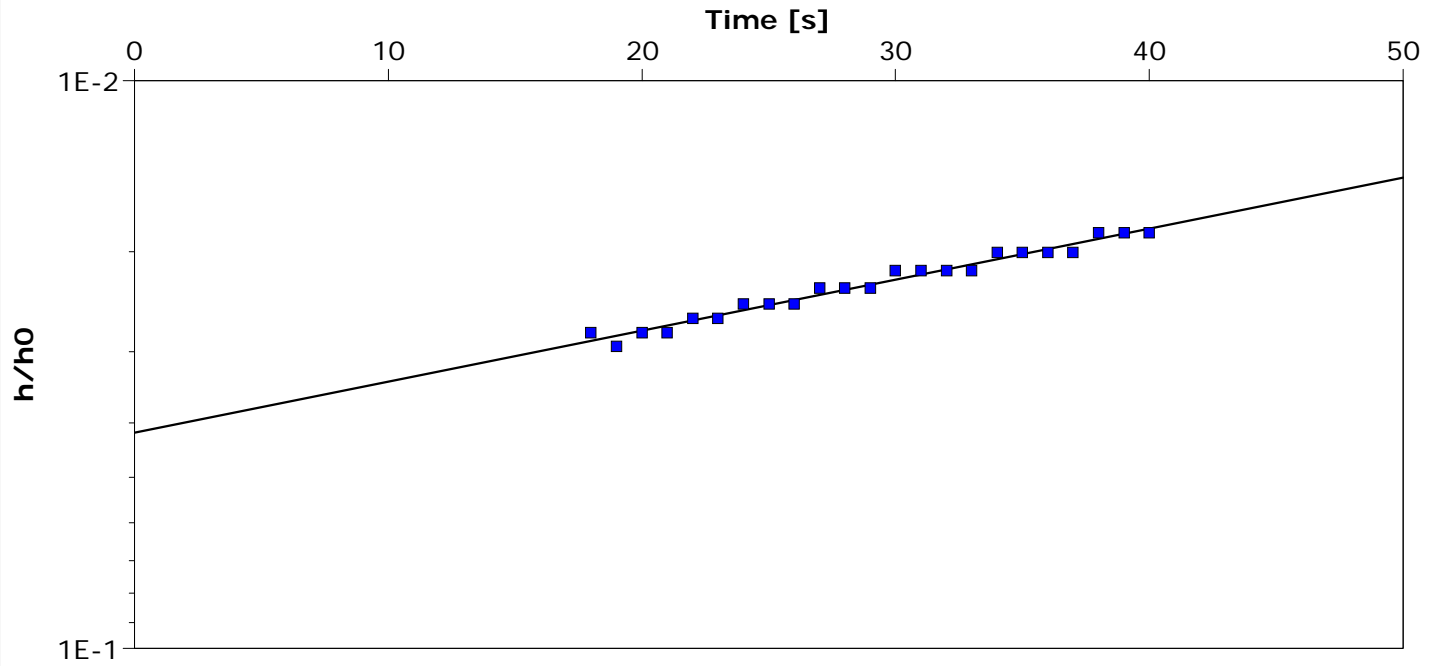
Test Date: 12/8/2014

Analysis Performed by: EMC

Hvorslev

Analysis Date: 2/6/2015

Aquifer Thickness: 24.79 ft



Calculation using Hvorslev

Observation Well	Hydraulic Conductivity [ft/d]
MW16-E	3.11×10^0

Contact Info
Address
Company Name
City, State/Province

Slug Test Analysis Report

Project: Park Laundry

Number: 8006.31.04

Client: URIC

Location: Ridgefield, WA

Slug Test: MW16-E

Test Well: MW16-E

Test Conducted by: EMC

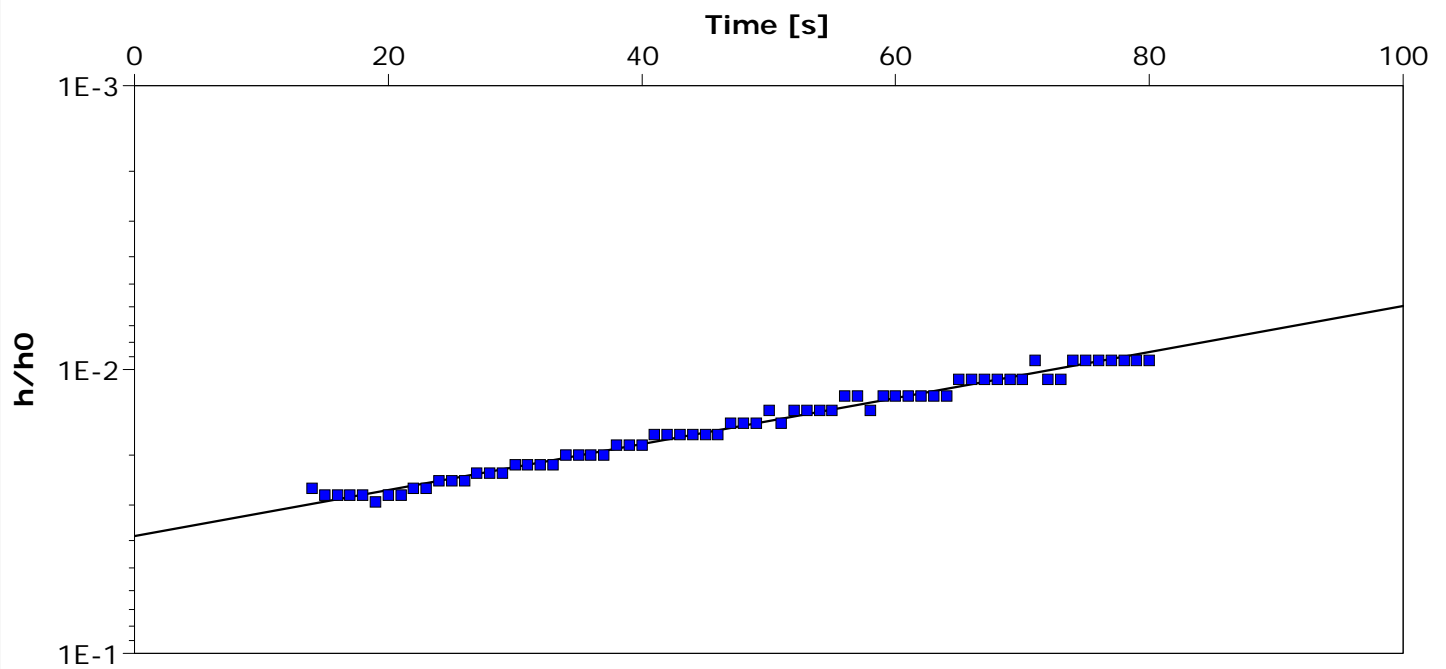
Test Date: 12/8/2014

Analysis Performed by: EMC

Bouwer & Rice

Analysis Date: 1/6/2015

Aquifer Thickness: 24.79 ft



Calculation using Bouwer & Rice

Observation Well	Hydraulic Conductivity [ft/d]
MW16-E	2.16×10^0

APPENDIX G

VAPOR ASSESSMENT REPORT

ATTACHMENT 1:
INDOOR INTRUSION SAMPLING CRITERIA

ATTACHMENT 2:
STANDARD OPERATING PROCEDURE SUBSLAB SOIL GAS SAMPLING

ATTACHMENT 3:
STANDARD OPERATING PROCEDURE SOIL GAS SAMPLING



VAPOR INTRUSION EXPOSURE ASSESSMENT REPORT

FORMER PARK LAUNDRY SITE



MAUL
FOSTER
ALONGI

Prepared for
UNION RIDGE INVESTMENT COMPANY
RIDGEFIELD, WASHINGTON
September 24, 2013
Project No. 8006.31.03

Prepared by
Maul Foster & Alongi, Inc.
2001 NW 19th Avenue, Suite 200, Portland OR 97209

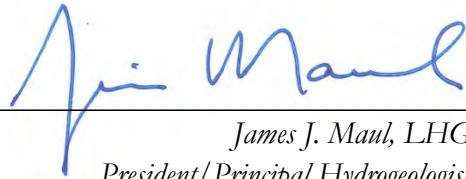
VAPOR INTRUSION EXPOSURE ASSESSMENT REPORT
FORMER PARK LAUNDRY SITE

*The material and data in this report were prepared
under the supervision and direction of the undersigned.*

MAUL FOSTER & ALONGI, INC.



*Bill Beadie, CIH
Principal Industrial Hygienist*



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President/Principal Hydrogeologist*

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FOLLOWING REPORT:

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4	AIR RESULTS
5	SOIL GAS RESULTS

FIGURES

1	VAPOR INTRUSION STUDY AREA
2	SOIL GAS, OUTDOOR AIR, AND GROUNDWATER SAMPLING LOCATIONS

ACRONYMS AND ABBREVIATIONS

CSM	conceptual site model
DCA	dichloroethane
DCE	dichloroethene
DOH	Washington State Department of Health
E&E	Ecology and Environment, Inc.
Ecology	Washington State Department of Ecology
GC/MS	gas chromatograph/mass spectrometer
MFA	Maul Foster & Alongi, Inc.
$\mu\text{g}/\text{m}^3$	micrograms per cubic meter
PCE	tetrachloroethene
Property	122 N. Main Avenue, Ridgefield, Washington
RI	remedial investigation
Sampling Plan	air sampling work plan
TCE	trichloroethene
URIC	Union Ridge Investment Company
VOC	volatile organic compound

SUMMARY

Maul Foster & Alongi, Inc. has prepared this report to summarize the vapor intrusion exposure assessment conducted for the former Park Laundry site in Ridgefield, Washington (the site). Work was coordinated with the Washington State Department of Ecology with input from the Washington State Department of Health.

Buildings on the site were prioritized for sampling, based on identified risk factors for vapor intrusion, such as proximity to groundwater with the highest concentrations of chlorinated solvents, type of building construction, and the identification of preferential exposure pathways. The exposure assessment included sampling in and around approximately ten of the highest-priority buildings in November 2012 and again in July 2013.

Despite the identification of risk factors, the evaluation failed to identify vapor intrusion into any of the buildings on the site. This supports the conclusion that there is currently no indoor air exposure resulting from vapor intrusion on the site. The potential for future exposure on the properties on the site should be considered in the human health risk assessment necessary for completion of the remedial investigation.

1 INTRODUCTION

Maul Foster & Alongi, Inc. (MFA) has prepared this report on behalf of Union Ridge Investment Company (URIC) for the former Park Laundry site in Ridgefield, Washington (the site). Park Laundry was previously located at 122 N. Main Avenue (the Property). A remedial investigation (RI) is being performed pursuant to Agreed Order No. DE 6829 (Washington State Department of Ecology [Ecology], 2009a). The first phases of the RI indicated that volatile organic compounds (VOCs) are present in soil and groundwater on the Property and on neighboring properties. The Property historically was used by Park Laundry, which may have performed dry cleaning operations that resulted in the release of tetrachloroethene (PCE). In a letter dated July 30, 2012, Ecology ordered URIC to develop a plan for approval by Ecology and conduct sampling to assess the potential for vapor intrusion on the site (Ecology, 2012a).

MFA worked with Ecology and the Washington State Department of Health (DOH), to develop an Ecology-approved sampling plan (Sampling Plan) (MFA, 2012b) as part of an overall vapor intrusion assessment strategy consistent with Ecology's draft vapor intrusion guidance (Ecology, 2009b). MFA also provided a supplementary document to clarify the criteria used to select sampling locations at each property (MFA, 2012c). Ecology approved the Sampling Plan and MFA conducted assessment and sampling activities from November 12 through 17, 2012, and again from July 29 through July 31, 2013.

MFA provided Ecology with a data submittal after each of the vapor intrusion sampling events (MFA, 2013a,b). This report summarizes both sampling events and provides conclusions and recommendations based on the exposure assessment results, taking into consideration the groundwater monitoring data, historical soil gas data, and vapor intrusion modeling results.

2 EXPOSURE ASSESSMENT SCOPE AND METHODOLOGY

As recommended in Ecology's draft vapor intrusion guidance (Ecology, 2009b), the vapor intrusion exposure assessment was conducted using a tiered approach, consisting of a preliminary assessment, a Tier I assessment, and a Tier II assessment.

2.1 Preliminary Assessment

The goal of the preliminary assessment was to determine the potential for vapor intrusion on a site. Previous site investigations have identified VOC impacts in the soil and groundwater near occupied buildings, which provided the justification for continuing with a Tier I assessment (Clark County Health, 2006; E&E, 2008; Hahn, 2006; MFA, 2001).

2.2 Tier I Assessment

The Tier I assessment included collecting data to define the nature and extent of contamination in the subsurface and developing preliminary conceptual site models (CSMs) for each building on or within 100 feet of the groundwater plume to identify locations with the greatest potential for vapor intrusion.

2.2.1 Subsurface Characterization

MFA installed groundwater monitoring wells and collected soil samples to characterize the nature and extent of contamination on the site. The results indicated a shallow source of chlorinated VOCs below several properties on the site. MFA and Ecology defined a vapor intrusion study area provided in Figure 1, which generally represents properties above, or within 100 feet of the groundwater plume boundary. The detailed results of the subsurface characterization have been provided in a series of documents previously submitted to Ecology, e.g., Data Submittal for March 2012 Investigation at Former Park Laundry Property (MFA, 2012a).

2.2.2 Preliminary Conceptual Site Model and Sampling Plan Development

MFA developed preliminary CSMs based on information from written building surveys issued to occupants by Ecology and information gathered from a site walk. The purpose of the CSMs was to identify possible exposure pathways and prioritize buildings for sampling based on the potential for vapor intrusion. MFA compiled the information collected from the building surveys and site walk, and then coordinated with Ecology to develop the Sampling Plan with input from DOH. The buildings included in the Sampling Plan were considered to have the highest potential for vapor intrusion on the site, based on factors such as proximity to the groundwater plume, building construction type, and identification of exposure pathways, such as foundation cracks and utility penetrations. Three vacant properties were also included in the Sampling Plan to assess the probability that indoor air could be impacted should a building be constructed in the future.

2.3 Tier II Assessment—Vapor Intrusion Sampling

2.3.1 Sampling Scope and Methodology—November, 2012

Samples were collected in stainless steel Summa canisters and analyzed for PCE and associated breakdown products (trichloroethene [TCE]; 1,1-dichloroethene [1,1-DCE]; cis-1,2-DCE; trans-1,2-DCE; 1,1-dichloroethane [1,1-DCA]; 1,2-DCA; chloroethane; and vinyl chloride) by Modified U.S. Environmental Protection Agency Method TO-15 selected ion monitoring. Analytical data has consistently shown that the only hazardous substance associated with the site is PCE and there is no indication of the presence of associated breakdown products from any of the media analyzed, i.e., groundwater, soil gas, or soil.

Forty-eight samples were collected and analyzed during the 2012 mobilization:

- Twenty-one indoor air samples
- Three crawlspace air samples
- Seven soil gas samples
- Eleven subslab soil gas samples
- Six outdoor background air samples

The sampling scope for properties on the site is summarized in Table 1. Figure 2 shows soil gas, outdoor air, and groundwater sampling locations for 2012 and 2013. Wind roses used to evaluate and select background sampling locations are included in Appendix A.

Table 1
2012 Sampling Summary

ID	Property	Foundation Type	Number of Indoor Air Samples	Number of Subslab Samples	Number of Crawlspace Samples	Number of Soil Gas Samples
1*	117 N. 3rd Ave— Fire Station	Slab-on-grade	3	3	0	1
5*	210 N. Main Ave— Community Center	Slab-on-grade	3	0	0	1
7	116 N. Main Ave— Police Dept.	Slab-on-grade	2	3	0	0
9	121 N. Main Ave— Sportsman Bar & Grill	Crawlspace (inaccessible)	2	0	0	0
10*	127 N. Main Ave— Sales Office	Crawlspace	2	0	1	0
11*	201/205 N. Main Ave— Post Office	Slab-on-grade	3	4	0	1
13*	305 N. Main Ave	Slab-on-grade	2	1	0	1
24*	322 N. 1st Ave	Partial basement, partial crawlspace	2	0	1	1
27*	304 N. 1st Ave	Crawlspace	2	0	1	1
44*	122 N. Main Ave— Former Park Laundry Property, Vacant Lot	N/A	0	0	0	0
45*	126 N. Main Ave— Vacant Lot	N/A	0	0	0	1
46*	Main Ave/Mill Street Intersection— Vacant Lot	N/A	0	0	0	1
*A soil gas sampling port was installed at the property. Soil gas samples were taken only from locations where groundwater was not encountered.						

As described in the Sampling Plan, a two-phase approach was used to assess each property. The preliminary site visit included occupant interviews, an inspection to identify sampling locations, and the removal of potential indoor chemical sources. Information and representative photographs collected during the site survey and occupant interviews are summarized in Appendix B, Field Data Summary.

MFA used a portable gas chromatograph/mass spectrometer (GC/MS) to screen the indoor air in each building to identify potential indoor sources of chlorinated VOCs. Subslab and/or soil gas sampling ports, if applicable, were also installed during the preliminary visit. Samples were collected, consistent with the Sampling Plan, approximately 24 hours after the preliminary visit.

2.3.2 Sampling Scope and Methodology—July 2013

The sampling scope and methodology in 2013 were the same as in 2012, with the following exceptions.

Forty-seven samples were collected and analyzed during the 2013 mobilization:

- Twenty-two indoor air samples
- Two crawlspace air samples
- Nine soil gas samples
- Thirteen subslab soil gas samples
- Two outdoor background air samples

The sampling scope for properties on the site is summarized in Table 2.

Table 2
2013 Sampling Summary

ID	Property	Foundation Type	Number of Indoor Air Samples	Number of Subslab Samples	Number of Crawlspace Samples	Number of Soil Gas Samples
1*	117 N. 3rd Ave— Fire Station	Slab-on-grade	3	3	0	0
5*	210 N. Main Ave— Community Center	Slab-on-grade	3	2	0	1
7	116 N. Main Ave— Police Dept.	Slab-on-grade	2	3	0	0
9	121 N. Main Ave— Sportsman Bar & Grill	Crawlspace (inaccessible)	2	0	0	0
10*	127 N. Main Ave— Sales Office	Crawlspace	2	0	1	0
11*	201/205 N. Main Ave— Post Office	Slab-on-grade	3	4	0	1
13*	305 N. Main Ave	Slab-on-grade	2	1	0	1
24*	322 N. 1st Ave	Partial basement, partial crawlspace	0	0	0	1
27*	304 N. 1st Ave	Crawlspace	2	0	1	1
28*	305 N. 1st Ave	Basement	3	0	0	1
44*	122 N. Main Ave—Former Park Laundry Property, Vacant Lot	N/A	0	0	0	1

ID	Property	Foundation Type	Number of Indoor Air Samples	Number of Subslab Samples	Number of Crawlspace Samples	Number of Soil Gas Samples
45*	126 N. Main Ave—Vacant Lot	N/A	0	0	0	1
46*	Main Ave/Mill Street Intersection—Vacant Lot	N/A	0	0	0	1

*A soil gas sampling port was installed at the property. Soil gas samples were taken only from locations where groundwater was not encountered.

MFA limited the assessment of potential indoor sources of chlorinated VOCs to interviews and a visual inspection instead of using a portable GC/MS.

2.3.3 Refined Conceptual Site Models

MFA refined the CSM for each of the buildings included in the Sampling Plan, based on the information gathered during the visual inspection. The results are provided in Appendix C, Conceptual Site Models, and the content of the CSM is consistent with Section 3.2 of Ecology’s draft vapor intrusion guidance (Ecology, 2009b).

3 EXPOSURE ASSESSMENT SAMPLING CRITERIA

Results from the assessment were compared to screening levels summarized in Table 3.

Table 3
Analytes and Screening Levels ($\mu\text{g}/\text{m}^3$)

Analyte	CAS Number	Screening Level—Air	Screening Level—Soil Gas
PCE	127-18-4	9.6	96
TCE	79-01-6	0.37	3.7
1,1-DCE	75-35-4	91	910
cis-1,2-DCE	156-59-2	16	160
trans-1,2-DCE	156-60-5	32	320
1,1-DCA	75-34-3	320	3200
1,2-DCA	107-06-2	0.096	0.96
Chloroethane	75-00-3	3	30
Vinyl chloride	75-01-4	0.28	2.8

NOTES:
Screening levels are based on Table B-1 (Ecology, 2009b). Values for PCE and TCE are based on CLARC guidance (Ecology, 2012b).
CAS = Chemical Abstract Service.
 $\mu\text{g}/\text{m}^3$ = micrograms per cubic meter.

4 SAMPLING RESULTS

Sampling results are summarized in the attached analytical tables (Tables 4 and 5). Complete laboratory reports and data validation are also provided in Appendices D and E, respectively.

4.1 Soil Gas Samples

4.1.1 November 2012

- PCE was detected in one soil gas sample (Property 45, Vacant Lot at 126 N. Main Avenue) that exceeded the screening level ($96 \mu\text{g}/\text{m}^3$), with a concentration of $2,800 \mu\text{g}/\text{m}^3$.
- TCE was detected in one soil gas sample (Property 11, Post Office) that exceeded the screening level ($3.7 \mu\text{g}/\text{m}^3$), with a concentration of $4.7 \mu\text{g}/\text{m}^3$.
- Vinyl chloride was detected in one soil gas sample (Property 11, Post Office) that exceeded the screening level ($2.8 \mu\text{g}/\text{m}^3$), with a concentration of $4.7 \mu\text{g}/\text{m}^3$.

4.1.2 July 2013

- PCE results exceeded the screening level of $96 \mu\text{g}/\text{m}^3$ in five soil gas samples. Each of the three vacant lots had exceedances, with results ranging from $100 \mu\text{g}/\text{m}^3$ at Property 46, the corner of Main Avenue and Mill Street, to $9,500 \mu\text{g}/\text{m}^3$ at Property 44, the Property. The soil gas result for Property 5, the Community Center, was $250 \mu\text{g}/\text{m}^3$, and the result for Property 28, 305 N. 1st Avenue, was $16,000 \mu\text{g}/\text{m}^3$.
- TCE results exceeded the screening level of $3.7 \mu\text{g}/\text{m}^3$ in one soil gas sample. The soil gas concentration at Property 11, the Post Office, was $5.2 \mu\text{g}/\text{m}^3$. TCE is not a site-related hazardous substance.

4.2 Subslab Samples

4.2.1 November 2012

- No subslab sample results exceeded the screening level for any analytes.
- Helium was detected in three subslab samples, with reported concentrations of 0.24 percent and 0.59 percent (Property 7, Police Department), and 0.38% (Property 11, Post Office).

4.2.2 July 2013

- PCE results exceeded the screening level of $96 \mu\text{g}/\text{m}^3$ in both of the subsurface samples at Property 5, the Community Center, with results of $320 \mu\text{g}/\text{m}^3$ and $750 \mu\text{g}/\text{m}^3$. PCE was not detected in indoor air samples.

4.3 Indoor and Outdoor Air Samples

4.3.1 November 2012

- TCE was detected above the screening level ($0.37 \mu\text{g}/\text{m}^3$) in all three indoor air samples collected from Property 1, the Fire Station, with results between $1 \mu\text{g}/\text{m}^3$ and $1.2 \mu\text{g}/\text{m}^3$. Results from all three subsurface samples at the Fire Station showed that TCE concentrations were either non-detect or estimated to be $0.35 \mu\text{g}/\text{m}^3$ or less.
- 1,2-DCA was detected above the screening level of $0.096 \mu\text{g}/\text{m}^3$ in 15 out of 21 indoor air and two out of six outdoor air (background) samples. Reported indoor air concentrations ranged from $0.074 \mu\text{g}/\text{m}^3$ to $1.5 \mu\text{g}/\text{m}^3$. Reported outdoor air concentrations ranged from $0.056 \mu\text{g}/\text{m}^3$ to $0.81 \mu\text{g}/\text{m}^3$.
- 1,2-DCA was not detected above the screening level or method reporting limit in any subsurface samples, including both subsurface and soil gas.
- Each sample had an initial starting canister pressure of at least -28 inches of mercury. Two samples (1-IA2-111512, collected from upstairs of the Fire Station, and sample 27-CS1-111512, collected from the crawlspace of 304 N. 1st Avenue) were received by the lab with a final canister pressure of 0 inches of mercury.

4.3.2 July 2013

- TCE was detected above the screening level ($0.37 \mu\text{g}/\text{m}^3$) in two of the three indoor air samples collected from Property 1, the Fire Station, with results between $0.47 \mu\text{g}/\text{m}^3$ and $2.2 \mu\text{g}/\text{m}^3$. TCE was not detected in any of the three subsurface sampling locations at the Fire Station.
- TCE was detected above the screening level ($0.37 \mu\text{g}/\text{m}^3$) in one of the three indoor air samples collected from Property 5, the Community Center, with a result of $0.68 \mu\text{g}/\text{m}^3$. TCE was not detected in either of the two subsurface sampling locations at the Community Center.
- TCE was detected above the screening level ($0.37 \mu\text{g}/\text{m}^3$) in one of the two indoor air samples collected from Property 9, the Sportsman Bar & Grill, with a result of $1.3 \mu\text{g}/\text{m}^3$.
- PCE and TCE were both detected in one of the two outdoor air (background) samples, but results were below the screening levels.

- 1,2-DCA was detected above the screening level of 0.096 $\mu\text{g}/\text{m}^3$ in 17 out of 22 indoor air and one out of two outdoor air (background) samples. Reported indoor air concentrations ranged from 0.069 $\mu\text{g}/\text{m}^3$ to 2.6 $\mu\text{g}/\text{m}^3$. Reported outdoor air concentrations ranged from 0.061 $\mu\text{g}/\text{m}^3$ to 0.16 $\mu\text{g}/\text{m}^3$.
- 1,2-DCA was not detected above the screening level or method reporting limit in any subsurface samples, including both subslab and soil gas.

5 DISCUSSION

There appears to be no vapor intrusion into buildings on this site. This conclusion is based on multiple lines of evidence, including the lack of any constituents above screening levels in the indoor air that were simultaneously found in corresponding soil gas or subslab samples.

The presence of PCE above the screening level in the soil gas on the two vacant lots immediately north of the former Park Laundry property (see Figure 1) warrants consideration of possible vapor intrusion into buildings that may be constructed in the future as part of the human health risk assessment.

Although PCE was detected above the soil gas screening level near and below the slab of the Community Center, PCE was not identified in indoor air above the screening level after two rounds of sampling. Similarly, PCE was identified above the screening level in the soil gas near 305 N. 1st Avenue and near the Post Office, but was not detected in the indoor air in either location. TCE and vinyl chloride were also detected above the screening level in the soil gas near the Post Office, but were not above the screening level in the subslab sample or in indoor air.

TCE and 1,2-DCA were the only constituents detected in indoor air above the screening level in any of the buildings. Neither TCE or 1,2-DCA are site-related hazardous substances. TCE appears related to indoor sources, based on the lack of TCE in corresponding subsurface samples. The groundwater level was too high to collect a soil gas sample near the Sportsman Bar & Grill. The general lack of TCE in the subsurface throughout the site makes it unlikely that the result at the Sportsman Bar & Grill is due to vapor intrusion.

There appears to be at least one background source of 1,2-DCA, indicated by the generally consistent concentrations in the indoor air and in some of the background samples, and by the absence of 1,2-DCA above screening levels or the method reporting limit in the soil gas or subslab samples. According to literature sources, 1,2-DCA is an additive to many common products, including leaded gasoline, paints, and adhesives, such as those used in wallpaper glue or carpeting (ATSDR, 2001). The presence of TCE in one of the background samples collected in 2013 suggests that there is either a background source near the site, or that the background sample was sufficiently downwind during the sampling period to be affected by the site contaminants.

Helium detected in three of the subslab samples collected in 2012 indicates the potential infiltration of ambient air, which suggests that the detected constituents in these samples are likely to be underestimated. However, each property with subslab sampling data had at least one sample result with no helium detected. Therefore, the subslab data provide a strong line of evidence on which to base conclusions about the lack of vapor intrusion.

6 RECOMMENDATIONS

Based on the results of the assessment, MFA recommends the following:

1. Communicate the assessment results to building owners and occupants.
2. The potential for future exposure on the properties on the site should be considered in the human health risk assessment necessary for completion of the RI.
3. The indoor air assessment for the site should be considered concluded.

LIMITATIONS

The services undertaken in completing this report were performed consistent with generally accepted professional consulting principles and practices. No other warranty, express or implied, is made. These services were performed consistent with our agreement with our client. This report is solely for the use and information of our client unless otherwise noted. Any reliance on this report by a third party is at such party's sole risk.

Opinions and recommendations contained in this report apply to conditions existing when services were performed and are intended only for the client, purposes, locations, time frames, and project parameters indicated. We are not responsible for the impacts of any changes in environmental standards, practices, or regulations subsequent to performance of services. We do not warrant the accuracy of information supplied by others, or the use of segregated portions of this report.

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ANALYTICAL TABLES



Table 4
Air Results (µg/m³)
Former Park Laundry
Ridgefield, Washington

Property	Location	Sample ID	Date Collected	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Chloroethane	cis-1,2-Dichloroethene	PCE	trans-1,2-Dichloroethene	TCE	Vinyl Chloride
MTCMA Method B Indoor Air Screening Level ^{a,b}				320	91	0.096	3	16	9.6	32	0.37	0.28
Indoor Air												
117 N. 3rd Ave—Fire Station	1-IA1	1-IA1-111512	11/15/2012	0.12 U	0.059 U	0.31	0.2 U	0.12 U	0.2 U	0.59 U	1.2	0.038 U
	1-IA2	1-IA2-111512	11/15/2012	0.11 U	0.053 U	0.2	0.18 U	0.11 U	0.18 U	0.53 U	1	0.034 U
	1-IA3	1-IA3-111512	11/15/2012	0.13 U	0.063 U	0.086 J	0.21 U	0.12 U	0.21 U	0.63 U	1	0.04 U
	1-IA1	1-IA1-072913	07/29/2013	0.13 U	0.063 U	0.17	0.21 U	0.12 U	0.21 U	0.63 U	2.2	0.040 U
	1-IA2	1-IA2-072913	07/29/2013	0.12 U	0.061 U	0.074 J	0.20 U	0.12 U	0.21 U	0.61 U	0.47	0.040 U
	1-IA3	1-IA3-072913	07/29/2013	0.12 U	0.059 U	0.069 J	0.20 U	0.12 U	0.20 U	0.59 U	0.29	0.038 U
210 N. Main Ave—Community Center	5-IA1	5-IA1-111412	11/14/2012	0.12 U	0.061 U	0.093 J	0.2 U	0.12 U	0.23	0.61 U	0.063 J	0.04 U
	5-IA2	5-IA2-111412	11/14/2012	0.12 U	0.06 U	0.11 J	0.2 U	0.12 U	0.22	0.6 U	0.17	0.039 U
	5-IA3	5-IA3-111412	11/14/2012	0.13 U	0.065 U	0.074 J	0.22 U	0.13 U	0.22 U	0.65 U	0.058 J	0.042 U
	5-IA1	5-IA1-073013	07/30/2013	0.12 U	0.061 U	0.064 J	0.20 U	0.12 U	0.44	0.61 U	0.16 U	0.039 U
	5-IA2	5-IA2-073013	07/30/2013	0.12 U	0.061 U	0.081 J	0.20 U	0.12 U	0.52	0.61 U	0.16 U	0.039 U
	5-IA3	5-IA3-073013	07/30/2013	0.13 U	0.062 U	0.15	0.21 U	0.12 U	0.81	0.62 U	0.68	0.040 U
116 N. Main Ave—Police Department	7-IA1	7-IA1-111512	11/15/2012	0.12 U	0.06 U	0.12	0.2 U	0.12 U	0.2 U	0.6 U	0.12 J	0.039 U
	7-IA2	7-IA2-111512	11/15/2012	0.12 U	0.059 U	0.08 J	0.2 U	0.12 U	0.2 J	0.59 U	0.074 J	0.038 U
	7-IA1	7-IA1-072913	07/29/2013	0.13 U	0.062 U	0.076 J	0.20 U	0.12 U	0.21 U	0.62 U	0.17 U	0.040 U
	7-IA2	7-IA2-072913	07/29/2013	0.12 U	0.057 U	0.10 J	0.19 U	0.11 U	0.20 U	0.57 U	0.15 U	0.037 U
121 N. Main Ave—Sportsman Grill	9-IA1	9-IA1-111212	11/12/2012	0.23 U	0.11 U	0.16 J	0.38 U	0.23 U	0.39 U	1.1 U	0.12 J	0.074 U
	9-IA2	9-IA2-111212	11/12/2012	0.14 U	0.069 U	0.12 J	0.23 U	0.14 U	0.24 U	0.69 U	0.056 J	0.044 U
	9-IA1	9-IA1-072913	07/29/2013	0.25 U	0.12 U	0.47	0.41 U	0.25 U	1.1	1.2 U	1.3	0.083
	9-IA2	9-IA2-072913	07/29/2013	0.12 U	0.059 U	0.14	0.20 U	0.12 U	0.20 U	0.59 U	0.16 U	0.038 U
127 N. Main Ave—Sales Office	10-IA1	10-IA1-111512	11/15/2012	0.14 U	0.069 U	0.33	0.23 U	0.14 U	0.24 U	0.69 U	0.03 J	0.045 U
	10-IA2	10-IA2-111512	11/15/2012	0.13 U	0.064 U	0.44	0.21 U	0.13 U	0.22 U	0.64 U	0.026 J	0.041 U
	10-IA1	10-IA1-072913	07/29/2013	0.12 U	0.058 U	0.37	0.19 U	0.12 U	0.25	0.58 U	0.16 U	0.038 U
	10-IA2	10-IA2-072913	07/29/2013	0.12 U	0.060 U	0.33	0.20 U	0.12 U	0.20 U	0.60 U	0.16 U	0.038 U
201 / 205 N. Main Ave—Post Office	11-IA1	11-IA1-111512	11/15/2012	0.13 U	0.063 U	0.22	0.21 U	0.13 U	0.23	0.63 U	0.043 J	0.041 U
	11-IA2	11-IA2-111512	11/15/2012	0.12 U	0.06 U	0.2	0.2 U	0.12 U	0.21 U	0.6 U	0.051 J	0.039 U
	11-IA3	11-IA3-111512	11/15/2012	0.12 U	0.06 U	0.19	0.2 U	0.12 U	0.27	0.6 U	0.035 J	0.039 U
	11-IA1	11-IA1-072913	07/29/2013	0.12 U	0.059 U	0.54	0.20 U	0.12 U	0.46	0.59 U	0.16 U	0.074
	11-IA2	11-IA2-072913	07/29/2013	0.12 U	0.059 U	0.54	0.20 U	0.12 U	0.20 U	0.59 U	0.16 U	0.038 U
	11-IA3	11-IA3-072913	07/29/2013	0.12 U	0.059 U	0.39	0.20 U	0.12 U	0.29	0.59 U	0.16 U	0.038 U
305 N. Main Ave	13-IA1	13-IA1-111612	11/16/2012	0.13 U	0.062 U	0.48	0.2 U	0.12 U	0.21 U	0.62 U	0.03 J	0.04 U
	13-IA2	13-IA2-111612	11/16/2012	0.13 U	0.063 U	0.67	0.21 U	0.13 U	0.22 U	0.63 U	0.095 J	0.041 U
	13-IA1	13-IA1-073013	07/30/2013	0.13 U	0.065 U	0.57	0.22 U	0.13 U	0.22 U	0.65 U	0.18 U	0.042 U
	13-IA2	13-IA2-073013	07/30/2013	0.11 U	0.055 U	2.2	0.18 U	0.11 U	0.36	0.55 U	0.15 U	0.036 U
322 N. 1st Ave	24-IA1	24-IA1-111612	11/16/2012	0.12 U	0.061 U	0.08 J	0.2 U	0.12 U	0.21 U	0.61 U	0.068 J	0.039 U
	24-IA2	24-IA2-111612	11/16/2012	0.12 U	0.061 U	0.08 J	0.2 U	0.12 U	0.21 U	0.61 U	0.029 J	0.04 U

Table 4
Air Results (µg/m³)
Former Park Laundry
Ridgefield, Washington

Property	Location	Sample ID	Date Collected	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Chloroethane	cis-1,2-Dichloroethene	PCE	trans-1,2-Dichloroethene	TCE	Vinyl Chloride
MTCA Method B Indoor Air Screening Level ^{a,b}				320	91	0.096	3	16	9.6	32	0.37	0.28
304 N. 1st Ave	27-IA1	27-IA1-111512	11/15/2012	0.12 U	0.061 U	1.5	0.20 U	0.12 U	0.21 U	0.61 U	0.083 J	0.04 U
	27-IA2	27-IA2-111512	11/15/2012	0.14 U	0.067 U	1.5	0.22 U	0.13 U	0.23 U	0.67 U	0.052 UJ	0.043 U
	27-IA1	27-IA1-073013	07/30/2013	0.12 U	0.061 U	2.1	0.20 U	0.12 U	1.1	0.61 U	0.16 U	0.039 U
	27-IA2	27-IA2-073013	07/30/2013	0.13 U	0.063 U	2.6	0.21 U	0.13 U	1.2	0.63 U	0.17 U	0.041 U
305 N. 1st Ave	28-IA1	28-IA1-073013	07/30/2013	0.14 U	0.068 U	0.32	0.22 U	0.14 U	0.85	0.68 U	0.18 U	0.044 U
	28-IA2	28-IA2-073013	07/30/2013	0.13 U	0.064 U	0.82	0.21 U	0.13 U	0.30	0.64 U	0.17 U	0.041 U
	28-IA3	28-IA3-073013	07/30/2013	0.12 U	0.060 U	0.51	0.20 U	0.12 U	0.27	0.60 U	0.16 U	0.043
Crawlspace												
127 N. Main Ave—Sales Office	10-CS1	10-CS1-111512	11/15/2012	0.11 U	0.055 U	0.063 J	0.18 U	0.11 U	0.19 U	0.55 U	0.035 J	0.035 U
	10-CS1	10-CS1-072913	07/29/2013	0.12 U	0.060 U	0.055 J	0.20 U	0.12 U	0.20 U	0.60 U	0.16 U	0.038 U
322 N. 1st Ave	24-CS1	24-CS1-111512	11/15/2012	0.13 U	0.065 U	0.061 J	0.22 U	0.13 U	0.22 U	0.65 U	0.052 UJ	0.042 U
304 N. 1st Ave	27-CS1	27-CS1-111512	11/15/2012	0.11 U	0.053 U	0.17	0.18 U	0.11 U	0.18 U	0.53 U	0.053 J	0.039
	27-CS1	27-CS1-073013	07/30/2013	0.12 U	0.059 U	0.093 J	0.20 U	0.12 U	0.20 U	0.59 U	0.17	0.038 U
Outdoor Air (Background)												
Living Center	OA1	OA1-111512	11/15/2012	0.12 U	0.06 U	0.81 J	0.2 U	0.12 U	0.21 U	0.6 U	0.053 J	0.039 U
	OA1	OA1-111612	11/16/2012	0.12 U	0.061 U	0.062 J	0.2 U	0.12 U	0.21 U	0.61 U	0.047 J	0.04 U
El Rancho Viejo	OA2	OA2-111512	11/15/2012	0.1 U	0.05 U	0.056 J	0.17 U	0.1 U	0.17 U	0.5 U	0.048 J	0.032 U
	OA2	OA2-111612	11/16/2012	0.12 U	0.057 U	0.069 J	0.19 U	0.11 U	0.2 U	0.57 U	0.047 J	0.037 U
Davis Park	OA3	OA3-111512	11/15/2012	0.12 U	0.061 U	0.26	0.2 U	0.12 U	0.21 U	0.61 U	0.064 J	0.04 U
	OA3	OA3-111612	11/16/2012	0.12 U	0.06 U	0.068 J	0.2 U	0.12 U	0.21 U	0.6 U	0.06 J	0.039 U
	OA3	OA3-072913	07/29/2013	0.12 U	0.059 U	0.16	0.20 U	0.12 U	0.63	0.59 U	0.26	0.038 U
	OA3	OA3-073013	07/30/2013	0.13 U	0.063 U	0.061 J	0.21 U	0.13 U	0.22 U	0.63 U	0.17 U	0.041 U
<p>NOTES:</p> <p>Detections are in bold font.</p> <p>Detections that exceed MTCA Method B screening levels are shaded.</p> <p>J = Result is estimated value.</p> <p>MTCA = Model Toxics Control Act.</p> <p>µg/m³ = micrograms per cubic meter</p> <p>PCE = tetrachloroethene.</p> <p>TCE = trichloroethene.</p> <p>U = Result is non-detect to method detection limit for 1,2-dichloroethane results for samples collected in July 2013. Result is non-detect to method reporting limit for all other results.</p> <p>^aMTCA Method B for Indoor Air from Table B-1 (Ecology, 2009).</p> <p>^bScreening level values for PCE and TCE are based on CLARC guidance dated September 2012.</p>												

Table 5
Soil Gas Results (µg/m³)
Former Park Laundry
Ridgefield, Washington

Property	Location	Sample ID	Date Collected	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Chloroethane	cis-1,2-Dichloroethene	PCE	trans-1,2-Dichloroethene	TCE	Vinyl Chloride	Helium (%)
MTCA Method B Soil Gas Screening Level ^{a,b}				3200	910	0.96	30	160	96	320	3.7	2.8	
Subslab													
117 N. 3rd Ave—Fire Station	1-SS1	1-SS1-111512	11/15/2012	0.92 U	0.9 U	0.075 U	3 U	0.9 U	1.5 U	0.9 U	0.29 J	0.58 U	0.11 U
	1-SS2	1-SS2-111512	11/15/2012	0.89 U	0.88 U	0.073 U	2.9 U	0.88 U	2.2	0.88 U	0.18 U	0.56 U	0.11 U
	1-SS3	1-SS3-111512	11/15/2012	0.91 U	0.9 U	0.074 U	3 U	0.9 U	1.5 U	0.9 U	0.35 J	0.58 U	0.11 U
	1-SS1	1-SS1-072913	07/29/2013	4.7 U	4.6 U	0.89 U	12 U	4.6 U	7.9 U	4.6 U	1.6 U	0.77 U	NA
	1-SS2	1-SS2-072913	07/29/2013	4.7 U	4.6 U	0.89 U	12 U	4.6 U	7.9 U	4.6 U	1.6 U	0.77 U	NA
	1-SS3	1-SS3-072913	07/29/2013	4.7 U	4.6 U	0.88 U	12 U	4.6 U	7.9 U	4.6 U	1.6 U	0.76 U	NA
210 N. Main Ave—Community Center	5-SS1	5-SS1-073013	07/30/2013	4.5 U	4.4 U	0.86 U	12 U	4.4 U	750	4.4 U	1.6 U	0.74 U	NA
	5-SS2	5-SS2-073013	07/30/2013	4.6 U	4.6 U	0.88 U	12 U	4.6 U	320	4.6 U	1.6 U	0.76 U	NA
116 N. Main Ave—Police Department	7-SS1	7-SS1-111512	11/15/2012	0.94 U	0.92 U	0.076 U	3 U	0.92 U	12	0.92 U	0.31 J	0.59 U	0.12 U
	7-SS2	7-SS2-111512	11/15/2012	0.97 U	0.95 U	0.079 U	3.2 U	0.95 U	7.8 J	0.95 U	0.36 J	0.61 U	0.59
	7-SS3	7-SS3-111512	11/15/2012	0.91 U	0.9 U	0.074 U	3 U	0.9 U	14 J	0.9 U	0.19 U	0.58 U	0.24
	7-SS1	7-SS1-072913	07/29/2013	4.8 U	4.7 U	0.90 U	12 U	4.7 U	8.0 U	4.7 U	1.6 U	0.78 U	NA
	7-SS2	7-SS2-072913	07/29/2013	4.8 U	4.6 U	0.90 U	12 U	4.6 U	8.0 U	4.6 U	1.6 U	0.78 U	NA
	7-SS3	7-SS3-072913	07/29/2013	5.0 U	4.8 U	0.94 U	13 U	4.8 U	8.3 U	4.8 U	1.7 U	0.81 U	NA
201 / 205 N. Main Ave—Post Office	11-SS1	11-SS1-111512	11/15/2012	0.82 U	0.8 U	0.22 J	2.7 U	0.8 U	1.4 U	0.8 U	0.17 U	0.52 U	0.1 U
	11-SS2	11-SS2-111512	11/15/2012	1.9 U	1.8 U	0.72 J	6.1 U	1.8 U	3.1 U	1.8 U	0.38 U	1.2 U	0.38
	11-SS3	11-SS3-111512	11/15/2012	2.1 U	2 U	0.17 U	6.8 U	2 U	3.5 U	2 U	0.42 U	1.3 U	0.13 U
	11-SS4	11-SS4-111512	11/15/2012	2.9 U	2.8 U	0.23 U	9.4 U	2.8 U	6.9	2.8 U	0.59 U	1.8 U	0.11 U
	11-SS1	11-SS1-073113	07/31/2013	4.8 U	4.6 U	0.78 U	12 U	4.6 U	10	4.6 U	1.1 U	0.88 U	NA
	11-SS2	11-SS2-073113	07/31/2013	5.0 U	4.9 U	0.81 U	13 U	4.9 U	8.3 U	4.9 U	1.2 U	0.92 U	NA
	11-SS3	11-SS3-073113	07/31/2013	4.6 U	4.5 U	0.76 U	12 U	4.5 U	7.8 U	4.5 U	1.1 U	0.85 U	NA
	11-SS4	11-SS4-073113	07/31/2013	4.6 U	4.6 U	0.76 U	12 U	4.6 U	7.8 U	4.6 U	1.1 U	0.86 U	NA
305 N. Main Ave	13-SS1	13-SS1-111612	11/16/2012	0.87 U	0.86 U	0.071 U	2.8 U	0.86 U	1.9	0.86 U	0.18 U	0.55 U	0.11 U
	13-SS1	13-SS1-073013	07/30/2013	5.2 U	5.1 U	0.85 U	14 U	5.1 U	8.7 U	5.1 U	1.2 U	0.96 U	NA
Soil Gas													
117 N. 3rd Ave—Fire Station	1-SG1	1-SG1-111512	11/15/2012	0.88 U	0.86 U	0.34 J	2.9 U	0.86 U	16	0.86 U	0.95 J	0.56 U	0.11 U
210 N. Main Ave—Community Center	5-SG1	5-SG1-111512	11/15/2012	0.93 U	0.91 U	0.16 J	3 U	0.91 U	92	0.91 U	0.48 J	0.59 U	0.12 U
	5-SG1	5-SG1-073013	07/30/2013	4.7 U	4.6 U	0.89 U	12 U	4.6 U	250	4.6 U	1.6 U	0.77 U	NA
201 / 205 N. Main Ave—Post Office	11-SG1	11-SG1-111612	11/16/2012	0.93 U	0.91 U	0.076 U	3 U	3.3	1.6 U	0.91 U	4.7	4.7	0.12 U
	11-SG1	11-SG1-073113	07/31/2013	5.0 U	4.9 U	0.94 U	13 U	13	34	4.9 U	5.2 J	2.7 J	NA
305 N. Main Ave	13-SG1	13-SG1-111512	11/15/2012	1 U	0.99 U	0.082 U	3.3 U	0.99 U	26	0.99 U	0.4 J	0.64 U	0.12 U
	13-SG1	13-SG1-073013	07/30/2013	5.3 U	5.2 U	0.99 U	14 U	5.2 U	30	5.2 U	2.4 J	0.86 U	NA
322 N. 1st Ave	24-SG1	24-SG1-111512	11/15/2012	0.99 U	0.97 U	0.08 U	3.2 U	0.97 U	2.6	0.97 U	0.35 J	0.62 U	0.12 U
	24-SG1	24-SG1-073013	07/30/2013	5.3 U	5.2 U	1.0 U	14 U	5.2 U	8.9 U	5.2 U	1.8 U	0.87 U	NA
304 N. 1st Ave	27-SG1	27-SG1-111512	11/15/2012	0.88 U	0.86 U	0.21 J	2.9 U	0.86 U	5.9	0.86 U	0.5 J	0.56 U	0.11 U
	27-SG1	27-SG1-072913	07/29/2013	5.1 U	5.0 U	0.96 U	13 U	5.0 U	8.5 U	5.0 U	1.7 U	0.83 U	NA

Table 5
Soil Gas Results ($\mu\text{g}/\text{m}^3$)
Former Park Laundry
Ridgefield, Washington

Property	Location	Sample ID	Date Collected	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Chloroethane	cis-1,2-Dichloroethene	PCE	trans-1,2-Dichloroethene	TCE	Vinyl Chloride	Helium (%)
MTCA Method B Soil Gas Screening Level ^{a,b}				3200	910	0.96	30	160	96	320	3.7	2.8	
305 N. 1st Ave	28-SG1	28-SG1-073013	07/30/2013	33 U	32 U	6.2 U	85 U	32 U	16000	32 U	11 U	5.3 U	NA
122 N. Main Ave—Former Park Laundry Property	44-SG1	44-SG1-073113	07/31/2013	19 U	19 U	3.6 U	50 U	19 U	9500	19 U	6.5 U	3.1 U	NA
126 N. Main Ave—Adjacent to Park Laundry	45-SG1	45-SG1-111512	11/15/2012	4.6 U	4.5 U	0.37 U	15 U	4.5 U	2800	4.5 U	1.6 J	2.9 U	0.11 U
	45-SG1	45-SG1-073113	07/31/2013	4.8 U	4.7 U	0.90 U	12 U	4.7 U	1800	4.7 U	1.6 U	0.78 U	NA
Corner of Main Ave. and Mill St.	46-SG1	46-SG1-111512	11/15/2012	0.87 U	0.85 U	0.071 U	2.8 U	0.85 U	56	0.85 U	0.25 J	0.55 U	0.11 U
	46-SG1	46-SG1-073013	07/30/2013	5.0 U	4.9 U	5.0 U	13 U	4.9 U	100	4.9 U	1.7 U	0.81 U	NA
<p>NOTES:</p> <p>Detections are in bold font.</p> <p>Detections that exceed MTCA Method B screening levels are shaded.</p> <p>J = Result is estimated value.</p> <p>MTCA = Model Toxics Control Act.</p> <p>$\mu\text{g}/\text{m}^3$ = micrograms per cubic meter.</p> <p>NA = Helium was not included in analysis for these samples.</p> <p>PCE = tetrachloroethene.</p> <p>TCE = trichloroethene.</p> <p>U = Result is non-detect to method detection limit for 1,2-dichloroethane, TCE, and vinyl chloride results for samples collected in July 2013. Result is non-detect to method reporting limit for all other results.</p> <p>^aMTCA Method B for Soil Gas from Table B-1 (Ecology, 2009).</p> <p>^bScreening level values for PCE and TCE are based on CLARC guidance dated September 2012.</p>													



FIGURES

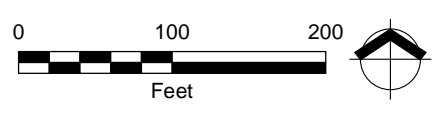


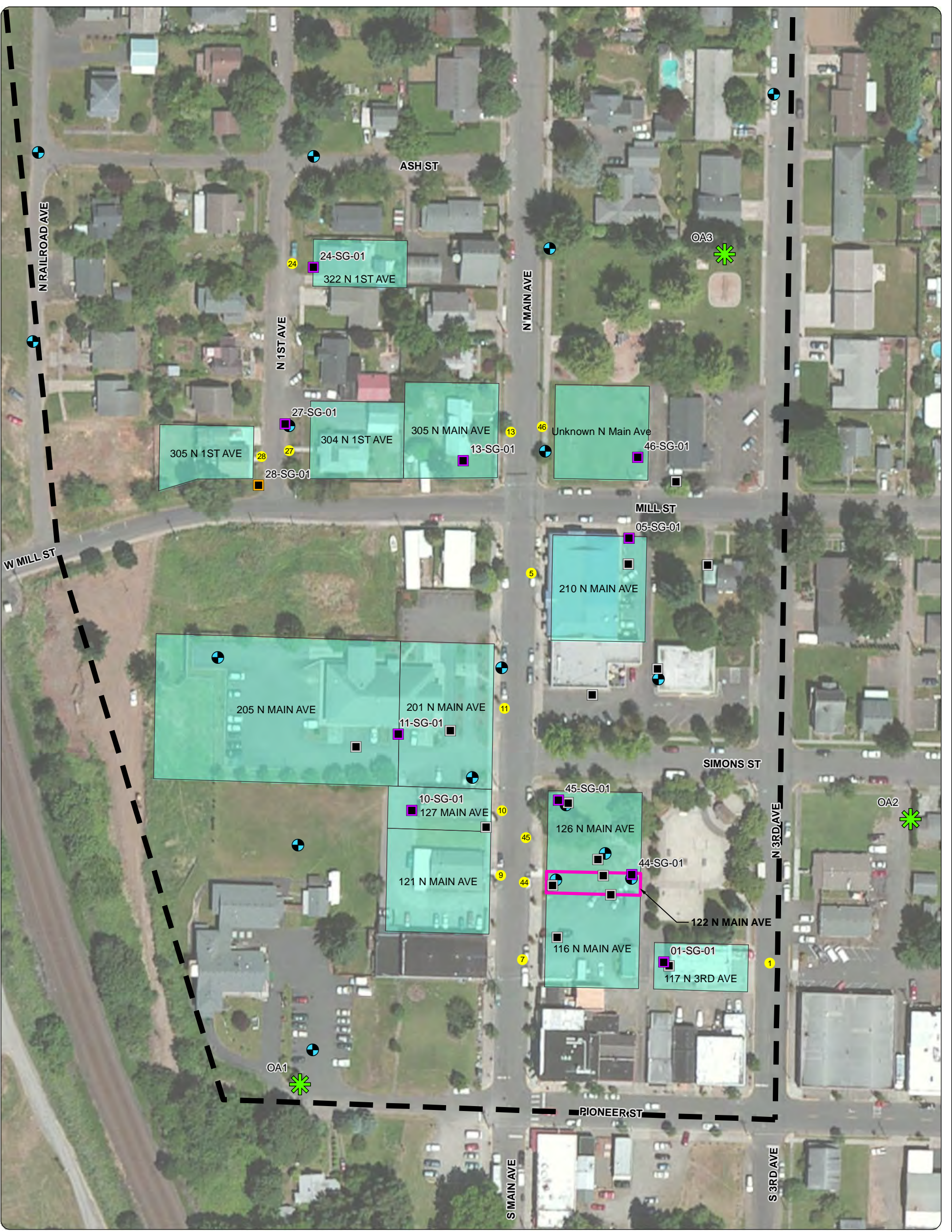


Source: Aerial photograph obtained from Esri ArcGIS Online

Figure 1
Vapor Intrusion Study Area
Former Park Laundry
Ridgefield, Washington

- Legend**
-  Vapor Intrusion Study Area
 -  Former Park Laundry Site





Source: Aerial photograph obtained from ESRI, Inc. ArcGIS Online.

Notes:
Soil gas ports not sampled in Nov. 2012:
10-SG1-01
28-SG1-01
44-SG1-01

Soil gas ports not sampled in July 2013:
1-SG1-01
10-SG1-01

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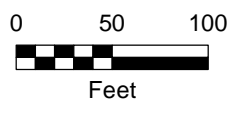
This product is for informational purposes and may not have been prepared for, or be suitable for legal, engineering, or surveying purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of the information.

Legend

- Soil Gas Monitoring Location (Installed July 2013)
- Soil Gas Monitoring Location (Installed November 2012)
- Soil Gas Monitoring Location (Installed June 2011)
- Groundwater Monitoring Well
- Vapor Intrusion Study Area
- Former Park Laundry Site
- Property Location
- Sampling Location (Property ID)
- Outdoor Air Sample Location
All outdoor air samples are outside of the ground contaminant boundary

Figure 2
Soil Gas, Outdoor Air, and Groundwater Sampling Locations

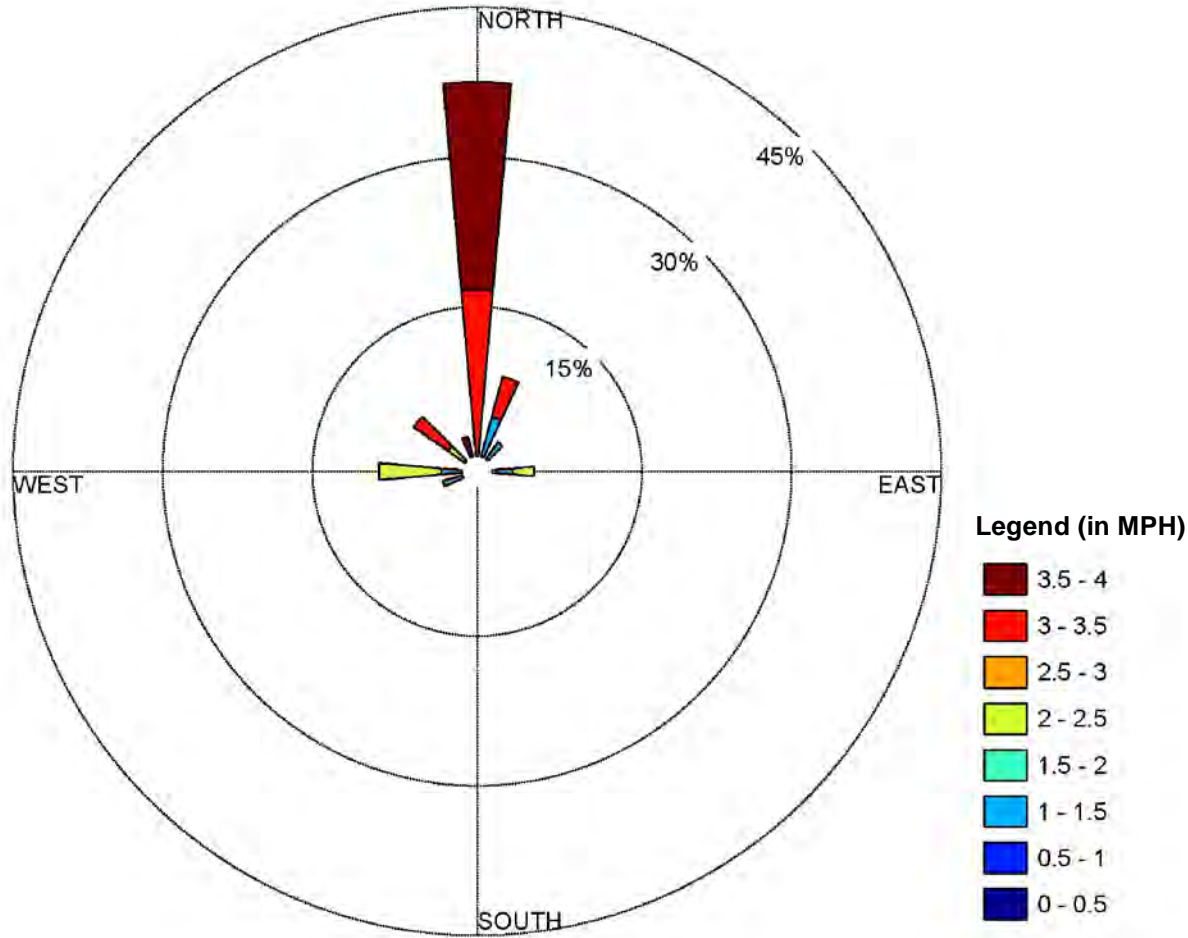
Former Park Laundry
Ridgefield, Washington



APPENDIX A

WIND ROSES

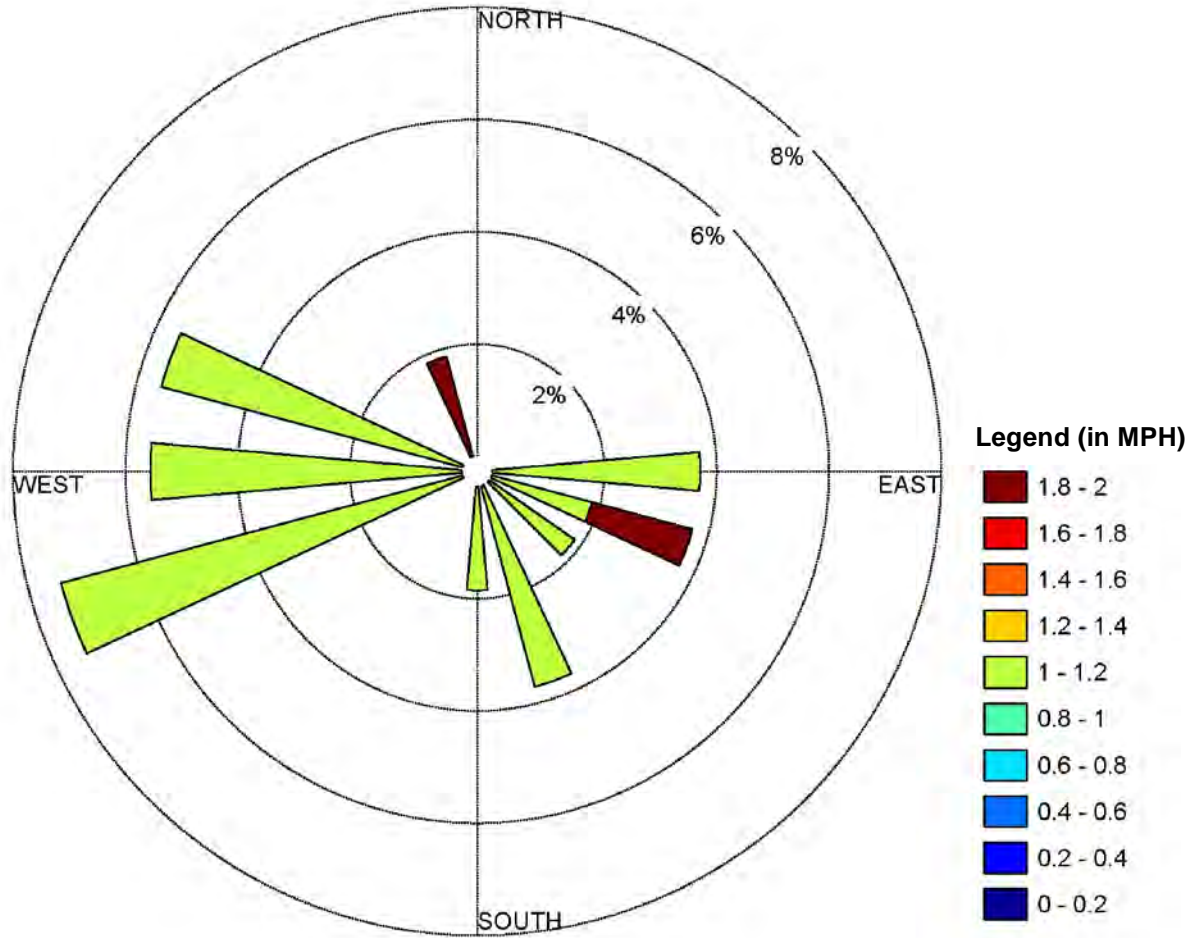




**Figure A-1
Wind Rose from
November 15-16, 2012**

Vapor Intrusion Investigation
Former Park Laundry
Ridgefield, Washington

- Notes:
1. MPH = miles per hour
 2. Plotted data show wind origin direction.



**Figure A-2
Wind Rose from
November 16-17, 2012**

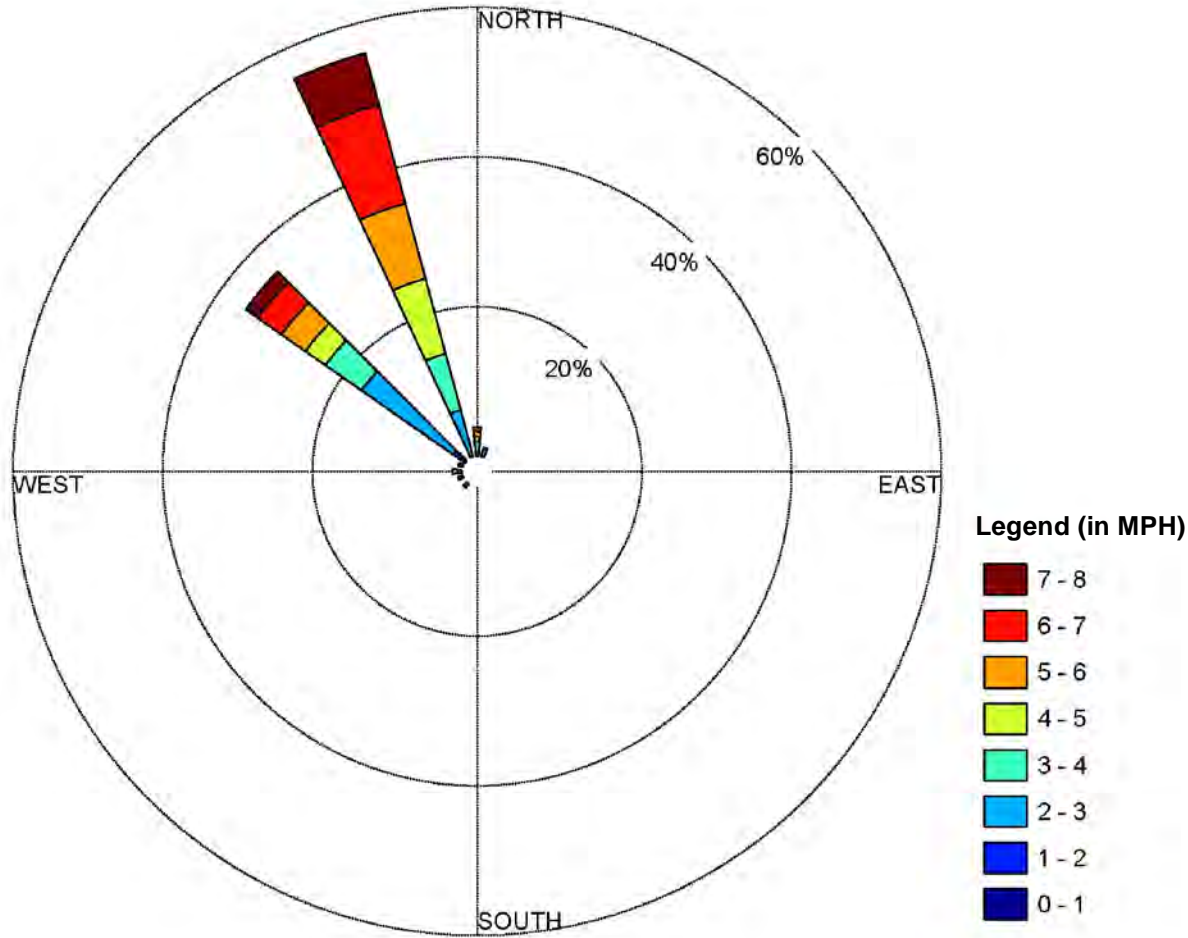
Vapor Intrusion Investigation
Former Park Laundry
Ridgefield, Washington

Notes:
1. MPH = miles per hour
2. Plotted data show wind origin direction.



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**Figure A-3
Wind Rose from
July 29-30, 2013**

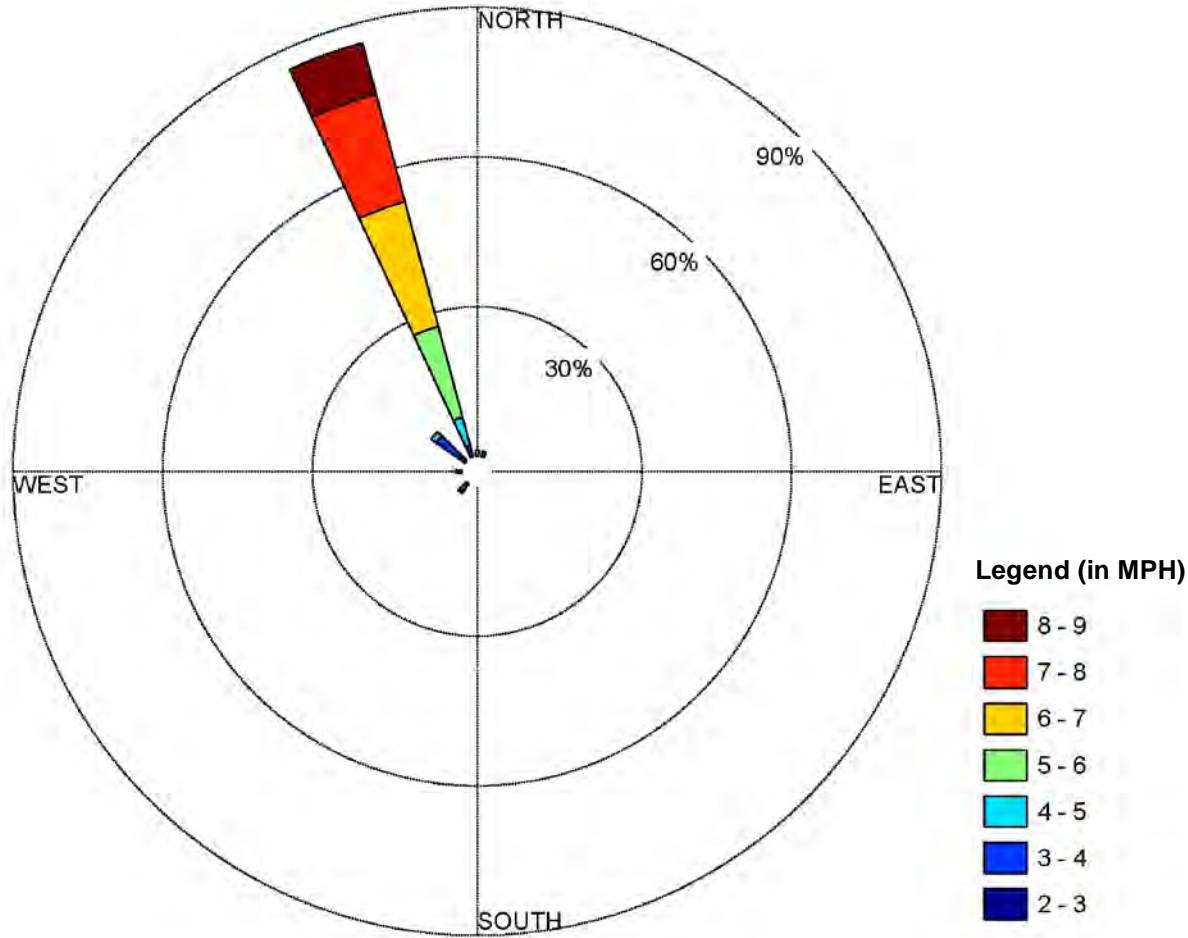
Vapor Intrusion Investigation
Former Park Laundry
Ridgefield, Washington

- Notes:
1. MPH = miles per hour
 2. Plotted data show wind origin direction.



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**Figure A-4
Wind Rose from
July 30-31, 2013**

Vapor Intrusion Investigation
Former Park Laundry
Ridgefield, Washington

- Notes:
1. MPH = miles per hour
 2. Plotted data show wind origin direction.

APPENDIX B

FIELD DATA SUMMARY



**Table B-1
Field Notes—Property Observations and Interview Results—November 2012**

Property ID	1	5	7	9	10	11	13	24	27	
Property	Property Address	117 N 3rd Ave—Fire Station	210 N Main Ave—Community Center	116 N Main Ave—Police Department	121 N Main Ave—Sportsman Bar & Grill	127 N Main Ave—Sales Office	201/205 N Main Ave—Post Office	305 N Main Ave	322 N 1st Ave	304 N 1st Ave
	Property Contact	Abe Rommel	Sean McGill	Carrie Greene	Terry Hurd	Catrina Johnson	Bob Welch	Shawna	Jason Laycoe	Patrick Campbell
	Type of Occupancy	Residential	Commercial	Commercial	Commercial	Office	Office	Residential	Residential	Residential
	Year Constructed	1940s	Unknown	Building in 2000, but slab in 1970s	1929	Unknown	Unknown	Unknown	1921	Original 1910, added in 1930s and 1940s, remodeled early 2000
	Building Sq. Footage (Approx.)	2500	8250	1500	2000	1575	8250	1700	940	1400
Survey	Date/Time	11/12/12 10:17 AM	11/13/2012	11/13/12 9:15 AM	11/12/12 8:30 AM	11/13/12 2:29 PM	11/13/2012	11/14/12 10:00 AM	11/12/12 1:31 PM	11/13/12 1:09 PM
	Bill Beadie	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Thomas Ashton	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Mike Murray	Yes	No	Yes	No	No	Yes	Yes	No	Yes
	Andy Vidourek	Yes	No	Yes	No	No	Yes	No	No	No
	Occupancy	2 to 4	Average 40	3 to 4	200 when crowded, average of 60	3	14	One adult, four children	Two adults, one child (13-18)	One adult, one child (13-18)
Occupant Info	Foundation Type	Slab-on-grade	Slab-on-grade	Slab-on-grade	Full crawlspace	Full crawlspace	Slab-on-grade	Slab-on-grade	Partial basement and partial crawlspace	Full crawlspace
	Foundation Notes	Some cracks visible in the slab. See photos.	None	None	None	Full crawlspace with vapor barrier on soil	None	Floating floor above slab in most of living space.	Basement; crawlspace in areas that don't have a basement.	Full crawlspace
	Number of Occupied Floors BELOW Grade	0	0	0	0	0	0	0	1	0
	Occupied Floors BELOW Grade—Notes	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Unfinished basement	N/A
	Number of Occupied Floors ABOVE Grade	2	1	1	1	1	1	2	1	1
	Occupied Floors ABOVE Grade—Notes	The main floor is primarily the garage and gym. The upper floor includes the living, eating, and sleeping areas.	None	None	None	None	None	None	None	None
	Depth of Basement Below Grade (ft)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	7-8 ft	N/A
	Basement Size (sq ft)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	300	N/A
	Basement Floor Construction	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Concrete	N/A
	Basement Floor Notes	N/A	N/A	N/A	N/A	N/A	N/A	N/A	No obvious cracks or drains. Concrete slab over former exposed dirt, according to interviews.	N/A
	Foundation Walls	N/A	N/A	N/A	Concrete	Concrete	N/A	N/A	Concrete	Concrete, cinder blocks
	Foundation Walls Notes	N/A	N/A	N/A	None	None	N/A	N/A	No obvious cracks. One penetration.	Combination of cmu and concrete. Will confirm.
	Type of Heating System	Forced-air furnace	Forced-air furnace	Forced-air furnace	Forced-air furnace	Forced-air furnace	Forced-air furnace	Forced-air furnace	Baseboard electric	Other
	Heating System Notes	Forced-air furnace supplies the upstairs area. A ceiling-mounted electric heater supplies the downstairs area.	None	None	Furnace is in the attic and a heat pump is outside	None	None	None	None	Equivalent of a window heating and cooling unit, but installed through the wall. One in the living room, one in kitchen. Five cadet wall heaters.
	Type of Heating Fuel	Natural gas, electric	Natural gas	Natural gas	Natural gas	Natural gas	Natural gas	Natural gas	Electric	Electric
	Heating Fuel Notes	None	None	None	None	None	None	None	None	None
	Ventilation System(s)	Bathroom fan, kitchen range hood fan, central furnace	Bathroom fan, kitchen range hood fan, central furnace	Bathroom fan, kitchen range hood fan, central furnace	Bathroom fan, central furnace, attic exhaust fan, kitchen range hood fan	Bathroom fan, kitchen range hood fan, central furnace, attic exhaust fan	Bathroom fan, central furnace	Bathroom fan, kitchen range hood fan, central furnace	Kitchen range hood fan	Bathroom fans, kitchen range hood fan(s)
	Ventilation System Notes	There is an automatic exhaust fan that activates anytime the overhead doors are open for 10 or 15 minutes to prevent carbon monoxide buildup. Unknown CFM.	None	Fan in the interview room	None	None	None	None	None	Unknown whether there is an attic fan.
	Basement Sump?	N/A	N/A	N/A	N/A	N/A	N/A	N/A	No	N/A
	Sump Pump?	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Water in Sump?	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Basement Sealed?	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Neither walls nor floor sealed	N/A
	Existing Radon System in Place?	No	No	No	No	No	No	No	No	No
	Subslab Vapor Barrier in Place?	No	Unknown	Unknown—Probably no vapor barrier, based on the age of slab.	N/A	NA	Unknown	Unknown	Unknown	Unknown
	Location of Floor Drains?	None	Unknown	None	Two locations: 1) under the bar, and 2) in the kitchen	None	Four total—one in each of two bathrooms, one in the custodian room, one in the electrical room	None	Unknown	Unknown
Location of Utility Penetrations?	Location 1	NW area—water line	None. Just bathroom toilet penetrations.	None. Just bathroom toilet penetrations.	Gas comes in above grade in SE corner.	Natural gas line comes through floor in furnace room behind lobby.	Electrical room	No penetrations noted	Water line in basement	Unknown
	Location 2	No other penetrations noted	No penetrations noted	No penetrations noted	No penetrations noted	Floor-mounted heat registers	Custodian room drains	No penetrations noted	No other penetrations noted	Unknown
	Location 3	No other penetrations noted	No penetrations noted	No penetrations noted	No penetrations noted	Drains for bathrooms and sink	No other penetrations noted	No penetrations noted	No other penetrations noted	Unknown
Potential Indoor Sources-Source Materials	Gasoline Storage Cans	Yes	No	No	No	No	No	Unknown	No	No
	Gas-powered Equipment	Yes	No	No	No	No	No	Unknown	No	No
	Paints/Thinners/Strippers	Yes	Unknown	No	Outside in the shed	No	No	Unknown	No	No
	Cleaning Solvents	Yes	Yes	Yes	Yes	Yes	Yes	Unknown	Yes	Yes
	Oven Cleaners	Yes	Unknown	No	Yes	No	No	Unknown	No	No
	Insecticides	Yes	Unknown	No	No	No	No	Unknown	No	No
	Do any occupants smoke?	No	No	No	No	No	No	Unknown	Yes	No
	Notes (last time occupants smoked)	N/A	N/A	N/A	N/A	N/A	N/A	Unknown	Smokes only outside	N/A
	Does the building have an attached garage?	Yes	No	No	No	No	No	Yes	No	No
	Notes (is the car typically in the garage?)	Yes	N/A	N/A	N/A	N/A	N/A	No	N/A	N/A
	Do the occupants have items in the house dry-cleaned?	Yes	No	No	No	No	No	Unknown	No	No
	Dry-clean—if so, how often?	Weekly	N/A	N/A	N/A	N/A	N/A	Unknown	N/A	N/A
	Last time something was dry-cleaned?	Week ago	N/A	N/A	N/A	N/A	N/A	Unknown	N/A	N/A
	Do occupants use solvents at work?	No	Unknown	No	No	No	No	Unknown	No	No
	If so, what types of solvents are used?	N/A	N/A	N/A	N/A	N/A	N/A	Unknown	N/A	N/A
	If so, are clothes washed at work?	N/A	N/A	N/A	N/A	N/A	N/A	Unknown	N/A	N/A
	Have any pesticides or herbicides been applied around the building or in the yard?	Unknown	Unknown	No	No	Presumed yes. Applied by outside landscape contractors.	Outside landscapers applied something in July or August. Rootsall weed killer.	Unknown	No	Yes
	If so, what type? Frequency? Date of application?	Unknown	Unknown	N/A	N/A	Unknown	Unknown	Unknown	N/A	Green eco-friendly applied outside for spiders in the summertime.
	Has there been a fire in the building?	No	No	No	Yes	No	No	Unknown	No	No
	Fire: Notes	N/A	N/A	N/A	Approx. 20 years ago	N/A	N/A	N/A	N/A	N/A
	Painting or staining in the last six months?	No	Unknown	No	No	No	No	Unknown	No	No
	Painting/Staining Notes	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sub-Slab Sampling Ports	Location 1	Near weightlifting equipment	N/A	Outside Chief Greene's office	N/A	N/A	N/A	NW corner of mail room	Laundry room	N/A
	Location 2	Closet under stairs	N/A	Interview room	N/A	N/A	N/A	Central work station	N/A	N/A
	Location 3	East area near door to upstairs	N/A	East hallway	N/A	N/A	N/A	Central east	N/A	N/A

**Table B-2
Field Notes—Property Observations and Interview Results—July 2013**

Property	Property ID	1	5	7	9	10	11	13	24	27	28
Property	Property Address	117 N 3rd Ave—Fire Station	210 N Main Ave—Community Center	116 N Main Ave—Police Department	121 N Main Ave—Sportsman Bar & Grill	127 N Main Ave—Sales Office	201/205 N Main Ave—Post Office	305 N Main Ave	322 N 1st Ave	304 N 1st Ave	305 N 1st Ave
	Property Contact	Abe Rommel	Sean McGill	Carrie Greene	Terry Hurd	Catrina Johnson	Bob Welch	Shauna Baker	Jason Laycoe	Maureen Kerwood	Diane Geister
	Type of Occupancy	Residential	Commercial	Commercial	Commercial	Office	Office	Residential	Residential	Residential	Residential
	Year Constructed	1940s	Unknown	Building in 2000, but slab in 1970s	1929	Unknown	Unknown	Unknown	1921	Original 1910, added in 1930s and 1940s, remodeled early 2000	Unknown
Survey	Building Sq. Footage (Approx.)	2500	8250	1500	2000	1575	8250	1700	940	1400	Unknown
	Date/Time	7/29/2013	7/29/13 9:45 AM	7/29/13 9:59 AM	7/30/13 9:18 AM	7/29/13	7/29/13 1:43 PM	7/30/13 1:32 PM	N/A	7/30/13 11:17 AM	7/30/13 11:17 AM
	Bill Beadle	Yes	Yes	Yes	Yes	Yes	Yes	Yes	N/A	Yes	Yes
	Thomas Ashlon	Yes	Yes	Yes	Yes	Yes	Yes	Yes	N/A	Yes	Yes
	Mike Murray	Yes	Yes	Yes	No	No	No	Yes	N/A	No	No
	Andy Vidourek	Yes	Yes	Yes	No	No	No	No	N/A	No	No
Occupant Info	Occupancy	2 to 4	Variable Occupancy	3 to 4	200 when crowded, average of 60	3	13	One adult, four children	Two adults, one child (13-18)	Two adults, one child (13-18)	Two adults, one child (13-18)
	Foundation Type	Slab-on-grade	Slab-on-grade	Slab-on-grade	Full crawlspace	Full crawlspace	Slab-on-grade	Slab-on-grade	Partial basement and partial crawlspace	Full crawlspace	Full basement
	Foundation Notes	Some cracks visible in the slab. See photos.	None	None	None	Full crawlspace with vapor barrier on soil	None	Floating floor above slab in most of living space.	Basement: crawlspace in areas that don't have a basement.	Full crawlspace	Cracks in basement floor and foundation walls noted
	Number of Occupied Floors BELOW Grade	0	0	0	0	0	0	0	1	0	1
	Occupied Floors BELOW Grade—Notes	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Unfinished basement	N/A	Basement
	Number of Occupied Floors ABOVE Grade	2	1	1	1	1	1	2	1	1	2
	Occupied Floors ABOVE Grade—Notes	The main floor is primarily the garage and gym. The upper floor includes the living, eating, and sleeping areas.	None	None	None	None	None	None	None	None	None
	Depth of Basement Below Grade (ft)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	7-8 ft	N/A	8 ft
	Basement Size (sq ft)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	300	N/A	N/A
	Basement Floor Construction	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Concrete	N/A	Concrete
	Basement Floor Notes	N/A	N/A	N/A	N/A	N/A	N/A	N/A	No obvious cracks or drains. Concrete slab over former exposed dirt, according to interviews.	N/A	Cracks in floor
	Foundation Walls	N/A	N/A	N/A	Concrete	Concrete	N/A	N/A	Concrete	Concrete, cinder blocks	Cinder block and concrete
	Foundation Walls Notes	N/A	N/A	N/A	None	None	N/A	N/A	No obvious cracks. One penetration.	Combination of cmu and concrete. Will confirm.	N/A
	Type of Heating System	Forced-air furnace	Forced-air furnace	Forced-air furnace	Ductless heat pump system	Forced-air furnace	Forced-air furnace	Forced-air furnace	Baseboard electric	Other	Forced-air furnace
	Heating System Notes	Forced-air furnace supplies the upstairs area. A ceiling-mounted electric heater supplies the downstairs area.	None	None	Ductless heat pump system installed since last year. It replaced the furnace.	None	None	None	None	Equivalent of a window heating and cooling unit, but installed through the wall. One in the living room, one in kitchen. Five cadet wall heaters.	None
	Type of Heating Fuel	Natural gas, electric	Natural gas	Natural gas	Natural gas	Natural gas	Natural gas	Natural gas	Electric	Electric	Natural Gas
	Heating Fuel Notes	None	None	None	None	None	None	None	None	None	None
	Ventilation System(s)	Bathroom fan, kitchen range hood fan, central furnace	Bathroom fan, kitchen range hood fan, central furnace	Bathroom fan, kitchen range hood fan, central furnace	Bathroom fan, central furnace, attic exhaust fan, kitchen range hood fan	Bathroom fan, kitchen range hood fan, central furnace, attic exhaust fan	Bathroom fan, central furnace	Bathroom fan, kitchen range hood fan, central furnace	Bathroom fans, kitchen range hood fan(s)	Bathroom fans, kitchen range hood fan(s)	Bathroom fan(s), kitchen range hood fan(s)
	Ventilation System Notes	There is an automatic exhaust fan that activates anytime the overhead doors are open for 10 or 15 minutes to prevent carbon monoxide buildup. Unknown CFM.	None	Fan in the interview room	None	None	None	None	None	Unknown whether there is an attic fan.	None
	Basement Sump?	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sump Pump?	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Water in Sump?	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Basement Sealed?	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Neither walls nor floor sealed	N/A	Neither walls nor floor sealed
Existing Radon System in Place?	No	No	No	No	No	No	No	No	No	No	
Subslab Vapor Barrier in Place?	No	Unknown	Unknown—Probably no vapor barrier, based on the age of slab	N/A	NA	Unknown	Unknown	Unknown	Unknown	Unknown	
Location of Floor Drains?	None	Unknown	None	Two locations: 1) under the bar, and 2) in the kitchen	None	Four total—one in each of two bathrooms, one in the custodian room, one in the electrical room	None	Unknown	Unknown	Unknown	
Location of Utility Penetrations?	Location 1	NW area—water line	None. Just bathroom toilet penetrations	None. Just bathroom toilet penetrations	Gas comes in above grade in SE corner.	Natural gas line comes through floor in furnace room behind lobby.	Electrical room	No penetrations noted	Water line in basement	Unknown	No penetrations noted
	Location 2	No other penetrations noted	No penetrations noted	No penetrations noted	No penetrations noted	Floor-mounted heat registers	Custodian room drains	No penetrations noted	No other penetrations noted	Unknown	No penetrations noted
	Location 3	No other penetrations noted	No penetrations noted	No penetrations noted	No penetrations noted	Drains for bathrooms and sink	No other penetrations noted	No penetrations noted	No other penetrations noted	Unknown	No penetrations noted
Potential Indoor Sources—Source Materials	Gasoline Storage Cans	Yes	No	No	No	No	No	Unknown	No	No	Yes
	Gas-powered Equipment	Yes	No	No	No	No	No	Unknown	No	No	Yes
	Paints/Thinners/Strippers	Yes	Unknown	No	Outside in the shed	No	Yes	Unknown	No	No	Yes
	Cleaning Solvents	Yes	Yes	Yes	Yes	Yes	Yes	Unknown	Yes	No	Yes
	Oven Cleaners	Yes	Unknown	No	Yes	No	No	Unknown	No	Yes	No
	Insecticides	Yes	Unknown	No	No	No	No	Unknown	No	No	No
	Do any occupants smoke?	No	No	No	No	No	No	Unknown	Yes	No	Yes
Notes (last time occupants smoked)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Smokes only outside	N/A	Within 24 hours	
Does the building have an attached garage?	Yes	No	No	No	No	No	No	No	No	No	
Notes (is the car typically in the garage?)	Yes	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Do the occupants have items in the house dry-cleaned?	Yes	No	No	No	No	No	Unknown	No	Yes	No	
Dry-clean—if so, how often?	Weekly	N/A	N/A	N/A	N/A	N/A	Unknown	N/A	3-4 times per year	N/A	
Last time something was dry-cleaned?	Week ago	N/A	N/A	N/A	N/A	N/A	Unknown	N/A	N/A	N/A	
Do occupants use solvents at work?	No	Unknown	No	No	No	No	Unknown	No	No	Yes	
If so, what types of solvents are used?	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Unknown	
If so, are clothes washed at work?	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Unknown	N/A	No	
Have any pesticides or herbicides been applied around the building or in the yard?	Unknown	Unknown	No	No	Presumed yes. Applied by outside landscape contractors.	Outside landscapers applied something in July or August. Rootsall weed killer.	Unknown	No	Yes	Yes	
If so, what type? Frequency? Date of application?	Unknown	Unknown	N/A	N/A	Unknown	Unknown	Unknown	N/A	Roundup about 1 month ago in front yard	Unknown pesticide used within last month	
Has there been a fire in the building?	No	No	No	Yes	No	No	Unknown	No	No	No	
Fire: Notes	N/A	N/A	N/A	Approx. 20 years ago	N/A	N/A	N/A	N/A	N/A	N/A	
Painting or staining in the last six months?	No	Unknown	No	Yes	No	No	Unknown	No	Unknown	Yes	
Painting/staining notes	N/A	N/A	N/A	Interior was painted April through June, 2013	N/A	N/A	N/A	N/A	May have been painted before new tenant moved in	Painted much of the upstairs in March 2013 (approximately)	
Subslab Sampling Ports	Location 1	Near weightlifting equipment	East by kitchen door	Outside Chief Greene's office	N/A	N/A	NW corner of mail room	Laundry room	N/A	N/A	N/A
	Location 2	Closet under stairs	Central Closet	Interview room	N/A	N/A	Central work station	N/A	N/A	N/A	N/A
	Location 3	East area near door to upstairs	N/A	East hallway	N/A	N/A	Central east	N/A	N/A	N/A	N/A
	Location 4	N/A	N/A	N/A	N/A	N/A	By Safe	N/A	N/A	N/A	N/A
Notes	Property Notes	Information from preliminary site visit in Nov. 2012 was reviewed during July 2013 sampling visit, and no changes to property were confirmed.	Information from preliminary site visit in Nov. 2012 was reviewed during July 2013 sampling visit, and no changes to property were confirmed. Two new sub-slab sampling ports were installed in July 2013.	Information from preliminary site visit in Nov. 2012 was reviewed during July 2013 sampling visit, and no changes to property were confirmed.	Information from preliminary site visit in Nov. 2012 was reviewed during July 2013 sampling visit, and new changes include recent remodeling and changes to the heating system.	Information from preliminary site visit in Nov. 2012 was reviewed during July 2013 sampling visit, and no changes to property were confirmed.	Information from preliminary site visit in Nov. 2012 was reviewed during July 2013 sampling visit, and no changes to property were confirmed.	Information from preliminary site visit in Nov. 2012 was reviewed during July 2013 sampling visit, and no changes to property were confirmed.	Access to property for indoor air sampling was not granted during July 2013 sampling event. No updates to property were noted.	New tenant, Maureen Kerwood, confirmed updated property information.	Property was not sampled during November 2012 vapor intrusion sampling event.

**Table B-5
Field Notes—Soil Gas Sampling**

	Property ID	1	5	10	11
Site Details	Property Address	117 N 3rd Ave—Fire Station	210 N Main Ave—Community Center	127 N Main Ave—Sales Office	201/205 N Main Ave—Post Office
	Type of Occupancy	Office	Commercial	Office	Office
	Survey Team	N/A	Mike Murray, Andy Vidourek	N/A	Andy Vidourek
	Port Install Date	11/13/2012	11/14/2012	11/13/2012	11/14/2012
Port Install Details	Outdoor Temp	N/A	60	N/A	62
	Outdoor RH%	N/A	85	N/A	85
	Wind Speed (MPH)	N/A	3	N/A	6
	Wind Direction	N/A	N	N/A	NNW
	Significant Precipitation in Last 24 Hrs?	No	No	No	No
	Ground Cover Outside Building	Asphalt concrete	Asphalt concrete	Asphalt concrete	Asphalt concrete
	Soil-Gas Port ID	1-SG-01	5-SG-01	10-SG-01	11-SG-01
Port Depth	6 ft bgs	6 ft bgs	5.5 ft bgs	6 ft bgs	
Depth to GW	GW not encountered during install	GW not encountered during install	4 ft bgs	GW not encountered during install	
Sampling Details - Nov. 2012	Location 1	1-SG-01	5-SG-01	10-SG-01	11-SG-01
	Sample ID No.	1-SG1-111512	5-SG1-111512	N/A	11-SG1-111612
	Canister/Regulator No.	36476	33727	N/A	12040
	Regulator Setting	30-min	30-min	N/A	30-min
	Start Date/Time	11/15/12 8:35 AM	11/15/12 10:17 AM	N/A	11/16/12 7:26 AM
	Stop Date/Time	11/15/12 9:21 AM	11/15/12 10:58 AM	N/A	11/16/12 8:10 AM
	Vacuum Gauge Start (in Hg)	-30	-28	N/A	-29
	Vacuum Gauge Final (in Hg)	-4.8	-4.5	N/A	-4.5
	Observations	None	None	Not sampled during November 2012 sampling event because of shallow GW level.	None
Sampling Details - July 2013	Location 1	1-SG-01	5-SG-01	10-SG-01	11-SG-01
	Sample ID No.	N/A	5-SG1-073013	N/A	11-SG1-073113
	Canister/Regulator No.	N/A	37786	N/A	37414
	Regulator Setting	N/A	30-min	N/A	30-min
	Start Date/Time	N/A	7/30/13 9:19 AM	N/A	7/31/13 10:27 AM
	Stop Date/Time	N/A	7/30/13 10:00 AM	N/A	7/31/13 11:03 AM
	Vacuum Gauge Start (in Hg)	N/A	-30	N/A	-29
	Vacuum Gauge Final (in Hg)	N/A	-5	N/A	-4
Observations	Not sampled during July 2013 sampling event because of shallow GW level.	None	Not sampled during July 2013 sampling event because of shallow GW level.	None	

**Table B-5
Field Notes—Soil Gas Sampling**

Site Details	Property ID	13	24	27	28
	Property Address	305 N Main Ave	322 N 1st Ave	304 N 1st Ave	305 N 1st Ave
	Type of Occupancy	Residential	Residential	Residential	Residential
	Survey Team	Mike Murray, Andy Vidourek	Mike Murray, Andy Vidourek	Andy Vidourek	Mike Murray, Andy Vidourek
Port Install Details	Port Install Date	11/13/2012	11/13/2012	11/13/2012	7/29/2013
	Outdoor Temp	70	74	71	74
	Outdoor RH%	72	66	66	66
	Wind Speed (MPH)	2	3	5	3
	Wind Direction	NW	NW	NNW	NW
	Significant Precipitation in Last 24 Hrs?	No	No	No	No
	Ground Cover Outside Building	Grass	Grass	Grass	Grass
	Soil-Gas Port ID	13-SG-01	24-SG-01	27-SG-01	28-SG-01
Port Depth	6 ft bgs	6 ft bgs	6 ft bgs	5 ft bgs	
Depth to GW	GW not encountered during install	GW not encountered during install	GW not encountered during install	6 ft bgs	
Sampling Details - Nov. 2012	Location 1	13-SG-01	24-SG-01	27-SG-01	N/A
	Sample ID No.	13-SG1-111512	24-SG1-111512	27-SG1-111512	N/A
	Canister/Regulator No.	30818	97101	36414	N/A
	Regulator Setting	30-min	30-min	30-min	N/A
	Start Date/Time	11/15/12 11:34 AM	11/15/12 12:35 PM	11/15/12 11:38 AM	N/A
	Stop Date/Time	11/15/12 12:15 PM	11/15/12 1:16 PM	11/15/12 12:26 PM	N/A
	Vacuum Gauge Start (in Hg)	-27	-28	-30	N/A
	Vacuum Gauge Final (in Hg)	-4	-4	-4	N/A
	Observations	None	None	None	Port installed in July 2013
Sampling Details - July 2013	Location 1	13-SG-01	24-SG-01	27-SG-01	28-SG-01
	Sample ID No.	13-SG1-073013	24-SG1-073013	27-SG1-072913	28-SG1-073013
	Canister/Regulator No.	9311	36374	37341	1348
	Regulator Setting	30-min	30-min	30-min	30-min
	Start Date/Time	7/30/13 1:13 PM	7/30/13 2:49 PM	7/29/13 3:22 PM	7/30/13 2:30 PM
	Stop Date/Time	7/30/13 1:54 PM	7/30/13 3:37 PM	7/29/13 4:08 PM	7/30/13 3:17 PM
	Vacuum Gauge Start (in Hg)	-30	-29.5	-30	-30
	Vacuum Gauge Final (in Hg)	-4	-4.5	-4	-5
Observations	None	None	None	None	

**Table B-5
Field Notes—Soil Gas Sampling**

	Property ID	44	45	46
Site Details	Property Address	122 N Main Ave—Vacant Lot—Former Park Laundry	126 N Main Ave—Vacant Lot—Laundry Adjacent Property	Main Ave/Mill Street—Vacant Lot
	Type of Occupancy	Vacant Lot	Vacant Lot	Vacant Lot
	Survey Team	Andy Vidourek	Andy Vidourek	Mike Murray, Andy Vidourek
	Port Install Date	11/13/2012	11/13/2012	11/13/2012
Port Install Details	Outdoor Temp	60	60	60
	Outdoor RH%	89	89	85
	Wind Speed (MPH)	6	5	4
	Wind Direction	NNW	NNW	NNW
	Significant Precipitation in Last 24 Hrs?	No	No	No
	Ground Cover Outside Building	Grass	Grass	Grass
	Soil-Gas Port ID	44-SG-01	45-SG-01	46-SG-01
	Port Depth	5.5 ft bgs	6 ft bgs	6 ft bgs
Sampling Details - Nov. 2012	Depth to GW	4.5 ft bgs	GW not encountered during install	GW not encountered during install
	Location 1	44-SG-01	45-SG-01	46-SG-01
	Sample ID No.	N/A	45-SG1-111512	46-SG1-111512
	Canister/Regulator No.	N/A	37750	37749
	Regulator Setting	N/A	30-min	30-min
	Start Date/Time	N/A	11/15/12 9:10 AM	11/15/12 10:20 AM
	Stop Date/Time	N/A	11/15/12 9:52 AM	11/15/12 11:08 AM
	Vacuum Gauge Start (in Hg)	N/A	-30	-30
	Vacuum Gauge Final (in Hg)	N/A	-4.4	-3.5
	Observations	Not sampled during November 2012 sampling event because of shallow GW level.	On first attempt, canister 34091 had only -5 inches vacuum. Swapped out canister and tried again. Second canister operated well.	None
Sampling Details - July 2013	Location 1	44-SG-01	45-SG-01	46-SG-01
	Sample ID No.	44-SG1-073113	45-SG1-073113	46-SG1-073013
	Canister/Regulator No.	37717	37697	33400
	Regulator Setting	30-min	30-min	30-min
	Start Date/Time	7/31/13 9:17 AM	7/31/13 8:54 AM	7/30/13 9:10 AM
	Stop Date/Time	7/31/13 10:00 AM	7/31/13 9:32 AM	7/30/13 9:48 AM
	Vacuum Gauge Start (in Hg)	-30	-29	-29
	Vacuum Gauge Final (in Hg)	-4	-5	-5
Observations	None	None	None	

Table B-6
Field Notes—Outdoor Background Air

Property Details	Property ID	OA1	OA2	OA3
	Location	Living Center—behind entrance sign	Behind El Rancho Viejo Restaurant	Davis Park
	Survey Team	Bill Beadie, Thomas Ashton	Bill Beadie, Thomas Ashton	Bill Beadie, Thomas Ashton
Nov. 2012 Background Sample 1	Outdoor Temperature	39-56°F	39-56°F	39-56°F
	Outdoor RH%	63-97%	63-97%	63-97%
	Wind Speed Average	2 MPH	2 MPH	2 MPH
	Wind Direction Average	From north	From north	From north
	Significant Precipitation in the Last 24 Hrs?	No	No	No
	Sample ID	OA1-111512	OA2-111512	OA3-111512
	Canister/Regulator No.	20938	34485	33938
	Regulator Setting	24-HR	24-HR	24-HR
	Start Date/Time	Thursday, November 15, 2012, 09:37 AM	Thursday, November 15, 2012, 09:27 AM	Thursday, November 15, 2012, 09:18 AM
	Stop Date/Time	Friday, November 16, 2012, 08:47 AM	Friday, November 16, 2012, 08:57 AM	Friday, November 16, 2012, 09:04 AM
	Vacuum Gauge Start (in. Hg)	-29.5	-30	-30
	Vacuum Gauge Final (in. Hg)	-5	0	-5
	Observations	None	0 inches of vacuum remaining after 24hr.	None
Nov. 2012 Background Sample 2	Outdoor Temperature	40-50°F	40-50°F	40-50°F
	Outdoor RH%	85-97%	85-97%	85-97%
	Wind Speed Average	1.1 MPH	1.1 MPH	1.1 MPH
	Wind Direction Average	From east	From east	From east
	Significant Precipitation in the Last 24 Hrs?	Yes	Yes	Yes
	Sample ID	OA1-111612	OA2-111612	OA3-111612
	Canister/Regulator No.	31435	9417	9925
	Regulator Setting	24-HR	24-HR	24-HR
	Start Date/Time	Friday, November 16, 2012, 08:50 AM	Friday, November 16, 2012, 08:59 AM	Friday, November 16, 2012, 09:06 AM
	Stop Date/Time	Saturday, November 17, 2012, 09:22 AM	Saturday, November 17, 2012, 09:22 AM	Saturday, November 17, 2012, 11:43 AM
	Vacuum Gauge Start (in. Hg)	-29	-30	-30
	Vacuum Gauge Final (in. Hg)	-4.5	0	-5
	Observations	Rain overnight, sampling inlet protected by funnel.	Rain overnight, sampling inlet protected by funnel. 0 inches of vacuum remaining after 24hr.	Rain overnight, sampling inlet protected by funnel.
July 2013 Background Sample 1	Outdoor Temperature	62	62	62
	Outdoor RH%	74	74	76
	Wind Speed Average	4.7 MPH	4.7 MPH	4.7 MPH
	Wind Direction Average	From NW	From NW	From NW
	Significant Precipitation in the Last 24 Hrs?	No	No	No
	Sample ID	OA1-072913	OA2-072913	OA3-072913
	Canister/Regulator No.	5361	32109	10988
	Regulator Setting	24-HR	24-HR	24-HR
	Start Date/Time	7/29/13 11:32 AM	7/29/13 11:25 AM	7/29/13 11:17 AM
	Stop Date/Time	7/30/13 11:28 AM	7/30/13 9:38 AM	7/30/13 12:56 PM
	Vacuum Gauge Start (in. Hg)	-30	-29.5	-29
	Vacuum Gauge Final (in. Hg)	-5	-5	-5
	Observations	None	None	None
July 2013 Background Sample 2	Outdoor Temperature	69	70	70
	Outdoor RH%	71	72	72
	Wind Speed Average	6.1 MPH	6.1 MPH	6.1 MPH
	Wind Direction Average	From NW	From NW	From NW
	Significant Precipitation in the Last 24 Hrs?	No	No	No
	Sample ID	OA1-073013	OA2-073013	OA3-073013
	Canister/Regulator No.	34496	34198	12957
	Regulator Setting	24-HR	24-HR	24-HR
	Start Date/Time	7/30/13 1:05 PM	7/30/13 1:15 PM	7/30/13 1:22 PM
	Stop Date/Time	7/31/13 12:15 PM	7/31/13 2:33 PM	7/31/13 3:13 PM
	Vacuum Gauge Start (in. Hg)	-30	-29.5	-30
	Vacuum Gauge Final (in. Hg)	-5	-4	-5
	Observations	None	None	None



PHOTOGRAPHS

Project Name: Former Park Laundry Site

Project Number: 8006.31.03

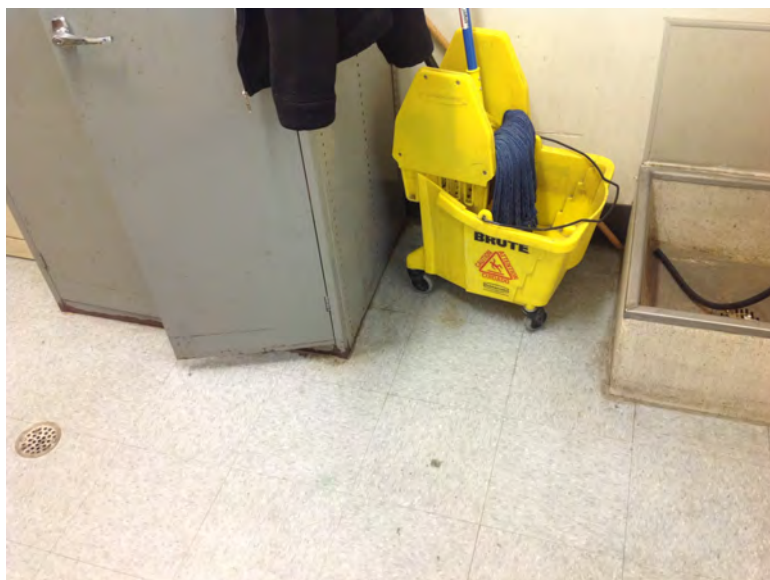
Location: Ridgefield, WA

INDOOR AIR—PRELIMINARY VISIT

Photograph 1. Storage closet at the Fire Station, November 2012.



Photograph 2. Floor penetrations in the custodial closet of the Post Office, November 2012.





PHOTOGRAPHS

Project Name: Former Park Laundry Site
Project Number: 8006.31.03
Location: Ridgefield, WA

Photograph 3. Basement at 322 N 1st Avenue, November 2012.



Photograph 4. Using the Hapsite GC/MS to locate indoor sources of the chemicals of concern, November 2012.





PHOTOGRAPHS

Project Name: Former Park Laundry Site
Project Number: 8006.31.03
Location: Ridgefield, WA

INDOOR AIR—SAMPLING

Photograph 5. Indoor air sampling at the Fire Station, November 2012.



Photograph 6. Indoor air sampling at the Sportsman Bar & Grill, November 2012.





PHOTOGRAPHS

Project Name: Former Park Laundry Site

Project Number: 8006.31.03

Location: Ridgefield, WA

Photograph 7. Air sampling of the crawlspace under the Sales Office, November 2012.



Photograph 8. Indoor air sampling in the living room of 304 N 1st Avenue, November 2012.





PHOTOGRAPHS

Project Name: Former Park Laundry Site
Project Number: 8006.31.03
Location: Ridgefield, WA

OUTDOOR BACKGROUND

Photograph 9. Outdoor background air sampling at the Living Center, November 2012.



SOIL GAS—PORT INSTALL

Photograph 10. Installed soil gas sampling port outside the Fire Station, November 2012.





PHOTOGRAPHS

Project Name: Former Park Laundry Site
Project Number: 8006.31.03
Location: Ridgefield, WA

Photograph 11. Installed soil gas sampling port outside the Fire Station, November 2012.



Photograph 12. Installing a soil gas sampling port outside the residence at 304 N 1st Avenue, November 2012.





PHOTOGRAPHS

Project Name: Former Park Laundry Site
Project Number: 8006.31.03
Location: Ridgefield, WA

Photograph 13. Installed soil gas sampling port outside the residence at 322 N 1st Avenue, November 2012.



SOIL GAS—SAMPLING

Photograph 14. Soil gas sampling setup, November 2012.





PHOTOGRAPHS

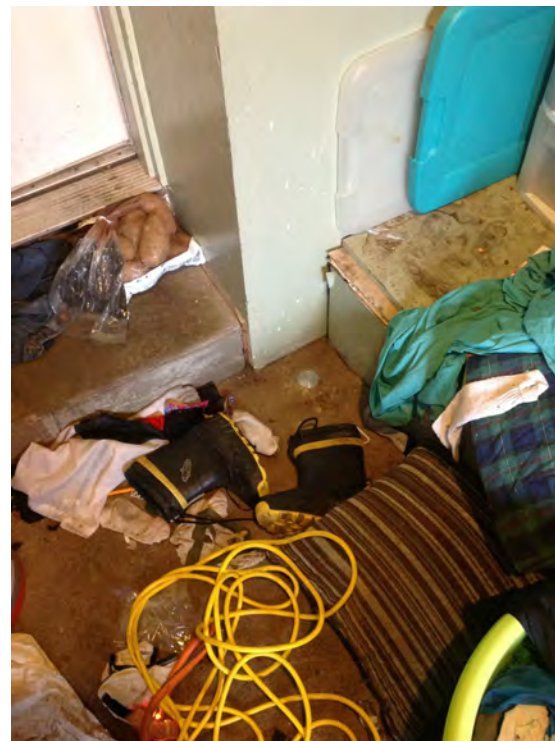
Project Name: Former Park Laundry Site
Project Number: 8006.31.03
Location: Ridgefield, WA

Photograph 15. Soil gas sampling at the Fire Station, November 2012.



SUBSLAB

Photograph 16. Subslab port installed at 305 N Main Avenue, November 2012.

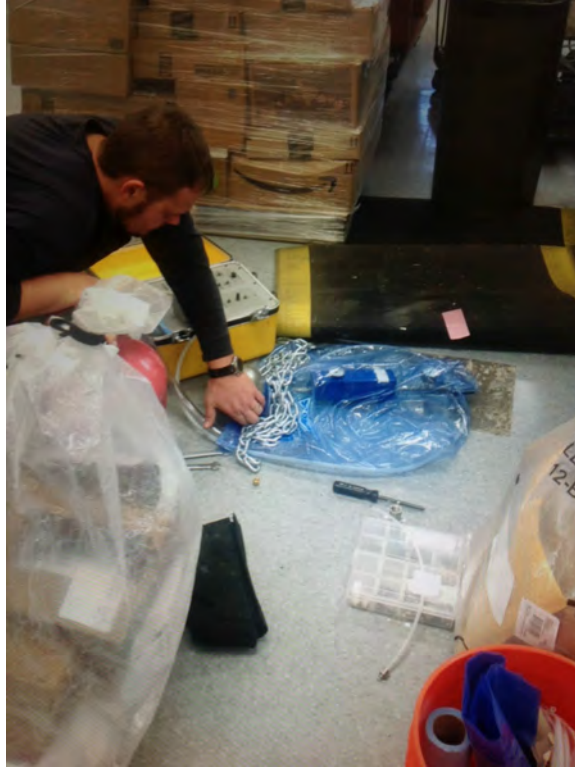




PHOTOGRAPHS

Project Name: Former Park Laundry Site
Project Number: 8006.31.03
Location: Ridgefield, WA

Photograph 17. Subslab sampling at the Post Office, November 2012.



Photograph 18. Installed subslab port in the interrogation room of the Police Department, November 2012.





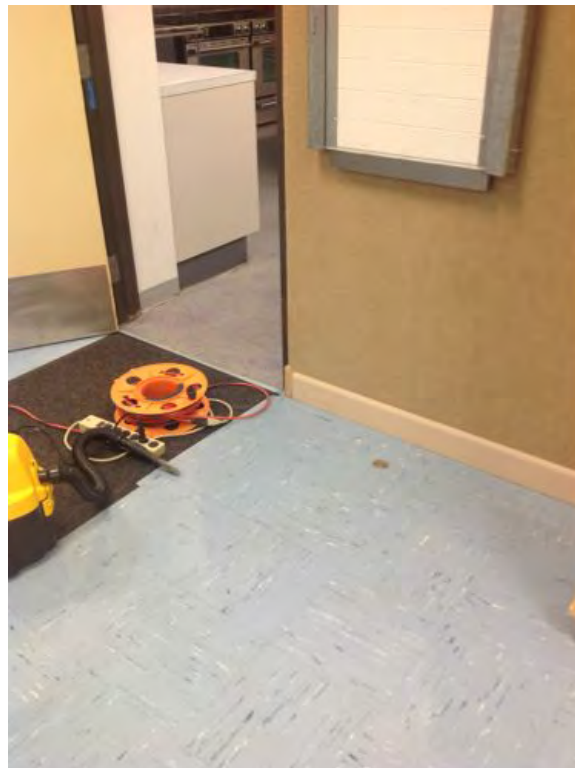
PHOTOGRAPHS

Project Name: Former Park Laundry Site
Project Number: 8006.31.03
Location: Ridgefield, WA

Photograph 19. Subslab sampling setup, November 2012.



Photograph 20. Installed subslab sampling port at the Ridgefield Community Center, July 2013.





PHOTOGRAPHS

Project Name: Former Park Laundry Site

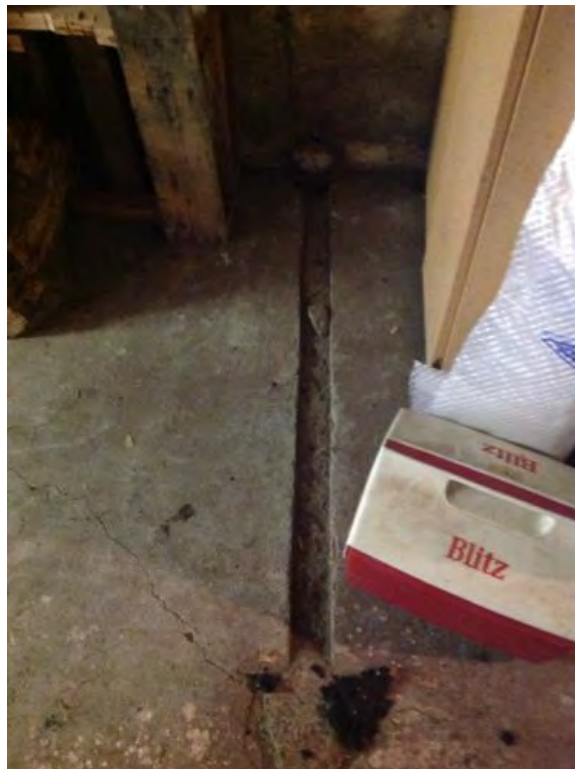
Project Number: 8006.31.03

Location: Ridgefield, WA

Photograph 21. Foundational cracks in the walls of the basement at 305 N 1st Avenue, July 2013.



Photograph 22. Gap between the first and second foundational slabs in the basement of 305 N 1st Avenue, July 2013.





PHOTOGRAPHS

Project Name: Former Park Laundry Site

Project Number: 8006.31.03

Location: Ridgefield, WA

Photograph 23. Skylights with roof vents in second floor of 305 N 1st Avenue, July 2013.



Photograph 24. Indoor air sampling on the main floor of 305 N 1st Avenue, July 2013.





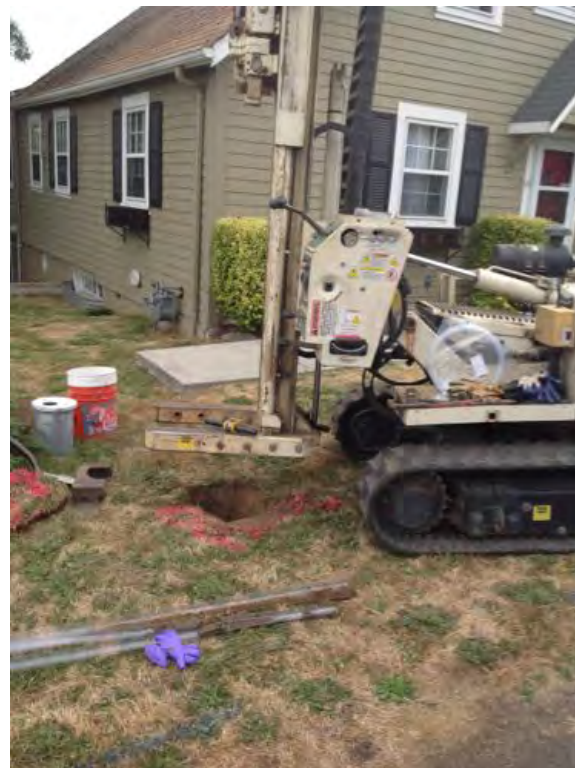
PHOTOGRAPHS

Project Name: Former Park Laundry Site
Project Number: 8006.31.03
Location: Ridgefield, WA

Photograph 25. Subslab sampling at the Community Center, July 2013.



Photograph 26. Installation of soil gas sampling port at 305 N 1st Avenue, July 2013.





PHOTOGRAPHS

Project Name: Former Park Laundry Site
Project Number: 8006.31.03
Location: Ridgefield, WA

Photograph 27. Installed soil gas sampling port at 305 N 1st Avenue, July 2013.



Photograph 28. Soil gas sampling at 304 N 1st Avenue, July 2013.

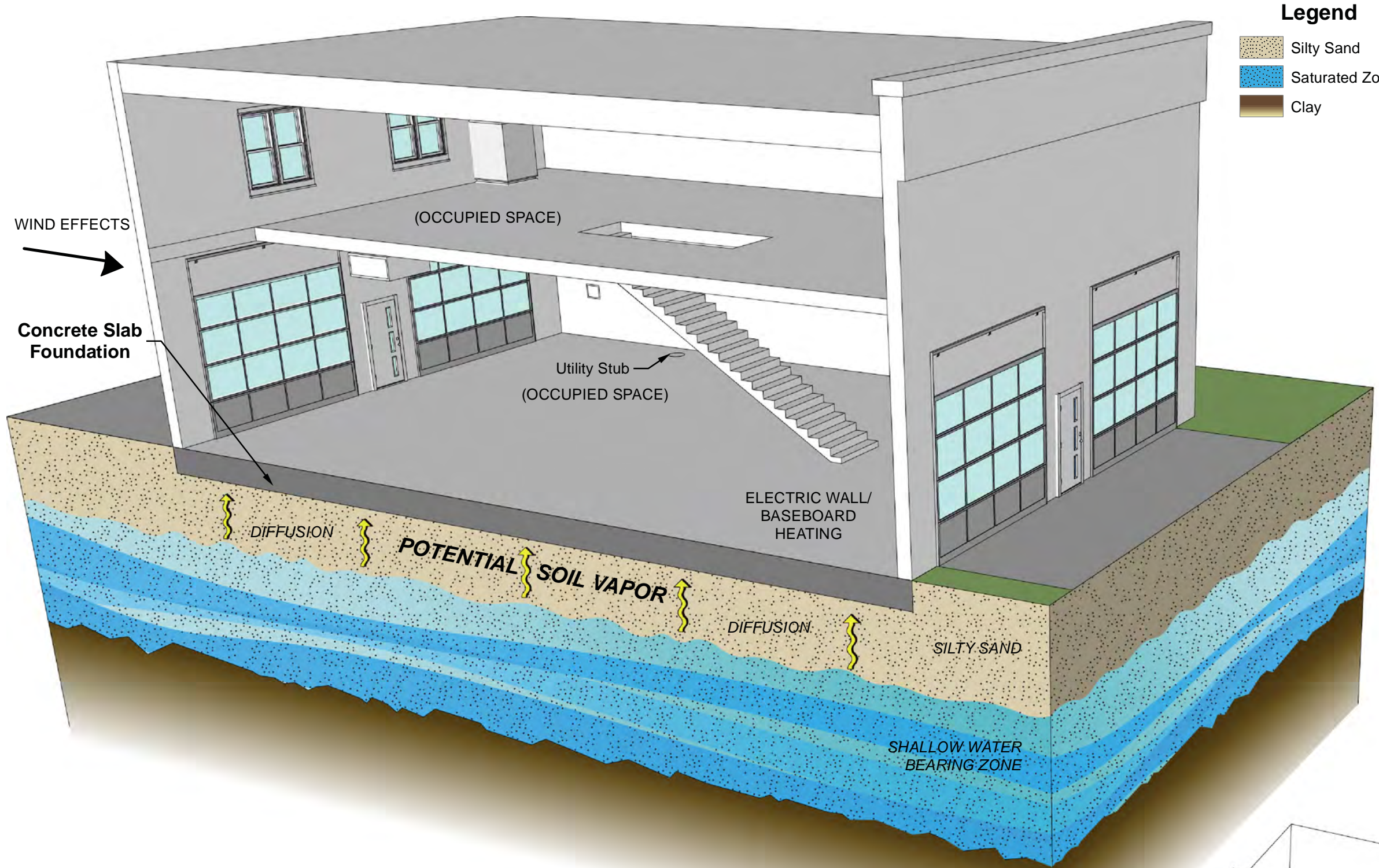


APPENDIX C

CONCEPTUAL SITE MODELS



Path: X:\8006.31\Projects\05 - Vapor Intrusion CSM Models\Fig_CSM Clark County Fire and Rescue.mxd
 Produced By: J. Schane/C. Riley
 Approved By: M. D'Andrea
 Print Date: 9/17/2013
 Project: 8006.31



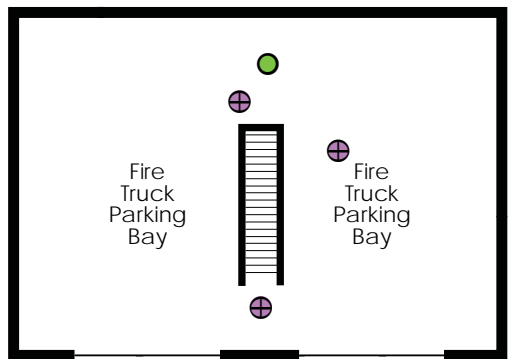
Legend

- Silty Sand
- Saturated Zone
- Clay

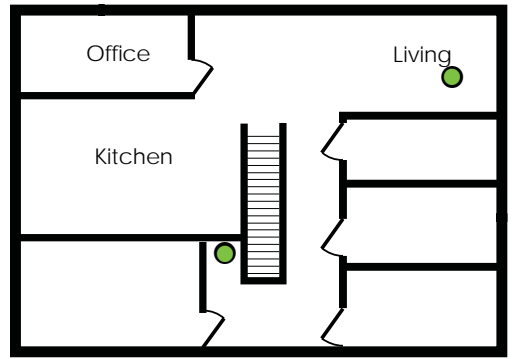
**Conceptual Site Model
 Clark County Fire & Rescue
 Station 24
 117 N 3rd Ave**

Vapor Intrusion Investigation
 Former Park Laundry
 Ridgefield, Washington

**Floorplan
 1st Floor**



2nd Floor



- = Indoor Air Sample Location
- = Subslab Sample Location

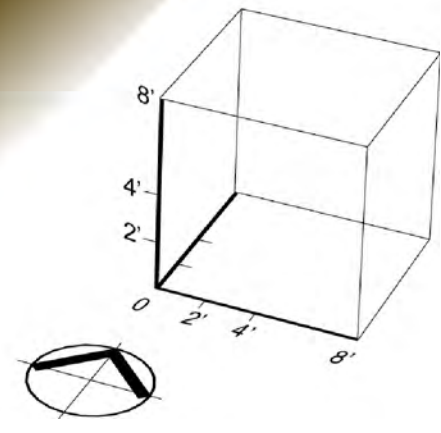
Note: Building model is a representation of the actual structure and is approximate in proportion and shape.

Proximity Monitoring Well Data:

MW01	
PCE Concentration:	8.38 ug/L (April 2012)
	9.67 ug/L (June 2013)
TCE Concentration:	0.087 U ug/L (March 2012)
	0.0870 U ug/L (June 2013)
Depth to Groundwater:	3.11 ft (March 2012)
	6.12 ft (July 2013)

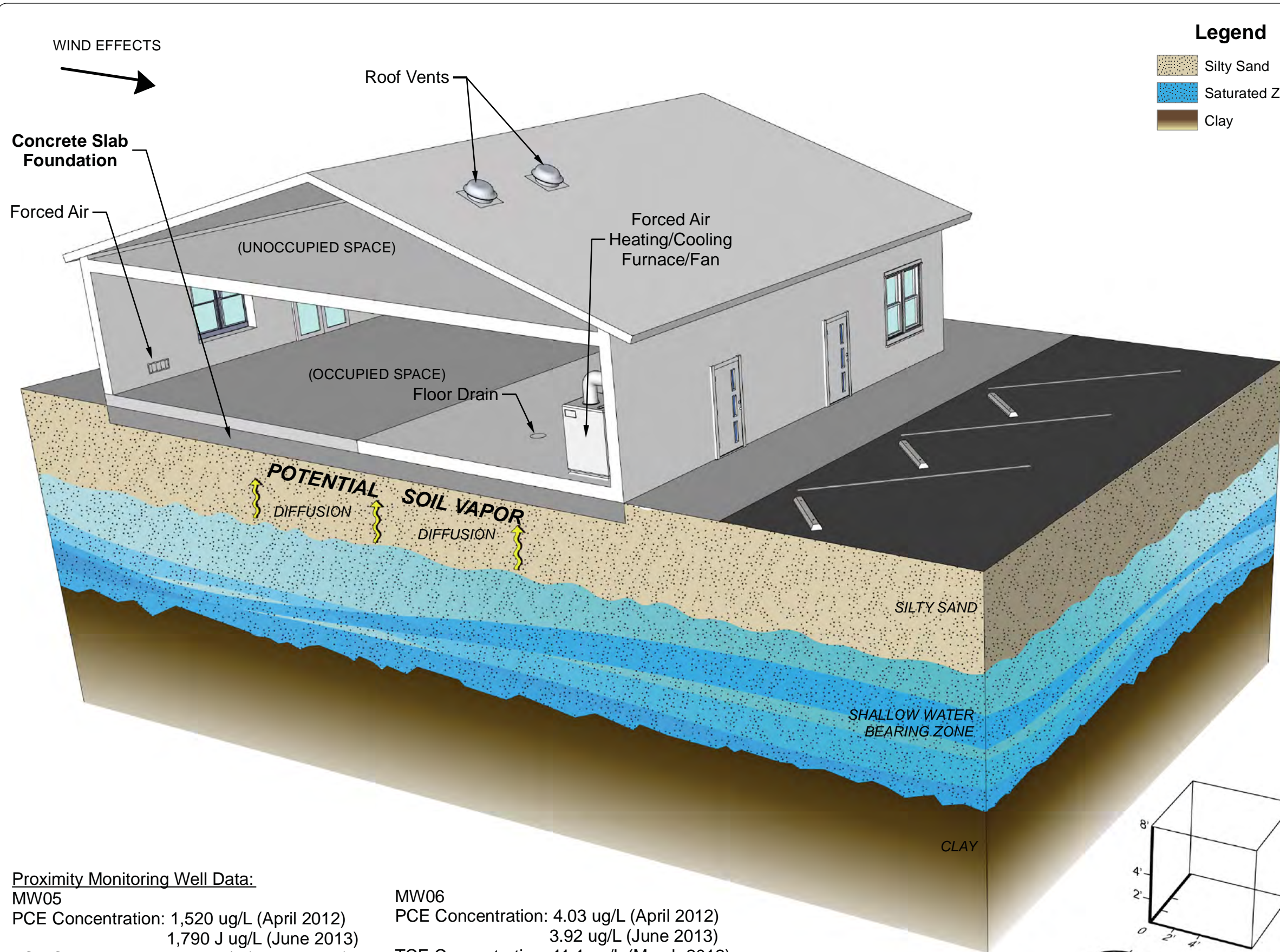
Building Characteristics:

Date of Construction:	1940
Material of Construction:	Concrete
Type of Foundation:	Concrete Slab
Heating System:	Electric Wall/Baseboard
Roof Vents:	No






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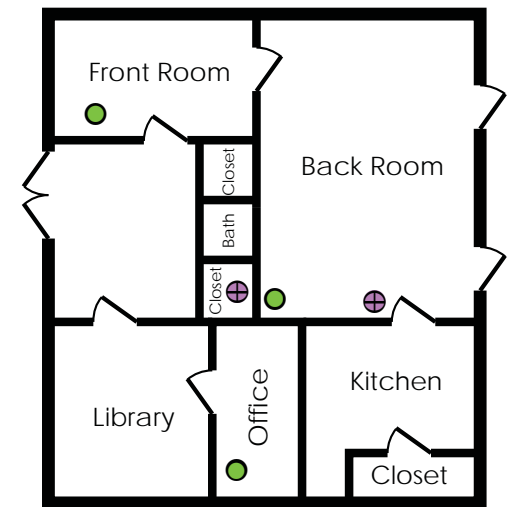
Legend



-  Silty Sand
-  Saturated Zone
-  Clay

**Conceptual Site Model
Ridgefield Community Center
210 N Main Ave**

Vapor Intrusion Investigation
Former Park Laundry
Ridgefield, Washington

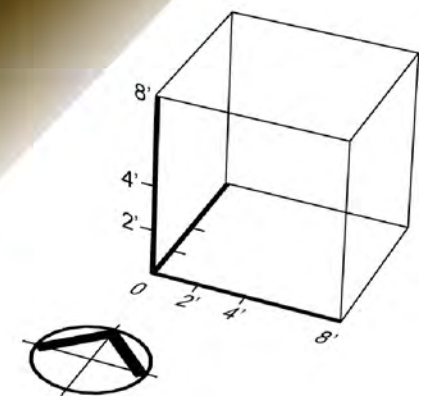
Floorplan



-  = Indoor Air Sample Location
-  = Subslab Sample Location

Building Characteristics:
 Date of Construction: 1993
 Material of Construction: Wood
 Type of Foundation: Concrete Slab
 Heating System: Forced Air/Heat Pump
 Roof Vents: Yes

Note: Building model is a representation of the actual structure and is approximate in proportion and shape.



Proximity Monitoring Well Data:

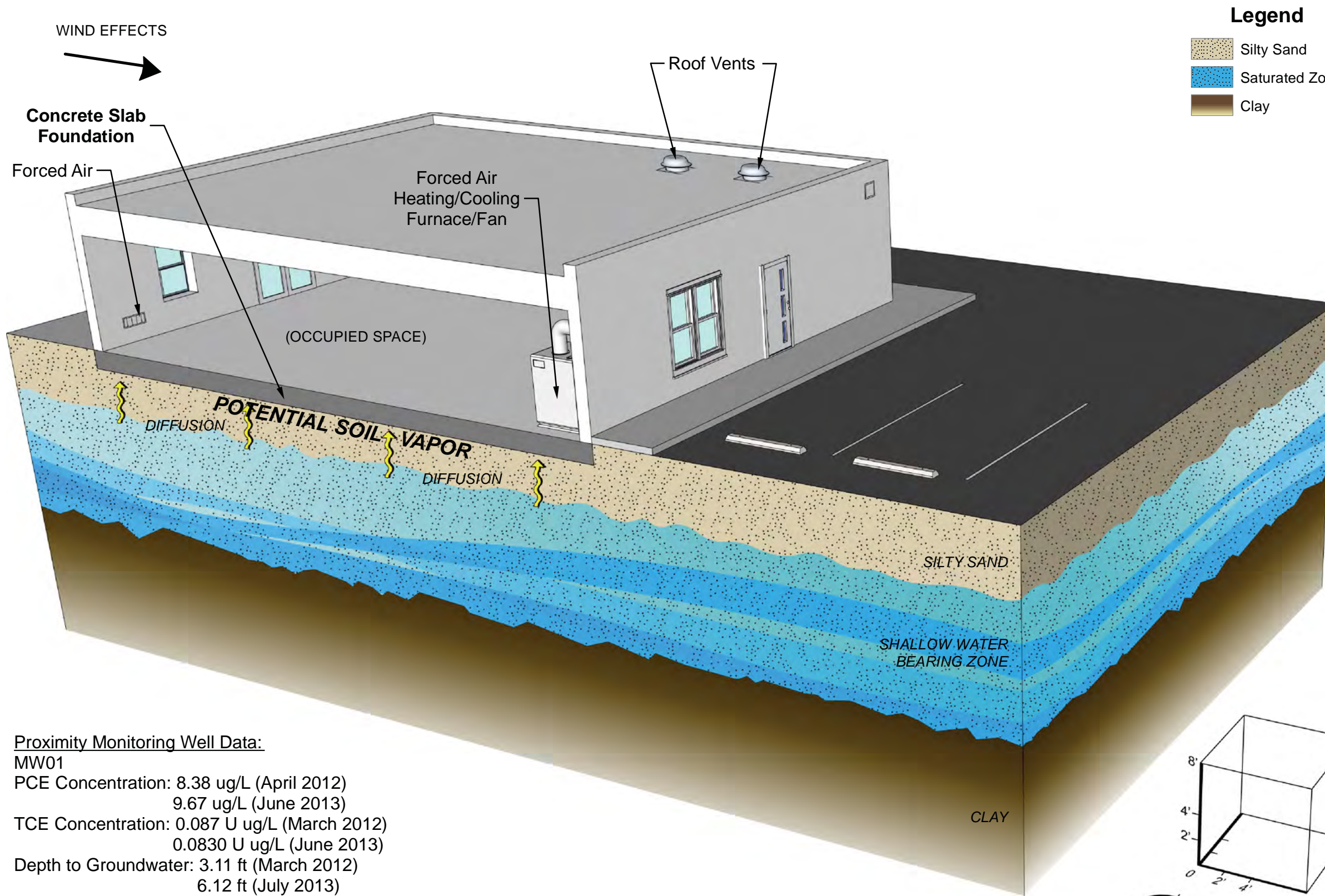
MW05
 PCE Concentration: 1,520 ug/L (April 2012)
 1,790 J ug/L (June 2013)
 TCE Concentration: 2.22 ug/L (March 2012)
 2.7 ug/L (June 2013)
 Depth to Groundwater: 6.19 ft (March 2012)
 8.88 ft (July 2013)

MW06
 PCE Concentration: 4.03 ug/L (April 2012)
 3.92 ug/L (June 2013)
 TCE Concentration: 11.1 ug/L (March 2012)
 6.61 ug/L (June 2013)
 Depth to Groundwater: 7.45 ft (March 2012)
 8.9 ft (July 2013)






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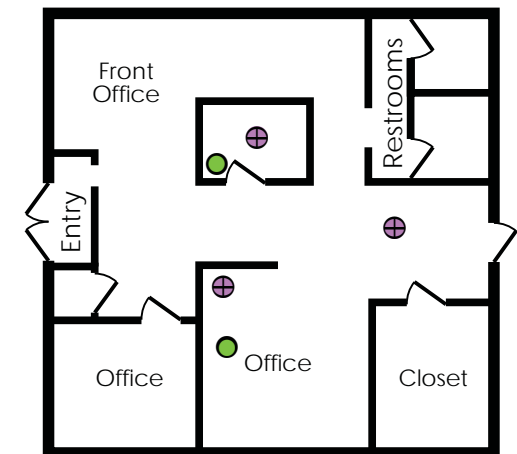
Legend



-  Silty Sand
-  Saturated Zone
-  Clay

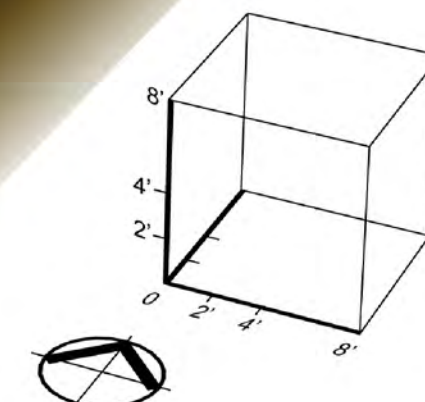
**Conceptual Site Model
Ridgefield Police Department
116 N Main Ave**

Vapor Intrusion Investigation
Former Park Laundry
Ridgefield, Washington

Floorplan



-  = Indoor Air Sample Location
-  = Subslab Sample Location



Proximity Monitoring Well Data:

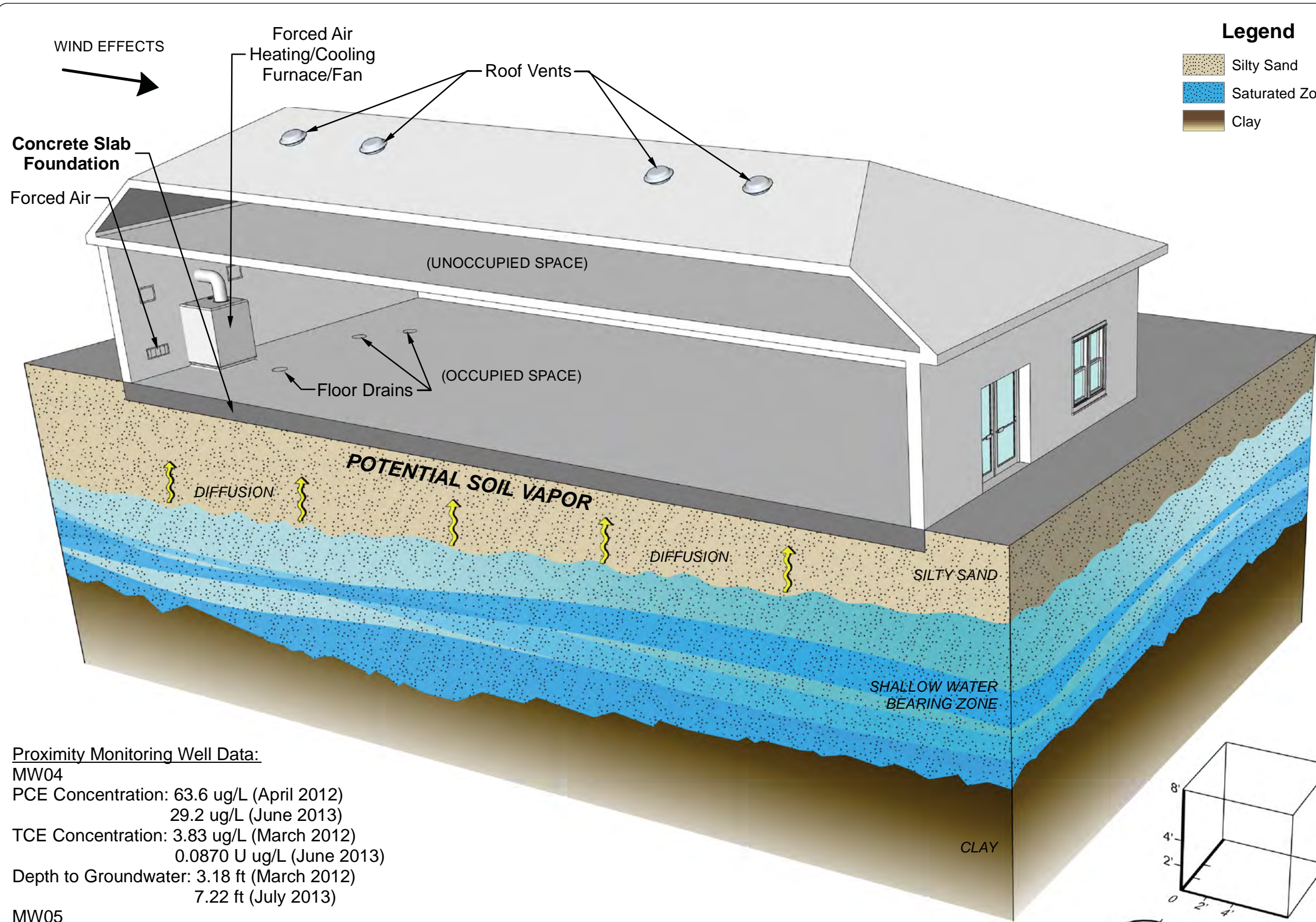
MW01
 PCE Concentration: 8.38 ug/L (April 2012)
 9.67 ug/L (June 2013)
 TCE Concentration: 0.087 U ug/L (March 2012)
 0.0830 U ug/L (June 2013)
 Depth to Groundwater: 3.11 ft (March 2012)
 6.12 ft (July 2013)

MW02
 PCE Concentration: 0.88 J ug/L (April 2012)
 0.320 J ug/L (June 2013)
 TCE Concentration: 0.087 U ug/L (March 2012)
 0.0870 U ug/L (June 2013)
 Depth to Groundwater: 1.6 ft (March 2012)
 7.11 ft (July 2013)

Building Characteristics:

Date of Construction: 2001
 Material of Construction: Wood
 Type of Foundation: Concrete Slab
 Heating System: Forced Air/Central Air System
 Roof Vents: Yes

Note: Building model is a representation of the actual structure and is approximate in proportion and shape.



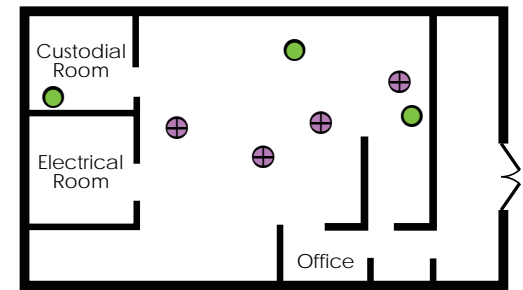
Legend



-  Silty Sand
-  Saturated Zone
-  Clay

**Conceptual Site Model
Ridgefield Post Office
201-205 N Main Ave**

Vapor Intrusion Investigation
Former Park Laundry
Ridgefield, Washington

Floorplan



-  = Indoor Air Sample Location
-  = Subslab Sample Location

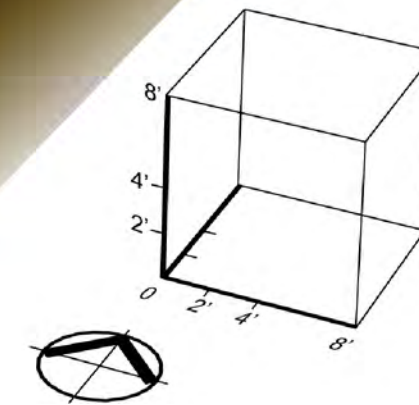
Proximity Monitoring Well Data:

MW04
 PCE Concentration: 63.6 ug/L (April 2012)
 29.2 ug/L (June 2013)
 TCE Concentration: 3.83 ug/L (March 2012)
 0.0870 U ug/L (June 2013)
 Depth to Groundwater: 3.18 ft (March 2012)
 7.22 ft (July 2013)

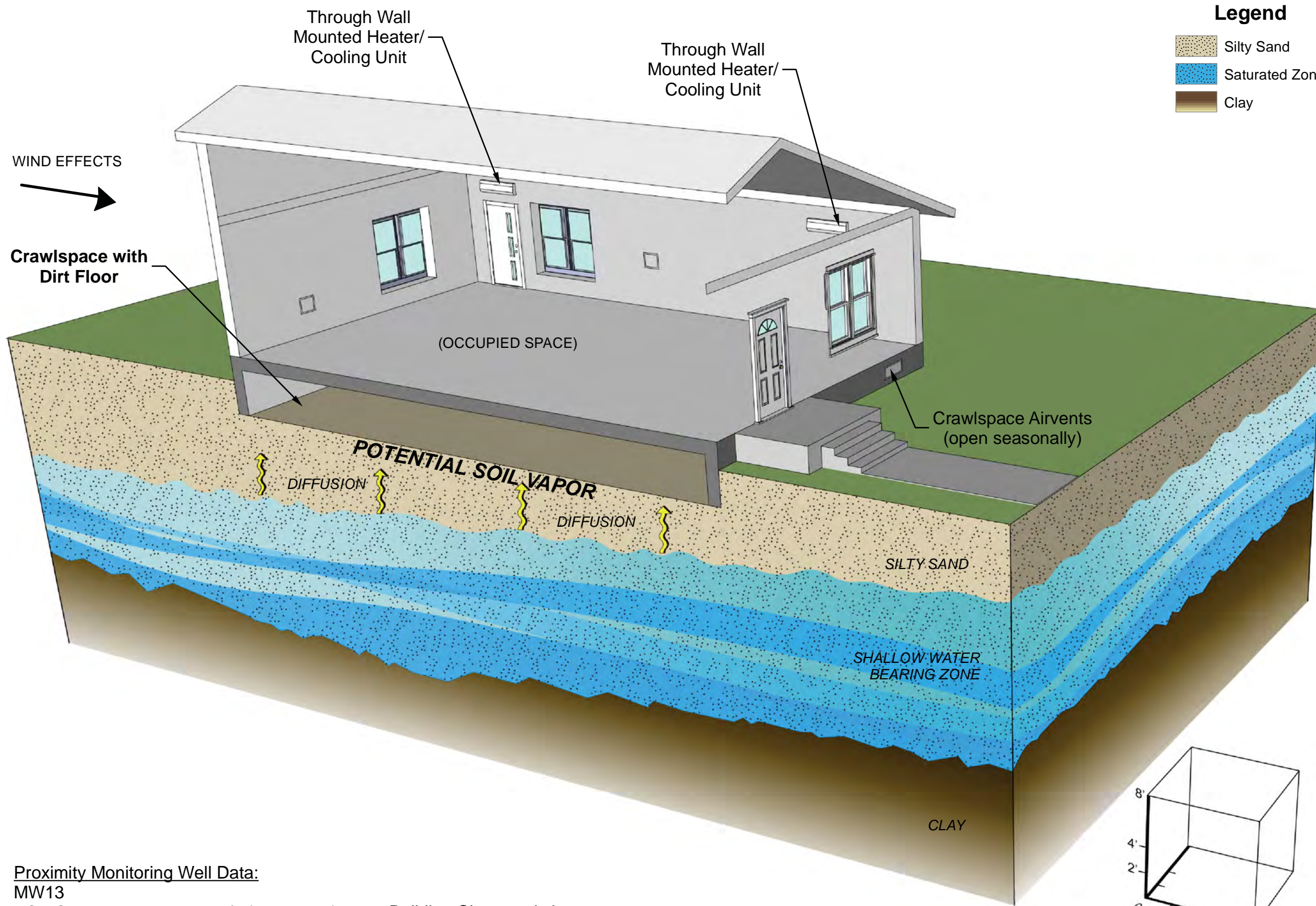
MW05
 PCE Concentration: 1,520 ug/L (April 2012)
 1,790 J ug/L (June 2013)
 TCE Concentration: 2.22 ug/L (March 2012)
 2.70 ug/L (June 2013)
 Depth to Groundwater: 6.19 ft (March 2012)
 8.88 ft (July 2013)

Building Characteristics:

Date of Construction: 1999
 Material of Construction: Wood
 Type of Foundation: Concrete Slab
 Heating System: Forced Air/Central Air Conditioning
 Roof Vents: Yes



Note: Building model is a representation of the actual structure and is approximate in proportion and shape.



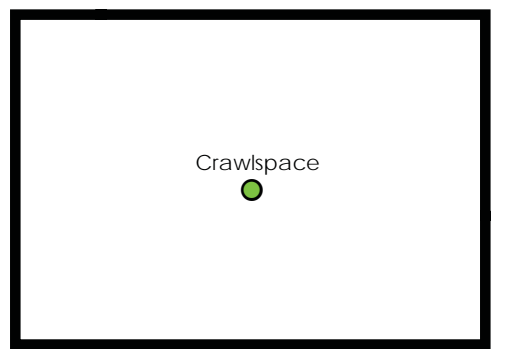
Legend

- Silty Sand
- Saturated Zone
- Clay

**Conceptual Site Model
Private Residence
304 N 1st Ave**

Vapor Intrusion Investigation
Former Park Laundry
Ridgefield, Washington

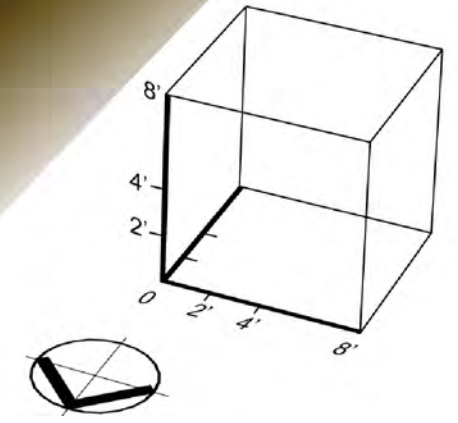
Floorplan



● = Indoor Air Sample Location

Proximity Monitoring Well Data:
MW13
 PCE Concentration: 447 ug/L (April 2012)
 114 ug/L (June 2013)
 TCE Concentration: 65.4 ug/L (March 2012)
 21 ug/L (June 2013)
 Depth to Groundwater: 6 ft (March 2012)
 8.72 ft (July 2013)

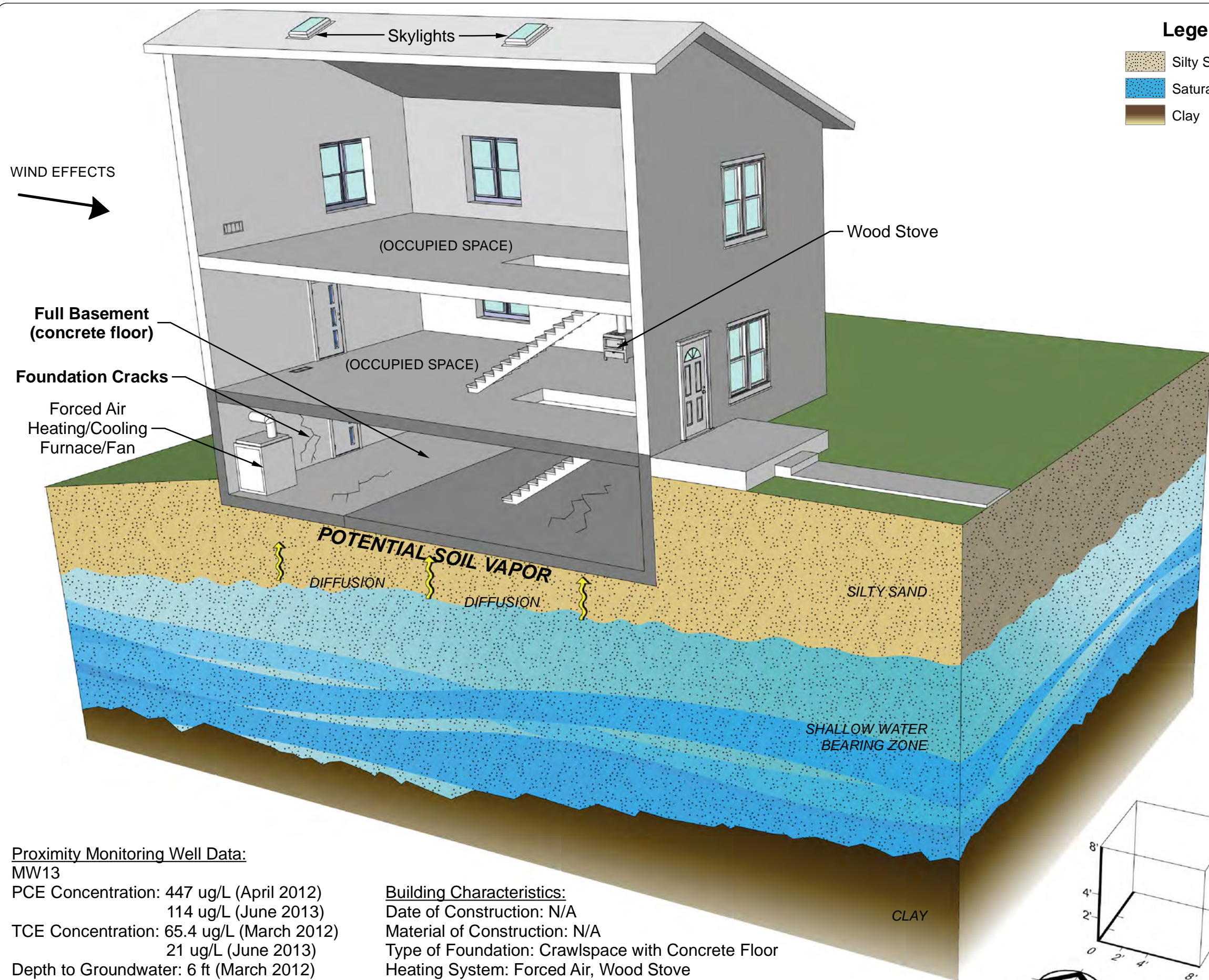
Building Characteristics:
 Date of Construction: 1920
 Material of Construction: Wood
 Type of Foundation: Crawlspace with Concrete Floor
 Heating System: Electric Wall/Baseboard
 Roof Vents: No



Note: Building model is a representation of the actual structure and is approximate in proportion and shape.

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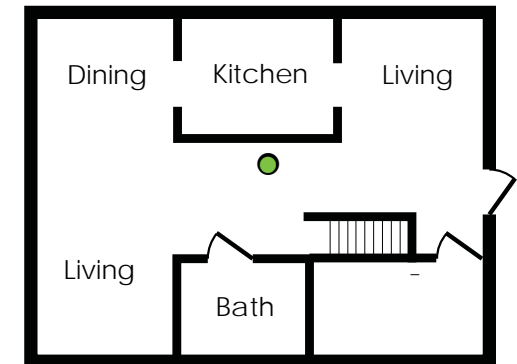
Legend

- Silty Sand
- Saturated Zone
- Clay

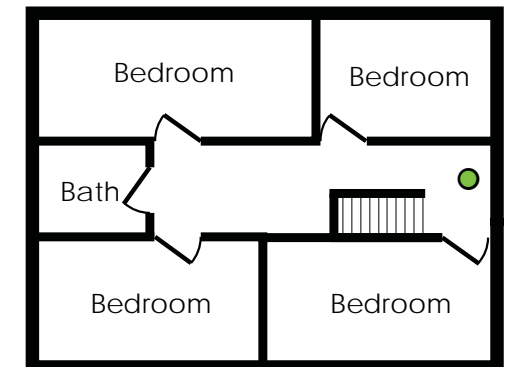
**Conceptual Site Model
Private Residence
305 N 1st Ave**

Vapor Intrusion Investigation
Former Park Laundry
Ridgefield, Washington

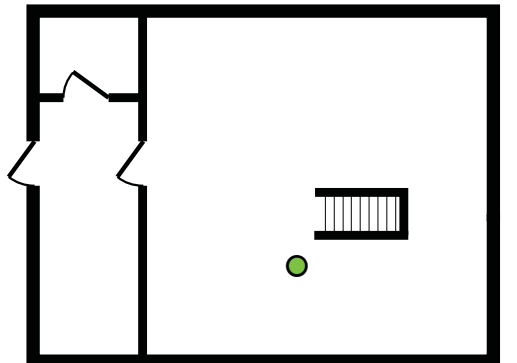
**Floorplan
1st Floor**



2nd Floor



Basement



= Indoor Air Sample Location

Note: Building model is a representation of the actual structure and is approximate in proportion and shape.

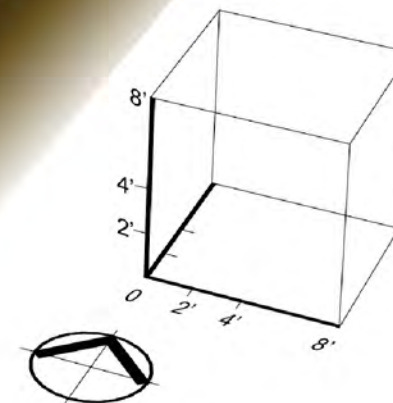
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Proximity Monitoring Well Data:

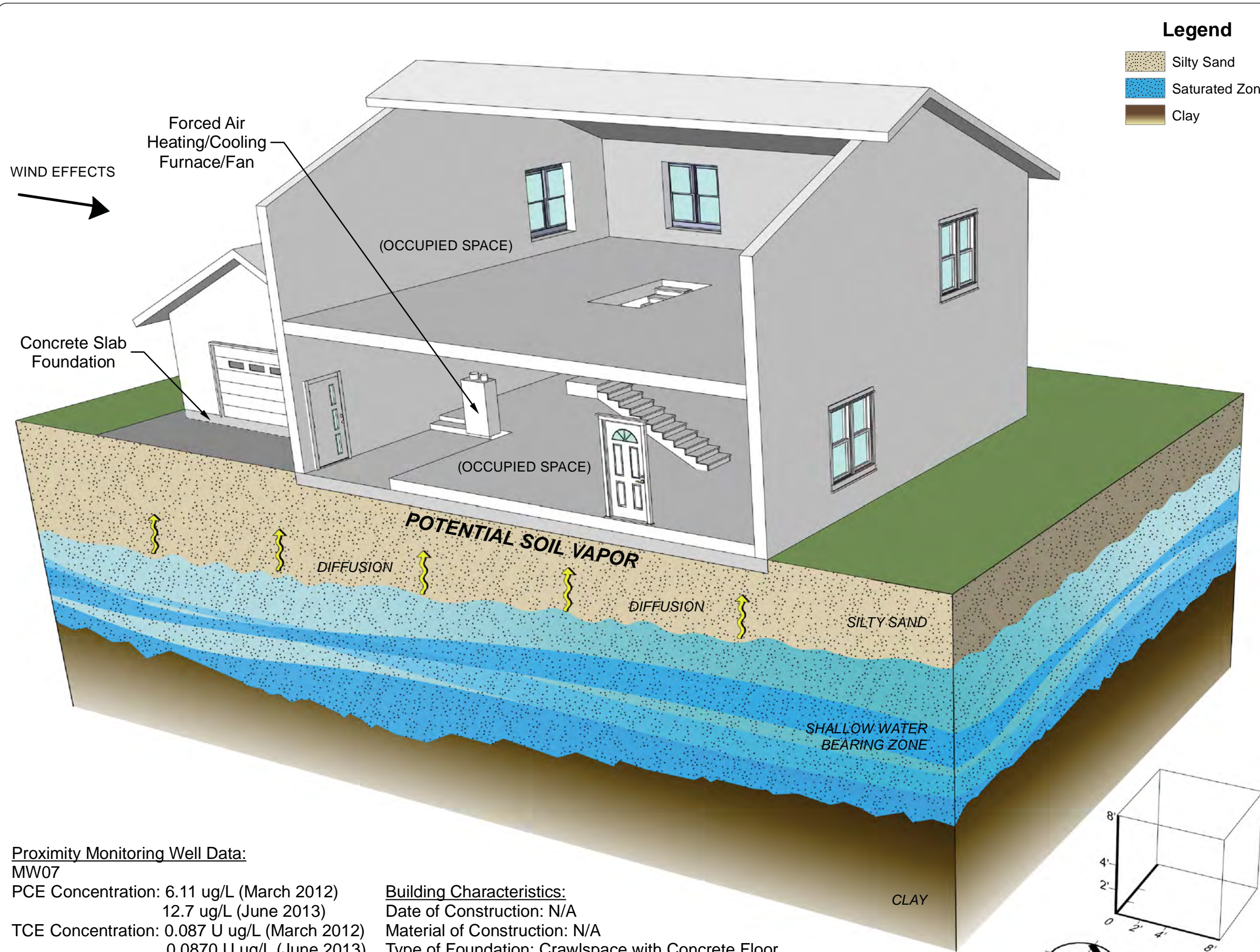
MW13
 PCE Concentration: 447 ug/L (April 2012)
 114 ug/L (June 2013)
 TCE Concentration: 65.4 ug/L (March 2012)
 21 ug/L (June 2013)
 Depth to Groundwater: 6 ft (March 2012)
 8.72 ft (July 2013)

Building Characteristics:


Date of Construction: N/A
 Material of Construction: N/A
 Type of Foundation: Crawlspace with Concrete Floor
 Heating System: Forced Air, Wood Stove
 Roof Vents: Yes (Skylights can be opened)



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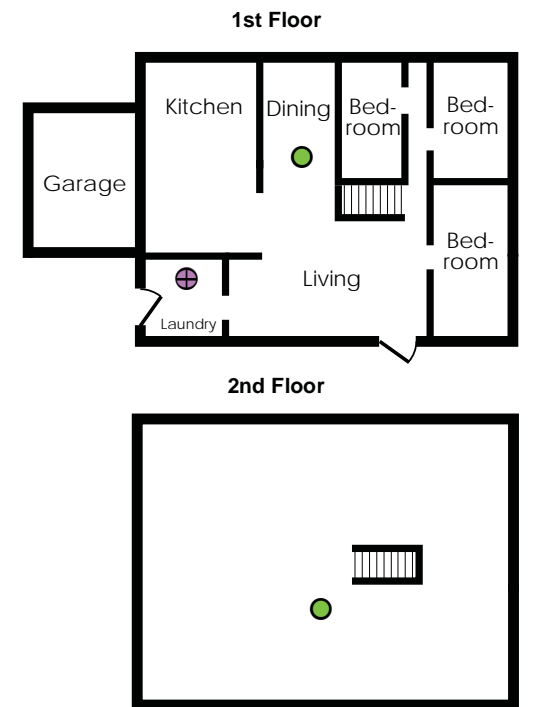
Legend



-  Silty Sand
-  Saturated Zone
-  Clay

**Conceptual Site Model
Private Residence
305 N Main Ave**

Vapor Intrusion Investigation
Former Park Laundry
Ridgefield, Washington

Floorplan



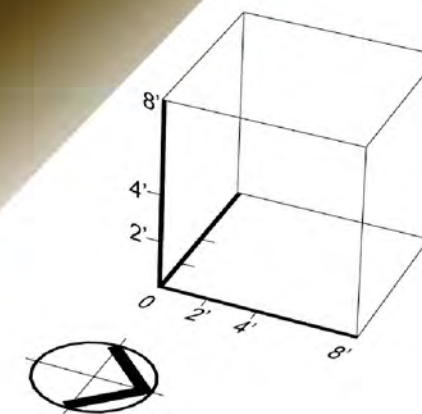
-  = Indoor Air Sample Location
-  = Subslab Sample Location

Proximity Monitoring Well Data:

MW07
 PCE Concentration: 6.11 ug/L (March 2012)
 12.7 ug/L (June 2013)
 TCE Concentration: 0.087 U ug/L (March 2012)
 0.0870 U ug/L (June 2013)
 Depth to Groundwater: 8.85 ft (March 2012)
 10.67 ft (July 2013)

Building Characteristics:

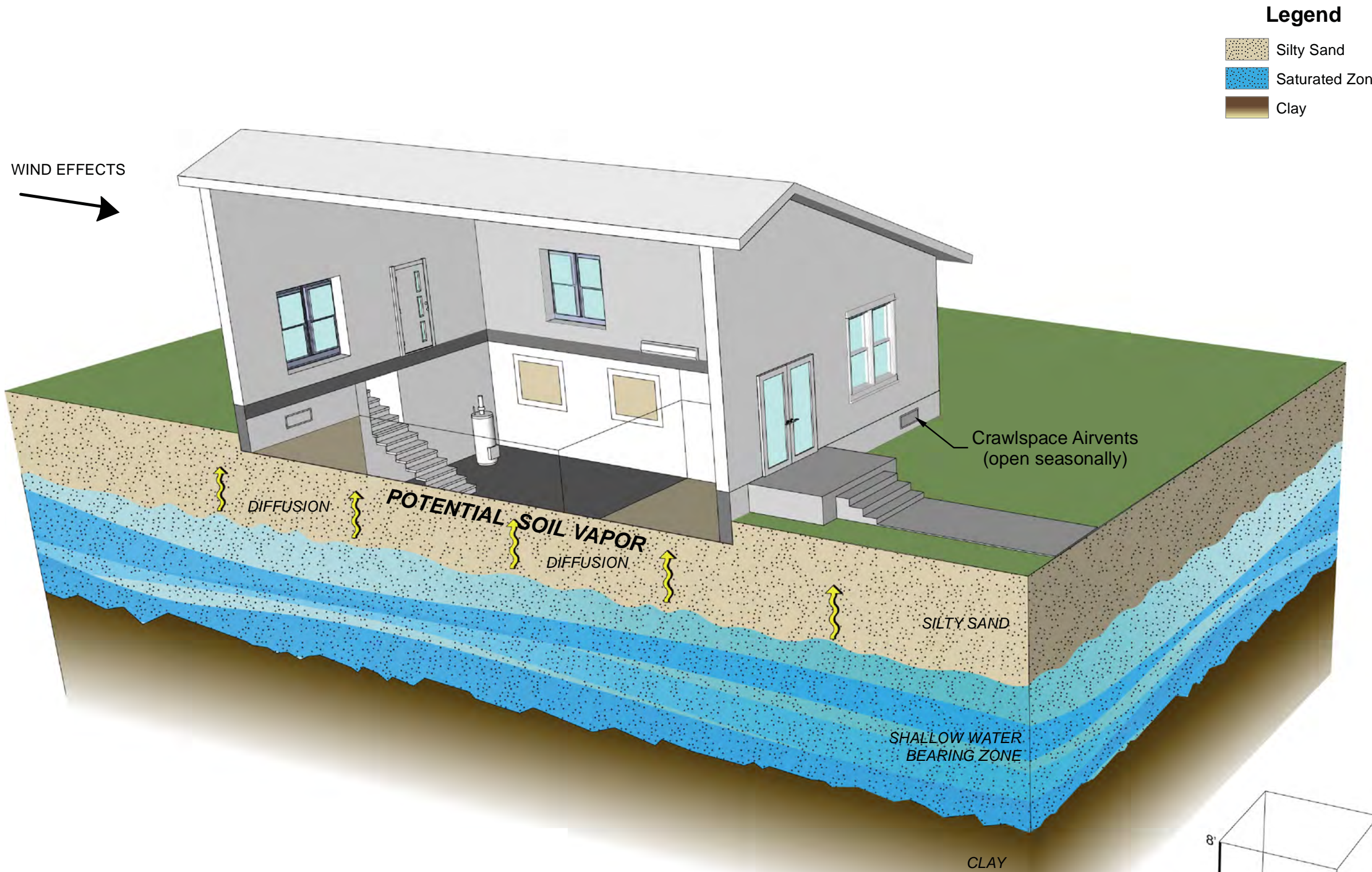
Date of Construction: N/A
 Material of Construction: N/A
 Type of Foundation: Crawlspace with Concrete Floor
 Heating System: Forced Air, Wood Stove
 Roof Vents: No




Note: Building model is a representation of the actual structure and is approximate in proportion and shape.

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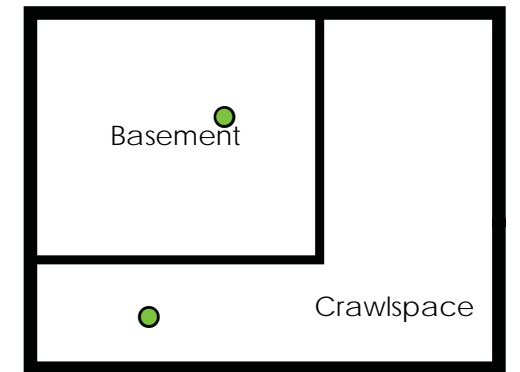
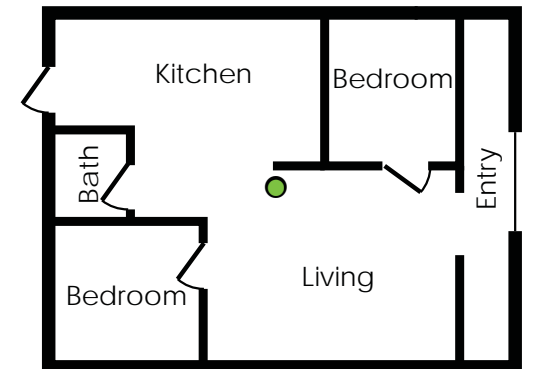
Legend

-  Silty Sand
-  Saturated Zone
-  Clay

**Conceptual Site Model
Private Residence
322 N 1st Ave**

Vapor Intrusion Investigation
Former Park Laundry
Ridgefield, Washington

Floorplan



● = Indoor Air Sample Location

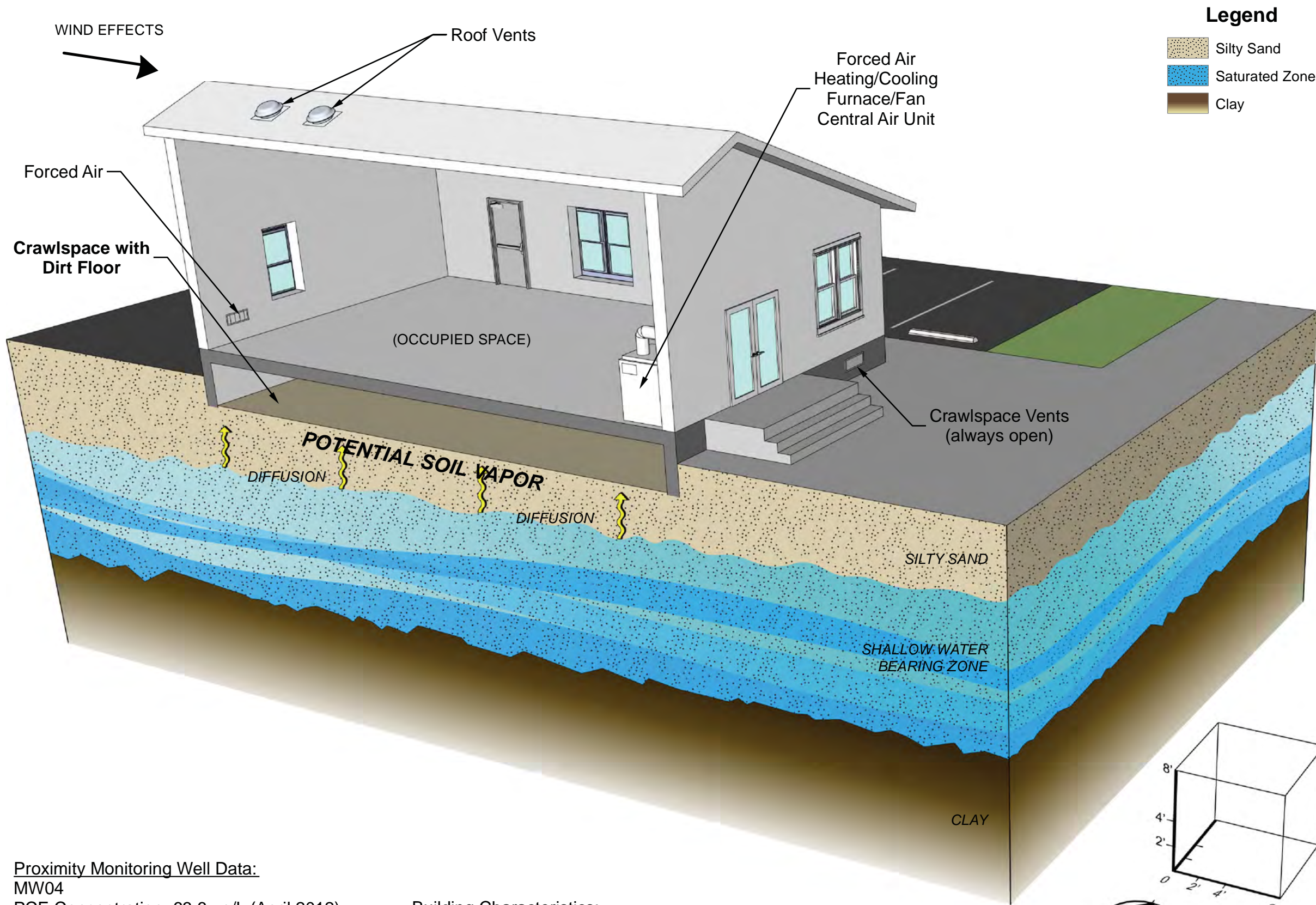
Note: Building model is a representation of the actual structure and is approximate in proportion and shape.

Proximity Monitoring Well Data:

MW11
 PCE Concentration: 32.9 ug/L (March 2012)
 49.8 ug/L (June 2013)
 TCE Concentration: 1.49 ug/L (March 2012)
 3.56 ug/L (June 2013)
 Depth to Groundwater: 9.75 ft (March 2012)
 11.4 ft (July 2013)

Building Characteristics:

Date of Construction: 1920
 Material of Construction: Wood
 Type of Foundation: Crawlspace with Concrete Floor
 Heating System: Electric Wall/Baseboard
 Roof Vents: No



Proximity Monitoring Well Data:

MW04
 PCE Concentration: 63.6 ug/L (April 2012)
 29.2 ug/L (June 2013)
 TCE Concentration: 3.83 ug/L (March 2012)
 0.0870 U ug/L (June 2013)
 Depth to Groundwater: 3.18 ft (March 2012)
 7.22 ft (July 2013)

Building Characteristics:

Date of Construction: N/A
 Material of Construction: Wood
 Type of Foundation: Crawlspace with Dirt Floor
 Heating System: Forced Air/Central Air System
 Roof Vents: Yes

Legend

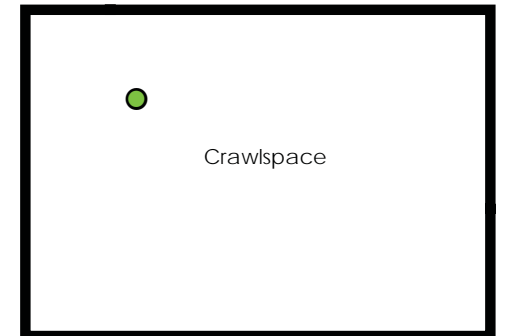
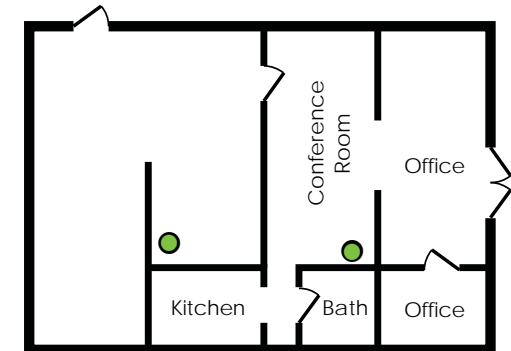
- Silty Sand
- Saturated Zone
- Clay

**Conceptual Site Model
Sales Office**

127 N Main Ave

Vapor Intrusion Investigation
Former Park Laundry
Ridgefield, Washington

Floorplan

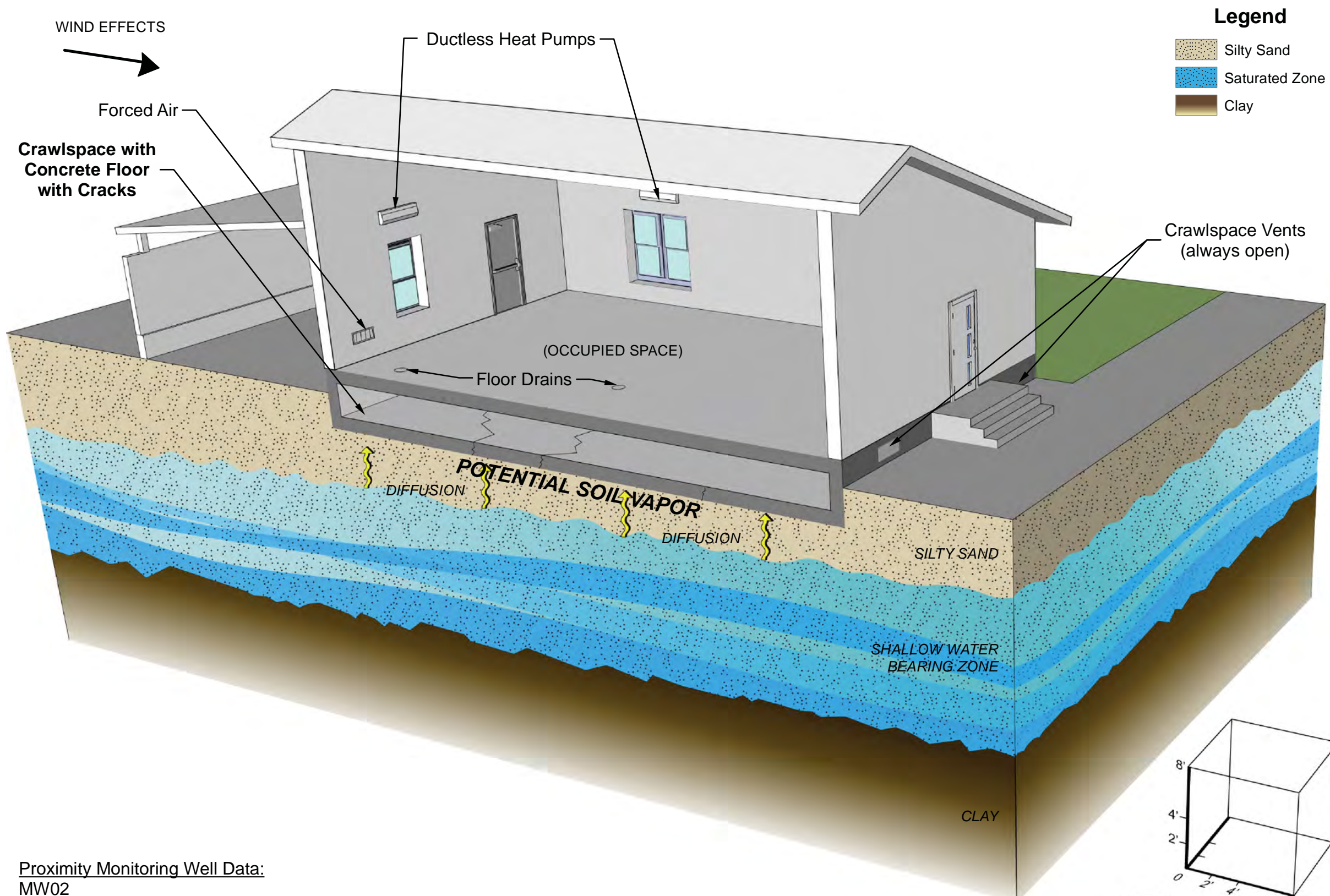


= Indoor Air Sample Location

Note: Building model is a representation of the actual structure and is approximate in proportion and shape.

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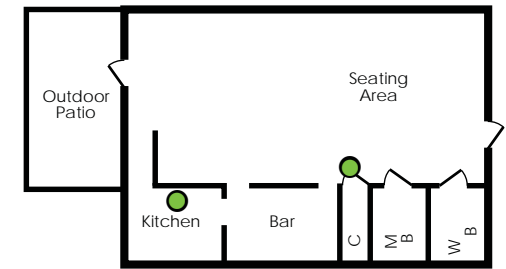
Legend

-  Silty Sand
-  Saturated Zone
-  Clay

**Conceptual Site Model
Sportsman Bar & Grill
121 N Main Ave**

Vapor Intrusion Investigation
Former Park Laundry
Ridgefield, Washington

Floorplan



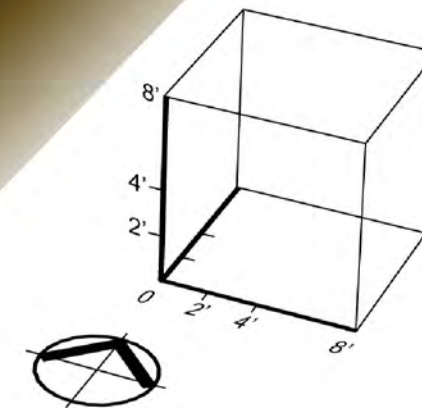
● = Indoor Air Sample Location

Proximity Monitoring Well Data:

MW02
 PCE Concentration: 0.88 J ug/L (April 2012)
 9.67 ug/L (June 2013)
 TCE Concentration: 0.087 U ug/L (March 2012)
 0.0870 U ug/L (June 2013)
 Depth to Groundwater: 1.6 ft (March 2012)
 7.11 ft (July 2013)

Building Characteristics:

Date of Construction: 1920's
 Material of Construction: Wood
 Type of Foundation: Crawl space with Concrete Floor
 Heating System: Forced Air/Central Air
 Roof Vents: Yes



Note: Building model is a representation of the actual structure and is approximate in proportion and shape.

APPENDIX D

LABORATORY REPORTS



12/13/2012

Mr. Thomas Ashton
Maul Foster and Alongi Inc.
2001 NW 19th Ave
Suite 200
Portland OR 97209

Project Name: Park Laundry
Project #: 8006.31.01-05
Workorder #: 1211513A

Dear Mr. Thomas Ashton

The following report includes the data for the above referenced project for sample(s) received on 11/26/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 SIM are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kelly Buettner
Project Manager

WORK ORDER #: 1211513A

Work Order Summary

CLIENT:	Mr. Thomas Ashton Maul Foster and Alongi Inc. 2001 NW 19th Ave Suite 200 Portland, OR 97209	BILL TO:	Accounts Payable Maul Foster and Alongi Inc. 400 E. Mill Plain Blvd Suite 400 Vancouver, WA 98660
PHONE:	971-544-2139	P.O. #	
FAX:	971-544-2140	PROJECT #	8006.31.01-05 Park Laundry
DATE RECEIVED:	11/26/2012	CONTACT:	Kelly Buettner
DATE COMPLETED:	12/13/2012		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	1-IA1-111512	Modified TO-15 SIM	3.0 "Hg	5 psi
02A	1-IA2-111512	Modified TO-15 SIM	0.0 "Hg	5 psi
03A	1-IA3-111512	Modified TO-15 SIM	4.5 "Hg	5 psi
04A	5-IA1-111412	Modified TO-15 SIM	4.0 "Hg	5 psi
05A	5-IA2-111412	Modified TO-15 SIM	3.5 "Hg	5 psi
06A	5-IA3-111412	Modified TO-15 SIM	5.5 "Hg	5 psi
07A	7-IA1-111512	Modified TO-15 SIM	3.5 "Hg	5 psi
08A	7-IA2-111512	Modified TO-15 SIM	3.0 "Hg	5 psi
09A	9-IA1-111212	Modified TO-15 SIM	2.0 "Hg	5 psi
10A	9-IA2-111212	Modified TO-15 SIM	1.0 "Hg	5 psi
11A	24-CS1-111512	Modified TO-15 SIM	5.5 "Hg	5 psi
12A	27-IA1-111512	Modified TO-15 SIM	4.0 "Hg	5 psi
13A	27-IA2-111512	Modified TO-15 SIM	6.0 "Hg	5 psi
14A	27-CS1-111512	Modified TO-15 SIM	0.0 "Hg	5 psi
15A	Lab Blank	Modified TO-15 SIM	NA	NA
16A	CCV	Modified TO-15 SIM	NA	NA
17A	LCS	Modified TO-15 SIM	NA	NA
17AA	LCSD	Modified TO-15 SIM	NA	NA

CERTIFIED BY: 

DATE: 12/13/12

Technical Director

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
TX NELAP - T104704434-12-5, UT NELAP CA009332012-3, WA NELAP - C935

Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)

Accreditation number: CA300005, Effective date: 10/18/2011, Expiration date: 10/17/2012.

Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020



LABORATORY NARRATIVE
Modified TO-15 SIM
Maul Foster and Alongi Inc.
Workorder# 1211513A

Fourteen 6 Liter Summa Canister (SIM Certified) samples were received on November 26, 2012. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to <math>< 40\%</math> RSD	Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to <math>< 40\%</math> RSD
Daily Calibration	+/- 30% Difference	Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

Despite the use of flow controllers for sample collection, the final canister vacuums for samples 1-IA2-111512 and 27-CS1-111512 were measured at ambient pressure in the field. These ambient pressure readings were confirmed by the laboratory upon sample receipt.

Analytical Notes

Dilution was performed on samples 9-IA1-111212 and 9-IA2-111212 due to the presence of high level non-target species.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV and/or LCS.
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

- a-File was requantified
- b-File was quantified by a second column and detector
- r1-File was requantified for the purpose of reissue

**Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM**

Client Sample ID: 1-IA1-111512

Lab ID#: 1211513A-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	0.030	0.076	0.12	0.31
Trichloroethene	0.030	0.23	0.16	1.2

Client Sample ID: 1-IA2-111512

Lab ID#: 1211513A-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	0.027	0.050	0.11	0.20
Trichloroethene	0.027	0.19	0.14	1.0

Client Sample ID: 1-IA3-111512

Lab ID#: 1211513A-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Trichloroethene	0.032	0.18	0.17	1.0

Client Sample ID: 5-IA1-111412

Lab ID#: 1211513A-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.031	0.034	0.21	0.23

Client Sample ID: 5-IA2-111412

Lab ID#: 1211513A-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Trichloroethene	0.030	0.031	0.16	0.17
Tetrachloroethene	0.030	0.032	0.21	0.22

Client Sample ID: 5-IA3-111412

Lab ID#: 1211513A-06A

No Detections Were Found.

**Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM**

Client Sample ID: 7-IA1-111512

Lab ID#: 1211513A-07A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	0.030	0.030	0.12	0.12
Tetrachloroethene	0.030	0.030	0.21	0.20

Client Sample ID: 7-IA2-111512

Lab ID#: 1211513A-08A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.030	0.029 J	0.20	0.20 J

Client Sample ID: 9-IA1-111212

Lab ID#: 1211513A-09A

No Detections Were Found.

Client Sample ID: 9-IA2-111212

Lab ID#: 1211513A-10A

No Detections Were Found.

Client Sample ID: 24-CS1-111512

Lab ID#: 1211513A-11A

No Detections Were Found.

Client Sample ID: 27-IA1-111512

Lab ID#: 1211513A-12A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	0.031	0.36	0.12	1.5

Client Sample ID: 27-IA2-111512

Lab ID#: 1211513A-13A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
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Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: 27-IA2-111512

Lab ID#: 1211513A-13A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	0.034	0.37	0.14	1.5

Client Sample ID: 27-CS1-111512

Lab ID#: 1211513A-14A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.013	0.015	0.034	0.039
1,2-Dichloroethane	0.027	0.041	0.11	0.17

Client Sample ID: 1-IA1-111512

Lab ID#: 1211513A-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v120407sim	Date of Collection: 11/15/12 1:17:00 PM
Dil. Factor:	1.49	Date of Analysis: 12/4/12 02:23 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.015	Not Detected	0.038	Not Detected
1,1-Dichloroethene	0.015	Not Detected	0.059	Not Detected
1,1-Dichloroethane	0.030	Not Detected	0.12	Not Detected
cis-1,2-Dichloroethene	0.030	Not Detected	0.12	Not Detected
1,2-Dichloroethane	0.030	0.076	0.12	0.31
Trichloroethene	0.030	0.23	0.16	1.2
Tetrachloroethene	0.030	Not Detected	0.20	Not Detected
trans-1,2-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Chloroethane	0.074	Not Detected	0.20	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	111	70-130



Client Sample ID: 1-IA2-111512

Lab ID#: 1211513A-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v120408sim	Date of Collection:	11/15/12 1:18:00 PM
Dil. Factor:	1.34	Date of Analysis:	12/4/12 02:59 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.013	Not Detected	0.034	Not Detected
1,1-Dichloroethene	0.013	Not Detected	0.053	Not Detected
1,1-Dichloroethane	0.027	Not Detected	0.11	Not Detected
cis-1,2-Dichloroethene	0.027	Not Detected	0.11	Not Detected
1,2-Dichloroethane	0.027	0.050	0.11	0.20
Trichloroethene	0.027	0.19	0.14	1.0
Tetrachloroethene	0.027	Not Detected	0.18	Not Detected
trans-1,2-Dichloroethene	0.13	Not Detected	0.53	Not Detected
Chloroethane	0.067	Not Detected	0.18	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	114	70-130

Client Sample ID: 1-IA3-111512

Lab ID#: 1211513A-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v120409sim	Date of Collection: 11/15/12 1:20:00 PM
Dil. Factor:	1.58	Date of Analysis: 12/4/12 03:39 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.016	Not Detected	0.040	Not Detected
1,1-Dichloroethene	0.016	Not Detected	0.063	Not Detected
1,1-Dichloroethane	0.032	Not Detected	0.13	Not Detected
cis-1,2-Dichloroethene	0.032	Not Detected	0.12	Not Detected
1,2-Dichloroethane	0.032	Not Detected	0.13	Not Detected
Trichloroethene	0.032	0.18	0.17	1.0
Tetrachloroethene	0.032	Not Detected	0.21	Not Detected
trans-1,2-Dichloroethene	0.16	Not Detected	0.63	Not Detected
Chloroethane	0.079	Not Detected	0.21	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	114	70-130



Air Toxics

Client Sample ID: 5-IA1-111412

Lab ID#: 1211513A-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v120410sim	Date of Collection: 11/14/12 11:16:00 A
Dil. Factor:	1.55	Date of Analysis: 12/4/12 04:18 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.016	Not Detected	0.040	Not Detected
1,1-Dichloroethene	0.016	Not Detected	0.061	Not Detected
1,1-Dichloroethane	0.031	Not Detected	0.12	Not Detected
cis-1,2-Dichloroethene	0.031	Not Detected	0.12	Not Detected
1,2-Dichloroethane	0.031	Not Detected	0.12	Not Detected
Trichloroethene	0.031	Not Detected	0.17	Not Detected
Tetrachloroethene	0.031	0.034	0.21	0.23
trans-1,2-Dichloroethene	0.16	Not Detected	0.61	Not Detected
Chloroethane	0.078	Not Detected	0.20	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	113	70-130



Client Sample ID: 5-IA2-111412

Lab ID#: 1211513A-05A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v120411sim	Date of Collection:	11/14/12 11:19:00 A
Dil. Factor:	1.52	Date of Analysis:	12/4/12 04:54 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.015	Not Detected	0.039	Not Detected
1,1-Dichloroethene	0.015	Not Detected	0.060	Not Detected
1,1-Dichloroethane	0.030	Not Detected	0.12	Not Detected
cis-1,2-Dichloroethene	0.030	Not Detected	0.12	Not Detected
1,2-Dichloroethane	0.030	Not Detected	0.12	Not Detected
Trichloroethene	0.030	0.031	0.16	0.17
Tetrachloroethene	0.030	0.032	0.21	0.22
trans-1,2-Dichloroethene	0.15	Not Detected	0.60	Not Detected
Chloroethane	0.076	Not Detected	0.20	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	104	70-130
4-Bromofluorobenzene	119	70-130



Air Toxics

Client Sample ID: 5-IA3-111412

Lab ID#: 1211513A-06A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v120412sim	Date of Collection:	11/14/12 11:22:00 A
Dil. Factor:	1.64	Date of Analysis:	12/4/12 05:32 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.016	Not Detected	0.042	Not Detected
1,1-Dichloroethene	0.016	Not Detected	0.065	Not Detected
1,1-Dichloroethane	0.033	Not Detected	0.13	Not Detected
cis-1,2-Dichloroethene	0.033	Not Detected	0.13	Not Detected
1,2-Dichloroethane	0.033	Not Detected	0.13	Not Detected
Trichloroethene	0.033	Not Detected	0.18	Not Detected
Tetrachloroethene	0.033	Not Detected	0.22	Not Detected
trans-1,2-Dichloroethene	0.16	Not Detected	0.65	Not Detected
Chloroethane	0.082	Not Detected	0.22	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	113	70-130

Client Sample ID: 7-IA1-111512

Lab ID#: 1211513A-07A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v120413sim	Date of Collection: 11/15/12 9:51:00 AM
Dil. Factor:	1.52	Date of Analysis: 12/4/12 06:12 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.015	Not Detected	0.039	Not Detected
1,1-Dichloroethene	0.015	Not Detected	0.060	Not Detected
1,1-Dichloroethane	0.030	Not Detected	0.12	Not Detected
cis-1,2-Dichloroethene	0.030	Not Detected	0.12	Not Detected
1,2-Dichloroethane	0.030	0.030	0.12	0.12
Trichloroethene	0.030	Not Detected	0.16	Not Detected
Tetrachloroethene	0.030	0.030	0.21	0.20
trans-1,2-Dichloroethene	0.15	Not Detected	0.60	Not Detected
Chloroethane	0.076	Not Detected	0.20	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	110	70-130

Client Sample ID: 7-IA2-111512

Lab ID#: 1211513A-08A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v120414sim	Date of Collection: 11/15/12 9:51:00 AM
Dil. Factor:	1.49	Date of Analysis: 12/4/12 07:08 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.015	Not Detected	0.038	Not Detected
1,1-Dichloroethene	0.015	Not Detected	0.059	Not Detected
1,1-Dichloroethane	0.030	Not Detected	0.12	Not Detected
cis-1,2-Dichloroethene	0.030	Not Detected	0.12	Not Detected
1,2-Dichloroethane	0.030	Not Detected	0.12	Not Detected
Trichloroethene	0.030	Not Detected	0.16	Not Detected
Tetrachloroethene	0.030	0.029 J	0.20	0.20 J
trans-1,2-Dichloroethene	0.15	Not Detected	0.59	Not Detected
Chloroethane	0.074	Not Detected	0.20	Not Detected

J = Estimated value.

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	110	70-130



Air Toxics

Client Sample ID: 9-IA1-111212

Lab ID#: 1211513A-09A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v120419sim	Date of Collection: 11/12/12 10:03:00 A
Dil. Factor:	2.88	Date of Analysis: 12/4/12 10:35 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.029	Not Detected	0.074	Not Detected
1,1-Dichloroethene	0.029	Not Detected	0.11	Not Detected
1,1-Dichloroethane	0.058	Not Detected	0.23	Not Detected
cis-1,2-Dichloroethene	0.058	Not Detected	0.23	Not Detected
1,2-Dichloroethane	0.058	Not Detected	0.23	Not Detected
Trichloroethene	0.058	Not Detected	0.31	Not Detected
Tetrachloroethene	0.058	Not Detected	0.39	Not Detected
trans-1,2-Dichloroethene	0.29	Not Detected	1.1	Not Detected
Chloroethane	0.14	Not Detected	0.38	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	107	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	111	70-130



Air Toxics

Client Sample ID: 9-IA2-111212

Lab ID#: 1211513A-10A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v120420sim	Date of Collection:	11/12/12 10:02:00 A
Dil. Factor:	1.74	Date of Analysis:	12/4/12 11:11 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.017	Not Detected	0.044	Not Detected
1,1-Dichloroethene	0.017	Not Detected	0.069	Not Detected
1,1-Dichloroethane	0.035	Not Detected	0.14	Not Detected
cis-1,2-Dichloroethene	0.035	Not Detected	0.14	Not Detected
1,2-Dichloroethane	0.035	Not Detected	0.14	Not Detected
Trichloroethene	0.035	Not Detected	0.19	Not Detected
Tetrachloroethene	0.035	Not Detected	0.24	Not Detected
trans-1,2-Dichloroethene	0.17	Not Detected	0.69	Not Detected
Chloroethane	0.087	Not Detected	0.23	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	113	70-130



Air Toxics

Client Sample ID: 24-CS1-111512

Lab ID#: 1211513A-11A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v120415sim	Date of Collection: 11/15/12 11:34:00 A
Dil. Factor:	1.64	Date of Analysis: 12/4/12 08:02 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.016	Not Detected	0.042	Not Detected
1,1-Dichloroethene	0.016	Not Detected	0.065	Not Detected
1,1-Dichloroethane	0.033	Not Detected	0.13	Not Detected
cis-1,2-Dichloroethene	0.033	Not Detected	0.13	Not Detected
1,2-Dichloroethane	0.033	Not Detected	0.13	Not Detected
Trichloroethene	0.033	Not Detected	0.18	Not Detected
Tetrachloroethene	0.033	Not Detected	0.22	Not Detected
trans-1,2-Dichloroethene	0.16	Not Detected	0.65	Not Detected
Chloroethane	0.082	Not Detected	0.22	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	109	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	112	70-130



Client Sample ID: 27-IA1-111512

Lab ID#: 1211513A-12A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v120416sim	Date of Collection:	11/15/12 8:26:00 AM
Dil. Factor:	1.55	Date of Analysis:	12/4/12 08:45 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.016	Not Detected	0.040	Not Detected
1,1-Dichloroethene	0.016	Not Detected	0.061	Not Detected
1,1-Dichloroethane	0.031	Not Detected	0.12	Not Detected
cis-1,2-Dichloroethene	0.031	Not Detected	0.12	Not Detected
1,2-Dichloroethane	0.031	0.36	0.12	1.5
Trichloroethene	0.031	Not Detected	0.17	Not Detected
Tetrachloroethene	0.031	Not Detected	0.21	Not Detected
trans-1,2-Dichloroethene	0.16	Not Detected	0.61	Not Detected
Chloroethane	0.078	Not Detected	0.20	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	107	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	109	70-130



Client Sample ID: 27-IA2-111512

Lab ID#: 1211513A-13A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v120417sim	Date of Collection:	11/15/12 8:31:00 AM
Dil. Factor:	1.68	Date of Analysis:	12/4/12 09:23 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.017	Not Detected	0.043	Not Detected
1,1-Dichloroethene	0.017	Not Detected	0.067	Not Detected
1,1-Dichloroethane	0.034	Not Detected	0.14	Not Detected
cis-1,2-Dichloroethene	0.034	Not Detected	0.13	Not Detected
1,2-Dichloroethane	0.034	0.37	0.14	1.5
Trichloroethene	0.034	Not Detected	0.18	Not Detected
Tetrachloroethene	0.034	Not Detected	0.23	Not Detected
trans-1,2-Dichloroethene	0.17	Not Detected	0.67	Not Detected
Chloroethane	0.084	Not Detected	0.22	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	108	70-130



Client Sample ID: 27-CS1-111512

Lab ID#: 1211513A-14A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v120418sim	Date of Collection: 11/15/12 8:53:00 AM
Dil. Factor:	1.34	Date of Analysis: 12/4/12 09:59 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.013	0.015	0.034	0.039
1,1-Dichloroethene	0.013	Not Detected	0.053	Not Detected
1,1-Dichloroethane	0.027	Not Detected	0.11	Not Detected
cis-1,2-Dichloroethene	0.027	Not Detected	0.11	Not Detected
1,2-Dichloroethane	0.027	0.041	0.11	0.17
Trichloroethene	0.027	Not Detected	0.14	Not Detected
Tetrachloroethene	0.027	Not Detected	0.18	Not Detected
trans-1,2-Dichloroethene	0.13	Not Detected	0.53	Not Detected
Chloroethane	0.067	Not Detected	0.18	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	107	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	112	70-130

Client Sample ID: Lab Blank

Lab ID#: 1211513A-15A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v120406asim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/4/12 01:32 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
1,1-Dichloroethene	0.010	Not Detected	0.040	Not Detected
1,1-Dichloroethane	0.020	Not Detected	0.081	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
1,2-Dichloroethane	0.020	Not Detected	0.081	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Chloroethane	0.050	Not Detected	0.13	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	106	70-130
4-Bromofluorobenzene	110	70-130

Client Sample ID: CCV

Lab ID#: 1211513A-16A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v120402sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/4/12 09:25 AM

Compound	%Recovery
Vinyl Chloride	78
1,1-Dichloroethene	88
1,1-Dichloroethane	90
cis-1,2-Dichloroethene	92
1,2-Dichloroethane	93
Trichloroethene	81
Tetrachloroethene	96
trans-1,2-Dichloroethene	91
Chloroethane	88

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	109	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	103	70-130

Client Sample ID: LCS

Lab ID#: 1211513A-17A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v120404sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/4/12 11:20 AM

Compound	%Recovery
Vinyl Chloride	80
1,1-Dichloroethene	93
1,1-Dichloroethane	90
cis-1,2-Dichloroethene	92
1,2-Dichloroethane	91
Trichloroethene	80
Tetrachloroethene	93
trans-1,2-Dichloroethene	101
Chloroethane	87

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	109	70-130

Client Sample ID: LCSD

Lab ID#: 1211513A-17AA

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v120405sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/4/12 12:39 PM

Compound	%Recovery
Vinyl Chloride	80
1,1-Dichloroethene	93
1,1-Dichloroethane	90
cis-1,2-Dichloroethene	92
1,2-Dichloroethane	91
Trichloroethene	80
Tetrachloroethene	91
trans-1,2-Dichloroethene	102
Chloroethane	87

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	112	70-130

Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

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FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Page 1 of 5

Project Manager Bill Beattie / Meredith D'Andrea
 Collected by: (Print and Sign) Thomas Ashton
 Company MFA Email tashton@maufoster.com
 Address 2001 NW 19th Ave City Portland State OR Zip 97209
 Phone 503-944-9715 ^{suite 200} Fax _____

Project Info:	Turn Around Time:	Lab Use Only
	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	Pressurized by: Date: Pressurization Gas: N ₂ He
P.O. # _____		
Project # <u>8006-31-01-05</u>		
Project Name <u>Park Laundry</u>		

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
01A	1-IA1-111512	35558	11/15/12	13:17	TO-15 SIM <small>see notes</small>	-30	-4.5		
02A	1-IA2-111512	3748	11/15/12	13:18	hold	-30	0		
03A	1-IA3-111512	34306	11/15/12	13:20	TO-15 SIM <small>see notes</small>	-29	-4.5		
04A	5-IA1-111412	424	11/14/12	11:16		-30	-3.5		
05A	5-IA2-111412	3734	11/14/12	11:19		-30	-3.5		
06A	5-IA3-111412	4383	11/14/12	11:22		-30	-5		
07A	7-IA1-111512	14122	11/15/12	09:51		-30	-5		
08A	7-IA2-111512	35241	11/15/12	09:51		-30	-2.5		
09A	9-IA1-111212	33565	11/12/12	10:03		-28	-3.5		
10A	9-IA2-111212	32130	11/12/12	10:02		-30	-2		

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>11/20/12 13:00</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>11/26/12 1000</u>	Notes: TO-15 SIM for select compounds, see attachment for list of compounds and reporting limits.
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name <u>UPS</u>	Air Bill # _____	Temp (°C) <u>N/A</u>	Condition <u>Good</u>	Custody Seals Intact? Yes No <u>None</u>	Work Order # <u>1211513</u>
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Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

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Page 2 of 3

Project Manager Bill Beattie / Meredith D. Anderson
 Collected by: (Print and Sign) Thomas Ashton
 Company UFA Email tashon@maul-foster.com
 Address 2001 NW 14th Ave Suite 200 City Portland State OR Zip 97229
 Phone 503-944-9715 Fax _____

Project Info:	P.O. # _____	Turn Around Time: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	Lab Use Only
	Project # <u>8006-31.01-05</u>		Pressurized by:
Project Name <u>Park Laundry</u>			Date:
			Pressurization Gas: <u>N₂</u> He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
11A	24-CSI-111512	12330	11/15/12	11:34	TO-15 SIM ^{see notes}	-30	-5		
12A	27-IA1-111512	33781	11/15/12	08:26		-30	-5		
13A	27-IA2-111512	5761	11/15/12	08:31		-30	-5		
14A	27-CSI-111512	21013	11/15/12	08:53		-28	-0.5		
15A	0A1-111512	20438	11/15/12	09:37		-29.5	-5		
16A	0A2-111512 0A1-111612	31435	11/16/12	08:50		-29	-4.5		
17A	0A3-339 0A3-111512	33938	11/15/12	09:18		-30	-5		
18A	0A3-111612	9925	11/16/12	09:06		-30	-5		
19A	0A2-111512	34485	11/15/12	09:27	hold	-30	0		
20A	0A2-111612	9417	11/16/12	08:59	hold	-30	0		

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>11/20/12 13:00</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>11/20/12 1000</u>
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____

Notes:
TO-15 SIM for select compounds.
see attachment for list of compounds and reporting limits.

Lab Use Only	Shipper Name <u>WPS</u>	Air Bill # _____	Temp (°C) <u>N/A</u>	Condition <u>Good</u>	Custody Seals Intact? Yes No <u>None</u>	Work Order # <u>1211513</u>
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1211513

Mr. Guy Barrett
 October 12, 2012
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Project No. 8006.31.01

SAMPLE ANALYSIS AND QUALITY ASSURANCE

Samples will be analyzed for PCE and associated breakdown products (TCE; 1,1-DCE; cis-1,2-DCE; trans-1,2-DCE; 1,1-DCA; Chloroethane; and vinyl chloride) by Modified U.S. Environmental Protection Agency (USEPA) Method TO-15 selected ion monitoring method to achieve low reporting limits. Eurofins/Air Toxics of Folsom, California, will provide a 6-liter or 1-liter, stainless steel canister (Summa canister) for each sample. Laboratory-specific method reporting limits (MRLs) for VOCs are listed in the following table. The MRLs assume a 6-liter sample size, with the canister dilution factor not incorporated. The dilution factor is determined by the canister size and residual vacuum. For example, a 1-liter sample with a vacuum of 5-inches of mercury would have a MRL approximately 2.4 times higher than the values provided in the following table. If there are high concentrations of nontarget analytes in the samples (e.g., methylene chloride, acetone, toluene), the laboratory may dilute the sample to avoid overloading and damaging its instruments. MFA will coordinate with the laboratory to obtain the lowest possible MRLs.

Table
Analytes, Reporting Limits, and Screening Levels ($\mu\text{g}/\text{m}^3$)

Analyte	CAS Number	Reporting Limit	Screening Level—Air	Screening Level—Soil Gas
PCE	127-18-4	0.14	9.6	96
TCE	79-01-6	0.016	0.37	3.7
1,1-DCE	75-35-4	0.04	91	910
cis-1,2-DCE	156-59-2	0.08	16	160
trans-1,2-DCE	156-60-5	0.40	32	320
1,1-DCA	75-34-3	0.08	320	3200
Chloroethane	75-00-3	0.13	3	30
Vinyl chloride	75-01-4	0.03	0.28	2.8
Helium	7440-59-7	81799	NE	NE

NOTES:
 Screening levels are based on Table B-1 of Ecology Guidance for Evaluating Soil Vapor Intrusion in Washington State: Investigation and Remedial Action. Values for PCE and TCE are based on CLARC guidance dated September, 2012.
 CAS = Chemical Abstract Service
 NE = Not Established
 $\mu\text{g}/\text{m}^3$ = micrograms per cubic meter.

MFA will receive the data electronically from the laboratory and the data will be transferred to a GISKey© database. The data will be validated consistent with Ecology and USEPA protocols. To document data reliability, a memorandum will be prepared summarizing

12/14/2012

Mr. Thomas Ashton
Maul Foster and Alongi Inc.
2001 NW 19th Ave
Suite 200
Portland OR 97209

Project Name: Park Laundry
Project #: 8006.31.01-05
Workorder #: 1211513B

Dear Mr. Thomas Ashton

The following report includes the data for the above referenced project for sample(s) received on 11/26/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 SIM are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kelly Buettner
Project Manager

WORK ORDER #: 1211513B

Work Order Summary

CLIENT:	Mr. Thomas Ashton Maul Foster and Alongi Inc. 2001 NW 19th Ave Suite 200 Portland, OR 97209	BILL TO:	Accounts Payable Maul Foster and Alongi Inc. 400 E. Mill Plain Blvd Suite 400 Vancouver, WA 98660
PHONE:	971-544-2139	P.O. #	
FAX:	971-544-2140	PROJECT #	8006.31.01-05 Park Laundry
DATE RECEIVED:	11/26/2012	CONTACT:	Kelly Buettner
DATE COMPLETED:	12/14/2012		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
16A	OA1-111612	Modified TO-15 SIM	4.0 "Hg	5 psi
17A	OA3-111512	Modified TO-15 SIM	4.0 "Hg	5 psi
18A	Lab Blank	Modified TO-15 SIM	NA	NA
19A	CCV	Modified TO-15 SIM	NA	NA
20A	LCS	Modified TO-15 SIM	NA	NA
20AA	LCSD	Modified TO-15 SIM	NA	NA

CERTIFIED BY: 
 Technical Director

DATE: 12/14/12

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
 TX NELAP - T104704434-12-5, UT NELAP CA009332012-3, WA NELAP - C935

Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
 Accreditation number: CA300005, Effective date: 10/18/2011, Expiration date: 10/17/2012.

Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15 SIM
Maul Foster and Alongi Inc.
Workorder# 1211513B

Two 6 Liter Summa Canister (SIM Certified) samples were received on November 26, 2012. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to <math>< 40\%</math> RSD	Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to <math>< 40\%</math> RSD
Daily Calibration	+/- 30% Difference	Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV and/or LCS.

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

**Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM**

Client Sample ID: OA1-111612

Lab ID#: 1211513B-16A

No Detections Were Found.

Client Sample ID: OA3-111512

Lab ID#: 1211513B-17A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	0.031	0.064	0.12	0.26



Client Sample ID: OA1-111612

Lab ID#: 1211513B-16A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	a120417sim	Date of Collection:	11/16/12 8:50:00 AM
Dil. Factor:	1.55	Date of Analysis:	12/5/12 07:21 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.016	Not Detected	0.040	Not Detected
1,1-Dichloroethene	0.016	Not Detected	0.061	Not Detected
1,1-Dichloroethane	0.031	Not Detected	0.12	Not Detected
cis-1,2-Dichloroethene	0.031	Not Detected	0.12	Not Detected
1,2-Dichloroethane	0.031	Not Detected	0.12	Not Detected
Trichloroethene	0.031	Not Detected	0.17	Not Detected
Tetrachloroethene	0.031	Not Detected	0.21	Not Detected
trans-1,2-Dichloroethene	0.16	Not Detected	0.61	Not Detected
Chloroethane	0.078	Not Detected	0.20	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	118	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	100	70-130



Air Toxics

Client Sample ID: OA3-111512

Lab ID#: 1211513B-17A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	a120418sim	Date of Collection:	11/15/12 9:18:00 AM
Dil. Factor:	1.55	Date of Analysis:	12/5/12 08:09 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.016	Not Detected	0.040	Not Detected
1,1-Dichloroethene	0.016	Not Detected	0.061	Not Detected
1,1-Dichloroethane	0.031	Not Detected	0.12	Not Detected
cis-1,2-Dichloroethene	0.031	Not Detected	0.12	Not Detected
1,2-Dichloroethane	0.031	0.064	0.12	0.26
Trichloroethene	0.031	Not Detected	0.17	Not Detected
Tetrachloroethene	0.031	Not Detected	0.21	Not Detected
trans-1,2-Dichloroethene	0.16	Not Detected	0.61	Not Detected
Chloroethane	0.078	Not Detected	0.20	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	115	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	96	70-130



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1211513B-18A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	a120416sim	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	12/4/12 10:19 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
1,1-Dichloroethene	0.010	Not Detected	0.040	Not Detected
1,1-Dichloroethane	0.020	Not Detected	0.081	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
1,2-Dichloroethane	0.020	Not Detected	0.081	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Chloroethane	0.050	Not Detected	0.13	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	118	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	99	70-130

Client Sample ID: CCV

Lab ID#: 1211513B-19A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	a120412sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/4/12 06:01 PM

Compound	%Recovery
Vinyl Chloride	91
1,1-Dichloroethene	102
1,1-Dichloroethane	117
cis-1,2-Dichloroethene	108
1,2-Dichloroethane	125
Trichloroethene	101
Tetrachloroethene	98
trans-1,2-Dichloroethene	108
Chloroethane	102

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	114	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	101	70-130

Client Sample ID: LCS

Lab ID#: 1211513B-20A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	a120413sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/4/12 06:51 PM

Compound	%Recovery
Vinyl Chloride	101
1,1-Dichloroethene	102
1,1-Dichloroethane	113
cis-1,2-Dichloroethene	101
1,2-Dichloroethane	120
Trichloroethene	95
Tetrachloroethene	86
trans-1,2-Dichloroethene	112
Chloroethane	102

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	121	70-130
Toluene-d8	106	70-130
4-Bromofluorobenzene	110	70-130

Client Sample ID: LCSD

Lab ID#: 1211513B-20AA

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	a120414sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/4/12 07:46 PM

Compound	%Recovery
Vinyl Chloride	104
1,1-Dichloroethene	95
1,1-Dichloroethane	108
cis-1,2-Dichloroethene	99
1,2-Dichloroethane	116
Trichloroethene	96
Tetrachloroethene	89
trans-1,2-Dichloroethene	105
Chloroethane	99

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	122	70-130
Toluene-d8	110	70-130
4-Bromofluorobenzene	101	70-130



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Page 2 of 5

Project Manager Bill Beakie / Meredith D. Andrea
 Collected by: (Print and Sign) Thomas Ashton
 Company MFA Email tashton@maulfooster.com
 Address 2001 NW 14th Ave Suite 200 City Portland State OR Zip 97209
 Phone 503-944-9715 Fax _____

Project Info:	P.O. # _____	Turn Around Time: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	Lab Use Only Pressurized by:
	Project # <u>8006.31.01-05</u>		Date:
Project Name <u>Park Laundry</u>			Pressurization Gas: N ₂ He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
11A	24-CSI-111512	12330	11/15/12	11:34	TO-15 SIM <small>see notes</small>	-30	-5		
12A	27-IA1-111512	33781	11/15/12	08:26		-30	-5		
13A	27-IA2-111512	5761	11/15/12	08:31		-30	-5		
14A	27-CSI-111512	21013	11/15/12	08:53		-28	-0.5		
15A	OA1-111512	20938	11/15/12	09:37		-29.5	-5		
16A	OA2-111512 OA1-111612	31435	11/15/12	08:50		-29	-4.5		
17A	OA3-339 OA3-111512	33938	11/15/12	09:18		-30	-5		
18A	OA3-111612	9925	11/16/12	09:06		-30	-5		
19A	OA2-111512	34485	11/15/12	09:27	hold	-30	0		
20A	OA2-111612	9417	11/16/12	08:59	hold	-30	0		

11/17
11/20

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>11/20/12 13:00</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>11/20/12 1000</u>
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____

Notes:
TO-15 SIM for select compounds.
see attachment for list of compounds and reporting limits.

Lab Use Only	Shipper Name <u>UPS</u>	Air Bill # _____	Temp (°C) <u>N/A</u>	Condition <u>Good</u>	Custody Seals Intact? Yes No <u>None</u>	Work Order # <u>1211513</u>
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1211513

Mr. Guy Barrett
 October 12, 2012
 Page 5

Project No. 8006.31.01

SAMPLE ANALYSIS AND QUALITY ASSURANCE

Samples will be analyzed for PCE and associated breakdown products (TCE; 1,1-DCE; cis-1,2-DCE; trans-1,2-DCE; 1,1-DCA; Chloroethane; and vinyl chloride) by Modified U.S. Environmental Protection Agency (USEPA) Method TO-15 selected ion monitoring method to achieve low reporting limits. Eurofins/Air Toxics of Folsom, California, will provide a 6-liter or 1-liter, stainless steel canister (Summa canister) for each sample. Laboratory-specific method reporting limits (MRLs) for VOCs are listed in the following table. The MRLs assume a 6-liter sample size, with the canister dilution factor not incorporated. The dilution factor is determined by the canister size and residual vacuum. For example, a 1-liter sample with a vacuum of 5-inches of mercury would have a MRL approximately 2.4 times higher than the values provided in the following table. If there are high concentrations of nontarget analytes in the samples (e.g., methylene chloride, acetone, toluene), the laboratory may dilute the sample to avoid overloading and damaging its instruments. MFA will coordinate with the laboratory to obtain the lowest possible MRLs.

Table
Analytes, Reporting Limits, and Screening Levels ($\mu\text{g}/\text{m}^3$)

Analyte	CAS Number	Reporting Limit	Screening Level—Air	Screening Level—Soil Gas
PCE	127-18-4	0.14	9.6	96
TCE	79-01-6	0.016	0.37	3.7
1,1-DCE	75-35-4	0.04	91	910
cis-1,2-DCE	156-59-2	0.08	16	160
trans-1,2-DCE	156-60-5	0.40	32	320
1,1-DCA	75-34-3	0.08	320	3200
Chloroethane	75-00-3	0.13	3	30
Vinyl chloride	75-01-4	0.03	0.28	2.8
Helium	7440-59-7	81799	NE	NE
NOTES: Screening levels are based on Table B-1 of Ecology Guidance for Evaluating Soil Vapor Intrusion in Washington State: Investigation and Remedial Action. Values for PCE and TCE are based on CLARC guidance dated September, 2012. CAS = Chemical Abstract Service NE = Not Established $\mu\text{g}/\text{m}^3$ = micrograms per cubic meter.				

MFA will receive the data electronically from the laboratory and the data will be transferred to a GISKey© database. The data will be validated consistent with Ecology and USEPA protocols. To document data reliability, a memorandum will be prepared summarizing

12/26/2012

Mr. Thomas Ashton
Maul Foster and Alongi Inc.
2001 NW 19th Ave
Suite 200
Portland OR 97209

Project Name: Park Laundry
Project #: 8006.31.01-05
Workorder #: 1211513C

Dear Mr. Thomas Ashton

The following report includes the data for the above referenced project for sample(s) received on 11/26/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 SIM are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kelly Buettner
Project Manager

WORK ORDER #: 1211513C

Work Order Summary

CLIENT:	Mr. Thomas Ashton Maul Foster and Alongi Inc. 2001 NW 19th Ave Suite 200 Portland, OR 97209	BILL TO:	Accounts Payable Maul Foster and Alongi Inc. 400 E. Mill Plain Blvd Suite 400 Vancouver, WA 98660
PHONE:	971-544-2139	P.O. #	
FAX:	971-544-2140	PROJECT #	8006.31.01-05 Park Laundry
DATE RECEIVED:	11/26/2012	CONTACT:	Kelly Buettner
DATE COMPLETED:	12/26/2012		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
15A	OA1-111512	Modified TO-15 SIM	3.5 "Hg	5 psi
18A	OA3-111612	Modified TO-15 SIM	3.5 "Hg	5 psi
19A	OA2-111512	Modified TO-15 SIM	0.8 psi	5 psi
20A	OA2-111612	Modified TO-15 SIM	2.0 "Hg	5 psi
21A	Lab Blank	Modified TO-15 SIM	NA	NA
22A	CCV	Modified TO-15 SIM	NA	NA
23A	LCS	Modified TO-15 SIM	NA	NA
23AA	LCSD	Modified TO-15 SIM	NA	NA

CERTIFIED BY: 
 Technical Director

DATE: 12/26/12

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
 TX NELAP - T104704434-12-5, UT NELAP CA009332012-3, WA NELAP - C935

Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
 Accreditation number: CA300005, Effective date: 10/18/2011, Expiration date: 10/17/2012.

Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
 (916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020



LABORATORY NARRATIVE
Modified TO-15 SIM
Maul Foster and Alongi Inc.
Workorder# 1211513C

Four 6 Liter Summa Canister (SIM Certified) samples were received on November 26, 2012. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to $< 40\%$ RSD	Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to $< 40\%$ RSD
Daily Calibration	$\pm 30\%$ Difference	Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

Despite the use of flow controllers for sample collection, the final canister vacuum for sample OA2-111512 was measured at ambient pressure in the field. This ambient pressure reading was confirmed by the laboratory upon sample receipt.

Samples OA1-111512, OA3-111612, OA2-111512 and OA2-111612 were removed from "Hold" and placed on "Active" status per client request on December 14, 2012.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV and/or LCS.

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue



Air Toxics

**Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM**

Client Sample ID: OA1-111512

Lab ID#: 1211513C-15A

No Detections Were Found.

Client Sample ID: OA3-111612

Lab ID#: 1211513C-18A

No Detections Were Found.

Client Sample ID: OA2-111512

Lab ID#: 1211513C-19A

No Detections Were Found.

Client Sample ID: OA2-111612

Lab ID#: 1211513C-20A

No Detections Were Found.



Air Toxics

Client Sample ID: OA1-111512

Lab ID#: 1211513C-15A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v121407sim	Date of Collection:	11/15/12 9:37:00 AM
Dil. Factor:	1.52	Date of Analysis:	12/14/12 11:29 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.015	Not Detected	0.039	Not Detected
1,1-Dichloroethene	0.015	Not Detected	0.060	Not Detected
1,1-Dichloroethane	0.030	Not Detected	0.12	Not Detected
cis-1,2-Dichloroethene	0.030	Not Detected	0.12	Not Detected
1,2-Dichloroethane	0.030	Not Detected	0.12	Not Detected
Trichloroethene	0.030	Not Detected	0.16	Not Detected
Tetrachloroethene	0.030	Not Detected	0.21	Not Detected
trans-1,2-Dichloroethene	0.15	Not Detected	0.60	Not Detected
Chloroethane	0.076	Not Detected	0.20	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	104	70-130
4-Bromofluorobenzene	111	70-130



Air Toxics

Client Sample ID: OA3-111612

Lab ID#: 1211513C-18A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v121408sim	Date of Collection:	11/16/12 9:06:00 AM
Dil. Factor:	1.52	Date of Analysis:	12/14/12 12:22 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.015	Not Detected	0.039	Not Detected
1,1-Dichloroethene	0.015	Not Detected	0.060	Not Detected
1,1-Dichloroethane	0.030	Not Detected	0.12	Not Detected
cis-1,2-Dichloroethene	0.030	Not Detected	0.12	Not Detected
1,2-Dichloroethane	0.030	Not Detected	0.12	Not Detected
Trichloroethene	0.030	Not Detected	0.16	Not Detected
Tetrachloroethene	0.030	Not Detected	0.21	Not Detected
trans-1,2-Dichloroethene	0.15	Not Detected	0.60	Not Detected
Chloroethane	0.076	Not Detected	0.20	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	104	70-130
4-Bromofluorobenzene	107	70-130



Air Toxics

Client Sample ID: OA2-111512

Lab ID#: 1211513C-19A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v121409sim	Date of Collection: 11/15/12 9:27:00 AM
Dil. Factor:	1.27	Date of Analysis: 12/14/12 01:57 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.013	Not Detected	0.032	Not Detected
1,1-Dichloroethene	0.013	Not Detected	0.050	Not Detected
1,1-Dichloroethane	0.025	Not Detected	0.10	Not Detected
cis-1,2-Dichloroethene	0.025	Not Detected	0.10	Not Detected
1,2-Dichloroethane	0.025	Not Detected	0.10	Not Detected
Trichloroethene	0.025	Not Detected	0.14	Not Detected
Tetrachloroethene	0.025	Not Detected	0.17	Not Detected
trans-1,2-Dichloroethene	0.13	Not Detected	0.50	Not Detected
Chloroethane	0.064	Not Detected	0.17	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	106	70-130
4-Bromofluorobenzene	108	70-130



Air Toxics

Client Sample ID: OA2-111612

Lab ID#: 1211513C-20A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v121410sim	Date of Collection:	11/16/12 8:59:00 AM
Dil. Factor:	1.44	Date of Analysis:	12/14/12 02:33 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.014	Not Detected	0.037	Not Detected
1,1-Dichloroethene	0.014	Not Detected	0.057	Not Detected
1,1-Dichloroethane	0.029	Not Detected	0.12	Not Detected
cis-1,2-Dichloroethene	0.029	Not Detected	0.11	Not Detected
1,2-Dichloroethane	0.029	Not Detected	0.12	Not Detected
Trichloroethene	0.029	Not Detected	0.15	Not Detected
Tetrachloroethene	0.029	Not Detected	0.20	Not Detected
trans-1,2-Dichloroethene	0.14	Not Detected	0.57	Not Detected
Chloroethane	0.072	Not Detected	0.19	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	107	70-130
4-Bromofluorobenzene	111	70-130



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1211513C-21A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v121406sim	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	12/14/12 10:32 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
1,1-Dichloroethene	0.010	Not Detected	0.040	Not Detected
1,1-Dichloroethane	0.020	Not Detected	0.081	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
1,2-Dichloroethane	0.020	Not Detected	0.081	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Chloroethane	0.050	Not Detected	0.13	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	106	70-130
4-Bromofluorobenzene	113	70-130

Client Sample ID: CCV

Lab ID#: 1211513C-22A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v121402sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/14/12 07:14 AM

Compound	%Recovery
Vinyl Chloride	78
1,1-Dichloroethene	83
1,1-Dichloroethane	84
cis-1,2-Dichloroethene	87
1,2-Dichloroethane	80
Trichloroethene	73
Tetrachloroethene	81
trans-1,2-Dichloroethene	86
Chloroethane	87

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	109	70-130

Client Sample ID: LCS

Lab ID#: 1211513C-23A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v121403sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/14/12 08:15 AM

Compound	%Recovery
Vinyl Chloride	77
1,1-Dichloroethene	84
1,1-Dichloroethane	80
cis-1,2-Dichloroethene	84
1,2-Dichloroethane	75
Trichloroethene	72
Tetrachloroethene	76
trans-1,2-Dichloroethene	92
Chloroethane	81

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	104	70-130
4-Bromofluorobenzene	109	70-130

Client Sample ID: LCSD

Lab ID#: 1211513C-23AA

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v121404sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/14/12 09:00 AM

Compound	%Recovery
Vinyl Chloride	84
1,1-Dichloroethene	91
1,1-Dichloroethane	88
cis-1,2-Dichloroethene	91
1,2-Dichloroethane	82
Trichloroethene	79
Tetrachloroethene	85
trans-1,2-Dichloroethene	100
Chloroethane	88

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	109	70-130



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Page 2 of 5

Project Manager Bill Beakie / Meredith D. Andrea
 Collected by: (Print and Sign) Thomas Ashton
 Company MFA Email tashton@maulfooster.com
 Address 2001 NW 14th Ave Suite 200 City Portland State OR Zip 97209
 Phone 503-944-9715 Fax _____

Project Info:	P.O. # _____	Turn Around Time: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	Lab Use Only Pressurized by:
	Project # <u>8006.31.01-05</u>		Date:
Project Name <u>Park Laundry</u>			Pressurization Gas: N ₂ He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
11A	24-CSI-111512	12330	11/15/12	11:34	TO-15 SIM <small>see notes</small>	-30	-5		
12A	27-IA1-111512	33781	11/15/12	08:26		-30	-5		
13A	27-IA2-111512	5761	11/15/12	08:31		-30	-5		
14A	27-CSI-111512	21013	11/15/12	08:53		-28	-0.5		
15A	OA1-111512	20938	11/15/12	09:37		-29.5	-5		
16A	OA2-111512 OA1-111612	31435	11/15/12	08:50		-29	-4.5		
17A	OA3-339 OA3-111512	33938	11/15/12	09:18		-30	-5		
18A	OA3-111612	9925	11/16/12	09:06		-30	-5		
19A	OA2-111512	34485	11/15/12	09:27	hold	-30	0		
20A	OA2-111612	9417	11/16/12	08:59	hold	-30	0		

11/17
11/20
11/20

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>11/20/12 13:00</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>11/20/12 1000</u>
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____

Notes:
TO-15 SIM for select compounds.
see attachment for list of compounds and reporting limits.

Lab Use Only	Shipper Name <u>UPS</u>	Air Bill # _____	Temp (°C) <u>N/A</u>	Condition <u>Good</u>	Custody Seals Intact? Yes No <u>None</u>	Work Order # <u>1211513</u>
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WEST PRINTING & GRAPHICS (916) 704-6000

1211513

Mr. Guy Barrett
 October 12, 2012
 Page 5

Project No. 8006.31.01

SAMPLE ANALYSIS AND QUALITY ASSURANCE

Samples will be analyzed for PCE and associated breakdown products (TCE; 1,1-DCE; cis-1,2-DCE; trans-1,2-DCE; 1,1-DCA; Chloroethane; and vinyl chloride) by Modified U.S. Environmental Protection Agency (USEPA) Method TO-15 selected ion monitoring method to achieve low reporting limits. Eurofins/Air Toxics of Folsom, California, will provide a 6-liter or 1-liter, stainless steel canister (Summa canister) for each sample. Laboratory-specific method reporting limits (MRLs) for VOCs are listed in the following table. The MRLs assume a 6-liter sample size, with the canister dilution factor not incorporated. The dilution factor is determined by the canister size and residual vacuum. For example, a 1-liter sample with a vacuum of 5-inches of mercury would have a MRL approximately 2.4 times higher than the values provided in the following table. If there are high concentrations of nontarget analytes in the samples (e.g., methylene chloride, acetone, toluene), the laboratory may dilute the sample to avoid overloading and damaging its instruments. MFA will coordinate with the laboratory to obtain the lowest possible MRLs.

Table
Analytes, Reporting Limits, and Screening Levels ($\mu\text{g}/\text{m}^3$)

Analyte	CAS Number	Reporting Limit	Screening Level—Air	Screening Level—Soil Gas
PCE	127-18-4	0.14	9.6	96
TCE	79-01-6	0.016	0.37	3.7
1,1-DCE	75-35-4	0.04	91	910
cis-1,2-DCE	156-59-2	0.08	16	160
trans-1,2-DCE	156-60-5	0.40	32	320
1,1-DCA	75-34-3	0.08	320	3200
Chloroethane	75-00-3	0.13	3	30
Vinyl chloride	75-01-4	0.03	0.28	2.8
Helium	7440-59-7	81799	NE	NE
NOTES: Screening levels are based on Table B-1 of Ecology Guidance for Evaluating Soil Vapor Intrusion in Washington State: Investigation and Remedial Action. Values for PCE and TCE are based on CLARC guidance dated September, 2012. CAS = Chemical Abstract Service NE = Not Established $\mu\text{g}/\text{m}^3$ = micrograms per cubic meter.				

MFA will receive the data electronically from the laboratory and the data will be transferred to a GISKey© database. The data will be validated consistent with Ecology and USEPA protocols. To document data reliability, a memorandum will be prepared summarizing

1/10/2013

Mr. Thomas Ashton
Maul Foster and Alongi Inc.
2001 NW 19th Ave
Suite 200
Portland OR 97209

Project Name: Park Laundry
Project #: 8006.31.01-05
Workorder #: 1211513D

Dear Mr. Thomas Ashton

The following report includes the data for the above referenced project for sample(s) received on 11/26/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 SIM are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kelly Buettner
Project Manager

WORK ORDER #: 1211513D

Work Order Summary

CLIENT: Mr. Thomas Ashton
Maul Foster and Alongi Inc.
2001 NW 19th Ave
Suite 200
Portland, OR 97209

BILL TO: Accounts Payable
Maul Foster and Alongi Inc.
400 E. Mill Plain Blvd
Suite 400
Vancouver, WA 98660

PHONE: 971-544-2139

P.O. #

FAX: 971-544-2140

PROJECT # 8006.31.01-05 Park Laundry

DATE RECEIVED: 11/26/2012

CONTACT: Kelly Buettner

DATE COMPLETED: 12/13/2012

DATE REISSUED: 01/10/2013

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	1-IA1-111512	Modified TO-15 SIM	3.0 "Hg	5 psi
02A	1-IA2-111512	Modified TO-15 SIM	0.0 "Hg	5 psi
03A	1-IA3-111512	Modified TO-15 SIM	4.5 "Hg	5 psi
04A	5-IA1-111412	Modified TO-15 SIM	4.0 "Hg	5 psi
05A	5-IA2-111412	Modified TO-15 SIM	3.5 "Hg	5 psi
06A	5-IA3-111412	Modified TO-15 SIM	5.5 "Hg	5 psi
07A	7-IA1-111512	Modified TO-15 SIM	3.5 "Hg	5 psi
08A	7-IA2-111512	Modified TO-15 SIM	3.0 "Hg	5 psi
09A	9-IA1-111212	Modified TO-15 SIM	2.0 "Hg	5 psi
10A	9-IA2-111212	Modified TO-15 SIM	1.0 "Hg	5 psi
11A	24-CS1-111512	Modified TO-15 SIM	5.5 "Hg	5 psi
12A	27-IA1-111512	Modified TO-15 SIM	4.0 "Hg	5 psi
13A	27-IA2-111512	Modified TO-15 SIM	6.0 "Hg	5 psi
14A	27-CS1-111512	Modified TO-15 SIM	0.0 "Hg	5 psi
15A	Lab Blank	Modified TO-15 SIM	NA	NA
16A	CCV	Modified TO-15 SIM	NA	NA
17A	LCS	Modified TO-15 SIM	NA	NA
17AA	LCSD	Modified TO-15 SIM	NA	NA

CERTIFIED BY: 

DATE: 01/10/13

Technical Director

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
TX NELAP - T104704434-12-4, UT NELAP CA009332012-3, WA NELAP - C935

Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)

Accreditation number: CA300005, Effective date: 10/18/2012, Expiration date: 10/17/2013.

Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563

(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020



LABORATORY NARRATIVE
Modified TO-15 SIM
Maul Foster and Alongi Inc.
Workorder# 1211513D

Fourteen 6 Liter Summa Canister (SIM Certified) samples were received on November 26, 2012. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to <math>< 40\%</math> RSD	Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to <math>< 40\%</math> RSD
Daily Calibration	+/- 30% Difference	Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

Despite the use of flow controllers for sample collection, the final canister vacuums for samples 1-IA2-111512 and 27-CS1-111512 were measured at ambient pressure in the field. These ambient pressure readings were confirmed by the laboratory upon sample receipt.

Analytical Notes

Dilution was performed on samples 9-IA1-111212 and 9-IA2-111212 due to the presence of high level non-target species.

This workorder was created to evaluate Trichloroethene (TCE) and 1,2-Dichloroethane (1,2-DCA) in all samples down to the Method Detection Limit to allow for comparison of results to the required screening levels. Please note that this workorder fraction contains only a subset of the requested analytes. The full list evaluated to the Reporting Limit (RL), including TCE and 1,2-DCA, were reported in workorder 1211513A on 12-13-12.

All canisters used for this project have been certified to the RL for the target analytes. Concentrations that are below the level at which the canister was certified may be false positives.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue



Air Toxics

MODIFIED EPA METHOD TO-15 GC/MS SIM

Park Laundry

Client ID:	1-IA1-111512	Date/Time Analyzed:	12/4/12 02:23 PM
Lab ID:	1211513D-01A	Dilution Factor:	1.49
Date/Time Collecte	11/15/12 01:17 PM	Instrument/Filename:	msdv.i / v120407simD
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.0075	0.030	0.12	0.31
Trichloroethene	79-01-6	0.0038	0.040	0.16	1.2

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	106
4-Bromofluorobenzene	460-00-4	70-130	111
Toluene-d8	2037-26-5	70-130	101



Air Toxics

MODIFIED EPA METHOD TO-15 GC/MS SIM

Park Laundry

Client ID:	1-IA2-111512	Date/Time Analyzed:	12/4/12 02:59 PM
Lab ID:	1211513D-02A	Dilution Factor:	1.34
Date/Time Collecte	11/15/12 01:18 PM	Instrument/Filename:	msdv.i / v120408simD
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.0068	0.027	0.11	0.20
Trichloroethene	79-01-6	0.0034	0.036	0.14	1.0

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	105
4-Bromofluorobenzene	460-00-4	70-130	114
Toluene-d8	2037-26-5	70-130	102



Air Toxics

MODIFIED EPA METHOD TO-15 GC/MS SIM

Park Laundry

Client ID:	1-IA3-111512	Date/Time Analyzed:	12/4/12 03:39 PM
Lab ID:	1211513D-03A	Dilution Factor:	1.58
Date/Time Collecte	11/15/12 01:20 PM	Instrument/Filename:	msdv.i / v120409simD
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.0080	0.032	0.13	0.086 J
Trichloroethene	79-01-6	0.0040	0.042	0.17	1.0

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	105
4-Bromofluorobenzene	460-00-4	70-130	114
Toluene-d8	2037-26-5	70-130	102



Air Toxics

MODIFIED EPA METHOD TO-15 GC/MS SIM

Park Laundry

Client ID:	5-IA1-111412	Date/Time Analyzed:	12/4/12 04:18 PM
Lab ID:	1211513D-04A	Dilution Factor:	1.55
Date/Time Collecte	11/14/12 11:16 AM	Instrument/Filename:	msdv.i / v120410simD
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.0078	0.031	0.12	0.093 J
Trichloroethene	79-01-6	0.0039	0.042	0.17	0.063 J

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	106
4-Bromofluorobenzene	460-00-4	70-130	113
Toluene-d8	2037-26-5	70-130	103

MODIFIED EPA METHOD TO-15 GC/MS SIM

Park Laundry

Client ID:	5-IA2-111412	Date/Time Analyzed:	12/4/12 04:54 PM
Lab ID:	1211513D-05A	Dilution Factor:	1.52
Date/Time Collecte	11/14/12 11:19 AM	Instrument/Filename:	msdv.i / v120411simD
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.0077	0.031	0.12	0.11 J
Trichloroethene	79-01-6	0.0038	0.041	0.16	0.17

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	106
4-Bromofluorobenzene	460-00-4	70-130	119
Toluene-d8	2037-26-5	70-130	104



MODIFIED EPA METHOD TO-15 GC/MS SIM

Park Laundry

Client ID:	5-IA3-111412	Date/Time Analyzed:	12/4/12 05:32 PM
Lab ID:	1211513D-06A	Dilution Factor:	1.64
Date/Time Collecte	11/14/12 11:22 AM	Instrument/Filename:	msdv.i / v120412simD
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.0083	0.033	0.13	0.074 J
Trichloroethene	79-01-6	0.0041	0.044	0.18	0.058 J

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	106
4-Bromofluorobenzene	460-00-4	70-130	113
Toluene-d8	2037-26-5	70-130	102

MODIFIED EPA METHOD TO-15 GC/MS SIM

Park Laundry

Client ID:	7-IA1-111512	Date/Time Analyzed:	12/4/12 06:12 PM
Lab ID:	1211513D-07A	Dilution Factor:	1.52
Date/Time Collecte	11/15/12 09:51 AM	Instrument/Filename:	msdv.i / v120413simD
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.0077	0.031	0.12	0.12
Trichloroethene	79-01-6	0.0038	0.041	0.16	0.12 J

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	106
4-Bromofluorobenzene	460-00-4	70-130	110
Toluene-d8	2037-26-5	70-130	101



MODIFIED EPA METHOD TO-15 GC/MS SIM

Park Laundry

Client ID:	7-IA2-111512	Date/Time Analyzed:	12/4/12 07:08 PM
Lab ID:	1211513D-08A	Dilution Factor:	1.49
Date/Time Collecte	11/15/12 09:51 AM	Instrument/Filename:	msdv.i / v120414simD
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.0075	0.030	0.12	0.080 J
Trichloroethene	79-01-6	0.0038	0.040	0.16	0.074 J

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	106
4-Bromofluorobenzene	460-00-4	70-130	110
Toluene-d8	2037-26-5	70-130	101



Air Toxics

MODIFIED EPA METHOD TO-15 GC/MS SIM

Park Laundry

Client ID:	9-IA1-111212	Date/Time Analyzed:	12/4/12 10:35 PM
Lab ID:	1211513D-09A	Dilution Factor:	2.88
Date/Time Collecte	11/12/12 10:03 AM	Instrument/Filename:	msdv.i / v120419simD
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.014	0.058	0.23	0.16 J
Trichloroethene	79-01-6	0.0073	0.077	0.31	0.12 J

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	107
4-Bromofluorobenzene	460-00-4	70-130	111
Toluene-d8	2037-26-5	70-130	102

MODIFIED EPA METHOD TO-15 GC/MS SIM

Park Laundry

Client ID:	9-IA2-111212	Date/Time Analyzed:	12/4/12 11:11 PM
Lab ID:	1211513D-10A	Dilution Factor:	1.74
Date/Time Collecte	11/12/12 10:02 AM	Instrument/Filename:	msdv.i / v120420simD
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.0088	0.035	0.14	0.12 J
Trichloroethene	79-01-6	0.0044	0.047	0.19	0.056 J

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	106
4-Bromofluorobenzene	460-00-4	70-130	113
Toluene-d8	2037-26-5	70-130	103



Air Toxics

MODIFIED EPA METHOD TO-15 GC/MS SIM

Park Laundry

Client ID:	24-CS1-111512	Date/Time Analyzed:	12/4/12 08:02 PM
Lab ID:	1211513D-11A	Dilution Factor:	1.64
Date/Time Collecte	11/15/12 11:34 AM	Instrument/Filename:	msdv.i / v120415simD
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.0083	0.033	0.13	0.061 J
Trichloroethene	79-01-6	0.0041	0.044	0.18	0.051 J

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	109
4-Bromofluorobenzene	460-00-4	70-130	112
Toluene-d8	2037-26-5	70-130	103

MODIFIED EPA METHOD TO-15 GC/MS SIM

Park Laundry

Client ID:	27-IA1-111512	Date/Time Analyzed:	12/4/12 08:45 PM
Lab ID:	1211513D-12A	Dilution Factor:	1.55
Date/Time Collecte	11/15/12 08:26 AM	Instrument/Filename:	msdv.i / v120416simD
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.0078	0.031	0.12	1.5
Trichloroethene	79-01-6	0.0039	0.042	0.17	0.083 J

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	107
4-Bromofluorobenzene	460-00-4	70-130	109
Toluene-d8	2037-26-5	70-130	103



Air Toxics

MODIFIED EPA METHOD TO-15 GC/MS SIM

Park Laundry

Client ID:	27-IA2-111512	Date/Time Analyzed:	12/4/12 09:23 PM
Lab ID:	1211513D-13A	Dilution Factor:	1.68
Date/Time Collecte	11/15/12 08:31 AM	Instrument/Filename:	msdv.i / v120417simD
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.0085	0.034	0.14	1.5
Trichloroethene	79-01-6	0.0042	0.045	0.18	0.050 J

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	106
4-Bromofluorobenzene	460-00-4	70-130	108
Toluene-d8	2037-26-5	70-130	103

MODIFIED EPA METHOD TO-15 GC/MS SIM

Park Laundry

Client ID:	27-CS1-111512	Date/Time Analyzed:	12/4/12 09:59 PM
Lab ID:	1211513D-14A	Dilution Factor:	1.34
Date/Time Collecte	11/15/12 08:53 AM	Instrument/Filename:	msdv.i / v120418simD
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.0068	0.027	0.11	0.17
Trichloroethene	79-01-6	0.0034	0.036	0.14	0.053 J

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	107
4-Bromofluorobenzene	460-00-4	70-130	112
Toluene-d8	2037-26-5	70-130	103

MODIFIED EPA METHOD TO-15 GC/MS SIM

Park Laundry

Client ID:	Lab Blank	Date/Time Analyzed:	12/4/12 01:32 PM
Lab ID:	1211513D-15A	Dilution Factor:	1.00
Date/Time Collecte	NA - Not Applicable	Instrument/Filename:	msdv.i / v120406simD
Media:	NA - Not Applicable		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.0050	0.020	0.081	0.025 J
Trichloroethene	79-01-6	0.0025	0.027	0.11	0.052 J

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	104
4-Bromofluorobenzene	460-00-4	70-130	110
Toluene-d8	2037-26-5	70-130	106

MODIFIED EPA METHOD TO-15 GC/MS SIM
Park Laundry

Client ID:	CCV	Date/Time Analyzed:	12/4/12 09:25 AM
Lab ID:	1211513D-16A	Dilution Factor:	1.00
Date/Time Collecte	NA - Not Applicable	Instrument/Filename:	msdv.i / v120402sim
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
1,2-Dichloroethane	107-06-2	93
Trichloroethene	79-01-6	81

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	109
4-Bromofluorobenzene	460-00-4	70-130	103
Toluene-d8	2037-26-5	70-130	101

MODIFIED EPA METHOD TO-15 GC/MS SIM
Park Laundry

Client ID:	LCS	Date/Time Analyzed:	12/4/12 11:20 AM
Lab ID:	1211513D-17A	Dilution Factor:	1.00
Date/Time Collecte	NA - Not Applicable	Instrument/Filename:	msdv.i / v120404sim
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
1,2-Dichloroethane	107-06-2	91
Trichloroethene	79-01-6	80

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	106
4-Bromofluorobenzene	460-00-4	70-130	109
Toluene-d8	2037-26-5	70-130	101

* % Recovery is calculated using unrounded analytical results.

MODIFIED EPA METHOD TO-15 GC/MS SIM
Park Laundry

Client ID:	LCSD	Date/Time Analyzed:	12/4/12 12:39 PM
Lab ID:	1211513D-17AA	Dilution Factor:	1.00
Date/Time Collecte	NA - Not Applicable	Instrument/Filename:	msdv.i / v120405sim
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
1,2-Dichloroethane	107-06-2	91
Trichloroethene	79-01-6	80

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	106
4-Bromofluorobenzene	460-00-4	70-130	112
Toluene-d8	2037-26-5	70-130	102

* % Recovery is calculated using unrounded analytical results.

Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

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Page 1 of 5

Project Manager Bill Beattie / Meredith D'Andrea
 Collected by: (Print and Sign) Thomas Ashton
 Company MFA Email tashton@maufoster.com
 Address 2001 NW 19th Ave City Portland State OR Zip 97209
 Phone 503-944-9715 ^{suite 200} Fax _____

Project Info:	Turn Around Time:	Lab Use Only
	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	Pressurized by: Date: Pressurization Gas: N ₂ He
P.O. # _____		
Project # <u>8006-31-01-05</u>		
Project Name <u>Park Laundry</u>		

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
01A	1-IA1-111512	33558	11/15/12	13:17	TO-15 SIM <small>see notes</small>	-30	-4.5		
02A	1-IA2-111512	3748	11/15/12	13:18	hold	-30	0		
03A	1-IA3-111512	34306	11/15/12	13:20	TO-15 SIM <small>see notes</small>	-29	-4.5		
04A	5-IA1-111412	424	11/14/12	11:16		-30	-3.5		
05A	5-IA2-111412	3734	11/14/12	11:19		-30	-3.5		
06A	5-IA3-111412	4383	11/14/12	11:22		-30	-5		
07A	7-IA1-111512	14122	11/15/12	09:51		-30	-5		
08A	7-IA2-111512	35241	11/15/12	09:51		-30	-2.5		
09A	9-IA1-111212	33565	11/12/12	10:03		-28	-3.5		
10A	9-IA2-111212	32130	11/12/12	10:02		-30	-2		

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>11/20/12 13:00</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>11/26/12 1000</u>	Notes: TO-15 SIM for select compounds, see attachment for list of compounds and reporting limits.
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name <u>UPS</u>	Air Bill # _____	Temp (°C) <u>N/A</u>	Condition <u>Good</u>	Custody Seals Intact? Yes No <u>None</u>	Work Order # <u>1211513</u>
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Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

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FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Page 2 of 3

Project Manager Bill Beattie / Meredith D. Anderson
 Collected by: (Print and Sign) Thomas Ashton
 Company UFA Email tashon@maul-foster.com
 Address 2001 NW 14th Ave Suite 200 City Portland State OR Zip 97229
 Phone 503-944-9715 Fax _____

Project Info:	P.O. # _____	Turn Around Time: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	Lab Use Only
	Project # <u>8006-31.01-05</u>		Pressurized by:
Project Name <u>Park Laundry</u>			Date:
			Pressurization Gas: <u>N₂</u> He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
11A	24-CSI-111512	12330	11/15/12	11:34	TO-15 SIM <small>see notes</small>	-30	-5		
12A	27-IA1-111512	33781	11/15/12	08:26		-30	-5		
13A	27-IA2-111512	5761	11/15/12	08:31		-30	-5		
14A	27-CSI-111512	21013	11/15/12	08:53		-28	-0.5		
15A	0A1-111512	20438	11/15/12	09:37		-29.5	-5		
16A	0A2-111512 0A1-111612	31435	11/16/12	08:50		-29	-4.5		
17A	0A3-339 0A3-111512	33938	11/15/12	09:18		-30	-5		
18A	0A3-111612	9925	11/16/12	09:06		-30	-5		
19A	0A2-111512	34485	11/15/12	09:27	hold	-30	0		
20A	0A2-111612	9417	11/16/12	08:59	hold	-30	0		

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>11/20/12 13:00</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>11/20/12 1000</u>
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____

Notes:
TO-15 SIM for select compounds.
see attachment for list of compounds and reporting limits.

Lab Use Only	Shipper Name <u>WPS</u>	Air Bill # _____	Temp (°C) <u>N/A</u>	Condition <u>Good</u>	Custody Seals Intact? Yes No <u>None</u>	Work Order # <u>1211513</u>
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1211513

Mr. Guy Barrett
 October 12, 2012
 Page 5

Project No. 8006.31.01

SAMPLE ANALYSIS AND QUALITY ASSURANCE

Samples will be analyzed for PCE and associated breakdown products (TCE; 1,1-DCE; cis-1,2-DCE; trans-1,2-DCE; 1,1-DCA; Chloroethane; and vinyl chloride) by Modified U.S. Environmental Protection Agency (USEPA) Method TO-15 selected ion monitoring method to achieve low reporting limits. Eurofins/Air Toxics of Folsom, California, will provide a 6-liter or 1-liter, stainless steel canister (Summa canister) for each sample. Laboratory-specific method reporting limits (MRLs) for VOCs are listed in the following table. The MRLs assume a 6-liter sample size, with the canister dilution factor not incorporated. The dilution factor is determined by the canister size and residual vacuum. For example, a 1-liter sample with a vacuum of 5-inches of mercury would have a MRL approximately 2.4 times higher than the values provided in the following table. If there are high concentrations of nontarget analytes in the samples (e.g., methylene chloride, acetone, toluene), the laboratory may dilute the sample to avoid overloading and damaging its instruments. MFA will coordinate with the laboratory to obtain the lowest possible MRLs.

Table
Analytes, Reporting Limits, and Screening Levels ($\mu\text{g}/\text{m}^3$)

Analyte	CAS Number	Reporting Limit	Screening Level—Air	Screening Level—Soil Gas
PCE	127-18-4	0.14	9.6	96
TCE	79-01-6	0.016	0.37	3.7
1,1-DCE	75-35-4	0.04	91	910
cis-1,2-DCE	156-59-2	0.08	16	160
trans-1,2-DCE	156-60-5	0.40	32	320
1,1-DCA	75-34-3	0.08	320	3200
Chloroethane	75-00-3	0.13	3	30
Vinyl chloride	75-01-4	0.03	0.28	2.8
Helium	7440-59-7	81799	NE	NE

NOTES:
 Screening levels are based on Table B-1 of Ecology Guidance for Evaluating Soil Vapor Intrusion in Washington State: Investigation and Remedial Action. Values for PCE and TCE are based on CLARC guidance dated September, 2012.
 CAS = Chemical Abstract Service
 NE = Not Established
 $\mu\text{g}/\text{m}^3$ = micrograms per cubic meter.

MFA will receive the data electronically from the laboratory and the data will be transferred to a GISKey© database. The data will be validated consistent with Ecology and USEPA protocols. To document data reliability, a memorandum will be prepared summarizing

1/10/2013

Mr. Thomas Ashton
Maul Foster and Alongi Inc.
2001 NW 19th Ave
Suite 200
Portland OR 97209

Project Name: Park Laundry

Project #: 8006.31.01-05

Workorder #: 1211513E

Dear Mr. Thomas Ashton

The following report includes the data for the above referenced project for sample(s) received on 11/26/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 SIM are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kelly Buettner
Project Manager

WORK ORDER #: 1211513E

Work Order Summary

CLIENT:	Mr. Thomas Ashton Maul Foster and Alongi Inc. 2001 NW 19th Ave Suite 200 Portland, OR 97209	BILL TO:	Accounts Payable Maul Foster and Alongi Inc. 400 E. Mill Plain Blvd Suite 400 Vancouver, WA 98660
PHONE:	971-544-2139	P.O. #	
FAX:	971-544-2140	PROJECT #	8006.31.01-05 Park Laundry
DATE RECEIVED:	11/26/2012	CONTACT:	Kelly Buettner
DATE COMPLETED:	12/14/2012		
DATE REISSUED:	01/10/2013		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
16A	OA1-111612	Modified TO-15 SIM	4.0 "Hg	5 psi
17A	OA3-111512	Modified TO-15 SIM	4.0 "Hg	5 psi
18A	Lab Blank	Modified TO-15 SIM	NA	NA
19A	CCV	Modified TO-15 SIM	NA	NA
20A	LCS	Modified TO-15 SIM	NA	NA
20AA	LCSD	Modified TO-15 SIM	NA	NA

CERTIFIED BY: 
 Technical Director

DATE: 01/10/13

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
 TX NELAP - T104704434-12-4, UT NELAP CA009332012-3, WA NELAP - C935

Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
 Accreditation number: CA300005, Effective date: 10/18/2012, Expiration date: 10/17/2013.

Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15 SIM
Maul Foster and Alongi Inc.
Workorder# 1211513E

Two 6 Liter Summa Canister (SIM Certified) samples were received on November 26, 2012. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to $< 40\%$ RSD	Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to $< 40\%$ RSD
Daily Calibration	$\pm 30\%$ Difference	Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

This workorder was created to evaluate Trichloroethene (TCE) and 1,2-Dichloroethane (1,2-DCA) in all samples down to the Method Detection Limit to allow for comparison of results to the required screening levels. Please note that this workorder fraction contains only a subset of the requested analytes. The full list evaluated to the Reporting Limit (RL), including TCE and 1,2-DCA, were reported in workorder 1211513A on 12-14-12.

All canisters used for this project have been certified to the RL for the target analytes. Concentrations that are below the level at which the canister was certified may be false positives.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction

not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

MODIFIED EPA METHOD TO-15 GC/MS SIM

Park Laundry

Client ID:	OA1-111612	Date/Time Analyzed:	12/5/12 07:21 AM
Lab ID:	1211513E-16A	Dilution Factor:	1.55
Date/Time Collecte	11/16/12 08:50 AM	Instrument/Filename:	msda.i / a120417simE
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.0068	0.031	0.12	0.062 J
Trichloroethene	79-01-6	0.023	0.042	0.17	0.047 J

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	0-130	118
4-Bromofluorobenzene	460-00-4	0-130	100
Toluene-d8	2037-26-5	0-130	101

MODIFIED EPA METHOD TO-15 GC/MS SIM

Park Laundry

Client ID:	OA3-111512	Date/Time Analyzed:	12/5/12 08:09 AM
Lab ID:	1211513E-17A	Dilution Factor:	1.55
Date/Time Collecte	11/15/12 09:18 AM	Instrument/Filename:	msda.i / a120418simE
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.0068	0.031	0.12	0.26
Trichloroethene	79-01-6	0.023	0.042	0.17	0.064 J

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	0-130	115
4-Bromofluorobenzene	460-00-4	0-130	96
Toluene-d8	2037-26-5	0-130	100



MODIFIED EPA METHOD TO-15 GC/MS SIM
Park Laundry

Client ID:	Lab Blank	Date/Time Analyzed:	12/4/12 10:19 PM
Lab ID:	1211513E-18A	Dilution Factor:	1.00
Date/Time Collecte	NA - Not Applicable	Instrument/Filename:	msda.i / a120416simE
Media:	NA - Not Applicable		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.0044	0.020	0.081	Not Detected
Trichloroethene	79-01-6	0.015	0.027	0.11	Not Detected

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	0-130	118
4-Bromofluorobenzene	460-00-4	0-130	99
Toluene-d8	2037-26-5	0-130	102

MODIFIED EPA METHOD TO-15 GC/MS SIM

Park Laundry

Client ID:	CCV	Date/Time Analyzed:	12/4/12 06:01 PM
Lab ID:	1211513E-19A	Dilution Factor:	1.00
Date/Time Collecte	NA - Not Applicable	Instrument/Filename:	msda.i / a120412sim
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
1,2-Dichloroethane	107-06-2	125
Trichloroethene	79-01-6	101

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	114
4-Bromofluorobenzene	460-00-4	70-130	101
Toluene-d8	2037-26-5	70-130	102

MODIFIED EPA METHOD TO-15 GC/MS SIM
Park Laundry

Client ID:	LCS	Date/Time Analyzed:	12/4/12 06:51 PM
Lab ID:	1211513E-20A	Dilution Factor:	1.00
Date/Time Collecte	NA - Not Applicable	Instrument/Filename:	msda.i / a120413sim
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
1,2-Dichloroethane	107-06-2	120
Trichloroethene	79-01-6	95

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	121
4-Bromofluorobenzene	460-00-4	70-130	110
Toluene-d8	2037-26-5	70-130	106

* % Recovery is calculated using unrounded analytical results.

MODIFIED EPA METHOD TO-15 GC/MS SIM
Park Laundry

Client ID:	LCSD	Date/Time Analyzed:	12/4/12 07:46 PM
Lab ID:	1211513E-20AA	Dilution Factor:	1.00
Date/Time Collecte	NA - Not Applicable	Instrument/Filename:	msda.i / a120414sim
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
1,2-Dichloroethane	107-06-2	116
Trichloroethene	79-01-6	96

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	122
4-Bromofluorobenzene	460-00-4	70-130	101
Toluene-d8	2037-26-5	70-130	110

* % Recovery is calculated using unrounded analytical results.



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

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FOLSOM, CA 95630-4719
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Page 2 of 5

Project Manager Bill Beakie / Meredith D. Andrea
 Collected by: (Print and Sign) Thomas Ashton
 Company MFA Email tashton@maulfooster.com
 Address 2001 NW 14th Ave Suite 200 City Portland State OR Zip 97209
 Phone 503-944-9715 Fax _____

Project Info:	P.O. # _____	Turn Around Time: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	Lab Use Only Pressurized by:
	Project # <u>8006.31.01-05</u>		Date:
Project Name <u>Park Laundry</u>			Pressurization Gas: N ₂ He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
11A	24-CSI-111512	12330	11/15/12	11:34	TO-15 SIM <small>see notes</small>	-30	-5		
12A	27-IA1-111512	33781	11/15/12	08:26		-30	-5		
13A	27-IA2-111512	5761	11/15/12	08:31		-30	-5		
14A	27-CSI-111512	21013	11/15/12	08:53		-28	-0.5		
15A	OA1-111512	20938	11/15/12	09:37		-29.5	-5		
16A	OA2-111512 OA1-111612	31435	11/15/12	08:50		-29	-4.5		
17A	OA3-339 OA3-111512	33938	11/15/12	09:18		-30	-5		
18A	OA3-111612	9925	11/16/12	09:06		-30	-5		
19A	OA2-111512	34485	11/15/12	09:27	hold	-30	0		
20A	OA2-111612	9417	11/16/12	08:59	hold	-30	0		

11/20
11/20

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>11/20/12 13:00</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>11/20/12 1000</u>
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____

Notes:
TO-15 SIM for select compounds.
see attachment for list of compounds and reporting limits.

Lab Use Only	Shipper Name <u>UPS</u>	Air Bill # _____	Temp (°C) <u>N/A</u>	Condition <u>Good</u>	Custody Seals Intact? Yes No <u>None</u>	Work Order # <u>1211513</u>
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1211513

Mr. Guy Barrett
 October 12, 2012
 Page 5

Project No. 8006.31.01

SAMPLE ANALYSIS AND QUALITY ASSURANCE

Samples will be analyzed for PCE and associated breakdown products (TCE; 1,1-DCE; cis-1,2-DCE; trans-1,2-DCE; 1,1-DCA; Chloroethane; and vinyl chloride) by Modified U.S. Environmental Protection Agency (USEPA) Method TO-15 selected ion monitoring method to achieve low reporting limits. Eurofins/Air Toxics of Folsom, California, will provide a 6-liter or 1-liter, stainless steel canister (Summa canister) for each sample. Laboratory-specific method reporting limits (MRLs) for VOCs are listed in the following table. The MRLs assume a 6-liter sample size, with the canister dilution factor not incorporated. The dilution factor is determined by the canister size and residual vacuum. For example, a 1-liter sample with a vacuum of 5-inches of mercury would have a MRL approximately 2.4 times higher than the values provided in the following table. If there are high concentrations of nontarget analytes in the samples (e.g., methylene chloride, acetone, toluene), the laboratory may dilute the sample to avoid overloading and damaging its instruments. MFA will coordinate with the laboratory to obtain the lowest possible MRLs.

Table
Analytes, Reporting Limits, and Screening Levels ($\mu\text{g}/\text{m}^3$)

Analyte	CAS Number	Reporting Limit	Screening Level—Air	Screening Level—Soil Gas
PCE	127-18-4	0.14	9.6	96
TCE	79-01-6	0.016	0.37	3.7
1,1-DCE	75-35-4	0.04	91	910
cis-1,2-DCE	156-59-2	0.08	16	160
trans-1,2-DCE	156-60-5	0.40	32	320
1,1-DCA	75-34-3	0.08	320	3200
Chloroethane	75-00-3	0.13	3	30
Vinyl chloride	75-01-4	0.03	0.28	2.8
Helium	7440-59-7	81799	NE	NE
NOTES: Screening levels are based on Table B-1 of Ecology Guidance for Evaluating Soil Vapor Intrusion in Washington State: Investigation and Remedial Action. Values for PCE and TCE are based on CLARC guidance dated September, 2012. CAS = Chemical Abstract Service NE = Not Established $\mu\text{g}/\text{m}^3$ = micrograms per cubic meter.				

MFA will receive the data electronically from the laboratory and the data will be transferred to a GISKey© database. The data will be validated consistent with Ecology and USEPA protocols. To document data reliability, a memorandum will be prepared summarizing

1/13/2013

Mr. Thomas Ashton
Maul Foster and Alongi Inc.
2001 NW 19th Ave
Suite 200
Portland OR 97209

Project Name: Park Laundry
Project #: 8006.31.01-05
Workorder #: 1211513FR1

Dear Mr. Thomas Ashton

The following report includes the data for the above referenced project for sample(s) received on 11/26/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 SIM are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kelly Buettner
Project Manager

WORK ORDER #: 1211513FR1

Work Order Summary

CLIENT:	Mr. Thomas Ashton Maul Foster and Alongi Inc. 2001 NW 19th Ave Suite 200 Portland, OR 97209	BILL TO:	Accounts Payable Maul Foster and Alongi Inc. 400 E. Mill Plain Blvd Suite 400 Vancouver, WA 98660
PHONE:	971-544-2139	P.O. #	
FAX:	971-544-2140	PROJECT #	8006.31.01-05 Park Laundry
DATE RECEIVED:	11/26/2012	CONTACT:	Kelly Buettner
DATE COMPLETED:	12/26/2012		
DATE REISSUED:	01/13/2013		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
15A	OA1-111512	Modified TO-15 SIM	3.5 "Hg	5 psi
18A	OA3-111612	Modified TO-15 SIM	3.5 "Hg	5 psi
19A	OA2-111512	Modified TO-15 SIM	0.8 psi	5 psi
20A	OA2-111612	Modified TO-15 SIM	2.0 "Hg	5 psi
21A	Lab Blank	Modified TO-15 SIM	NA	NA
22A	CCV	Modified TO-15 SIM	NA	NA
23A	LCS	Modified TO-15 SIM	NA	NA
23AA	LCSD	Modified TO-15 SIM	NA	NA

CERTIFIED BY: 
 Technical Director

DATE: 01/13/13

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
 TX NELAP - T104704434-12-4, UT NELAP CA009332012-3, WA NELAP - C935

Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
 Accreditation number: CA300005, Effective date: 10/18/2012, Expiration date: 10/17/2013.

Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15 SIM
Maul Foster and Alongi Inc.
Workorder# 1211513FR1

Four 6 Liter Summa Canister (SIM Certified) samples were received on November 26, 2012. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to <math>< 40\%</math> RSD	Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to <math>< 40\%</math> RSD
Daily Calibration	+/- 30% Difference	Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

Despite the use of flow controllers for sample collection, the final canister vacuum for sample OA2-111512 was measured at ambient pressure in the field. This ambient pressure reading was confirmed by the laboratory upon sample receipt.

Samples OA1-111512, OA3-111612, OA2-111512 and OA2-111612 were removed from "Hold" and placed on "Active" status per client request on December 14, 2012.

Analytical Notes

There were no analytical discrepancies.

This workorder was created to evaluate Trichloroethene (TCE) and 1,2-Dichloroethane (1,2-DCA) in all samples down to the Method Detection Limit to allow for comparison of results to the required screening levels. Please note that this workorder fraction contains only a subset of the requested analytes. The full list evaluated to the Reporting Limit (RL), including TCE and 1,2-DCA, were reported in workorder 1211513C on 12-26-12.

All canisters used for this project have been certified to the RL for the target analytes. Concentrations that are below the level at which the canister was certified may be false positives.

THE WORK ORDER WAS RE-ISSUED ON 1/13/13 TO INCLUDE THE MDL VALUES IN THE FINAL REPORT.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

MODIFIED EPA METHOD TO-15 GC/MS SIM

Park Laundry

Client ID:	OA1-111512	Date/Time Analyzed:	12/14/12 11:29 AM
Lab ID:	1211513FR1-15A	Dilution Factor:	1.52
Date/Time Collecte	11/15/12 09:37 AM	Instrument/Filename:	msdv.i / v121407simF
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.0077	0.031	0.12	0.081 J
Trichloroethene	79-01-6	0.0038	0.041	0.16	0.053 J

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	102
4-Bromofluorobenzene	460-00-4	70-130	111
Toluene-d8	2037-26-5	70-130	104



Air Toxics

MODIFIED EPA METHOD TO-15 GC/MS SIM

Park Laundry

Client ID:	OA3-111612	Date/Time Analyzed:	12/14/12 12:22 PM
Lab ID:	1211513FR1-18A	Dilution Factor:	1.52
Date/Time Collecte	11/16/12 09:06 AM	Instrument/Filename:	msdv.i / v121408simF
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.0077	0.031	0.12	0.068 J
Trichloroethene	79-01-6	0.0038	0.041	0.16	0.060 J

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	102
4-Bromofluorobenzene	460-00-4	70-130	107
Toluene-d8	2037-26-5	70-130	104

MODIFIED EPA METHOD TO-15 GC/MS SIM

Park Laundry

Client ID:	OA2-111512	Date/Time Analyzed:	12/14/12 01:57 PM
Lab ID:	1211513FR1-19A	Dilution Factor:	1.27
Date/Time Collecte	11/15/12 09:27 AM	Instrument/Filename:	msdv.i / v121409simF
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.0064	0.026	0.10	0.056 J
Trichloroethene	79-01-6	0.0032	0.034	0.14	0.048 J

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	101
4-Bromofluorobenzene	460-00-4	70-130	108
Toluene-d8	2037-26-5	70-130	106



MODIFIED EPA METHOD TO-15 GC/MS SIM

Park Laundry

Client ID:	OA2-111612	Date/Time Analyzed:	12/14/12 02:33 PM
Lab ID:	1211513FR1-20A	Dilution Factor:	1.44
Date/Time Collecte	11/16/12 08:59 AM	Instrument/Filename:	msdv.i / v121410simF
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.0073	0.029	0.12	0.069 J
Trichloroethene	79-01-6	0.0036	0.039	0.15	0.047 J

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	102
4-Bromofluorobenzene	460-00-4	70-130	111
Toluene-d8	2037-26-5	70-130	107



MODIFIED EPA METHOD TO-15 GC/MS SIM
Park Laundry

Client ID:	Lab Blank	Date/Time Analyzed:	12/14/12 10:32 AM
Lab ID:	1211513FR1-21A	Dilution Factor:	1.00
Date/Time Collecte	NA - Not Applicable	Instrument/Filename:	msdv.i / v121406simF
Media:	NA - Not Applicable		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.0050	0.020	0.081	0.016 J
Trichloroethene	79-01-6	0.0025	0.027	0.11	0.023 J

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	100
4-Bromofluorobenzene	460-00-4	70-130	113
Toluene-d8	2037-26-5	70-130	106

MODIFIED EPA METHOD TO-15 GC/MS SIM

Park Laundry

Client ID:	CCV	Date/Time Analyzed:	12/14/12 07:14 AM
Lab ID:	1211513FR1-22A	Dilution Factor:	1.00
Date/Time Collecte	NA - Not Applicable	Instrument/Filename:	msdv.i / v121402sim
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
1,2-Dichloroethane	107-06-2	80
Trichloroethene	79-01-6	73

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	102
4-Bromofluorobenzene	460-00-4	70-130	109
Toluene-d8	2037-26-5	70-130	103

MODIFIED EPA METHOD TO-15 GC/MS SIM

Park Laundry

Client ID:	LCS	Date/Time Analyzed:	12/14/12 08:15 AM
Lab ID:	1211513FR1-23A	Dilution Factor:	1.00
Date/Time Collecte	NA - Not Applicable	Instrument/Filename:	msdv.i / v121403sim
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
1,2-Dichloroethane	107-06-2	75
Trichloroethene	79-01-6	72

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	100
4-Bromofluorobenzene	460-00-4	70-130	109
Toluene-d8	2037-26-5	70-130	104

* % Recovery is calculated using unrounded analytical results.

MODIFIED EPA METHOD TO-15 GC/MS SIM
Park Laundry

Client ID:	LCSD	Date/Time Analyzed:	12/14/12 09:00 AM
Lab ID:	1211513FR1-23AA	Dilution Factor:	1.00
Date/Time Collecte	NA - Not Applicable	Instrument/Filename:	msdv.i / v121404sim
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
1,2-Dichloroethane	107-06-2	82
Trichloroethene	79-01-6	79

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	100
4-Bromofluorobenzene	460-00-4	70-130	109
Toluene-d8	2037-26-5	70-130	103

* % Recovery is calculated using unrounded analytical results.



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Page 2 of 5

Project Manager Bill Beakie / Meredith D. Andrea
 Collected by: (Print and Sign) Thomas Ashton
 Company MFA Email tashon@maulfooster.com
 Address 2001 NW 14th Ave Suite 200 City Portland State OR Zip 97209
 Phone 503-944-9715 Fax _____

Project Info:	P.O. # _____	Turn Around Time: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	Lab Use Only Pressurized by:
	Project # <u>8006.31.01-05</u>		Date:
Project Name <u>Park Laundry</u>			Pressurization Gas: N ₂ He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
11A	24-CSI-111512	12330	11/15/12	11:34	TO-15 SIM <small>see notes</small>	-30	-5		
12A	27-IA1-111512	33781	11/15/12	08:26		-30	-5		
13A	27-IA2-111512	5761	11/15/12	08:31		-30	-5		
14A	27-CSI-111512	21013	11/15/12	08:53		-28	-0.5		
15A	OA1-111512	20938	11/15/12	09:37		-29.5	-5		
16A	OA2-111512 OA1-111612	31435	11/15/12	08:50		-29	-4.5		
17A	OA3-339 OA3-111512	33938	11/15/12	09:18		-30	-5		
18A	OA3-111612	9925	11/16/12	09:06		-30	-5		
19A	OA2-111512	34485	11/15/12	09:27	hold	-30	0		
20A	OA2-111612	9417	11/16/12	08:59	hold	-30	0		

11/20
11/20

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>11/20/12 13:00</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>11/20/12 1000</u>
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____

Notes:
TO-15 SIM for select compounds.
see attachment for list of compounds and reporting limits.

Lab Use Only	Shipper Name <u>UPS</u>	Air Bill # _____	Temp (°C) <u>N/A</u>	Condition <u>Good</u>	Custody Seals Intact? Yes No <u>None</u>	Work Order # <u>1211513</u>
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WEST PRINTING & GRAPHICS (916) 704-6000

1211513

Mr. Guy Barrett
 October 12, 2012
 Page 5

Project No. 8006.31.01

SAMPLE ANALYSIS AND QUALITY ASSURANCE

Samples will be analyzed for PCE and associated breakdown products (TCE; 1,1-DCE; cis-1,2-DCE; trans-1,2-DCE; 1,1-DCA; Chloroethane; and vinyl chloride) by Modified U.S. Environmental Protection Agency (USEPA) Method TO-15 selected ion monitoring method to achieve low reporting limits. Eurofins/Air Toxics of Folsom, California, will provide a 6-liter or 1-liter, stainless steel canister (Summa canister) for each sample. Laboratory-specific method reporting limits (MRLs) for VOCs are listed in the following table. The MRLs assume a 6-liter sample size, with the canister dilution factor not incorporated. The dilution factor is determined by the canister size and residual vacuum. For example, a 1-liter sample with a vacuum of 5-inches of mercury would have a MRL approximately 2.4 times higher than the values provided in the following table. If there are high concentrations of nontarget analytes in the samples (e.g., methylene chloride, acetone, toluene), the laboratory may dilute the sample to avoid overloading and damaging its instruments. MFA will coordinate with the laboratory to obtain the lowest possible MRLs.

Table
Analytes, Reporting Limits, and Screening Levels ($\mu\text{g}/\text{m}^3$)

Analyte	CAS Number	Reporting Limit	Screening Level—Air	Screening Level—Soil Gas
PCE	127-18-4	0.14	9.6	96
TCE	79-01-6	0.016	0.37	3.7
1,1-DCE	75-35-4	0.04	91	910
cis-1,2-DCE	156-59-2	0.08	16	160
trans-1,2-DCE	156-60-5	0.40	32	320
1,1-DCA	75-34-3	0.08	320	3200
Chloroethane	75-00-3	0.13	3	30
Vinyl chloride	75-01-4	0.03	0.28	2.8
Helium	7440-59-7	81799	NE	NE
NOTES: Screening levels are based on Table B-1 of Ecology Guidance for Evaluating Soil Vapor Intrusion in Washington State: Investigation and Remedial Action. Values for PCE and TCE are based on CLARC guidance dated September, 2012. CAS = Chemical Abstract Service NE = Not Established $\mu\text{g}/\text{m}^3$ = micrograms per cubic meter.				

MFA will receive the data electronically from the laboratory and the data will be transferred to a GISKey© database. The data will be validated consistent with Ecology and USEPA protocols. To document data reliability, a memorandum will be prepared summarizing

12/13/2012

Mr. Thomas Ashton
Maul Foster and Alongi Inc.
2001 NW 19th Ave
Suite 200
Portland OR 97209

Project Name: Park Laundry
Project #: 8006.31.01-05
Workorder #: 1211514A

Dear Mr. Thomas Ashton

The following report includes the data for the above referenced project for sample(s) received on 11/26/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 SIM are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kelly Buettner
Project Manager

WORK ORDER #: 1211514A

Work Order Summary

CLIENT:	Mr. Thomas Ashton Maul Foster and Alongi Inc. 2001 NW 19th Ave Suite 200 Portland, OR 97209	BILL TO:	Accounts Payable Maul Foster and Alongi Inc. 400 E. Mill Plain Blvd Suite 400 Vancouver, WA 98660
PHONE:	971-544-2139	P.O. #	
FAX:	971-544-2140	PROJECT #	8006.31.01-05 Park Laundry
DATE RECEIVED:	11/26/2012	CONTACT:	Kelly Buettner
DATE COMPLETED:	12/13/2012		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	10-IA1-111512	Modified TO-15 SIM	7.0 "Hg	5 psi
02A	10-IA2-111512	Modified TO-15 SIM	5.0 "Hg	5 psi
03A	10-CS1-111512	Modified TO-15 SIM	0.8 "Hg	5 psi
04A	11-IA1-111512	Modified TO-15 SIM	4.8 "Hg	5 psi
05A	11-IA2-111512	Modified TO-15 SIM	3.6 "Hg	5 psi
06A	11-IA3-111512	Modified TO-15 SIM	3.6 "Hg	5 psi
07A	13-IA1-111612	Modified TO-15 SIM	4.2 "Hg	5 psi
08A	13-IA2-111612	Modified TO-15 SIM	4.8 "Hg	5 psi
09A	24-IA1-111612	Modified TO-15 SIM	3.8 "Hg	5 psi
10A	24-IA2-111612	Modified TO-15 SIM	4.0 "Hg	5 psi
11A	Lab Blank	Modified TO-15 SIM	NA	NA
12A	CCV	Modified TO-15 SIM	NA	NA
13A	LCS	Modified TO-15 SIM	NA	NA
13AA	LCSD	Modified TO-15 SIM	NA	NA

CERTIFIED BY: 
 Technical Director

DATE: 12/13/12

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
 TX NELAP - T104704434-12-5, UT NELAP CA009332012-3, WA NELAP - C935

Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
 Accreditation number: CA300005, Effective date: 10/18/2011, Expiration date: 10/17/2012.

Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
 (916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020



LABORATORY NARRATIVE
Modified TO-15 SIM
Maul Foster and Alongi Inc.
Workorder# 1211514A

Ten 6 Liter Summa Canister (SIM Certified) samples were received on November 26, 2012. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to <math>< 40\%</math> RSD	Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to <math>< 40\%</math> RSD
Daily Calibration	+/- 30% Difference	Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV and/or LCS.

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

**Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM**

Client Sample ID: 10-IA1-111512

Lab ID#: 1211514A-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	0.035	0.082	0.14	0.33

Client Sample ID: 10-IA2-111512

Lab ID#: 1211514A-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	0.032	0.11	0.13	0.44

Client Sample ID: 10-CS1-111512

Lab ID#: 1211514A-03A

No Detections Were Found.

Client Sample ID: 11-IA1-111512

Lab ID#: 1211514A-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	0.032	0.056	0.13	0.22
Tetrachloroethene	0.032	0.034	0.22	0.23

Client Sample ID: 11-IA2-111512

Lab ID#: 1211514A-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	0.030	0.050	0.12	0.20

Client Sample ID: 11-IA3-111512

Lab ID#: 1211514A-06A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	0.030	0.048	0.12	0.19
Tetrachloroethene	0.030	0.040	0.21	0.27

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: 13-IA1-111612

Lab ID#: 1211514A-07A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	0.031	0.12	0.13	0.48

Client Sample ID: 13-IA2-111612

Lab ID#: 1211514A-08A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	0.032	0.16	0.13	0.67

Client Sample ID: 24-IA1-111612

Lab ID#: 1211514A-09A

No Detections Were Found.

Client Sample ID: 24-IA2-111612

Lab ID#: 1211514A-10A

No Detections Were Found.



Air Toxics

Client Sample ID: 10-IA1-111512

Lab ID#: 1211514A-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	a120419sim	Date of Collection:	11/15/12 10:03:00 A
Dil. Factor:	1.75	Date of Analysis:	12/5/12 08:53 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.018	Not Detected	0.045	Not Detected
1,1-Dichloroethene	0.018	Not Detected	0.069	Not Detected
1,1-Dichloroethane	0.035	Not Detected	0.14	Not Detected
cis-1,2-Dichloroethene	0.035	Not Detected	0.14	Not Detected
1,2-Dichloroethane	0.035	0.082	0.14	0.33
Trichloroethene	0.035	Not Detected	0.19	Not Detected
Tetrachloroethene	0.035	Not Detected	0.24	Not Detected
trans-1,2-Dichloroethene	0.18	Not Detected	0.69	Not Detected
Chloroethane	0.088	Not Detected	0.23	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	116	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	96	70-130



Air Toxics

Client Sample ID: 10-IA2-111512

Lab ID#: 1211514A-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	a120420sim	Date of Collection:	11/15/12 10:07:00 A
Dil. Factor:	1.61	Date of Analysis:	12/5/12 09:30 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.016	Not Detected	0.041	Not Detected
1,1-Dichloroethene	0.016	Not Detected	0.064	Not Detected
1,1-Dichloroethane	0.032	Not Detected	0.13	Not Detected
cis-1,2-Dichloroethene	0.032	Not Detected	0.13	Not Detected
1,2-Dichloroethane	0.032	0.11	0.13	0.44
Trichloroethene	0.032	Not Detected	0.17	Not Detected
Tetrachloroethene	0.032	Not Detected	0.22	Not Detected
trans-1,2-Dichloroethene	0.16	Not Detected	0.64	Not Detected
Chloroethane	0.080	Not Detected	0.21	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	117	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	99	70-130



Client Sample ID: 10-CS1-111512

Lab ID#: 1211514A-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	a120421sim	Date of Collection:	11/15/12 10:14:00 A
Dil. Factor:	1.38	Date of Analysis:	12/5/12 10:06 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.014	Not Detected	0.035	Not Detected
1,1-Dichloroethene	0.014	Not Detected	0.055	Not Detected
1,1-Dichloroethane	0.028	Not Detected	0.11	Not Detected
cis-1,2-Dichloroethene	0.028	Not Detected	0.11	Not Detected
1,2-Dichloroethane	0.028	Not Detected	0.11	Not Detected
Trichloroethene	0.028	Not Detected	0.15	Not Detected
Tetrachloroethene	0.028	Not Detected	0.19	Not Detected
trans-1,2-Dichloroethene	0.14	Not Detected	0.55	Not Detected
Chloroethane	0.069	Not Detected	0.18	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	114	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	94	70-130



Air Toxics

Client Sample ID: 11-IA1-111512

Lab ID#: 1211514A-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	a120422sim	Date of Collection: 11/15/12 10:40:00 A
Dil. Factor:	1.60	Date of Analysis: 12/5/12 10:42 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.016	Not Detected	0.041	Not Detected
1,1-Dichloroethene	0.016	Not Detected	0.063	Not Detected
1,1-Dichloroethane	0.032	Not Detected	0.13	Not Detected
cis-1,2-Dichloroethene	0.032	Not Detected	0.13	Not Detected
1,2-Dichloroethane	0.032	0.056	0.13	0.22
Trichloroethene	0.032	Not Detected	0.17	Not Detected
Tetrachloroethene	0.032	0.034	0.22	0.23
trans-1,2-Dichloroethene	0.16	Not Detected	0.63	Not Detected
Chloroethane	0.080	Not Detected	0.21	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	114	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	97	70-130



Air Toxics

Client Sample ID: 11-IA2-111512

Lab ID#: 1211514A-05A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	a120423sim	Date of Collection:	11/15/12 10:42:00 A
Dil. Factor:	1.52	Date of Analysis:	12/5/12 11:21 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.015	Not Detected	0.039	Not Detected
1,1-Dichloroethene	0.015	Not Detected	0.060	Not Detected
1,1-Dichloroethane	0.030	Not Detected	0.12	Not Detected
cis-1,2-Dichloroethene	0.030	Not Detected	0.12	Not Detected
1,2-Dichloroethane	0.030	0.050	0.12	0.20
Trichloroethene	0.030	Not Detected	0.16	Not Detected
Tetrachloroethene	0.030	Not Detected	0.21	Not Detected
trans-1,2-Dichloroethene	0.15	Not Detected	0.60	Not Detected
Chloroethane	0.076	Not Detected	0.20	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	113	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	94	70-130



Air Toxics

Client Sample ID: 11-IA3-111512

Lab ID#: 1211514A-06A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	a120424sim	Date of Collection:	11/15/12 10:43:00 A
Dil. Factor:	1.52	Date of Analysis:	12/5/12 12:12 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.015	Not Detected	0.039	Not Detected
1,1-Dichloroethene	0.015	Not Detected	0.060	Not Detected
1,1-Dichloroethane	0.030	Not Detected	0.12	Not Detected
cis-1,2-Dichloroethene	0.030	Not Detected	0.12	Not Detected
1,2-Dichloroethane	0.030	0.048	0.12	0.19
Trichloroethene	0.030	Not Detected	0.16	Not Detected
Tetrachloroethene	0.030	0.040	0.21	0.27
trans-1,2-Dichloroethene	0.15	Not Detected	0.60	Not Detected
Chloroethane	0.076	Not Detected	0.20	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	119	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	98	70-130



Air Toxics

Client Sample ID: 13-IA1-111612

Lab ID#: 1211514A-07A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	a120425sim	Date of Collection: 11/16/12 9:39:00 AM
Dil. Factor:	1.56	Date of Analysis: 12/5/12 12:48 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.016	Not Detected	0.040	Not Detected
1,1-Dichloroethene	0.016	Not Detected	0.062	Not Detected
1,1-Dichloroethane	0.031	Not Detected	0.13	Not Detected
cis-1,2-Dichloroethene	0.031	Not Detected	0.12	Not Detected
1,2-Dichloroethane	0.031	0.12	0.13	0.48
Trichloroethene	0.031	Not Detected	0.17	Not Detected
Tetrachloroethene	0.031	Not Detected	0.21	Not Detected
trans-1,2-Dichloroethene	0.16	Not Detected	0.62	Not Detected
Chloroethane	0.078	Not Detected	0.20	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	115	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	92	70-130



Air Toxics

Client Sample ID: 13-IA2-111612

Lab ID#: 1211514A-08A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	a120426sim	Date of Collection:	11/16/12 9:46:00 AM
Dil. Factor:	1.60	Date of Analysis:	12/5/12 01:24 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.016	Not Detected	0.041	Not Detected
1,1-Dichloroethene	0.016	Not Detected	0.063	Not Detected
1,1-Dichloroethane	0.032	Not Detected	0.13	Not Detected
cis-1,2-Dichloroethene	0.032	Not Detected	0.13	Not Detected
1,2-Dichloroethane	0.032	0.16	0.13	0.67
Trichloroethene	0.032	Not Detected	0.17	Not Detected
Tetrachloroethene	0.032	Not Detected	0.22	Not Detected
trans-1,2-Dichloroethene	0.16	Not Detected	0.63	Not Detected
Chloroethane	0.080	Not Detected	0.21	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	116	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	95	70-130



Client Sample ID: 24-IA1-111612

Lab ID#: 1211514A-09A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	a120427sim	Date of Collection:	11/16/12 11:49:00 A
Dil. Factor:	1.53	Date of Analysis:	12/5/12 02:00 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.015	Not Detected	0.039	Not Detected
1,1-Dichloroethene	0.015	Not Detected	0.061	Not Detected
1,1-Dichloroethane	0.031	Not Detected	0.12	Not Detected
cis-1,2-Dichloroethene	0.031	Not Detected	0.12	Not Detected
1,2-Dichloroethane	0.031	Not Detected	0.12	Not Detected
Trichloroethene	0.031	Not Detected	0.16	Not Detected
Tetrachloroethene	0.031	Not Detected	0.21	Not Detected
trans-1,2-Dichloroethene	0.15	Not Detected	0.61	Not Detected
Chloroethane	0.076	Not Detected	0.20	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	118	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	98	70-130



Air Toxics

Client Sample ID: 24-IA2-111612

Lab ID#: 1211514A-10A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	a120428sim	Date of Collection:	11/16/12 10:58:00 A
Dil. Factor:	1.55	Date of Analysis:	12/5/12 02:36 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.016	Not Detected	0.040	Not Detected
1,1-Dichloroethene	0.016	Not Detected	0.061	Not Detected
1,1-Dichloroethane	0.031	Not Detected	0.12	Not Detected
cis-1,2-Dichloroethene	0.031	Not Detected	0.12	Not Detected
1,2-Dichloroethane	0.031	Not Detected	0.12	Not Detected
Trichloroethene	0.031	Not Detected	0.17	Not Detected
Tetrachloroethene	0.031	Not Detected	0.21	Not Detected
trans-1,2-Dichloroethene	0.16	Not Detected	0.61	Not Detected
Chloroethane	0.078	Not Detected	0.20	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	119	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	96	70-130



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1211514A-11A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	a120416sim	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	12/4/12 10:19 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
1,1-Dichloroethene	0.010	Not Detected	0.040	Not Detected
1,1-Dichloroethane	0.020	Not Detected	0.081	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
1,2-Dichloroethane	0.020	Not Detected	0.081	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
Chloroethane	0.050	Not Detected	0.13	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	118	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	99	70-130

Client Sample ID: CCV

Lab ID#: 1211514A-12A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	a120412sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/4/12 06:01 PM

Compound	%Recovery
Vinyl Chloride	91
1,1-Dichloroethene	102
1,1-Dichloroethane	117
cis-1,2-Dichloroethene	108
1,2-Dichloroethane	125
Trichloroethene	101
Tetrachloroethene	98
trans-1,2-Dichloroethene	108
Chloroethane	102

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	114	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	101	70-130

Client Sample ID: LCS

Lab ID#: 1211514A-13A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	a120413sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/4/12 06:51 PM

Compound	%Recovery
Vinyl Chloride	101
1,1-Dichloroethene	102
1,1-Dichloroethane	113
cis-1,2-Dichloroethene	101
1,2-Dichloroethane	120
Trichloroethene	95
Tetrachloroethene	86
trans-1,2-Dichloroethene	112
Chloroethane	102

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	121	70-130
Toluene-d8	106	70-130
4-Bromofluorobenzene	110	70-130

Client Sample ID: LCSD

Lab ID#: 1211514A-13AA

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	a120414sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/4/12 07:46 PM

Compound	%Recovery
Vinyl Chloride	104
1,1-Dichloroethene	95
1,1-Dichloroethane	108
cis-1,2-Dichloroethene	99
1,2-Dichloroethane	116
Trichloroethene	96
Tetrachloroethene	89
trans-1,2-Dichloroethene	105
Chloroethane	99

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	122	70-130
Toluene-d8	110	70-130
4-Bromofluorobenzene	101	70-130

Air TOXICS LTD.

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

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FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Page 3 of 5

Project Manager Bill Beaudie / Meredith D'Andrea
 Collected by: (Print and Sign) Thomas Ashton
 Company MFA Email _____
 Address 201 NW 19th Ave. City Portland State OR Zip 97209
 Phone 503-944-9715 suite 200 Fax _____

Project Info:	Turn Around Time:	Lab Use Only
	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	Pressurized by: Date: Pressurization Gas: N ₂ He
P.O. # _____		
Project # <u>8006.31.01-05</u>		
Project Name <u>Park Laundry</u>		

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
01A	10-IA1-111512	23925	11/15/12	10:03	TO-15 SIM <small>see notes</small>	-30	-5		
02A	10-IA2-111512	32107	11/15/12	10:07		-30	-4.5		
03A	10-C51-111512	31432	11/15/12	10:14		-30	-1.5		
04A	11-IA1-111512	34190	11/15/12	10:40		-30	-5		
05A	11-IA2-111512	14010	11/15/12	10:42		-30	-4		
06A	11-IA3-111512	5599	11/15/12	10:43		-29.5	-4		
07A	13-IA1-111612	34241	11/16/12	09:39		-29	-4		
08A	13-IA2-111612	5600	11/16/12	09:46		-30	-5		
09A	24-IA1-111612	33925	11/16/12	11:49		-30	4.5		
10A	24-IA2-111612	34737	11/16/12	10:58		-28	-4		

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>11/20/12 13:00</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>11/26/12 1000</u>	Notes: TO-15 SIM for select compounds. see attachment for list of compounds and reporting limits.
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name <u>FedEx</u>	Air Bill # _____	Temp (°C) <u>N/A</u>	Condition <u>Good</u>	Custody Seals Intact? Yes No <u>None</u>	Work Order # <u>1211514</u>
	<u>UPS</u> <u>11/26/12</u>					



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

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FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager Bill Barchia / Meredith DiAndrea
 Collected by: (Print and Sign) Thomas Achten
 Company Max Foster + Abongi Email taskforce@maxfoster.com
 Address 2001 NW 14th Ave. City Portland State OR Zip 97209
 Phone 503-944-9715 ^{Suite 200} Fax _____

Project Info:	Turn Around Time:	Lab Use Only
	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	Pressurized by: Date: Pressurization Gas: N ₂ He
P.O. # _____		
Project # <u>8006.31.01-05</u>		
Project Name <u>Park Laundry</u>		

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
11A	1-SS1-111512	94521	11/15/12	16:37	TO-15 SEM	-28	-4.5		
12A	1-SS2-111512	36569	11/15/12	17:10		-30	-4.5		
13A	1-SS3-111512	9495	11/15/12	17:23		-30	-4.5		
14A	7-SS1-111512	15748	11/15/12	13:10		-29	-4.5		
15A	7-SS2-111512	35690	11/15/12	13:29		-28.5	-4		
16A	7-SS3-111512	97105	11/15/12	14:07		-30	-4.5		
17A	11-SS1-111512	9453	11/15/12	14:35		-29.5	-4.5		
18A	11-SS2-111512	34609	11/15/12	15:24		-28	-4.5		
19A	11-SS3-111512	9518	11/15/12	15:30		-29.5	-4.5		
20A	11-SS4-111512	93109	11/15/12	16:22		-28.5	-4.5		

TOP 11/20/12

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>1300 11/20/12</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>1000 11/20/12</u>	Notes: TO-15 SEM for select compounds. See attachment for list of compounds and reporting limits.
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name <u>UPS</u>	Air Bill # _____	Temp (°C) <u>N/A</u>	Condition <u>Good</u>	Custody Seals Intact? Yes No <u>None</u>	Work Order # <u>1211514</u>
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1211514

Mr. Guy Barrett
October 12, 2012
Page 5

Project No. 8006.31.01

SAMPLE ANALYSIS AND QUALITY ASSURANCE

Samples will be analyzed for PCE and associated breakdown products (TCE; 1,1-DCE; cis-1,2-DCE; trans-1,2-DCE; 1,1-DCA; Chloroethane; and vinyl chloride) by Modified U.S. Environmental Protection Agency (USEPA) Method TO-15 selected ion monitoring method to achieve low reporting limits. Eurofins/Air Toxics of Folsom, California, will provide a 6-liter or 1-liter, stainless steel canister (Summa canister) for each sample. Laboratory-specific method reporting limits (MRLs) for VOCs are listed in the following table. The MRLs assume a 6-liter sample size, with the canister dilution factor not incorporated. The dilution factor is determined by the canister size and residual vacuum. For example, a 1-liter sample with a vacuum of 5-inches of mercury would have a MRL approximately 2.4 times higher than the values provided in the following table. If there are high concentrations of nontarget analytes in the samples (e.g., methylene chloride, acetone, toluene), the laboratory may dilute the sample to avoid overloading and damaging its instruments. MFA will coordinate with the laboratory to obtain the lowest possible MRLs.

Table
Analytes, Reporting Limits, and Screening Levels ($\mu\text{g}/\text{m}^3$)

Analyte	CAS Number	Reporting Limit	Screening Level—Air	Screening Level—Soil Gas
PCE	127-18-4	0.14	9.6	96
TCE	79-01-6	0.016	0.37	3.7
1,1-DCE	75-35-4	0.04	91	910
cis-1,2-DCE	156-59-2	0.08	16	160
trans-1,2-DCE	156-60-5	0.40	32	320
1,1-DCA	75-34-3	0.08	320	3200
Chloroethane	75-00-3	0.13	3	30
Vinyl chloride	75-01-4	0.03	0.28	2.8
Helium	7440-59-7	81799	NE	NE

NOTES:
Screening levels are based on Table B-1 of Ecology Guidance for Evaluating Soil Vapor Intrusion in Washington State: Investigation and Remedial Action, Values for PCE and TCE are based on CLARC guidance dated September, 2012.
CAS = Chemical Abstract Service
NE = Not Established
 $\mu\text{g}/\text{m}^3$ = micrograms per cubic meter.

MFA will receive the data electronically from the laboratory and the data will be transferred to a GISKey© database. The data will be validated consistent with Ecology and USEPA protocols. To document data reliability, a memorandum will be prepared summarizing

12/13/2012

Mr. Thomas Ashton
Maul Foster and Alongi Inc.
2001 NW 19th Ave
Suite 200
Portland OR 97209

Project Name: Park Laundry
Project #: 8006.31.01-05
Workorder #: 1211514B

Dear Mr. Thomas Ashton

The following report includes the data for the above referenced project for sample(s) received on 11/26/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kelly Buettner
Project Manager

WORK ORDER #: 1211514B

Work Order Summary

CLIENT:	Mr. Thomas Ashton Maul Foster and Alongi Inc. 2001 NW 19th Ave Suite 200 Portland, OR 97209	BILL TO:	Accounts Payable Maul Foster and Alongi Inc. 400 E. Mill Plain Blvd Suite 400 Vancouver, WA 98660
PHONE:	971-544-2139	P.O. #	
FAX:	971-544-2140	PROJECT #	8006.31.01-05 Park Laundry
DATE RECEIVED:	11/26/2012	CONTACT:	Kelly Buettner
DATE COMPLETED:	12/13/2012		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
11A	1-SS1-111512	Modified TO-15	3.4 "Hg	15 psi
12A	1-SS2-111512	Modified TO-15	2.6 "Hg	15 psi
13A	1-SS3-111512	Modified TO-15	3.2 "Hg	15 psi
14A	7-SS1-111512	Modified TO-15	3.8 "Hg	15 psi
15A	7-SS2-111512	Modified TO-15	4.8 "Hg	15 psi
16A	7-SS3-111512	Modified TO-15	3.2 "Hg	15 psi
17A	11-SS1-111512	Modified TO-15	0.2 "Hg	15 psi
18A	11-SS2-111512	Modified TO-15	3.8 "Hg	15 psi
19A	11-SS3-111512	Modified TO-15	6.4 "Hg	15 psi
20A	11-SS4-111512	Modified TO-15	3.4 "Hg	15 psi
21A	Lab Blank	Modified TO-15	NA	NA
22A	CCV	Modified TO-15	NA	NA
23A	LCS	Modified TO-15	NA	NA
23AA	LCS D	Modified TO-15	NA	NA

CERTIFIED BY: 

DATE: 12/13/12

Technical Director

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
TX NELAP - T104704434-12-5, UT NELAP CA009332012-3, WA NELAP - C935

Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)

Accreditation number: CA300005, Effective date: 10/18/2011, Expiration date: 10/17/2012.

Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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**LABORATORY NARRATIVE
Modified TO-15
Maul Foster and Alongi Inc.
Workorder# 1211514B**

Ten 1 Liter Summa Canister (100% Certified) samples were received on November 26, 2012. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
Initial Calibration	</=30% RSD with 2 compounds allowed out to < 40% RSD	</=30% RSD with 4 compounds allowed out to < 40% RSD
Blank and standards	Zero Air	UHP Nitrogen provides a higher purity gas matrix than zero air

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

Dilution was performed on samples 11-SS2-111512, 11-SS3-111512, and 11-SS4-111512 due to the presence of high level non-target species.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

- B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).
- J - Estimated value.
- E - Exceeds instrument calibration range.
- S - Saturated peak.
- Q - Exceeds quality control limits.
- U - Compound analyzed for but not detected above the reporting limit.
- UJ- Non-detected compound associated with low bias in the CCV and/or LCS.
- N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

- a-File was requantified
- b-File was quantified by a second column and detector
- r1-File was requantified for the purpose of reissue

Summary of Detected Compounds MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: 1-SS1-111512

Lab ID#: 1211514B-11A

No Detections Were Found.

Client Sample ID: 1-SS2-111512

Lab ID#: 1211514B-12A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.22	0.33	1.5	2.2

Client Sample ID: 1-SS3-111512

Lab ID#: 1211514B-13A

No Detections Were Found.

Client Sample ID: 7-SS1-111512

Lab ID#: 1211514B-14A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.23	1.8	1.6	12

Client Sample ID: 7-SS2-111512

Lab ID#: 1211514B-15A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.24	1.2	1.6	7.8

Client Sample ID: 7-SS3-111512

Lab ID#: 1211514B-16A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.23	2.0	1.5	14

Client Sample ID: 11-SS1-111512

Lab ID#: 1211514B-17A

No Detections Were Found.

**Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN**

Client Sample ID: 11-SS2-111512

Lab ID#: 1211514B-18A

No Detections Were Found.

Client Sample ID: 11-SS3-111512

Lab ID#: 1211514B-19A

No Detections Were Found.

Client Sample ID: 11-SS4-111512

Lab ID#: 1211514B-20A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.71	1.0	4.8	6.9



Client Sample ID: 1-SS1-111512

Lab ID#: 1211514B-11A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v113010	Date of Collection:	11/15/12 4:37:00 PM
Dil. Factor:	2.28	Date of Analysis:	11/30/12 02:10 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.23	Not Detected	0.58	Not Detected
Chloroethane	1.1	Not Detected	3.0	Not Detected
1,1-Dichloroethene	0.23	Not Detected	0.90	Not Detected
trans-1,2-Dichloroethene	0.23	Not Detected	0.90	Not Detected
1,1-Dichloroethane	0.23	Not Detected	0.92	Not Detected
cis-1,2-Dichloroethene	0.23	Not Detected	0.90	Not Detected
1,2-Dichloroethane	0.23	Not Detected	0.92	Not Detected
Trichloroethene	0.23	Not Detected	1.2	Not Detected
Tetrachloroethene	0.23	Not Detected	1.5	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	110	70-130



Client Sample ID: 1-SS2-111512

Lab ID#: 1211514B-12A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v113011	Date of Collection:	11/15/12 5:10:00 PM
Dil. Factor:	2.21	Date of Analysis:	11/30/12 03:04 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.22	Not Detected	0.56	Not Detected
Chloroethane	1.1	Not Detected	2.9	Not Detected
1,1-Dichloroethene	0.22	Not Detected	0.88	Not Detected
trans-1,2-Dichloroethene	0.22	Not Detected	0.88	Not Detected
1,1-Dichloroethane	0.22	Not Detected	0.89	Not Detected
cis-1,2-Dichloroethene	0.22	Not Detected	0.88	Not Detected
1,2-Dichloroethane	0.22	Not Detected	0.89	Not Detected
Trichloroethene	0.22	Not Detected	1.2	Not Detected
Tetrachloroethene	0.22	0.33	1.5	2.2

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	99	70-130



Client Sample ID: 1-SS3-111512

Lab ID#: 1211514B-13A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v113012	Date of Collection:	11/15/12 5:23:00 PM
Dil. Factor:	2.26	Date of Analysis:	11/30/12 04:25 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.23	Not Detected	0.58	Not Detected
Chloroethane	1.1	Not Detected	3.0	Not Detected
1,1-Dichloroethene	0.23	Not Detected	0.90	Not Detected
trans-1,2-Dichloroethene	0.23	Not Detected	0.90	Not Detected
1,1-Dichloroethane	0.23	Not Detected	0.91	Not Detected
cis-1,2-Dichloroethene	0.23	Not Detected	0.90	Not Detected
1,2-Dichloroethane	0.23	Not Detected	0.91	Not Detected
Trichloroethene	0.23	Not Detected	1.2	Not Detected
Tetrachloroethene	0.23	Not Detected	1.5	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	110	70-130



Client Sample ID: 7-SS1-111512

Lab ID#: 1211514B-14A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v113013	Date of Collection:	11/15/12 1:10:00 PM
Dil. Factor:	2.31	Date of Analysis:	11/30/12 05:02 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.23	Not Detected	0.59	Not Detected
Chloroethane	1.2	Not Detected	3.0	Not Detected
1,1-Dichloroethene	0.23	Not Detected	0.92	Not Detected
trans-1,2-Dichloroethene	0.23	Not Detected	0.92	Not Detected
1,1-Dichloroethane	0.23	Not Detected	0.94	Not Detected
cis-1,2-Dichloroethene	0.23	Not Detected	0.92	Not Detected
1,2-Dichloroethane	0.23	Not Detected	0.93	Not Detected
Trichloroethene	0.23	Not Detected	1.2	Not Detected
Tetrachloroethene	0.23	1.8	1.6	12

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	104	70-130



Air Toxics

Client Sample ID: 7-SS2-111512

Lab ID#: 1211514B-15A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v113014	Date of Collection:	11/15/12 1:29:00 PM
Dil. Factor:	2.40	Date of Analysis:	11/30/12 05:52 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.24	Not Detected	0.61	Not Detected
Chloroethane	1.2	Not Detected	3.2	Not Detected
1,1-Dichloroethene	0.24	Not Detected	0.95	Not Detected
trans-1,2-Dichloroethene	0.24	Not Detected	0.95	Not Detected
1,1-Dichloroethane	0.24	Not Detected	0.97	Not Detected
cis-1,2-Dichloroethene	0.24	Not Detected	0.95	Not Detected
1,2-Dichloroethane	0.24	Not Detected	0.97	Not Detected
Trichloroethene	0.24	Not Detected	1.3	Not Detected
Tetrachloroethene	0.24	1.2	1.6	7.8

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	109	70-130



Air Toxics

Client Sample ID: 7-SS3-111512

Lab ID#: 1211514B-16A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v113015	Date of Collection: 11/15/12 2:07:00 PM
Dil. Factor:	2.26	Date of Analysis: 11/30/12 06:43 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.23	Not Detected	0.58	Not Detected
Chloroethane	1.1	Not Detected	3.0	Not Detected
1,1-Dichloroethene	0.23	Not Detected	0.90	Not Detected
trans-1,2-Dichloroethene	0.23	Not Detected	0.90	Not Detected
1,1-Dichloroethane	0.23	Not Detected	0.91	Not Detected
cis-1,2-Dichloroethene	0.23	Not Detected	0.90	Not Detected
1,2-Dichloroethane	0.23	Not Detected	0.91	Not Detected
Trichloroethene	0.23	Not Detected	1.2	Not Detected
Tetrachloroethene	0.23	2.0	1.5	14

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	99	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	108	70-130



Client Sample ID: 11-SS1-111512

Lab ID#: 1211514B-17A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v113016	Date of Collection:	11/15/12 2:35:00 PM
Dil. Factor:	2.03	Date of Analysis:	11/30/12 07:19 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.20	Not Detected	0.52	Not Detected
Chloroethane	1.0	Not Detected	2.7	Not Detected
1,1-Dichloroethene	0.20	Not Detected	0.80	Not Detected
trans-1,2-Dichloroethene	0.20	Not Detected	0.80	Not Detected
1,1-Dichloroethane	0.20	Not Detected	0.82	Not Detected
cis-1,2-Dichloroethene	0.20	Not Detected	0.80	Not Detected
1,2-Dichloroethane	0.20	Not Detected	0.82	Not Detected
Trichloroethene	0.20	Not Detected	1.1	Not Detected
Tetrachloroethene	0.20	Not Detected	1.4	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	106	70-130



Air Toxics

Client Sample ID: 11-SS2-111512

Lab ID#: 1211514B-18A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v113017	Date of Collection:	11/15/12 3:24:00 PM
Dil. Factor:	4.62	Date of Analysis:	11/30/12 08:55 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.46	Not Detected	1.2	Not Detected
Chloroethane	2.3	Not Detected	6.1	Not Detected
1,1-Dichloroethene	0.46	Not Detected	1.8	Not Detected
trans-1,2-Dichloroethene	0.46	Not Detected	1.8	Not Detected
1,1-Dichloroethane	0.46	Not Detected	1.9	Not Detected
cis-1,2-Dichloroethene	0.46	Not Detected	1.8	Not Detected
1,2-Dichloroethane	0.46	Not Detected	1.9	Not Detected
Trichloroethene	0.46	Not Detected	2.5	Not Detected
Tetrachloroethene	0.46	Not Detected	3.1	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	107	70-130



Air Toxics

Client Sample ID: 11-SS3-111512

Lab ID#: 1211514B-19A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v113018	Date of Collection:	11/15/12 3:30:00 PM
Dil. Factor:	5.14	Date of Analysis:	11/30/12 09:31 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.51	Not Detected	1.3	Not Detected
Chloroethane	2.6	Not Detected	6.8	Not Detected
1,1-Dichloroethene	0.51	Not Detected	2.0	Not Detected
trans-1,2-Dichloroethene	0.51	Not Detected	2.0	Not Detected
1,1-Dichloroethane	0.51	Not Detected	2.1	Not Detected
cis-1,2-Dichloroethene	0.51	Not Detected	2.0	Not Detected
1,2-Dichloroethane	0.51	Not Detected	2.1	Not Detected
Trichloroethene	0.51	Not Detected	2.8	Not Detected
Tetrachloroethene	0.51	Not Detected	3.5	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	109	70-130



Air Toxics

Client Sample ID: 11-SS4-111512

Lab ID#: 1211514B-20A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v113019	Date of Collection:	11/15/12 4:22:00 PM
Dil. Factor:	7.12	Date of Analysis:	11/30/12 10:17 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.71	Not Detected	1.8	Not Detected
Chloroethane	3.6	Not Detected	9.4	Not Detected
1,1-Dichloroethene	0.71	Not Detected	2.8	Not Detected
trans-1,2-Dichloroethene	0.71	Not Detected	2.8	Not Detected
1,1-Dichloroethane	0.71	Not Detected	2.9	Not Detected
cis-1,2-Dichloroethene	0.71	Not Detected	2.8	Not Detected
1,2-Dichloroethane	0.71	Not Detected	2.9	Not Detected
Trichloroethene	0.71	Not Detected	3.8	Not Detected
Tetrachloroethene	0.71	1.0	4.8	6.9

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	103	70-130
4-Bromofluorobenzene	103	70-130

Client Sample ID: Lab Blank

Lab ID#: 1211514B-21A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v113009	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 11/30/12 01:08 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.10	Not Detected	0.26	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
1,1-Dichloroethene	0.10	Not Detected	0.40	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
1,1-Dichloroethane	0.10	Not Detected	0.40	Not Detected
cis-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
1,2-Dichloroethane	0.10	Not Detected	0.40	Not Detected
Trichloroethene	0.10	Not Detected	0.54	Not Detected
Tetrachloroethene	0.10	Not Detected	0.68	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	103	70-130

Client Sample ID: CCV

Lab ID#: 1211514B-22A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v113004	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 11/30/12 09:02 AM

Compound	%Recovery
Vinyl Chloride	92
Chloroethane	92
1,1-Dichloroethene	102
trans-1,2-Dichloroethene	100
1,1-Dichloroethane	100
cis-1,2-Dichloroethene	99
1,2-Dichloroethane	110
Trichloroethene	98
Tetrachloroethene	107

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	108	70-130

Client Sample ID: LCS

Lab ID#: 1211514B-23A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v113005	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 11/30/12 09:49 AM

Compound	%Recovery
Vinyl Chloride	88
Chloroethane	87
1,1-Dichloroethene	99
trans-1,2-Dichloroethene	104
1,1-Dichloroethane	93
cis-1,2-Dichloroethene	90
1,2-Dichloroethane	104
Trichloroethene	92
Tetrachloroethene	100

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	102	70-130

Client Sample ID: LCSD

Lab ID#: 1211514B-23AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v113006	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 11/30/12 10:32 AM

Compound	%Recovery
Vinyl Chloride	89
Chloroethane	86
1,1-Dichloroethene	101
trans-1,2-Dichloroethene	105
1,1-Dichloroethane	93
cis-1,2-Dichloroethene	90
1,2-Dichloroethane	102
Trichloroethene	91
Tetrachloroethene	104

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	102	70-130

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CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

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(916) 985-1000 FAX (916) 985-1020

Page 3 of 5

Project Manager Bill Bendie / Meredith D. Andrea
 Collected by: (Print and Sign) Thomas Ashton
 Company MFA Email _____
 Address 2001 NW 19th Ave. City Portland State OR Zip 97209
 Phone 503-944-9715 suite 200 Fax _____

Project Info:	Turn Around Time:	Lab Use Only
	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	Pressurized by: Date: Pressurization Gas: N ₂ He
P.O. # _____		
Project # <u>8006.31.01-05</u>		
Project Name <u>Park Laundry</u>		

TRW
11/20/12

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
01A	10-IA1-111512	23925	11/15/12	10:03	TO-15 SIM <small>see notes</small>	-30	-5		
02A	10-IA2-111512	32107	11/15/12	10:07		-30	-4.5		
03A	10-CS1-111512	31432	11/15/12	10:14		-30	-1.5		
04A	11-IA1-111512	34190	11/15/12	10:40		-30	-5		
05A	11-IA2-111512	14010	11/15/12	10:42		-30	-4		
06A	11-IA3-111512	5599	11/15/12	10:43		-29.5	-4		
07A	13-IA1-111612	34241	11/16/12	09:39		-29	-4		
08A	13-IA2-111612	5600	11/16/12	09:46		-30	-5		
09A	24-IA1-111612	33925	11/16/12	11:49		-30	4.5		
10A	24-IA2-111612	34737	11/16/12	10:58		-28	-4		

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>11/20/12 13:00</u>	Received by: (signature) <u>TRW</u> Date/Time <u>11/26/12 1000</u>	Notes: TO-15 SIM for select compounds. see attachment for list of compounds and reporting limits.
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name <u>FedEx TRW</u>	Air Bill # _____	Temp (°C) <u>N/A</u>	Condition <u>Good</u>	Custody Seals Intact? Yes No <u>None</u>	Work Order # <u>1211514</u>
	<u>UPS 11/26/12</u>					



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

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FOLSOM, CA 95630-4719
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Project Manager Bill Bessie / Meredith D'Andrea
 Collected by: (Print and Sign) Thomas Ashton
 Company Max Foster + Abingi Email taskton@maxfoster.com
 Address 2001 NW 14th Ave. Suite 200 City Portland State OR Zip 97209
 Phone 503-944-9715 Fax _____

Project Info:	Turn Around Time:	Lab Use Only
	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	Pressurized by: Date: Pressurization Gas: N ₂ He
P.O. # _____		
Project # <u>8006.31.01-05</u>		
Project Name <u>Park Laundry</u>		

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
11A	1-551-111512	94521	11/15/12	16:37	TO-15 SIM	-28	-4.5		
12A	1-552-111512	36569	11/15/12	17:10		-30	-4.5		
13A	1-553-111512	9495	11/15/12	17:23		-30	-4.5		
14A	7-551-111512	15748	11/15/12	13:10		-29	-4.5		
15A	7-552-111512	35690	11/15/12	13:29		-28.5	-4		
16A	7-553-111512	97105	11/15/12	14:07		-30	-4.5		
17A	11-551-111512	9453	11/15/12	14:35		-29.5	-4.5		
18A	11-552-111512	34609	11/15/12	15:24		-28	-4.5		
19A	11-553-111512	9518	11/15/12	15:30		-29.5	-4.5		
20A	11-554-111512	93109	11/15/12	16:22		-28.5	-4.5		

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>1300 11/20/12</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>1000 11/26/12</u>	Notes: TO-15 SIM for select compounds See attachment for list of compounds and reporting limits.
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name <u>UPS</u>	Air Bill # _____	Temp (°C) <u>N/A</u>	Condition <u>Good</u>	Custody Seals Intact? Yes No <u>None</u>	Work Order # <u>1211514</u>
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121151X

Mr. Guy Barrett
October 12, 2012
Page 5

Project No. 8006.31.01

SAMPLE ANALYSIS AND QUALITY ASSURANCE

Samples will be analyzed for PCE and associated breakdown products (TCE; 1,1-DCE; cis-1,2-DCE; trans-1,2-DCE; 1,1-DCA; Chloroethane; and vinyl chloride) by Modified U.S. Environmental Protection Agency (USEPA) Method TO-15 selected ion monitoring method to achieve low reporting limits. Eurofins/Air Toxics of Folsom, California, will provide a 6-liter or 1-liter, stainless steel canister (Summa canister) for each sample. Laboratory-specific method reporting limits (MRLs) for VOCs are listed in the following table. The MRLs assume a 6-liter sample size, with the canister dilution factor not incorporated. The dilution factor is determined by the canister size and residual vacuum. For example, a 1-liter sample with a vacuum of 5-inches of mercury would have a MRL approximately 2.4 times higher than the values provided in the following table. If there are high concentrations of nontarget analytes in the samples (e.g., methylene chloride, acetone, toluene), the laboratory may dilute the sample to avoid overloading and damaging its instruments. MFA will coordinate with the laboratory to obtain the lowest possible MRLs.

Table
Analytes, Reporting Limits, and Screening Levels ($\mu\text{g}/\text{m}^3$)

Analyte	CAS Number	Reporting Limit	Screening Level—Air	Screening Level—Soil Gas
PCE	127-18-4	0.14	9.6	96
TCE	79-01-6	0.016	0.37	3.7
1,1-DCE	75-35-4	0.04	91	910
cis-1,2-DCE	156-59-2	0.08	16	160
trans-1,2-DCE	156-60-5	0.40	32	320
1,1-DCA	75-34-3	0.08	320	3200
Chloroethane	75-00-3	0.13	3	30
Vinyl chloride	75-01-4	0.03	0.28	2.8
Helium	7440-59-7	81799	NE	NE

NOTES:
Screening levels are based on Table B-1 of Ecology Guidance for Evaluating Soil Vapor Intrusion in Washington State: Investigation and Remedial Action. Values for PCE and TCE are based on CLARC guidance dated September, 2012.
CAS = Chemical Abstract Service
NE = Not Established
 $\mu\text{g}/\text{m}^3$ = micrograms per cubic meter.

MFA will receive the data electronically from the laboratory and the data will be transferred to a GISKey© database. The data will be validated consistent with Ecology and USEPA protocols. To document data reliability, a memorandum will be prepared summarizing

12/5/2012

Mr. Thomas Ashton
Maul Foster and Alongi Inc.
2001 NW 19th Ave
Suite 200
Portland OR 97209

Project Name: Park Laundry
Project #: 8006.31.01-05
Workorder #: 1211514C

Dear Mr. Thomas Ashton

The following report includes the data for the above referenced project for sample(s) received on 11/26/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified ASTM D-1946 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kelly Buettner
Project Manager

WORK ORDER #: 1211514C

Work Order Summary

CLIENT:	Mr. Thomas Ashton Maul Foster and Alongi Inc. 2001 NW 19th Ave Suite 200 Portland, OR 97209	BILL TO:	Accounts Payable Maul Foster and Alongi Inc. 400 E. Mill Plain Blvd Suite 400 Vancouver, WA 98660
PHONE:	971-544-2139	P.O. #	
FAX:	971-544-2140	PROJECT #	8006.31.01-05 Park Laundry
DATE RECEIVED:	11/26/2012	CONTACT:	Kelly Buettner
DATE COMPLETED:	12/05/2012		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
11A	1-SS1-111512	Modified ASTM D-1946	3.4 "Hg	15 psi
12A	1-SS2-111512	Modified ASTM D-1946	2.6 "Hg	15 psi
13A	1-SS3-111512	Modified ASTM D-1946	3.2 "Hg	15 psi
14A	7-SS1-111512	Modified ASTM D-1946	3.8 "Hg	15 psi
15A	7-SS2-111512	Modified ASTM D-1946	4.8 "Hg	15 psi
16A	7-SS3-111512	Modified ASTM D-1946	3.2 "Hg	15 psi
17A	11-SS1-111512	Modified ASTM D-1946	0.2 "Hg	15 psi
18A	11-SS2-111512	Modified ASTM D-1946	3.8 "Hg	15 psi
18AA	11-SS2-111512 Lab Duplicate	Modified ASTM D-1946	3.8 "Hg	15 psi
19A	11-SS3-111512	Modified ASTM D-1946	6.4 "Hg	15 psi
20A	11-SS4-111512	Modified ASTM D-1946	3.4 "Hg	15 psi
21A	Lab Blank	Modified ASTM D-1946	NA	NA
22A	LCS	Modified ASTM D-1946	NA	NA
22AA	LCSD	Modified ASTM D-1946	NA	NA

CERTIFIED BY: 
 Technical Director

DATE: 12/05/12

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
 TX NELAP - T104704434-12-5, UT NELAP CA009332012-3, WA NELAP - C935

Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
 Accreditation number: CA300005, Effective date: 10/18/2011, Expiration date: 10/17/2012.

Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
 (916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020



LABORATORY NARRATIVE
Modified ASTM D-1946
Maul Foster and Alongi Inc.
Workorder# 1211514C

Ten 1 Liter Summa Canister (100% Certified) samples were received on November 26, 2012. The laboratory performed analysis via Modified ASTM Method D-1946 for Helium in air using GC/TCD. The method involves direct injection of 1.0 mL of sample.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>ASTM D-1946</i>	<i>ATL Modifications</i>
Calibration	A single point calibration is performed using a reference standard closely matching the composition of the unknown.	A 3-point calibration curve is performed. Quantitation is based on a daily calibration standard which may or may not resemble the composition of the associated samples.
Reference Standard	The composition of any reference standard must be known to within 0.01 mol % for any component.	The standards used by ATL are blended to a $\geq 95\%$ accuracy.
Sample Injection Volume	Components whose concentrations are in excess of 5 % should not be analyzed by using sample volumes greater than 0.5 mL.	The sample container is connected directly to a fixed volume sample loop of 1.0 mL on the GC. Linear range is defined by the calibration curve. Bags are loaded by vacuum.
Normalization	Normalize the mole percent values by multiplying each value by 100 and dividing by the sum of the original values. The sum of the original values should not differ from 100% by more than 1.0%.	Results are not normalized. The sum of the reported values can differ from 100% by as much as 15%, either due to analytical variability or an unusual sample matrix.
Precision	Precision requirements established at each concentration level.	Duplicates should agree within 25% RPD for detections $> 5 X$'s the RL.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicate as follows:

B - Compound present in laboratory blank greater than reporting limit.

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the detection limit.

M - Reported value may be biased due to apparent matrix interferences.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

**Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946**

Client Sample ID: 1-SS1-111512

Lab ID#: 1211514C-11A

No Detections Were Found.

Client Sample ID: 1-SS2-111512

Lab ID#: 1211514C-12A

No Detections Were Found.

Client Sample ID: 1-SS3-111512

Lab ID#: 1211514C-13A

No Detections Were Found.

Client Sample ID: 7-SS1-111512

Lab ID#: 1211514C-14A

No Detections Were Found.

Client Sample ID: 7-SS2-111512

Lab ID#: 1211514C-15A

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.12	0.59

Client Sample ID: 7-SS3-111512

Lab ID#: 1211514C-16A

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.11	0.24

Client Sample ID: 11-SS1-111512

Lab ID#: 1211514C-17A

No Detections Were Found.

Client Sample ID: 11-SS2-111512

Lab ID#: 1211514C-18A

Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: 11-SS2-111512

Lab ID#: 1211514C-18A

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.12	0.38

Client Sample ID: 11-SS2-111512 Lab Duplicate

Lab ID#: 1211514C-18AA

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.12	0.36

Client Sample ID: 11-SS3-111512

Lab ID#: 1211514C-19A

No Detections Were Found.

Client Sample ID: 11-SS4-111512

Lab ID#: 1211514C-20A

No Detections Were Found.



Air Toxics

Client Sample ID: 1-SS1-111512

Lab ID#: 1211514C-11A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	9113006	Date of Collection:	11/15/12 4:37:00 PM
Dil. Factor:	2.28	Date of Analysis:	11/30/12 09:17 AM

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.11	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)



Air Toxics

Client Sample ID: 1-SS2-111512

Lab ID#: 1211514C-12A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	9113007	Date of Collection:	11/15/12 5:10:00 PM
Dil. Factor:	2.21	Date of Analysis:	11/30/12 09:28 AM

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.11	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)



Air Toxics

Client Sample ID: 1-SS3-111512

Lab ID#: 1211514C-13A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	9113005	Date of Collection:	11/15/12 5:23:00 PM
Dil. Factor:	2.26	Date of Analysis:	11/30/12 09:08 AM

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.11	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)



Air Toxics

Client Sample ID: 7-SS1-111512

Lab ID#: 1211514C-14A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	9113008	Date of Collection:	11/15/12 1:10:00 PM
Dil. Factor:	2.31	Date of Analysis:	11/30/12 09:37 AM

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.12	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)



Air Toxics

Client Sample ID: 7-SS2-111512

Lab ID#: 1211514C-15A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	9113009	Date of Collection:	11/15/12 1:29:00 PM
Dil. Factor:	2.40	Date of Analysis:	11/30/12 09:45 AM

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.12	0.59

Container Type: 1 Liter Summa Canister (100% Certified)



Air Toxics

Client Sample ID: 7-SS3-111512

Lab ID#: 1211514C-16A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	9113010	Date of Collection:	11/15/12 2:07:00 PM
Dil. Factor:	2.26	Date of Analysis:	11/30/12 09:56 AM

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.11	0.24

Container Type: 1 Liter Summa Canister (100% Certified)



Air Toxics

Client Sample ID: 11-SS1-111512

Lab ID#: 1211514C-17A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	9113011	Date of Collection:	11/15/12 2:35:00 PM
Dil. Factor:	2.03	Date of Analysis:	11/30/12 10:06 AM

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.10	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)



Air Toxics

Client Sample ID: 11-SS2-111512

Lab ID#: 1211514C-18A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	9113012	Date of Collection:	11/15/12 3:24:00 PM
Dil. Factor:	2.31	Date of Analysis:	11/30/12 10:15 AM

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.12	0.38

Container Type: 1 Liter Summa Canister (100% Certified)



Air Toxics

Client Sample ID: 11-SS2-111512 Lab Duplicate

Lab ID#: 1211514C-18AA

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	9113013	Date of Collection:	11/15/12 3:24:00 PM
Dil. Factor:	2.31	Date of Analysis:	11/30/12 10:24 AM

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.12	0.36

Container Type: 1 Liter Summa Canister (100% Certified)



Air Toxics

Client Sample ID: 11-SS3-111512

Lab ID#: 1211514C-19A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	9113014	Date of Collection:	11/15/12 3:30:00 PM
Dil. Factor:	2.57	Date of Analysis:	11/30/12 10:36 AM

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.13	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)



Air Toxics

Client Sample ID: 11-SS4-111512

Lab ID#: 1211514C-20A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	9113015	Date of Collection:	11/15/12 4:22:00 PM
Dil. Factor:	2.28	Date of Analysis:	11/30/12 10:43 AM

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.11	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1211514C-21A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	9113004	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	11/30/12 08:53 AM

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.050	Not Detected

Container Type: NA - Not Applicable



Air Toxics

Client Sample ID: LCS

Lab ID#: 1211514C-22A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	9113003	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 11/30/12 08:41 AM

Compound	%Recovery
Helium	103

Container Type: NA - Not Applicable



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1211514C-22AA

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	9113026	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 11/30/12 12:34 PM

Compound	%Recovery
Helium	107

Container Type: NA - Not Applicable

Air TOXICS LTD.

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

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FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Page 3 of 5

Project Manager Bill Bendie / Meredith D. Andrea
 Collected by: (Print and Sign) Thomas Ashton
 Company MFA Email _____
 Address 2001 NW 19th Ave. City Portland State OR Zip 97209
 Phone 503-944-9715 suite 200 Fax _____

Project Info:	Turn Around Time:	Lab Use Only
	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	Pressurized by: Date: Pressurization Gas: N ₂ He
P.O. # _____		
Project # <u>8006.31.01-05</u>		
Project Name <u>Park Laundry</u>		

TRW
11/16/12

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
01A	10-IA1-111512	23925	11/15/12	10:03	TO-15 SIM ^{see notes}	-30	-5		
02A	10-IA2-111512	32107	11/15/12	10:07		-30	-4.5		
03A	10-CS1-111512	31432	11/15/12	10:14		-30	-1.5		
04A	11-IA1-111512	34190	11/15/12	10:40		-30	-5		
05A	11-IA2-111512	14010	11/15/12	10:42		-30	-4		
06A	11-IA3-111512	5599	11/15/12	10:43		-29.5	-4		
07A	13-IA1-111612	34241	11/16/12	09:39		-29	-4		
08A	13-IA2-111612	5600	11/16/12	09:46		-30	-5		
09A	24-IA1-111612	33925	11/16/12	11:49		-30	4.5		
10A	24-IA2-111612	34737	11/16/12	10:58		-28	-4		

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>11/20/12 13:00</u>	Received by: (signature) <u>TRW</u> Date/Time <u>11/26/12 1000</u>	Notes: TO-15 SIM for select compounds. see attachment for list of compounds and reporting limits.
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name <u>FedEx TRW</u>	Air Bill # _____	Temp (°C) <u>N/A</u>	Condition <u>Good</u>	Custody Seals Intact? Yes No <u>None</u>	Work Order # <u>1211514</u>
	<u>UPS 11/26/12</u>					



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

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FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager Bill Bessie / Meredith D'Andrea
 Collected by: (Print and Sign) Thomas Ashton
 Company Max Foster + Abingi Email taskton@maxfoster.com
 Address 2001 NW 14th Ave. Suite 200 City Portland State OR Zip 97209
 Phone 503-944-9715 Fax _____

Project Info:	Turn Around Time:	Lab Use Only
	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	Pressurized by: Date: Pressurization Gas: N ₂ He
P.O. # _____		
Project # <u>8006.31.01-05</u>		
Project Name <u>Park Laundry</u>		

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
11A	1-551-111512	94521	11/15/12	16:37	TO-15 SIM	-28	-4.5		
12A	1-552-111512	36569	11/15/12	17:10		-30	-4.5		
13A	1-553-111512	9495	11/15/12	17:23		-30	-4.5		
14A	7-551-111512	15748	11/15/12	13:10		-29	-4.5		
15A	7-552-111512	35690	11/15/12	13:29		-28.5	-4		
16A	7-553-111512	97105	11/15/12	14:07		-30	-4.5		
17A	11-551-111512	9453	11/15/12	14:35		-29.5	-4.5		
18A	11-552-111512	34609	11/15/12	15:24		-28	-4.5		
19A	11-553-111512	9518	11/15/12	15:30		-29.5	-4.5		
20A	11-554-111512	93109	11/15/12	16:22		-28.5	-4.5		

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>1300 11/20/12</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>1000 11/26/12</u>	Notes: TO-15 SIM for select compounds See attachment for list of compounds and reporting limits.
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name <u>UPS</u>	Air Bill # _____	Temp (°C) <u>N/A</u>	Condition <u>Good</u>	Custody Seals Intact? Yes No <u>None</u>	Work Order # <u>1211514</u>
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1211514

Mr. Guy Barrett
October 12, 2012
Page 5

Project No. 8006.31.01

SAMPLE ANALYSIS AND QUALITY ASSURANCE

Samples will be analyzed for PCE and associated breakdown products (TCE; 1,1-DCE; cis-1,2-DCE; trans-1,2-DCE; 1,1-DCA; Chloroethane; and vinyl chloride) by Modified U.S. Environmental Protection Agency (USEPA) Method TO-15 selected ion monitoring method to achieve low reporting limits. Eurofins/Air Toxics of Folsom, California, will provide a 6-liter or 1-liter, stainless steel canister (Summa canister) for each sample. Laboratory-specific method reporting limits (MRLs) for VOCs are listed in the following table. The MRLs assume a 6-liter sample size, with the canister dilution factor not incorporated. The dilution factor is determined by the canister size and residual vacuum. For example, a 1-liter sample with a vacuum of 5-inches of mercury would have a MRL approximately 2.4 times higher than the values provided in the following table. If there are high concentrations of nontarget analytes in the samples (e.g., methylene chloride, acetone, toluene), the laboratory may dilute the sample to avoid overloading and damaging its instruments. MFA will coordinate with the laboratory to obtain the lowest possible MRLs.

Table
Analytes, Reporting Limits, and Screening Levels ($\mu\text{g}/\text{m}^3$)

Analyte	CAS Number	Reporting Limit	Screening Level—Air	Screening Level—Soil Gas
PCE	127-18-4	0.14	9.6	96
TCE	79-01-6	0.016	0.37	3.7
1,1-DCE	75-35-4	0.04	91	910
cis-1,2-DCE	156-59-2	0.08	16	160
trans-1,2-DCE	156-60-5	0.40	32	320
1,1-DCA	75-34-3	0.08	320	3200
Chloroethane	75-00-3	0.13	3	30
Vinyl chloride	75-01-4	0.03	0.28	2.8
Helium	7440-59-7	81799	NE	NE

NOTES:
Screening levels are based on Table B-1 of Ecology Guidance for Evaluating Soil Vapor Intrusion in Washington State: Investigation and Remedial Action. Values for PCE and TCE are based on CLARC guidance dated September, 2012.
CAS = Chemical Abstract Service
NE = Not Established
 $\mu\text{g}/\text{m}^3$ = micrograms per cubic meter.

MFA will receive the data electronically from the laboratory and the data will be transferred to a GISKey© database. The data will be validated consistent with Ecology and USEPA protocols. To document data reliability, a memorandum will be prepared summarizing

1/13/2013

Mr. Thomas Ashton
Maul Foster and Alongi Inc.
2001 NW 19th Ave
Suite 200
Portland OR 97209

Project Name: Park Laundry
Project #: 8006.31.01-05
Workorder #: 1211514DR1

Dear Mr. Thomas Ashton

The following report includes the data for the above referenced project for sample(s) received on 11/26/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 SIM are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kelly Buettner
Project Manager

WORK ORDER #: 1211514DR1

Work Order Summary

CLIENT:	Mr. Thomas Ashton Maul Foster and Alongi Inc. 2001 NW 19th Ave Suite 200 Portland, OR 97209	BILL TO:	Accounts Payable Maul Foster and Alongi Inc. 400 E. Mill Plain Blvd Suite 400 Vancouver, WA 98660
PHONE:	971-544-2139	P.O. #	
FAX:	971-544-2140	PROJECT #	8006.31.01-05 Park Laundry
DATE RECEIVED:	11/26/2012	CONTACT:	Kelly Buettner
DATE COMPLETED:	12/13/2012		
DATE REISSUED:	01/13/2013		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	10-IA1-111512	Modified TO-15 SIM	7.0 "Hg	5 psi
02A	10-IA2-111512	Modified TO-15 SIM	5.0 "Hg	5 psi
03A	10-CS1-111512	Modified TO-15 SIM	0.8 "Hg	5 psi
04A	11-IA1-111512	Modified TO-15 SIM	4.8 "Hg	5 psi
05A	11-IA2-111512	Modified TO-15 SIM	3.6 "Hg	5 psi
06A	11-IA3-111512	Modified TO-15 SIM	3.6 "Hg	5 psi
07A	13-IA1-111612	Modified TO-15 SIM	4.2 "Hg	5 psi
08A	13-IA2-111612	Modified TO-15 SIM	4.8 "Hg	5 psi
09A	24-IA1-111612	Modified TO-15 SIM	3.8 "Hg	5 psi
10A	24-IA2-111612	Modified TO-15 SIM	4.0 "Hg	5 psi
11A	Lab Blank	Modified TO-15 SIM	NA	NA
12A	CCV	Modified TO-15 SIM	NA	NA
13A	LCS	Modified TO-15 SIM	NA	NA
13AA	LCSD	Modified TO-15 SIM	NA	NA

CERTIFIED BY: 
 Technical Director

DATE: 01/13/13

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
 TX NELAP - T104704434-12-4, UT NELAP CA009332012-3, WA NELAP - C935

Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
 Accreditation number: CA300005, Effective date: 10/18/2012, Expiration date: 10/17/2013.

Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified TO-15 SIM
Maul Foster and Alongi Inc.
Workorder# 1211514DR1

Ten 6 Liter Summa Canister (SIM Certified) samples were received on November 26, 2012. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to <math>< 40\%</math> RSD	Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to <math>< 40\%</math> RSD
Daily Calibration	+/- 30% Difference	Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

This workorder was created to evaluate Trichloroethene (TCE) and 1,2-Dichloroethane (1,2-DCA) in all samples down to the Method Detection Limit to allow for comparison of results to the required screening levels. Please note that this workorder fraction contains only a subset of the requested analytes. The full list evaluated to the Reporting Limit (RL), including TCE and 1,2-DCA, were reported in workorder 1211514A on 12-13-12.

All canisters used for this project have been certified to the RL for the target analytes. Concentrations that are below the level at which the canister was certified may be false positives.

THE WORK ORDER WAS RE-ISSUED ON 1/13/13 TO INCLUDE THE MDL VALUES IN THE FINAL REPORT.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue



MODIFIED EPA METHOD TO-15 GC/MS SIM

Park Laundry

Client ID:	10-IA1-111512	Date/Time Analyzed:	12/5/12 08:53 AM
Lab ID:	1211514DR1-01A	Dilution Factor:	1.75
Date/Time Collecte	11/15/12 10:03 AM	Instrument/Filename:	msda.i / a120419simD
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.0076	0.035	0.14	0.33
Trichloroethene	79-01-6	0.026	0.047	0.19	0.030 J

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	116
4-Bromofluorobenzene	460-00-4	70-130	96
Toluene-d8	2037-26-5	70-130	100

MODIFIED EPA METHOD TO-15 GC/MS SIM

Park Laundry

Client ID:	10-IA2-111512	Date/Time Analyzed:	12/5/12 09:30 AM
Lab ID:	1211514DR1-02A	Dilution Factor:	1.61
Date/Time Collecte	11/15/12 10:07 AM	Instrument/Filename:	msda.i / a120420simD
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.0070	0.032	0.13	0.44
Trichloroethene	79-01-6	0.024	0.043	0.17	0.026 J

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	117
4-Bromofluorobenzene	460-00-4	70-130	99
Toluene-d8	2037-26-5	70-130	102



MODIFIED EPA METHOD TO-15 GC/MS SIM

Park Laundry

Client ID:	10-CS1-111512	Date/Time Analyzed:	12/5/12 10:06 AM
Lab ID:	1211514DR1-03A	Dilution Factor:	1.38
Date/Time Collecte	11/15/12 10:14 AM	Instrument/Filename:	msda.i / a120421simD
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.0060	0.028	0.11	0.063 J
Trichloroethene	79-01-6	0.021	0.037	0.15	0.035 J

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	114
4-Bromofluorobenzene	460-00-4	70-130	94
Toluene-d8	2037-26-5	70-130	101

MODIFIED EPA METHOD TO-15 GC/MS SIM

Park Laundry

Client ID:	11-IA1-111512	Date/Time Analyzed:	12/5/12 10:42 AM
Lab ID:	1211514DR1-04A	Dilution Factor:	1.60
Date/Time Collecte	11/15/12 10:40 AM	Instrument/Filename:	msda.i / a120422simD
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.0070	0.032	0.13	0.22
Trichloroethene	79-01-6	0.024	0.043	0.17	0.043 J

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	114
4-Bromofluorobenzene	460-00-4	70-130	97
Toluene-d8	2037-26-5	70-130	101

MODIFIED EPA METHOD TO-15 GC/MS SIM

Park Laundry

Client ID:	11-IA2-111512	Date/Time Analyzed:	12/5/12 11:21 AM
Lab ID:	1211514DR1-05A	Dilution Factor:	1.52
Date/Time Collecte	11/15/12 10:42 AM	Instrument/Filename:	msda.i / a120423simD
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.0066	0.031	0.12	0.20
Trichloroethene	79-01-6	0.023	0.041	0.16	0.051 J

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	113
4-Bromofluorobenzene	460-00-4	70-130	94
Toluene-d8	2037-26-5	70-130	100

MODIFIED EPA METHOD TO-15 GC/MS SIM

Park Laundry

Client ID:	11-IA3-111512	Date/Time Analyzed:	12/5/12 12:12 PM
Lab ID:	1211514DR1-06A	Dilution Factor:	1.52
Date/Time Collecte	11/15/12 10:43 AM	Instrument/Filename:	msda.i / a120424simD
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.0066	0.031	0.12	0.19
Trichloroethene	79-01-6	0.023	0.041	0.16	0.035 J

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	119
4-Bromofluorobenzene	460-00-4	70-130	98
Toluene-d8	2037-26-5	70-130	102

MODIFIED EPA METHOD TO-15 GC/MS SIM

Park Laundry

Client ID:	13-IA1-111612	Date/Time Analyzed:	12/5/12 12:48 PM
Lab ID:	1211514DR1-07A	Dilution Factor:	1.56
Date/Time Collecte	11/16/12 09:39 AM	Instrument/Filename:	msda.i / a120425simD
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.0068	0.032	0.13	0.48
Trichloroethene	79-01-6	0.023	0.042	0.17	0.030 J

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	115
4-Bromofluorobenzene	460-00-4	70-130	92
Toluene-d8	2037-26-5	70-130	100

MODIFIED EPA METHOD TO-15 GC/MS SIM

Park Laundry

Client ID:	13-IA2-111612	Date/Time Analyzed:	12/5/12 01:24 PM
Lab ID:	1211514DR1-08A	Dilution Factor:	1.60
Date/Time Collecte	11/16/12 09:46 AM	Instrument/Filename:	msda.i / a120426simD
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.0070	0.032	0.13	0.67
Trichloroethene	79-01-6	0.024	0.043	0.17	0.095 J

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	116
4-Bromofluorobenzene	460-00-4	70-130	95
Toluene-d8	2037-26-5	70-130	100

MODIFIED EPA METHOD TO-15 GC/MS SIM

Park Laundry

Client ID:	24-IA1-111612	Date/Time Analyzed:	12/5/12 02:00 PM
Lab ID:	1211514DR1-09A	Dilution Factor:	1.53
Date/Time Collecte	11/16/12 11:49 AM	Instrument/Filename:	msda.i / a120427simD
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.0067	0.031	0.12	0.080 J
Trichloroethene	79-01-6	0.023	0.041	0.16	0.068 J

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	118
4-Bromofluorobenzene	460-00-4	70-130	98
Toluene-d8	2037-26-5	70-130	101

MODIFIED EPA METHOD TO-15 GC/MS SIM

Park Laundry

Client ID:	24-IA2-111612	Date/Time Analyzed:	12/5/12 02:36 PM
Lab ID:	1211514DR1-10A	Dilution Factor:	1.55
Date/Time Collecte	11/16/12 10:58 AM	Instrument/Filename:	msda.i / a120428simD
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.0068	0.031	0.12	0.080 J
Trichloroethene	79-01-6	0.023	0.042	0.17	0.029 J

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	119
4-Bromofluorobenzene	460-00-4	70-130	96
Toluene-d8	2037-26-5	70-130	100

MODIFIED EPA METHOD TO-15 GC/MS SIM

Park Laundry

Client ID:	Lab Blank	Date/Time Analyzed:	12/4/12 10:19 PM
Lab ID:	1211514DR1-11A	Dilution Factor:	1.00
Date/Time Collecte	NA - Not Applicable	Instrument/Filename:	msda.i / a120416simE
Media:	NA - Not Applicable		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.0044	0.020	0.081	Not Detected
Trichloroethene	79-01-6	0.015	0.027	0.11	Not Detected

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	118
4-Bromofluorobenzene	460-00-4	70-130	99
Toluene-d8	2037-26-5	70-130	102

MODIFIED EPA METHOD TO-15 GC/MS SIM
Park Laundry

Client ID:	CCV	Date/Time Analyzed:	12/4/12 06:01 PM
Lab ID:	1211514DR1-12A	Dilution Factor:	1.00
Date/Time Collecte	NA - Not Applicable	Instrument/Filename:	msda.i / a120412sim
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
1,2-Dichloroethane	107-06-2	125
Trichloroethene	79-01-6	101

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	114
4-Bromofluorobenzene	460-00-4	70-130	101
Toluene-d8	2037-26-5	70-130	102

MODIFIED EPA METHOD TO-15 GC/MS SIM
Park Laundry

Client ID:	LCS	Date/Time Analyzed:	12/4/12 06:51 PM
Lab ID:	1211514DR1-13A	Dilution Factor:	1.00
Date/Time Collecte	NA - Not Applicable	Instrument/Filename:	msda.i / a120413sim
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
1,2-Dichloroethane	107-06-2	120
Trichloroethene	79-01-6	95

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	121
4-Bromofluorobenzene	460-00-4	70-130	110
Toluene-d8	2037-26-5	70-130	106

* % Recovery is calculated using unrounded analytical results.

MODIFIED EPA METHOD TO-15 GC/MS SIM
Park Laundry

Client ID:	LCSD	Date/Time Analyzed:	12/4/12 07:46 PM
Lab ID:	1211514DR1-13AA	Dilution Factor:	1.00
Date/Time Collecte	NA - Not Applicable	Instrument/Filename:	msda.i / a120414sim
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
1,2-Dichloroethane	107-06-2	116
Trichloroethene	79-01-6	96

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	122
4-Bromofluorobenzene	460-00-4	70-130	101
Toluene-d8	2037-26-5	70-130	110

* % Recovery is calculated using unrounded analytical results.

Air TOXICS LTD.

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

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Page 3 of 5

Project Manager Bill Beaudie / Meredith D'Andrea
 Collected by: (Print and Sign) Thomas Ashton
 Company MFA Email _____
 Address 201 NW 19th Ave. City Portland State OR Zip 97209
 Phone 503-944-9715 suite 200 Fax _____

Project Info: P.O. # _____ Project # <u>8006.31.01-05</u> Project Name <u>Park Laundry</u>	Turn Around Time: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	Lab Use Only Pressurized by: _____ Date: _____ Pressurization Gas: <u>N₂</u> He
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Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
01A	10-IA1-111512	23925	11/15/12	10:03	TO-15 SIM <small>see notes</small>	-30	-5		
02A	10-IA2-111512	32107	11/15/12	10:07		-30	-4.5		
03A	10-CSI-111512	31432	11/15/12	10:14		-30	-1.5		
04A	11-IA1-111512	34190	11/15/12	10:40		-30	-5		
05A	11-IA2-111512	14010	11/15/12	10:42		-30	-4		
06A	11-IA3-111512	5599	11/15/12	10:43		-29.5	-4		
07A	13-IA1-111612	34241	11/16/12	09:39		-29	-4		
08A	13-IA2-111612	5600	11/16/12	09:46		-30	-5		
09A	24-IA1-111612	33925	11/16/12	11:49		-30	4.5		
10A	24-IA2-111612	34737	11/16/12	10:58		-28	-4		

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>11/20/12 13:00</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>11/26/12 1000</u>	Notes: TO-15 SIM for select compounds. see attachment for list of compounds and reporting limits.
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name <u>FedEx</u>	Air Bill # _____	Temp (°C) <u>N/A</u>	Condition <u>Good</u>	Custody Seals Intact? Yes No <u>None</u>	Work Order # <u>1211514</u>
	<u>UPS</u> <u>11/26/12</u>					



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

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Project Manager Bill Barchia / Meredith DiAndrea
 Collected by: (Print and Sign) Thomas Achten
 Company Max Foster + Abongi Email taskforce@maxfoster.com
 Address 2001 NW 14th Ave. City Portland State OR Zip 97209
 Phone 503-944-9715 ^{Suite 200} Fax _____

Project Info:	Turn Around Time:	Lab Use Only
	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush	Pressurized by: Date: Pressurization Gas: N ₂ He
P.O. # _____	Project # <u>8006.31.01-05</u>	Project Name <u>Park Laundry</u>

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
11A	1-SS1-111512	94521	11/15/12	16:37	TO-15 SEM	-28	-4.5		
12A	1-SS2-111512	36569	11/15/12	17:10		-30	-4.5		
13A	1-SS3-111512	9495	11/15/12	17:23		-30	-4.5		
14A	7-SS1-111512	15748	11/15/12	13:10		-29	-4.5		
15A	7-SS2-111512	35690	11/15/12	13:29		-28.5	-4		
16A	7-SS3-111512	97105	11/15/12	14:07		-30	-4.5		
17A	11-SS1-111512	9453	11/15/12	14:35		-29.5	-4.5		
18A	11-SS2-111512	34609	11/15/12	15:24		-28	-4.5		
19A	11-SS3-111512	9518	11/15/12	15:30		-29.5	-4.5		
20A	11-SS4-111512	93109	11/15/12	16:22		-28.5	-4.5		

TOP 11/20/12

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>1300 11/20/12</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>1000 11/20/12</u>	Notes: TO-15 SEM for select compounds. See attachment for list of compounds and reporting limits.
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name <u>UPS</u>	Air Bill # _____	Temp (°C) <u>N/A</u>	Condition <u>Good</u>	Custody Seals Intact? Yes No <u>None</u>	Work Order # <u>1211514</u>
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1211514

Mr. Guy Barrett
October 12, 2012
Page 5

Project No. 8006.31.01

SAMPLE ANALYSIS AND QUALITY ASSURANCE

Samples will be analyzed for PCE and associated breakdown products (TCE; 1,1-DCE; cis-1,2-DCE; trans-1,2-DCE; 1,1-DCA; Chloroethane; and vinyl chloride) by Modified U.S. Environmental Protection Agency (USEPA) Method TO-15 selected ion monitoring method to achieve low reporting limits. Eurofins/Air Toxics of Folsom, California, will provide a 6-liter or 1-liter, stainless steel canister (Summa canister) for each sample. Laboratory-specific method reporting limits (MRLs) for VOCs are listed in the following table. The MRLs assume a 6-liter sample size, with the canister dilution factor not incorporated. The dilution factor is determined by the canister size and residual vacuum. For example, a 1-liter sample with a vacuum of 5-inches of mercury would have a MRL approximately 2.4 times higher than the values provided in the following table. If there are high concentrations of nontarget analytes in the samples (e.g., methylene chloride, acetone, toluene), the laboratory may dilute the sample to avoid overloading and damaging its instruments. MFA will coordinate with the laboratory to obtain the lowest possible MRLs.

Table
Analytes, Reporting Limits, and Screening Levels ($\mu\text{g}/\text{m}^3$)

Analyte	CAS Number	Reporting Limit	Screening Level—Air	Screening Level—Soil Gas
PCE	127-18-4	0.14	9.6	96
TCE	79-01-6	0.016	0.37	3.7
1,1-DCE	75-35-4	0.04	91	910
cis-1,2-DCE	156-59-2	0.08	16	160
trans-1,2-DCE	156-60-5	0.40	32	320
1,1-DCA	75-34-3	0.08	320	3200
Chloroethane	75-00-3	0.13	3	30
Vinyl chloride	75-01-4	0.03	0.28	2.8
Helium	7440-59-7	81799	NE	NE

NOTES:
Screening levels are based on Table B-1 of Ecology Guidance for Evaluating Soil Vapor Intrusion in Washington State: Investigation and Remedial Action, Values for PCE and TCE are based on CLARC guidance dated September, 2012.
CAS = Chemical Abstract Service
NE = Not Established
 $\mu\text{g}/\text{m}^3$ = micrograms per cubic meter.

MFA will receive the data electronically from the laboratory and the data will be transferred to a GISKey© database. The data will be validated consistent with Ecology and USEPA protocols. To document data reliability, a memorandum will be prepared summarizing

1/14/2013

Mr. Thomas Ashton
Maul Foster and Alongi Inc.
2001 NW 19th Ave
Suite 200
Portland OR 97209

Project Name: Park Laundry
Project #: 8006.31.01-05
Workorder #: 1211514ER2

Dear Mr. Thomas Ashton

The following report includes the data for the above referenced project for sample(s) received on 11/26/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kelly Buettner
Project Manager

WORK ORDER #: 1211514ER2

Work Order Summary

CLIENT:	Mr. Thomas Ashton Maul Foster and Alongi Inc. 2001 NW 19th Ave Suite 200 Portland, OR 97209	BILL TO:	Accounts Payable Maul Foster and Alongi Inc. 400 E. Mill Plain Blvd Suite 400 Vancouver, WA 98660
PHONE:	971-544-2139	P.O. #	
FAX:	971-544-2140	PROJECT #	8006.31.01-05 Park Laundry
DATE RECEIVED:	11/26/2012	CONTACT:	Kelly Buettner
DATE COMPLETED:	12/13/2012		
DATE REISSUED:	01/14/2013		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
11A	1-SS1-111512	Modified TO-15	3.4 "Hg	15 psi
12A	1-SS2-111512	Modified TO-15	2.6 "Hg	15 psi
13A	1-SS3-111512	Modified TO-15	3.2 "Hg	15 psi
14A	7-SS1-111512	Modified TO-15	3.8 "Hg	15 psi
15A	7-SS2-111512	Modified TO-15	4.8 "Hg	15 psi
16A	7-SS3-111512	Modified TO-15	3.2 "Hg	15 psi
17A	11-SS1-111512	Modified TO-15	0.2 "Hg	15 psi
18A	11-SS2-111512	Modified TO-15	3.8 "Hg	15 psi
19A	11-SS3-111512	Modified TO-15	6.4 "Hg	15 psi
20A	11-SS4-111512	Modified TO-15	3.4 "Hg	15 psi
21A	Lab Blank	Modified TO-15	NA	NA
22A	CCV	Modified TO-15	NA	NA
23A	LCS	Modified TO-15	NA	NA
23AA	LCS D	Modified TO-15	NA	NA

CERTIFIED BY: 
 Technical Director

DATE: 01/14/13

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
 TX NELAP - T104704434-12-4, UT NELAP CA009332012-3, WA NELAP - C935

Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
 Accreditation number: CA300005, Effective date: 10/18/2012, Expiration date: 10/17/2013.

Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
 (916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020



LABORATORY NARRATIVE
Modified TO-15
Maul Foster and Alongi Inc.
Workorder# 1211514ER2

Ten 1 Liter Summa Canister (100% Certified) samples were received on November 26, 2012. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
Initial Calibration	$\leq 30\%$ RSD with 2 compounds allowed out to $< 40\%$ RSD	$\leq 30\%$ RSD with 4 compounds allowed out to $< 40\%$ RSD
Blank and standards	Zero Air	UHP Nitrogen provides a higher purity gas matrix than zero air

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

Dilution was performed on samples 11-SS2-111512, 11-SS3-111512, and 11-SS4-111512 due to the presence of high level non-target species.

This workorder was created to evaluate Trichloroethene (TCE) and 1,2-Dichloroethane (1,2-DCA) in all samples down to the Method Detection Limit to allow for comparison of results to the required screening levels. Please note that this workorder fraction contains only a subset of the requested analytes. The full list evaluated to the Reporting Limit (RL), including TCE and 1,2-DCA, were reported in workorder 1211514B on 12-13-12.

All canisters used for this project have been certified to the RL for the target analytes. Concentrations that are below the level at which the canister was certified may be false positives.

THE WORK ORDER WAS RE-ISSUED ON 1/14/13 TO INCLUDE THE MDL VALUES IN THE FINAL REPORT.

THE WORK ORDER WAS REISSUED ON 1/14/13 TO APPLY THE REPORTING LIMITS AND ASSOCIATED RESULTS GENERATED FROM THE FULL SCAN TO-15 DATA FILE CONSISTENT WITH WORKORDER 1211515A, RATHER THAN THE LOWER SIM REPORTING LIMITS AND RESULTS GENERATED FROM THE TO-15 SIM DATA FILE. CHANGING THE REPORTING LIMITS FROM SIM TO FULL SCAN CAUSED SOME

PREVIOUSLY REPORTED COMPOUNDS TO BE BELOW THE REPORTING LIMIT AND WERE THEREFORE REPORTED AS "NOT DETECTED".

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue



MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Park Laundry

Client ID:	1-SS1-111512	Date/Time Analyzed:	11/30/12 02:10 PM
Lab ID:	1211514ER2-11A	Dilution Factor:	2.28
Date/Time Collecte	11/15/12 04:37 PM	Instrument/Filename:	msdv.i / v113010er1
Media:	1 Liter Summa Canister (100% Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.075	0.46	0.92	Not Detected
Trichloroethene	79-01-6	0.19	0.61	1.2	0.29 J

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	97
4-Bromofluorobenzene	460-00-4	70-130	110
Toluene-d8	2037-26-5	70-130	103



MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Park Laundry

Client ID:	1-SS2-111512	Date/Time Analyzed:	11/30/12 03:04 PM
Lab ID:	1211514ER2-12A	Dilution Factor:	2.21
Date/Time Collecte	11/15/12 05:10 PM	Instrument/Filename:	msdv.i / v113011er1
Media:	1 Liter Summa Canister (100% Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.073	0.45	0.89	Not Detected
Trichloroethene	79-01-6	0.18	0.59	1.2	Not Detected

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	100
4-Bromofluorobenzene	460-00-4	70-130	99
Toluene-d8	2037-26-5	70-130	97



MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Park Laundry

Client ID:	1-SS3-111512	Date/Time Analyzed:	11/30/12 04:25 PM
Lab ID:	1211514ER2-13A	Dilution Factor:	2.26
Date/Time Collecte	11/15/12 05:23 PM	Instrument/Filename:	msdv.i / v113012er1
Media:	1 Liter Summa Canister (100% Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.074	0.46	0.91	Not Detected
Trichloroethene	79-01-6	0.19	0.61	1.2	0.35 J

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	101
4-Bromofluorobenzene	460-00-4	70-130	110
Toluene-d8	2037-26-5	70-130	100

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Park Laundry

Client ID:	7-SS1-111512	Date/Time Analyzed:	11/30/12 05:02 PM
Lab ID:	1211514ER2-14A	Dilution Factor:	2.31
Date/Time Collecte	11/15/12 01:10 PM	Instrument/Filename:	msdv.i / v113013er1
Media:	1 Liter Summa Canister (100% Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.076	0.47	0.93	Not Detected
Trichloroethene	79-01-6	0.19	0.62	1.2	0.31 J

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	100
4-Bromofluorobenzene	460-00-4	70-130	104
Toluene-d8	2037-26-5	70-130	99

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Park Laundry

Client ID:	7-SS2-111512	Date/Time Analyzed:	11/30/12 05:52 PM
Lab ID:	1211514ER2-15A	Dilution Factor:	2.40
Date/Time Collecte	11/15/12 01:29 PM	Instrument/Filename:	msdv.i / v113014er1
Media:	1 Liter Summa Canister (100% Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.079	0.48	0.97	Not Detected
Trichloroethene	79-01-6	0.20	0.64	1.3	0.36 J

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	102
4-Bromofluorobenzene	460-00-4	70-130	109
Toluene-d8	2037-26-5	70-130	103



MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Park Laundry

Client ID:	7-SS3-111512	Date/Time Analyzed:	11/30/12 06:43 PM
Lab ID:	1211514ER2-16A	Dilution Factor:	2.26
Date/Time Collecte	11/15/12 02:07 PM	Instrument/Filename:	msdv.i / v113015er1
Media:	1 Liter Summa Canister (100% Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.074	0.46	0.91	Not Detected
Trichloroethene	79-01-6	0.19	0.61	1.2	Not Detected

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	99
4-Bromofluorobenzene	460-00-4	70-130	108
Toluene-d8	2037-26-5	70-130	101



MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Park Laundry

Client ID:	11-SS1-111512	Date/Time Analyzed:	11/30/12 07:19 PM
Lab ID:	1211514ER2-17A	Dilution Factor:	2.03
Date/Time Collecte	11/15/12 02:35 PM	Instrument/Filename:	msdv.i / v113016er1
Media:	1 Liter Summa Canister (100% Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.067	0.41	0.82	0.22 J
Trichloroethene	79-01-6	0.17	0.54	1.1	Not Detected

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	102
4-Bromofluorobenzene	460-00-4	70-130	106
Toluene-d8	2037-26-5	70-130	98

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Park Laundry

Client ID:	11-SS2-111512	Date/Time Analyzed:	11/30/12 08:55 PM
Lab ID:	1211514ER2-18A	Dilution Factor:	4.62
Date/Time Collecte	11/15/12 03:24 PM	Instrument/Filename:	msdv.i / v113017er1
Media:	1 Liter Summa Canister (100% Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.15	0.93	1.9	0.72 J
Trichloroethene	79-01-6	0.38	1.2	2.5	Not Detected

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	103
4-Bromofluorobenzene	460-00-4	70-130	107
Toluene-d8	2037-26-5	70-130	100



MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Park Laundry

Client ID:	11-SS3-111512	Date/Time Analyzed:	11/30/12 09:31 PM
Lab ID:	1211514ER2-19A	Dilution Factor:	5.14
Date/Time Collecte	11/15/12 03:30 PM	Instrument/Filename:	msdv.i / v113018er1
Media:	1 Liter Summa Canister (100% Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.17	1.0	2.1	Not Detected
Trichloroethene	79-01-6	0.42	1.4	2.8	Not Detected

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	101
4-Bromofluorobenzene	460-00-4	70-130	109
Toluene-d8	2037-26-5	70-130	100



MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Park Laundry

Client ID:	11-SS4-111512	Date/Time Analyzed:	11/30/12 10:17 PM
Lab ID:	1211514ER2-20A	Dilution Factor:	7.12
Date/Time Collecte	11/15/12 04:22 PM	Instrument/Filename:	msdv.i / v113019er1
Media:	1 Liter Summa Canister (100% Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.23	1.4	2.9	Not Detected
Trichloroethene	79-01-6	0.59	1.9	3.8	Not Detected

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	100
4-Bromofluorobenzene	460-00-4	70-130	103
Toluene-d8	2037-26-5	70-130	103

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Park Laundry

Client ID:	Lab Blank	Date/Time Analyzed:	11/30/12 01:08 PM
Lab ID:	1211514ER2-21A	Dilution Factor:	1.00
Date/Time Collecte	NA - Not Applicable	Instrument/Filename:	msdv.i / v113009er1
Media:	NA - Not Applicable		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.033	0.20	0.40	Not Detected
Trichloroethene	79-01-6	0.082	0.27	0.54	Not Detected

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	98
4-Bromofluorobenzene	460-00-4	70-130	103
Toluene-d8	2037-26-5	70-130	99

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Park Laundry

Client ID:	CCV	Date/Time Analyzed:	11/30/12 09:02 AM
Lab ID:	1211514ER2-22A	Dilution Factor:	1.00
Date/Time Collecte	NA - Not Applicable	Instrument/Filename:	msdv.i / v113004
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
1,2-Dichloroethane	107-06-2	110
Trichloroethene	79-01-6	98

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	106
4-Bromofluorobenzene	460-00-4	70-130	108
Toluene-d8	2037-26-5	70-130	100

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN
Park Laundry

Client ID:	LCS	Date/Time Analyzed:	11/30/12 09:49 AM
Lab ID:	1211514ER2-23A	Dilution Factor:	1.00
Date/Time Collecte	NA - Not Applicable	Instrument/Filename:	msdv.i / v113005
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
1,2-Dichloroethane	107-06-2	104
Trichloroethene	79-01-6	92

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	97
4-Bromofluorobenzene	460-00-4	70-130	102
Toluene-d8	2037-26-5	70-130	99

* % Recovery is calculated using unrounded analytical results.

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN
Park Laundry

Client ID:	LCSD	Date/Time Analyzed:	11/30/12 10:32 AM
Lab ID:	1211514ER2-23AA	Dilution Factor:	1.00
Date/Time Collecte	NA - Not Applicable	Instrument/Filename:	msdv.i / v113006
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
1,2-Dichloroethane	107-06-2	102
Trichloroethene	79-01-6	91

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	100
4-Bromofluorobenzene	460-00-4	70-130	102
Toluene-d8	2037-26-5	70-130	96

* % Recovery is calculated using unrounded analytical results.

@Air TOXICS LTD.

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Page 3 of 5

Project Manager Bill Bendie / Meredith D. Andrea
 Collected by: (Print and Sign) Thomas Ashton
 Company MFA Email _____
 Address 2001 NW 19th Ave. City Portland State OR Zip 97209
 Phone 503-944-9715 suite 200 Fax _____

Project Info:	Turn Around Time:	Lab Use Only
	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	Pressurized by: Date: Pressurization Gas: N ₂ He
P.O. # _____		
Project # <u>8006.31.01-05</u>		
Project Name <u>Park Laundry</u>		

TRW
11/16/12

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
01A	10-IA1-111512	23925	11/15/12	10:03	TO-15 SIM ^{see notes}	-30	-5		
02A	10-IA2-111512	32107	11/15/12	10:07		-30	-4.5		
03A	10-CS1-111512	31432	11/15/12	10:14		-30	-1.5		
04A	11-IA1-111512	34190	11/15/12	10:40		-30	-5		
05A	11-IA2-111512	14010	11/15/12	10:42		-30	-4		
06A	11-IA3-111512	5599	11/15/12	10:43		-29.5	-4		
07A	13-IA1-111612	34241	11/16/12	09:39		-29	-4		
08A	13-IA2-111612	5600	11/16/12	09:46		-30	-5		
09A	24-IA1-111612	33925	11/16/12	11:49		-30	4.5		
10A	24-IA2-111612	34737	11/16/12	10:58		-28	-4		

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>11/20/12 13:00</u>	Received by: (signature) <u>TRW</u> Date/Time <u>11/26/12 1000</u>	Notes: TO-15 SIM for select compounds. see attachment for list of compounds and reporting limits.
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name <u>FedEx TRW</u>	Air Bill # _____	Temp (°C) <u>N/A</u>	Condition <u>Good</u>	Custody Seals Intact? Yes No <u>None</u>	Work Order # <u>1211514</u>
	<u>UPS 11/26/12</u>					



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager Bill Bessie / Meredith D'Andrea
 Collected by: (Print and Sign) Thomas Ashton
 Company Max Foster + Abingi Email taskton@maxfoster.com
 Address 2001 NW 14th Ave. Suite 200 City Portland State OR Zip 97209
 Phone 503-944-9715 Fax _____

Project Info:	Turn Around Time:	Lab Use Only
	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	Pressurized by: Date: Pressurization Gas: N ₂ He
P.O. # _____		
Project # <u>8006.31.01-05</u>		
Project Name <u>Park Laundry</u>		

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
11A	1-551-111512	94521	11/15/12	16:37	TO-15 SIM	-28	-4.5		
12A	1-552-111512	36569	11/15/12	17:10		-30	-4.5		
13A	1-553-111512	9495	11/15/12	17:23		-30	-4.5		
14A	7-551-111512	15748	11/15/12	13:10		-29	-4.5		
15A	7-552-111512	35690	11/15/12	13:29		-28.5	-4		
16A	7-553-111512	97105	11/15/12	14:07		-30	-4.5		
17A	11-551-111512	9453	11/15/12	14:35		-29.5	-4.5		
18A	11-552-111512	34609	11/15/12	15:24		-28	-4.5		
19A	11-553-111512	9518	11/15/12	15:30		-29.5	-4.5		
20A	11-554-111512	93109	11/15/12	16:22		-28.5	-4.5		

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>1300 11/20/12</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>1000 11/26/12</u>	Notes: TO-15 SIM for select compounds See attachment for list of compounds and reporting limits.
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name <u>UPS</u>	Air Bill # _____	Temp (°C) <u>N/A</u>	Condition <u>Good</u>	Custody Seals Intact? Yes No <u>None</u>	Work Order # <u>1211514</u>
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WEST PRINTING & GRAPHICS (916) 704-8000

121151X

Mr. Guy Barrett
October 12, 2012
Page 5

Project No. 8006.31.01

SAMPLE ANALYSIS AND QUALITY ASSURANCE

Samples will be analyzed for PCE and associated breakdown products (TCE; 1,1-DCE; cis-1,2-DCE; trans-1,2-DCE; 1,1-DCA; Chloroethane; and vinyl chloride) by Modified U.S. Environmental Protection Agency (USEPA) Method TO-15 selected ion monitoring method to achieve low reporting limits. Eurofins/Air Toxics of Folsom, California, will provide a 6-liter or 1-liter, stainless steel canister (Summa canister) for each sample. Laboratory-specific method reporting limits (MRLs) for VOCs are listed in the following table. The MRLs assume a 6-liter sample size, with the canister dilution factor not incorporated. The dilution factor is determined by the canister size and residual vacuum. For example, a 1-liter sample with a vacuum of 5-inches of mercury would have a MRL approximately 2.4 times higher than the values provided in the following table. If there are high concentrations of nontarget analytes in the samples (e.g., methylene chloride, acetone, toluene), the laboratory may dilute the sample to avoid overloading and damaging its instruments. MFA will coordinate with the laboratory to obtain the lowest possible MRLs.

Table
Analytes, Reporting Limits, and Screening Levels ($\mu\text{g}/\text{m}^3$)

Analyte	CAS Number	Reporting Limit	Screening Level—Air	Screening Level—Soil Gas
PCE	127-18-4	0.14	9.6	96
TCE	79-01-6	0.016	0.37	3.7
1,1-DCE	75-35-4	0.04	91	910
cis-1,2-DCE	156-59-2	0.08	16	160
trans-1,2-DCE	156-60-5	0.40	32	320
1,1-DCA	75-34-3	0.08	320	3200
Chloroethane	75-00-3	0.13	3	30
Vinyl chloride	75-01-4	0.03	0.28	2.8
Helium	7440-59-7	81799	NE	NE

NOTES:
Screening levels are based on Table B-1 of Ecology Guidance for Evaluating Soil Vapor Intrusion in Washington State: Investigation and Remedial Action. Values for PCE and TCE are based on CLARC guidance dated September, 2012.
CAS = Chemical Abstract Service
NE = Not Established
 $\mu\text{g}/\text{m}^3$ = micrograms per cubic meter.

MFA will receive the data electronically from the laboratory and the data will be transferred to a GISKey© database. The data will be validated consistent with Ecology and USEPA protocols. To document data reliability, a memorandum will be prepared summarizing

12/13/2012

Mr. Thomas Ashton
Maul Foster and Alongi Inc.
2001 NW 19th Ave
Suite 200
Portland OR 97209

Project Name: Park Laundry
Project #: 8006.31.01-05
Workorder #: 1211515A

Dear Mr. Thomas Ashton

The following report includes the data for the above referenced project for sample(s) received on 11/26/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kelly Buettner
Project Manager

WORK ORDER #: 1211515A

Work Order Summary

CLIENT:	Mr. Thomas Ashton Maul Foster and Alongi Inc. 2001 NW 19th Ave Suite 200 Portland, OR 97209	BILL TO:	Accounts Payable Maul Foster and Alongi Inc. 400 E. Mill Plain Blvd Suite 400 Vancouver, WA 98660
PHONE:	971-544-2139	P.O. #	
FAX:	971-544-2140	PROJECT #	8006.31.01-05 Park Laundry
DATE RECEIVED:	11/26/2012	CONTACT:	Kelly Buettner
DATE COMPLETED:	12/13/2012		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	13-SS1-111612	Modified TO-15	2.0 "Hg	15 psi
02A	1-SG1-111512	Modified TO-15	2.2 "Hg	15 psi
03A	5-SG1-111512	Modified TO-15	3.6 "Hg	15 psi
04A	11-SG1-111612	Modified TO-15	3.6 "Hg	15 psi
05A	13-SG1-111512	Modified TO-15	5.8 "Hg	15 psi
06A	24-SG1-111512	Modified TO-15	5.2 "Hg	15 psi
07A	27-SG1-111512	Modified TO-15	2.2 "Hg	15 psi
08A	45-SG1-111512	Modified TO-15	3.2 "Hg	15 psi
09A	46-SG1-111512	Modified TO-15	1.8 "Hg	15 psi
10A	Lab Blank	Modified TO-15	NA	NA
11A	CCV	Modified TO-15	NA	NA
12A	LCS	Modified TO-15	NA	NA
12AA	LCSD	Modified TO-15	NA	NA

CERTIFIED BY: 
 Technical Director

DATE: 12/13/12

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
 TX NELAP - T104704434-12-5, UT NELAP CA009332012-3, WA NELAP - C935

Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
 Accreditation number: CA300005, Effective date: 10/18/2011, Expiration date: 10/17/2012.

Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
 (916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020



LABORATORY NARRATIVE
Modified TO-15
Maul Foster and Alongi Inc.
Workorder# 1211515A

Nine 1 Liter Summa Canister (100% Certified) samples were received on November 26, 2012. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
Initial Calibration	</=30% RSD with 2 compounds allowed out to < 40% RSD	</=30% RSD with 4 compounds allowed out to < 40% RSD
Blank and standards	Zero Air	UHP Nitrogen provides a higher purity gas matrix than zero air

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

Dilution was performed on sample 45-SG1-111512 due to the presence of high level target species.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV and/or LCS.

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

**Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN**

Client Sample ID: 13-SS1-111612

Lab ID#: 1211515A-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.22	0.29	1.5	1.9

Client Sample ID: 1-SG1-111512

Lab ID#: 1211515A-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.22	2.3	1.5	16

Client Sample ID: 5-SG1-111512

Lab ID#: 1211515A-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.23	14	1.6	92

Client Sample ID: 11-SG1-111612

Lab ID#: 1211515A-04A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.23	1.8	0.59	4.7
cis-1,2-Dichloroethene	0.23	0.83	0.91	3.3
Trichloroethene	0.23	0.87	1.2	4.7

Client Sample ID: 13-SG1-111512

Lab ID#: 1211515A-05A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.25	3.8	1.7	26

Client Sample ID: 24-SG1-111512

Lab ID#: 1211515A-06A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
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**Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN**

Client Sample ID: 24-SG1-111512

Lab ID#: 1211515A-06A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.24	0.39	1.6	2.6

Client Sample ID: 27-SG1-111512

Lab ID#: 1211515A-07A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.22	0.87	1.5	5.9

Client Sample ID: 45-SG1-111512

Lab ID#: 1211515A-08A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	1.1	420	7.7	2800

Client Sample ID: 46-SG1-111512

Lab ID#: 1211515A-09A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.22	8.3	1.4	56



Client Sample ID: 13-SS1-111612

Lab ID#: 1211515A-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v120308	Date of Collection:	11/16/12 9:49:00 AM
Dil. Factor:	2.16	Date of Analysis:	12/3/12 02:36 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.22	Not Detected	0.55	Not Detected
Chloroethane	1.1	Not Detected	2.8	Not Detected
1,1-Dichloroethene	0.22	Not Detected	0.86	Not Detected
trans-1,2-Dichloroethene	0.22	Not Detected	0.86	Not Detected
1,1-Dichloroethane	0.22	Not Detected	0.87	Not Detected
cis-1,2-Dichloroethene	0.22	Not Detected	0.86	Not Detected
1,2-Dichloroethane	0.22	Not Detected	0.87	Not Detected
Trichloroethene	0.22	Not Detected	1.2	Not Detected
Tetrachloroethene	0.22	0.29	1.5	1.9

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	104	70-130



Air Toxics

Client Sample ID: 1-SG1-111512

Lab ID#: 1211515A-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v120309	Date of Collection:	11/15/12 8:35:00 AM
Dil. Factor:	2.18	Date of Analysis:	12/3/12 03:12 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.22	Not Detected	0.56	Not Detected
Chloroethane	1.1	Not Detected	2.9	Not Detected
1,1-Dichloroethene	0.22	Not Detected	0.86	Not Detected
trans-1,2-Dichloroethene	0.22	Not Detected	0.86	Not Detected
1,1-Dichloroethane	0.22	Not Detected	0.88	Not Detected
cis-1,2-Dichloroethene	0.22	Not Detected	0.86	Not Detected
1,2-Dichloroethane	0.22	Not Detected	0.88	Not Detected
Trichloroethene	0.22	Not Detected	1.2	Not Detected
Tetrachloroethene	0.22	2.3	1.5	16

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	99	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	112	70-130



Air Toxics

Client Sample ID: 5-SG1-111512

Lab ID#: 1211515A-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v120310	Date of Collection:	11/15/12 10:17:00 A
Dil. Factor:	2.30	Date of Analysis:	12/3/12 03:49 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.23	Not Detected	0.59	Not Detected
Chloroethane	1.2	Not Detected	3.0	Not Detected
1,1-Dichloroethene	0.23	Not Detected	0.91	Not Detected
trans-1,2-Dichloroethene	0.23	Not Detected	0.91	Not Detected
1,1-Dichloroethane	0.23	Not Detected	0.93	Not Detected
cis-1,2-Dichloroethene	0.23	Not Detected	0.91	Not Detected
1,2-Dichloroethane	0.23	Not Detected	0.93	Not Detected
Trichloroethene	0.23	Not Detected	1.2	Not Detected
Tetrachloroethene	0.23	14	1.6	92

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	102	70-130



Client Sample ID: 11-SG1-111612

Lab ID#: 1211515A-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v120311	Date of Collection:	11/16/12 7:26:00 AM
Dil. Factor:	2.30	Date of Analysis:	12/3/12 04:31 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.23	1.8	0.59	4.7
Chloroethane	1.2	Not Detected	3.0	Not Detected
1,1-Dichloroethene	0.23	Not Detected	0.91	Not Detected
trans-1,2-Dichloroethene	0.23	Not Detected	0.91	Not Detected
1,1-Dichloroethane	0.23	Not Detected	0.93	Not Detected
cis-1,2-Dichloroethene	0.23	0.83	0.91	3.3
1,2-Dichloroethane	0.23	Not Detected	0.93	Not Detected
Trichloroethene	0.23	0.87	1.2	4.7
Tetrachloroethene	0.23	Not Detected	1.6	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	101	70-130



Air Toxics

Client Sample ID: 13-SG1-111512

Lab ID#: 1211515A-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v120312	Date of Collection: 11/15/12 11:34:00 A
Dil. Factor:	2.50	Date of Analysis: 12/3/12 05:27 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.25	Not Detected	0.64	Not Detected
Chloroethane	1.2	Not Detected	3.3	Not Detected
1,1-Dichloroethene	0.25	Not Detected	0.99	Not Detected
trans-1,2-Dichloroethene	0.25	Not Detected	0.99	Not Detected
1,1-Dichloroethane	0.25	Not Detected	1.0	Not Detected
cis-1,2-Dichloroethene	0.25	Not Detected	0.99	Not Detected
1,2-Dichloroethane	0.25	Not Detected	1.0	Not Detected
Trichloroethene	0.25	Not Detected	1.3	Not Detected
Tetrachloroethene	0.25	3.8	1.7	26

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	96	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	100	70-130



Air Toxics

Client Sample ID: 24-SG1-111512

Lab ID#: 1211515A-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v120313	Date of Collection:	11/15/12 12:35:00 P
Dil. Factor:	2.44	Date of Analysis:	12/3/12 06:20 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.24	Not Detected	0.62	Not Detected
Chloroethane	1.2	Not Detected	3.2	Not Detected
1,1-Dichloroethene	0.24	Not Detected	0.97	Not Detected
trans-1,2-Dichloroethene	0.24	Not Detected	0.97	Not Detected
1,1-Dichloroethane	0.24	Not Detected	0.99	Not Detected
cis-1,2-Dichloroethene	0.24	Not Detected	0.97	Not Detected
1,2-Dichloroethane	0.24	Not Detected	0.99	Not Detected
Trichloroethene	0.24	Not Detected	1.3	Not Detected
Tetrachloroethene	0.24	0.39	1.6	2.6

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	104	70-130
4-Bromofluorobenzene	106	70-130



Client Sample ID: 27-SG1-111512

Lab ID#: 1211515A-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v120314	Date of Collection:	11/15/12 11:38:00 A
Dil. Factor:	2.18	Date of Analysis:	12/3/12 07:21 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.22	Not Detected	0.56	Not Detected
Chloroethane	1.1	Not Detected	2.9	Not Detected
1,1-Dichloroethene	0.22	Not Detected	0.86	Not Detected
trans-1,2-Dichloroethene	0.22	Not Detected	0.86	Not Detected
1,1-Dichloroethane	0.22	Not Detected	0.88	Not Detected
cis-1,2-Dichloroethene	0.22	Not Detected	0.86	Not Detected
1,2-Dichloroethane	0.22	Not Detected	0.88	Not Detected
Trichloroethene	0.22	Not Detected	1.2	Not Detected
Tetrachloroethene	0.22	0.87	1.5	5.9

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	108	70-130



Air Toxics

Client Sample ID: 45-SG1-111512

Lab ID#: 1211515A-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v120317	Date of Collection:	11/15/12 9:10:00 AM
Dil. Factor:	11.3	Date of Analysis:	12/3/12 10:46 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	1.1	Not Detected	2.9	Not Detected
Chloroethane	5.6	Not Detected	15	Not Detected
1,1-Dichloroethene	1.1	Not Detected	4.5	Not Detected
trans-1,2-Dichloroethene	1.1	Not Detected	4.5	Not Detected
1,1-Dichloroethane	1.1	Not Detected	4.6	Not Detected
cis-1,2-Dichloroethene	1.1	Not Detected	4.5	Not Detected
1,2-Dichloroethane	1.1	Not Detected	4.6	Not Detected
Trichloroethene	1.1	Not Detected	6.1	Not Detected
Tetrachloroethene	1.1	420	7.7	2800

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	105	70-130



Air Toxics

Client Sample ID: 46-SG1-111512

Lab ID#: 1211515A-09A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v120318	Date of Collection:	11/15/12 10:20:00 A
Dil. Factor:	2.15	Date of Analysis:	12/4/12 07:10 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.22	Not Detected	0.55	Not Detected
Chloroethane	1.1	Not Detected	2.8	Not Detected
1,1-Dichloroethene	0.22	Not Detected	0.85	Not Detected
trans-1,2-Dichloroethene	0.22	Not Detected	0.85	Not Detected
1,1-Dichloroethane	0.22	Not Detected	0.87	Not Detected
cis-1,2-Dichloroethene	0.22	Not Detected	0.85	Not Detected
1,2-Dichloroethane	0.22	Not Detected	0.87	Not Detected
Trichloroethene	0.22	Not Detected	1.2	Not Detected
Tetrachloroethene	0.22	8.3	1.4	56

Container Type: 1 Liter Summa Canister (100% Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	107	70-130



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1211515A-10A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v120306	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	12/3/12 01:04 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.10	Not Detected	0.26	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
1,1-Dichloroethene	0.10	Not Detected	0.40	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
1,1-Dichloroethane	0.10	Not Detected	0.40	Not Detected
cis-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected
1,2-Dichloroethane	0.10	Not Detected	0.40	Not Detected
Trichloroethene	0.10	Not Detected	0.54	Not Detected
Tetrachloroethene	0.10	Not Detected	0.68	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	102	70-130
4-Bromofluorobenzene	105	70-130



Air Toxics

Client Sample ID: CCV

Lab ID#: 1211515A-11A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v120302	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/3/12 09:45 AM

Compound	%Recovery
Vinyl Chloride	93
Chloroethane	96
1,1-Dichloroethene	100
trans-1,2-Dichloroethene	100
1,1-Dichloroethane	100
cis-1,2-Dichloroethene	98
1,2-Dichloroethane	110
Trichloroethene	96
Tetrachloroethene	103

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	114	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	107	70-130

Client Sample ID: LCS

Lab ID#: 1211515A-12A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v120303	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/3/12 10:49 AM

Compound	%Recovery
Vinyl Chloride	93
Chloroethane	92
1,1-Dichloroethene	103
trans-1,2-Dichloroethene	109
1,1-Dichloroethane	98
cis-1,2-Dichloroethene	95
1,2-Dichloroethane	117
Trichloroethene	93
Tetrachloroethene	102

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	104	70-130

Client Sample ID: LCSD

Lab ID#: 1211515A-12AA

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	v120304	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 12/3/12 11:25 AM

Compound	%Recovery
Vinyl Chloride	91
Chloroethane	89
1,1-Dichloroethene	101
trans-1,2-Dichloroethene	105
1,1-Dichloroethane	96
cis-1,2-Dichloroethene	93
1,2-Dichloroethane	106
Trichloroethene	93
Tetrachloroethene	102

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	108	70-130



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 457-4922

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FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager Bill Beadie / Meredith D'Andrea
 Collected by: (Print and Sign) Thomas Ashton
 Company Maul Foster & Alangi Email tashton@maulfoster.com
 Address 2001 NW 19th Ave. City Portland State OR Zip 97209
 Phone 503-944-9715 Fax _____
 Suite 200

Project Info: P.O. # _____ Project # <u>8026 31.01-05</u> Project Name <u>Park Laundry</u>	Turn Around Time: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush	Lab Use Only Pressurized by: Date: Pressurization Gas: N ₂ He
	specify _____	

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
01A	13-561-111612	9483	11/16/12	09:44	TD-15 SIM	-29	-2.5		
02A	1-561-111512	36476	11/15/12	08:35		-30	-4.3		
03A	5-561-111512	33727	11/15/12	10:17		-28	-4.5		
04A	11-561-111612	12040	11/16/12	07:26		-29	-4.5		
05A	13-561-111512	30818	11/15/12	11:34		-27	-4		
06A	24-561-111512	97101	11/15/12	12:35		-28	-4		
07A	27-561-111512	36414	11/15/12	11:38		-30	-4		
08A	45-561-111512	37750	11/15/12	09:10		-30	4.4		
09A	46-561-111512	37749	11/15/12	10:20		-30	-3.5		

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>11/20/12 13:00</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>11/26/12 1000</u>
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____

Notes:
 TD-15 SIM for select compounds.
 See attachment for list of compounds and reporting limits.

Lab Use Only	Shipper Name <u>UPS</u>	Air Bill # _____	Temp (°C) <u>N/A</u>	Condition <u>Good</u>	Custody Seals Intact? Yes No <u>None</u>	Work Order # <u>1211515</u>
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1211575

Mr. Guy Barrett
October 12, 2012
Page 5

Project No. 8006.31.01

SAMPLE ANALYSIS AND QUALITY ASSURANCE

Samples will be analyzed for PCE and associated breakdown products (TCE; 1,1-DCE; cis-1,2-DCE; trans-1,2-DCE; 1,1-DCA; Chloroethane; and vinyl chloride) by Modified U.S. Environmental Protection Agency (USEPA) Method TO-15 selected ion monitoring method to achieve low reporting limits. Eurofins/Air Toxics of Folsom, California, will provide a 6-liter or 1-liter, stainless steel canister (Summa canister) for each sample. Laboratory-specific method reporting limits (MRLs) for VOCs are listed in the following table. The MRLs assume a 6-liter sample size, with the canister dilution factor not incorporated. The dilution factor is determined by the canister size and residual vacuum. For example, a 1-liter sample with a vacuum of 5-inches of mercury would have a MRL approximately 2.4 times higher than the values provided in the following table. If there are high concentrations of nontarget analytes in the samples (e.g., methylene chloride, acetone, toluene), the laboratory may dilute the sample to avoid overloading and damaging its instruments. MFA will coordinate with the laboratory to obtain the lowest possible MRLs.

**Table
Analytes, Reporting Limits, and Screening Levels ($\mu\text{g}/\text{m}^3$)**

Analyte	CAS Number	Reporting Limit	Screening Level—Air	Screening Level—Soil Gas
PCE	127-18-4	0.14	9.6	96
TCE	79-01-6	0.016	0.37	3.7
1,1-DCE	75-35-4	0.04	91	910
cis-1,2-DCE	156-59-2	0.08	16	160
trans-1,2-DCE	156-60-5	0.40	32	320
1,1-DCA	75-34-3	0.08	320	3200
Chloroethane	75-00-3	0.13	3	30
Vinyl chloride	75-01-4	0.03	0.28	2.8
Helium	7440-59-7	81799	NE	NE

NOTES:
Screening levels are based on Table B-1 of Ecology Guidance for Evaluating Soil Vapor Intrusion in Washington State: Investigation and Remedial Action. Values for PCE and TCE are based on CLARC guidance dated September, 2012.
CAS = Chemical Abstract Service
NE = Not Established
 $\mu\text{g}/\text{m}^3$ = micrograms per cubic meter.

MFA will receive the data electronically from the laboratory and the data will be transferred to a GISKey® database. The data will be validated consistent with Ecology and USEPA protocols. To document data reliability, a memorandum will be prepared summarizing

12/5/2012

Mr. Thomas Ashton
Maul Foster and Alongi Inc.
2001 NW 19th Ave
Suite 200
Portland OR 97209

Project Name: Park Laundry
Project #: 8006.31.01-05
Workorder #: 1211515B

Dear Mr. Thomas Ashton

The following report includes the data for the above referenced project for sample(s) received on 11/26/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified ASTM D-1946 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kelly Buettner
Project Manager

WORK ORDER #: 1211515B

Work Order Summary

CLIENT:	Mr. Thomas Ashton Maul Foster and Alongi Inc. 2001 NW 19th Ave Suite 200 Portland, OR 97209	BILL TO:	Accounts Payable Maul Foster and Alongi Inc. 400 E. Mill Plain Blvd Suite 400 Vancouver, WA 98660
PHONE:	971-544-2139	P.O. #	
FAX:	971-544-2140	PROJECT #	8006.31.01-05 Park Laundry
DATE RECEIVED:	11/26/2012	CONTACT:	Kelly Buettner
DATE COMPLETED:	12/05/2012		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	13-SS1-111612	Modified ASTM D-1946	2.0 "Hg	15 psi
02A	1-SG1-111512	Modified ASTM D-1946	2.2 "Hg	15 psi
03A	5-SG1-111512	Modified ASTM D-1946	3.6 "Hg	15 psi
04A	11-SG1-111612	Modified ASTM D-1946	3.6 "Hg	15 psi
05A	13-SG1-111512	Modified ASTM D-1946	5.8 "Hg	15 psi
06A	24-SG1-111512	Modified ASTM D-1946	5.2 "Hg	15 psi
07A	27-SG1-111512	Modified ASTM D-1946	2.2 "Hg	15 psi
08A	45-SG1-111512	Modified ASTM D-1946	3.2 "Hg	15 psi
09A	46-SG1-111512	Modified ASTM D-1946	1.8 "Hg	15 psi
09AA	46-SG1-111512 Lab Duplicate	Modified ASTM D-1946	1.8 "Hg	15 psi
10A	Lab Blank	Modified ASTM D-1946	NA	NA
11A	LCS	Modified ASTM D-1946	NA	NA
11AA	LCSD	Modified ASTM D-1946	NA	NA

CERTIFIED BY: 
 Technical Director

DATE: 12/05/12

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
 TX NELAP - T104704434-12-5, UT NELAP CA009332012-3, WA NELAP - C935

Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
 Accreditation number: CA300005, Effective date: 10/18/2011, Expiration date: 10/17/2012.

Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, Inc.

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LABORATORY NARRATIVE
Modified ASTM D-1946
Maul Foster and Alongi Inc.
Workorder# 1211515B

Nine 1 Liter Summa Canister (100% Certified) samples were received on November 26, 2012. The laboratory performed analysis via Modified ASTM Method D-1946 for Helium in air using GC/TCD. The method involves direct injection of 1.0 mL of sample.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>ASTM D-1946</i>	<i>ATL Modifications</i>
Calibration	A single point calibration is performed using a reference standard closely matching the composition of the unknown.	A 3-point calibration curve is performed. Quantitation is based on a daily calibration standard which may or may not resemble the composition of the associated samples.
Reference Standard	The composition of any reference standard must be known to within 0.01 mol % for any component.	The standards used by ATL are blended to a $\geq 95\%$ accuracy.
Sample Injection Volume	Components whose concentrations are in excess of 5 % should not be analyzed by using sample volumes greater than 0.5 mL.	The sample container is connected directly to a fixed volume sample loop of 1.0 mL on the GC. Linear range is defined by the calibration curve. Bags are loaded by vacuum.
Normalization	Normalize the mole percent values by multiplying each value by 100 and dividing by the sum of the original values. The sum of the original values should not differ from 100% by more than 1.0%.	Results are not normalized. The sum of the reported values can differ from 100% by as much as 15%, either due to analytical variability or an unusual sample matrix.
Precision	Precision requirements established at each concentration level.	Duplicates should agree within 25% RPD for detections $> 5 X$'s the RL.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Seven qualifiers may have been used on the data analysis sheets and indicate as follows:

B - Compound present in laboratory blank greater than reporting limit.

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the detection limit.

M - Reported value may be biased due to apparent matrix interferences.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: 13-SS1-111612

Lab ID#: 1211515B-01A

No Detections Were Found.

Client Sample ID: 1-SG1-111512

Lab ID#: 1211515B-02A

No Detections Were Found.

Client Sample ID: 5-SG1-111512

Lab ID#: 1211515B-03A

No Detections Were Found.

Client Sample ID: 11-SG1-111612

Lab ID#: 1211515B-04A

No Detections Were Found.

Client Sample ID: 13-SG1-111512

Lab ID#: 1211515B-05A

No Detections Were Found.

Client Sample ID: 24-SG1-111512

Lab ID#: 1211515B-06A

No Detections Were Found.

Client Sample ID: 27-SG1-111512

Lab ID#: 1211515B-07A

No Detections Were Found.

Client Sample ID: 45-SG1-111512

Lab ID#: 1211515B-08A

No Detections Were Found.

Client Sample ID: 46-SG1-111512

Lab ID#: 1211515B-09A

Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

Client Sample ID: 46-SG1-111512

Lab ID#: 1211515B-09A

No Detections Were Found.

Client Sample ID: 46-SG1-111512 Lab Duplicate

Lab ID#: 1211515B-09AA

No Detections Were Found.



Air Toxics

Client Sample ID: 13-SS1-111612

Lab ID#: 1211515B-01A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	9113016	Date of Collection:	11/16/12 9:49:00 AM
Dil. Factor:	2.16	Date of Analysis:	11/30/12 10:54 AM

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.11	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)



Air Toxics

Client Sample ID: 1-SG1-111512

Lab ID#: 1211515B-02A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	9113017	Date of Collection:	11/15/12 8:35:00 AM
Dil. Factor:	2.18	Date of Analysis:	11/30/12 11:10 AM

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.11	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)



Air Toxics

Client Sample ID: 5-SG1-111512

Lab ID#: 1211515B-03A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	9113018	Date of Collection:	11/15/12 10:17:00 A
Dil. Factor:	2.30	Date of Analysis:	11/30/12 11:17 AM

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.12	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)



Air Toxics

Client Sample ID: 11-SG1-111612

Lab ID#: 1211515B-04A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	9113019	Date of Collection:	11/16/12 7:26:00 AM
Dil. Factor:	2.30	Date of Analysis:	11/30/12 11:29 AM

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.12	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)



Air Toxics

Client Sample ID: 13-SG1-111512

Lab ID#: 1211515B-05A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	9113020	Date of Collection:	11/15/12 11:34:00 A
Dil. Factor:	2.50	Date of Analysis:	11/30/12 11:46 AM

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.12	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)



Air Toxics

Client Sample ID: 24-SG1-111512

Lab ID#: 1211515B-06A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	9113021	Date of Collection:	11/15/12 12:35:00 P
Dil. Factor:	2.44	Date of Analysis:	11/30/12 11:54 AM

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.12	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)



Air Toxics

Client Sample ID: 27-SG1-111512

Lab ID#: 1211515B-07A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	9113022	Date of Collection:	11/15/12 11:38:00 A
Dil. Factor:	2.18	Date of Analysis:	11/30/12 12:02 PM

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.11	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)



Air Toxics

Client Sample ID: 45-SG1-111512

Lab ID#: 1211515B-08A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	9113023	Date of Collection:	11/15/12 9:10:00 AM
Dil. Factor:	2.26	Date of Analysis:	11/30/12 12:09 PM

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.11	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)



Air Toxics

Client Sample ID: 46-SG1-111512

Lab ID#: 1211515B-09A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	9113024	Date of Collection:	11/15/12 10:20:00 A
Dil. Factor:	2.15	Date of Analysis:	11/30/12 12:18 PM

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.11	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)



Air Toxics

Client Sample ID: 46-SG1-111512 Lab Duplicate

Lab ID#: 1211515B-09AA

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	9113025	Date of Collection:	11/15/12 10:20:00 A
Dil. Factor:	2.15	Date of Analysis:	11/30/12 12:25 PM

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.11	Not Detected

Container Type: 1 Liter Summa Canister (100% Certified)



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1211515B-10A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	9113004	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	11/30/12 08:53 AM

Compound	Rpt. Limit (%)	Amount (%)
Helium	0.050	Not Detected

Container Type: NA - Not Applicable



Air Toxics

Client Sample ID: LCS

Lab ID#: 1211515B-11A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	9113003	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 11/30/12 08:41 AM

Compound	%Recovery
Helium	103

Container Type: NA - Not Applicable



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1211515B-11AA

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1946

File Name:	9113026	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 11/30/12 12:34 PM

Compound	%Recovery
Helium	107

Container Type: NA - Not Applicable



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

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FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Page 5 of 5

Project Manager Bill Beadie / Meredith D'Andrea
 Collected by: (Print and Sign) Thomas Ashton
 Company Maul Foster & Alangi Email tashton@maul-foster.com
 Address 2001 NW 19th Ave. City Portland State OR Zip 97209
 Phone 503-944-9715 Suite 200 Fax _____

Project Info: P.O. # _____ Project # <u>8026 31.01-05</u> Project Name <u>Park Laundry</u>	Turn Around Time: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush	Lab Use Only Pressurized by: _____ Date: _____ Pressurization Gas: _____ N ₂ He
	specify _____	

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
01A	13-561-111612	9483	11/16/12	09:44	TD-15 SIM	-29	-2.5		
02A	1-561-111512	36476	11/15/12	08:35		-30	-4.3		
03A	5-561-111512	33727	11/15/12	10:17		-28	-4.5		
04A	11-561-111612	12040	11/16/12	07:26		-29	-4.5		
05A	13-561-111512	30818	11/15/12	11:34		-27	-4		
06A	24-561-111512	97101	11/15/12	12:35		-28	-4		
07A	27-561-111512	36414	11/15/12	11:38		-30	-4		
08A	45-561-111512	37750	11/15/12	09:10		-30	-4.4		
09A	46-561-111512	37749	11/15/12	10:20		-30	-3.5		

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>11/20/12 13:00</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>11/26/12 1000</u>
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____

Notes:
 TD-15 SIM for select compounds.
 See attachment for list of compounds and reporting limits.

Lab Use Only	Shipper Name <u>UPS</u>	Air Bill # _____	Temp (°C) <u>N/A</u>	Condition <u>Good</u>	Custody Seals Intact? Yes No <u>None</u>	Work Order # <u>1211515</u>
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1211575

Mr. Guy Barrett
October 12, 2012
Page 5

Project No. 8006.31.01

SAMPLE ANALYSIS AND QUALITY ASSURANCE

Samples will be analyzed for PCE and associated breakdown products (TCE; 1,1-DCE; cis-1,2-DCE; trans-1,2-DCE; 1,1-DCA; Chloroethane; and vinyl chloride) by Modified U.S. Environmental Protection Agency (USEPA) Method TO-15 selected ion monitoring method to achieve low reporting limits. Eurofins/Air Toxics of Folsom, California, will provide a 6-liter or 1-liter, stainless steel canister (Summa canister) for each sample. Laboratory-specific method reporting limits (MRLs) for VOCs are listed in the following table. The MRLs assume a 6-liter sample size, with the canister dilution factor not incorporated. The dilution factor is determined by the canister size and residual vacuum. For example, a 1-liter sample with a vacuum of 5-inches of mercury would have a MRL approximately 2.4 times higher than the values provided in the following table. If there are high concentrations of nontarget analytes in the samples (e.g., methylene chloride, acetone, toluene), the laboratory may dilute the sample to avoid overloading and damaging its instruments. MFA will coordinate with the laboratory to obtain the lowest possible MRLs.

**Table
Analytes, Reporting Limits, and Screening Levels ($\mu\text{g}/\text{m}^3$)**

Analyte	CAS Number	Reporting Limit	Screening Level—Air	Screening Level—Soil Gas
PCE	127-18-4	0.14	9.6	96
TCE	79-01-6	0.016	0.37	3.7
1,1-DCE	75-35-4	0.04	91	910
cis-1,2-DCE	156-59-2	0.08	16	160
trans-1,2-DCE	156-60-5	0.40	32	320
1,1-DCA	75-34-3	0.08	320	3200
Chloroethane	75-00-3	0.13	3	30
Vinyl chloride	75-01-4	0.03	0.28	2.8
Helium	7440-59-7	81799	NE	NE

NOTES:
Screening levels are based on Table B-1 of Ecology Guidance for Evaluating Soil Vapor Intrusion in Washington State: Investigation and Remedial Action. Values for PCE and TCE are based on CLARC guidance dated September, 2012.
CAS = Chemical Abstract Service
NE = Not Established
 $\mu\text{g}/\text{m}^3$ = micrograms per cubic meter.

MFA will receive the data electronically from the laboratory and the data will be transferred to a GISKey® database. The data will be validated consistent with Ecology and USEPA protocols. To document data reliability, a memorandum will be prepared summarizing

1/14/2013

Mr. Thomas Ashton
Maul Foster and Alongi Inc.
2001 NW 19th Ave
Suite 200
Portland OR 97209

Project Name: Park Laundry
Project #: 8006.31.01-05
Workorder #: 1211515CR1

Dear Mr. Thomas Ashton

The following report includes the data for the above referenced project for sample(s) received on 11/26/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kelly Buettner
Project Manager

WORK ORDER #: 1211515CR1

Work Order Summary

CLIENT:	Mr. Thomas Ashton Maul Foster and Alongi Inc. 2001 NW 19th Ave Suite 200 Portland, OR 97209	BILL TO:	Accounts Payable Maul Foster and Alongi Inc. 400 E. Mill Plain Blvd Suite 400 Vancouver, WA 98660
PHONE:	971-544-2139	P.O. #	
FAX:	971-544-2140	PROJECT #	8006.31.01-05 Park Laundry
DATE RECEIVED:	11/26/2012	CONTACT:	Kelly Buettner
DATE COMPLETED:	12/13/2012		
DATE REISSUED:	01/14/2013		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	13-SS1-111612	Modified TO-15	2.0 "Hg	15 psi
02A	1-SG1-111512	Modified TO-15	2.2 "Hg	15 psi
03A	5-SG1-111512	Modified TO-15	3.6 "Hg	15 psi
04A	11-SG1-111612	Modified TO-15	3.6 "Hg	15 psi
05A	13-SG1-111512	Modified TO-15	5.8 "Hg	15 psi
06A	24-SG1-111512	Modified TO-15	5.2 "Hg	15 psi
07A	27-SG1-111512	Modified TO-15	2.2 "Hg	15 psi
08A	45-SG1-111512	Modified TO-15	3.2 "Hg	15 psi
09A	46-SG1-111512	Modified TO-15	1.8 "Hg	15 psi
10A	Lab Blank	Modified TO-15	NA	NA
11A	CCV	Modified TO-15	NA	NA
12A	LCS	Modified TO-15	NA	NA
12AA	LCSD	Modified TO-15	NA	NA

CERTIFIED BY: 
 Technical Director

DATE: 01/14/13

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
 TX NELAP - T104704434-12-4, UT NELAP CA009332012-3, WA NELAP - C935

Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
 Accreditation number: CA300005, Effective date: 10/18/2012, Expiration date: 10/17/2013.

Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

This report shall not be reproduced, except in full, without the written approval of Eurofins Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
 (916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020



LABORATORY NARRATIVE
Modified TO-15
Maul Foster and Alongi Inc.
Workorder# 1211515CR1

Nine 1 Liter Summa Canister (100% Certified) samples were received on November 26, 2012. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
Initial Calibration	$\leq 30\%$ RSD with 2 compounds allowed out to <math>< 40\%</math> RSD	$\leq 30\%$ RSD with 4 compounds allowed out to <math>< 40\%</math> RSD
Blank and standards	Zero Air	UHP Nitrogen provides a higher purity gas matrix than zero air

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

Dilution was performed on sample 45-SG1-111512 due to the presence of high level target species.

This workorder was created to evaluate Trichloroethene (TCE) and 1,2-Dichloroethane (1,2-DCA) in all samples down to the Method Detection Limit to allow for comparison of results to the required screening levels. Please note that this workorder fraction contains only a subset of the requested analytes. The full list evaluated to the Reporting Limit (RL), including TCE and 1,2-DCA, were reported in workorder 1211515A on 12-13-12.

All canisters used for this project have been certified to the RL for the target analytes. Concentrations that are below the level at which the canister was certified may be false positives.

THE WORK ORDER WAS REISSUED ON 1/14/13 TO APPLY THE REPORTING LIMITS AND ASSOCIATED RESULTS GENERATED FROM THE FULL SCAN TO-15 DATA FILE CONSISTENT WITH WORKORDER 1211515A, RATHER THAN THE LOWER SIM REPORTING LIMITS AND RESULTS GENERATED FROM THE TO-15 SIM DATA FILE. CHANGING THE REPORTING LIMITS FROM SIM TO FULL SCAN CAUSED SOME PREVIOUSLY REPORTED COMPOUNDS TO BE BELOW THE REPORTING LIMIT AND WERE THEREFORE REPORTED AS "NOT DETECTED".

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Park Laundry

Client ID:	13-SS1-111612	Date/Time Analyzed:	12/3/12 02:36 PM
Lab ID:	1211515CR1-01A	Dilution Factor:	2.16
Date/Time Collecte	11/16/12 09:49 AM	Instrument/Filename:	msdv.i / v120308cr1
Media:	1 Liter Summa Canister (100% Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.071	0.44	0.87	Not Detected
Trichloroethene	79-01-6	0.18	0.58	1.2	Not Detected

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	100
4-Bromofluorobenzene	460-00-4	70-130	104
Toluene-d8	2037-26-5	70-130	102



MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Park Laundry

Client ID:	1-SG1-111512	Date/Time Analyzed:	12/3/12 03:12 PM
Lab ID:	1211515CR1-02A	Dilution Factor:	2.18
Date/Time Collecte	11/15/12 08:35 AM	Instrument/Filename:	msdv.i / v120309cr1
Media:	1 Liter Summa Canister (100% Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.072	0.44	0.88	0.34 J
Trichloroethene	79-01-6	0.18	0.58	1.2	0.95 J

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	99
4-Bromofluorobenzene	460-00-4	70-130	112
Toluene-d8	2037-26-5	70-130	102

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Park Laundry

Client ID:	5-SG1-111512	Date/Time Analyzed:	12/3/12 03:49 PM
Lab ID:	1211515CR1-03A	Dilution Factor:	2.30
Date/Time Collecte	11/15/12 10:17 AM	Instrument/Filename:	msdv.i / v120310cr1
Media:	1 Liter Summa Canister (100% Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.076	0.46	0.93	0.16 J
Trichloroethene	79-01-6	0.19	0.62	1.2	0.48 J

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	102
4-Bromofluorobenzene	460-00-4	70-130	102
Toluene-d8	2037-26-5	70-130	99



MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Park Laundry

Client ID:	11-SG1-111612	Date/Time Analyzed:	12/3/12 04:31 PM
Lab ID:	1211515CR1-04A	Dilution Factor:	2.30
Date/Time Collecte	11/16/12 07:26 AM	Instrument/Filename:	msdv.i / v120311cr1
Media:	1 Liter Summa Canister (100% Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.076	0.46	0.93	Not Detected
Trichloroethene	79-01-6	0.19	0.62	1.2	4.7

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	97
4-Bromofluorobenzene	460-00-4	70-130	101
Toluene-d8	2037-26-5	70-130	102

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Park Laundry

Client ID:	13-SG1-111512	Date/Time Analyzed:	12/3/12 05:27 PM
Lab ID:	1211515CR1-05A	Dilution Factor:	2.50
Date/Time Collecte	11/15/12 11:34 AM	Instrument/Filename:	msdv.i / v120312cr1
Media:	1 Liter Summa Canister (100% Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.082	0.50	1.0	Not Detected
Trichloroethene	79-01-6	0.21	0.67	1.3	0.40 J

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	96
4-Bromofluorobenzene	460-00-4	70-130	100
Toluene-d8	2037-26-5	70-130	101



MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Park Laundry

Client ID:	24-SG1-111512	Date/Time Analyzed:	12/3/12 06:20 PM
Lab ID:	1211515CR1-06A	Dilution Factor:	2.44
Date/Time Collecte	11/15/12 12:35 PM	Instrument/Filename:	msdv.i / v120313cr1
Media:	1 Liter Summa Canister (100% Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.080	0.49	0.99	Not Detected
Trichloroethene	79-01-6	0.20	0.66	1.3	0.35 J

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	98
4-Bromofluorobenzene	460-00-4	70-130	106
Toluene-d8	2037-26-5	70-130	104

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Park Laundry

Client ID:	27-SG1-111512	Date/Time Analyzed:	12/3/12 07:21 PM
Lab ID:	1211515CR1-07A	Dilution Factor:	2.18
Date/Time Collecte	11/15/12 11:38 AM	Instrument/Filename:	msdv.i / v120314cr1
Media:	1 Liter Summa Canister (100% Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.072	0.44	0.88	0.21 J
Trichloroethene	79-01-6	0.18	0.58	1.2	0.50 J

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	102
4-Bromofluorobenzene	460-00-4	70-130	108
Toluene-d8	2037-26-5	70-130	97



MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Park Laundry

Client ID:	45-SG1-111512	Date/Time Analyzed:	12/3/12 10:46 PM
Lab ID:	1211515CR1-08A	Dilution Factor:	11.3
Date/Time Collecte	11/15/12 09:10 AM	Instrument/Filename:	msdv.i / v120317cr1
Media:	1 Liter Summa Canister (100% Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.37	2.3	4.6	Not Detected
Trichloroethene	79-01-6	0.93	3.0	6.1	1.6 J

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	104
4-Bromofluorobenzene	460-00-4	70-130	105
Toluene-d8	2037-26-5	70-130	99



MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Park Laundry

Client ID:	46-SG1-111512	Date/Time Analyzed:	12/4/12 07:10 AM
Lab ID:	1211515CR1-09A	Dilution Factor:	2.15
Date/Time Collecte	11/15/12 10:20 AM	Instrument/Filename:	msdv.i / v120318cr1
Media:	1 Liter Summa Canister (100% Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.071	0.44	0.87	Not Detected
Trichloroethene	79-01-6	0.18	0.58	1.2	0.25 J

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	103
4-Bromofluorobenzene	460-00-4	70-130	107
Toluene-d8	2037-26-5	70-130	100

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Park Laundry

Client ID:	Lab Blank	Date/Time Analyzed:	12/3/12 01:04 PM
Lab ID:	1211515CR1-10A	Dilution Factor:	1.00
Date/Time Collecte	NA - Not Applicable	Instrument/Filename:	msdv.i / v120306cr1
Media:	NA - Not Applicable		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,2-Dichloroethane	107-06-2	0.033	0.20	0.40	Not Detected
Trichloroethene	79-01-6	0.082	0.27	0.54	Not Detected

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	101
4-Bromofluorobenzene	460-00-4	70-130	105
Toluene-d8	2037-26-5	70-130	102

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Park Laundry

Client ID:	CCV	Date/Time Analyzed:	12/3/12 09:45 AM
Lab ID:	1211515CR1-11A	Dilution Factor:	1.00
Date/Time Collecte	NA - Not Applicable	Instrument/Filename:	msdv.i / v120302
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
1,2-Dichloroethane	107-06-2	110
Trichloroethene	79-01-6	96

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	114
4-Bromofluorobenzene	460-00-4	70-130	107
Toluene-d8	2037-26-5	70-130	100

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN
Park Laundry

Client ID:	LCS	Date/Time Analyzed:	12/3/12 10:49 AM
Lab ID:	1211515CR1-12A	Dilution Factor:	1.00
Date/Time Collecte	NA - Not Applicable	Instrument/Filename:	msdv.i / v120303
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
1,2-Dichloroethane	107-06-2	117
Trichloroethene	79-01-6	93

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	102
4-Bromofluorobenzene	460-00-4	70-130	104
Toluene-d8	2037-26-5	70-130	100

* % Recovery is calculated using unrounded analytical results.

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN
Park Laundry

Client ID:	LCSD	Date/Time Analyzed:	12/3/12 11:25 AM
Lab ID:	1211515CR1-12AA	Dilution Factor:	1.00
Date/Time Collecte	NA - Not Applicable	Instrument/Filename:	msdv.i / v120304
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
1,2-Dichloroethane	107-06-2	106
Trichloroethene	79-01-6	93

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	104
4-Bromofluorobenzene	460-00-4	70-130	108
Toluene-d8	2037-26-5	70-130	96

* % Recovery is calculated using unrounded analytical results.



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 457-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager Bill Beadie / Meredith D'Andrea
 Collected by: (Print and Sign) Thomas Ashton
 Company Maul Foster & Alangi Email tashton@maul-foster.com
 Address 2001 NW 19th Ave. City Portland State OR Zip 97209
 Phone 503-944-9715 Fax _____
 Suite 200

Project Info:	Turn Around Time:	Lab Use Only
	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush	Pressurized by: Date: Pressurization Gas: N ₂ He
P.O. # _____	Project # <u>8026 31.01-05</u>	Project Name <u>Park Laundry</u> <small>specify</small>

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
01A	13-561-111612	9483	11/16/12	09:44	TD-15 SIM	-29	-2.5		
02A	1-561-111512	36476	11/15/12	08:35		-30	-4.3		
03A	5-561-111512	33727	11/15/12	10:17		-28	-4.5		
04A	11-561-111612	12040	11/16/12	07:26		-29	-4.5		
05A	13-561-111512	30818	11/15/12	11:34		-27	-4		
06A	24-561-111512	97101	11/15/12	12:35		-28	-4		
07A	27-561-111512	36414	11/15/12	11:38		-30	-4		
08A	45-561-111512	37750	11/15/12	09:10		-30	-4.4		
09A	46-561-111512	37749	11/15/12	10:20		-30	-3.5		

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>11/20/12 13:00</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>11/26/12 1000</u>
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____

Notes:
 TD-15 SIM for select compounds.
 See attachment for list of compounds and reporting limits.

Lab Use Only	Shipper Name <u>UPS</u>	Air Bill # _____	Temp (°C) <u>N/A</u>	Condition <u>Good</u>	Custody Seals Intact? Yes No <u>None</u>	Work Order # <u>1211515</u>
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1211575

Mr. Guy Barrett
October 12, 2012
Page 5

Project No. 8006.31.01

SAMPLE ANALYSIS AND QUALITY ASSURANCE

Samples will be analyzed for PCE and associated breakdown products (TCE; 1,1-DCE; cis-1,2-DCE; trans-1,2-DCE; 1,1-DCA; Chloroethane; and vinyl chloride) by Modified U.S. Environmental Protection Agency (USEPA) Method TO-15 selected ion monitoring method to achieve low reporting limits. Eurofins/Air Toxics of Folsom, California, will provide a 6-liter or 1-liter, stainless steel canister (Summa canister) for each sample. Laboratory-specific method reporting limits (MRLs) for VOCs are listed in the following table. The MRLs assume a 6-liter sample size, with the canister dilution factor not incorporated. The dilution factor is determined by the canister size and residual vacuum. For example, a 1-liter sample with a vacuum of 5-inches of mercury would have a MRL approximately 2.4 times higher than the values provided in the following table. If there are high concentrations of nontarget analytes in the samples (e.g., methylene chloride, acetone, toluene), the laboratory may dilute the sample to avoid overloading and damaging its instruments. MFA will coordinate with the laboratory to obtain the lowest possible MRLs.

**Table
Analytes, Reporting Limits, and Screening Levels ($\mu\text{g}/\text{m}^3$)**

Analyte	CAS Number	Reporting Limit	Screening Level—Air	Screening Level—Soil Gas
PCE	127-18-4	0.14	9.6	96
TCE	79-01-6	0.016	0.37	3.7
1,1-DCE	75-35-4	0.04	91	910
cis-1,2-DCE	156-59-2	0.08	16	160
trans-1,2-DCE	156-60-5	0.40	32	320
1,1-DCA	75-34-3	0.08	320	3200
Chloroethane	75-00-3	0.13	3	30
Vinyl chloride	75-01-4	0.03	0.28	2.8
Helium	7440-59-7	81799	NE	NE

NOTES:
Screening levels are based on Table B-1 of Ecology Guidance for Evaluating Soil Vapor Intrusion in Washington State: Investigation and Remedial Action. Values for PCE and TCE are based on CLARC guidance dated September, 2012.
CAS = Chemical Abstract Service
NE = Not Established
 $\mu\text{g}/\text{m}^3$ = micrograms per cubic meter.

MFA will receive the data electronically from the laboratory and the data will be transferred to a GISKey® database. The data will be validated consistent with Ecology and USEPA protocols. To document data reliability, a memorandum will be prepared summarizing

8/20/2013

Mr. Thomas Ashton
Maul Foster and Alongi Inc.
2001 NW 19th Ave
Suite 200
Portland OR 97209

Project Name: Park Laundry
Project #: 8006.31.01
Workorder #: 1308171

Dear Mr. Thomas Ashton

The following report includes the data for the above referenced project for sample(s) received on 8/6/2013 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kelly Buettner
Project Manager

WORK ORDER #: 1308171

Work Order Summary

CLIENT: Mr. Thomas Ashton
Maul Foster and Alongi Inc.
2001 NW 19th Ave
Suite 200
Portland, OR 97209

BILL TO: Accounts Payable
Maul Foster and Alongi Inc.
400 E. Mill Plain Blvd
Suite 400
Vancouver, WA 98660

PHONE: 971-544-2139

P.O. #

FAX: 971-544-2140

PROJECT # 8006.31.01 Park Laundry

DATE RECEIVED: 08/06/2013

CONTACT: Kelly Buettner

DATE COMPLETED: 08/20/2013

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	28-SG1-073013	Modified TO-15	5.3 "Hg	14.7 psi
02A	13-SG1-073013	Modified TO-15	6.7 "Hg	15 psi
03A	44-SG1-073113	Modified TO-15	4.3 "Hg	15 psi
04A	45-SG1-073113	Modified TO-15	4.5 "Hg	14.8 psi
05A	46-SG1-073013	Modified TO-15	5.3 "Hg	15.1 psi
06A	27-SG1-072913	Modified TO-15	5.9 "Hg	15 psi
07A	5-SG1-073013	Modified TO-15	4.1 "Hg	14.9 psi
08A	11-SG1-073113	Modified TO-15	5.7 "Hg	14.7 psi
09A	24-SG1-073013	Modified TO-15	7.1 "Hg	14.8 psi
10A	5-SS1-073013	Modified TO-15	3.3 "Hg	14.7 psi
11A	5-SS2-073013	Modified TO-15	3.5 "Hg	15.2 psi
12A	1-SS3-072913	Modified TO-15	4.1 "Hg	14.7 psi
13A	1-SS2-072913	Modified TO-15	3.9 "Hg	15.1 psi
14A	1-SS1-072913	Modified TO-15	4.3 "Hg	14.7 psi
15A	7-SS3-072913	Modified TO-15	5.3 "Hg	15 psi
16A	7-SS2-072913	Modified TO-15	4.3 "Hg	14.9 psi
17A	7-SS1-072913	Modified TO-15	4.5 "Hg	14.8 psi
18A	13-SS1-073013	Modified TO-15	6.7 "Hg	14.6 psi
19A	11-SS4-073113	Modified TO-15	3.9 "Hg	14.8 psi
20A	11-SS3-073113	Modified TO-15	3.7 "Hg	14.8 psi
21A	11-SS2-073113	Modified TO-15	5.5 "Hg	14.8 psi
22A	11-SS1-073113	Modified TO-15	4.5 "Hg	14.7 psi
23A	Lab Blank	Modified TO-15	NA	NA

Continued on next page

WORK ORDER #: 1308171

Work Order Summary

CLIENT:	Mr. Thomas Ashton Maul Foster and Alongi Inc. 2001 NW 19th Ave Suite 200 Portland, OR 97209	BILL TO:	Accounts Payable Maul Foster and Alongi Inc. 400 E. Mill Plain Blvd Suite 400 Vancouver, WA 98660
PHONE:	971-544-2139	P.O. #	
FAX:	971-544-2140	PROJECT #	8006.31.01 Park Laundry
DATE RECEIVED:	08/06/2013	CONTACT:	Kelly Buettner
DATE COMPLETED:	08/20/2013		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
23B	Lab Blank	Modified TO-15	NA	NA
23C	Lab Blank	Modified TO-15	NA	NA
24A	CCV	Modified TO-15	NA	NA
24B	CCV	Modified TO-15	NA	NA
24C	CCV	Modified TO-15	NA	NA
25A	LCS	Modified TO-15	NA	NA
25AA	LCSD	Modified TO-15	NA	NA
25B	LCS	Modified TO-15	NA	NA
25BB	LCSD	Modified TO-15	NA	NA
25C	LCS	Modified TO-15	NA	NA
25CC	LCSD	Modified TO-15	NA	NA

CERTIFIED BY: 
 Technical Director

DATE: 08/20/13

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NJ NELAP - CA016, NY NELAP - 11291,
 TX NELAP - T104704434-12-5, UT NELAP CA009332012-3, VA NELAP - 460197, WA NELAP - C935
 Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
 Accreditation number: CA300005, Effective date: 10/18/2012, Expiration date: 10/17/2013.

Eurofins Air Toxics Inc.. certifies that the test results contained in this report meet all requirements of the NELAC standards

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 180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9562
 (916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020



LABORATORY NARRATIVE
EPA Method TO-15
Maul Foster and Alongi Inc.
Workorder# 1308171

twenty-two 1 Liter Summa Canister (100% Certified) samples were received on August 06, 2013. The laboratory performed analysis via EPA Method TO-15 using GC/MS in the full scan mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

All Quality Control Limit exceedances and affected sample results are noted by flags. Each flag is defined at the bottom of this Case Narrative and on each Sample Result Summary page.

As per client project requirements, the laboratory has reported estimated values for Vinyl Chloride, 1,2-Dichloroethane, Trichloroethene hits that are below the Reporting Limit but greater than the Method Detection Limit. Concentrations that are below the level at which the canister was certified may be false positives.

Dilution was performed on samples 28-SG1-073013 and 44-SG1-073113 due to the presence of high level target species.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

EPA METHOD TO-15 GC/MS FULL SCAN
Park Laundry

Client ID:	28-SG1-073013	Date/Time Analyzed:	8/18/13 10:31 PM
Lab ID:	1308171-01A	Dilution Factor:	16.2
Date/Time Collected:	7/30/13 03:17 PM	Instrument/Filename:	msdj.i / j081827
Media:	1 Liter Summa Canister (100% Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	6.5	13	33	Not Detected
1,1-Dichloroethene	75-35-4	9.7	13	32	Not Detected
1,2-Dichloroethane	107-06-2	6.2	13	33	Not Detected
Chloroethane	75-00-3	29	34	85	Not Detected
cis-1,2-Dichloroethene	156-59-2	5.8	13	32	Not Detected
Tetrachloroethene	127-18-4	18	22	55	16000
trans-1,2-Dichloroethene	156-60-5	11	13	32	Not Detected
Trichloroethene	79-01-6	11	17	44	Not Detected
Vinyl Chloride	75-01-4	5.3	8.3	21	Not Detected

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	97
4-Bromofluorobenzene	460-00-4	70-130	96
Toluene-d8	2037-26-5	70-130	97

EPA METHOD TO-15 GC/MS FULL SCAN
Park Laundry

Client ID:	13-SG1-073013	Date/Time Analyzed:	8/16/13 08:22 PM
Lab ID:	1308171-02A	Dilution Factor:	2.60
Date/Time Collected:	7/30/13 01:54 PM	Instrument/Filename:	msdj.i / j081612
Media:	1 Liter Summa Canister (100% Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	1.0	2.1	5.3	Not Detected
1,1-Dichloroethene	75-35-4	1.6	2.1	5.2	Not Detected
1,2-Dichloroethane	107-06-2	0.99	2.1	5.3	Not Detected
Chloroethane	75-00-3	4.6	5.5	14	Not Detected
cis-1,2-Dichloroethene	156-59-2	0.94	2.1	5.2	Not Detected
Tetrachloroethene	127-18-4	2.9	3.5	8.8	30
trans-1,2-Dichloroethene	156-60-5	1.8	2.1	5.2	Not Detected
Trichloroethene	79-01-6	1.8	2.8	7.0	2.4 J
Vinyl Chloride	75-01-4	0.86	1.3	3.3	Not Detected

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	83
4-Bromofluorobenzene	460-00-4	70-130	103
Toluene-d8	2037-26-5	70-130	97



EPA METHOD TO-15 GC/MS FULL SCAN
Park Laundry

Client ID:	44-SG1-073113	Date/Time Analyzed:	8/18/13 12:42 PM
Lab ID:	1308171-03A	Dilution Factor:	9.44
Date/Time Collected:	7/31/13 10:00 AM	Instrument/Filename:	msdj.i / j081808
Media:	1 Liter Summa Canister (100% Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	3.8	7.6	19	Not Detected
1,1-Dichloroethene	75-35-4	5.7	7.5	19	Not Detected
1,2-Dichloroethane	107-06-2	3.6	7.6	19	Not Detected
Chloroethane	75-00-3	17	20	50	Not Detected
cis-1,2-Dichloroethene	156-59-2	3.4	7.5	19	Not Detected
Tetrachloroethene	127-18-4	10	13	32	9500
trans-1,2-Dichloroethene	156-60-5	6.7	7.5	19	Not Detected
Trichloroethene	79-01-6	6.5	10	25	Not Detected
Vinyl Chloride	75-01-4	3.1	4.8	12	Not Detected

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	82
4-Bromofluorobenzene	460-00-4	70-130	98
Toluene-d8	2037-26-5	70-130	97



Air Toxics

EPA METHOD TO-15 GC/MS FULL SCAN
Park Laundry

Client ID:	45-SG1-073113	Date/Time Analyzed:	8/16/13 09:58 PM
Lab ID:	1308171-04A	Dilution Factor:	2.36
Date/Time Collected:	7/31/13 09:32 AM	Instrument/Filename:	msdj.i / j081614
Media:	1 Liter Summa Canister (100% Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	0.94	1.9	4.8	Not Detected
1,1-Dichloroethene	75-35-4	1.4	1.9	4.7	Not Detected
1,2-Dichloroethane	107-06-2	0.90	1.9	4.8	Not Detected
Chloroethane	75-00-3	4.2	5.0	12	Not Detected
cis-1,2-Dichloroethene	156-59-2	0.85	1.9	4.7	Not Detected
Tetrachloroethene	127-18-4	2.6	3.2	8.0	1800
trans-1,2-Dichloroethene	156-60-5	1.7	1.9	4.7	Not Detected
Trichloroethene	79-01-6	1.6	2.5	6.3	Not Detected
Vinyl Chloride	75-01-4	0.78	1.2	3.0	Not Detected

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	82
4-Bromofluorobenzene	460-00-4	70-130	101
Toluene-d8	2037-26-5	70-130	96

EPA METHOD TO-15 GC/MS FULL SCAN
Park Laundry

Client ID:	46-SG1-073013	Date/Time Analyzed:	8/18/13 01:31 PM
Lab ID:	1308171-05A	Dilution Factor:	2.46
Date/Time Collected:	7/30/13 09:47 AM	Instrument/Filename:	msdj.i / j081809
Media:	1 Liter Summa Canister (100% Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	0.98	2.0	5.0	Not Detected
1,1-Dichloroethene	75-35-4	1.5	2.0	4.9	Not Detected
1,2-Dichloroethane	107-06-2	0.94	2.0	5.0	1.2 J
Chloroethane	75-00-3	4.4	5.2	13	Not Detected
cis-1,2-Dichloroethene	156-59-2	0.89	2.0	4.9	Not Detected
Tetrachloroethene	127-18-4	2.7	3.3	8.3	100
trans-1,2-Dichloroethene	156-60-5	1.7	2.0	4.9	Not Detected
Trichloroethene	79-01-6	1.7	2.6	6.6	Not Detected
Vinyl Chloride	75-01-4	0.81	1.2	3.1	Not Detected

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	81
4-Bromofluorobenzene	460-00-4	70-130	102
Toluene-d8	2037-26-5	70-130	95

EPA METHOD TO-15 GC/MS FULL SCAN
Park Laundry

Client ID:	27-SG1-072913	Date/Time Analyzed:	8/18/13 02:37 PM
Lab ID:	1308171-06A	Dilution Factor:	2.52
Date/Time Collected:	7/29/13 03:08 PM	Instrument/Filename:	msdj.i / j081810
Media:	1 Liter Summa Canister (100% Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	1.0	2.0	5.1	Not Detected
1,1-Dichloroethene	75-35-4	1.5	2.0	5.0	Not Detected
1,2-Dichloroethane	107-06-2	0.96	2.0	5.1	Not Detected
Chloroethane	75-00-3	4.5	5.3	13	Not Detected
cis-1,2-Dichloroethene	156-59-2	0.91	2.0	5.0	Not Detected
Tetrachloroethene	127-18-4	2.8	3.4	8.5	Not Detected
trans-1,2-Dichloroethene	156-60-5	1.8	2.0	5.0	Not Detected
Trichloroethene	79-01-6	1.7	2.7	6.8	Not Detected
Vinyl Chloride	75-01-4	0.83	1.3	3.2	Not Detected

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	82
4-Bromofluorobenzene	460-00-4	70-130	96
Toluene-d8	2037-26-5	70-130	96

EPA METHOD TO-15 GC/MS FULL SCAN
Park Laundry

Client ID:	5-SG1-073013	Date/Time Analyzed:	8/18/13 03:04 PM
Lab ID:	1308171-07A	Dilution Factor:	2.33
Date/Time Collected:	7/30/13 10:00 AM	Instrument/Filename:	msdj.i / j081811
Media:	1 Liter Summa Canister (100% Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	0.93	1.9	4.7	Not Detected
1,1-Dichloroethene	75-35-4	1.4	1.8	4.6	Not Detected
1,2-Dichloroethane	107-06-2	0.89	1.9	4.7	Not Detected
Chloroethane	75-00-3	4.2	4.9	12	Not Detected
cis-1,2-Dichloroethene	156-59-2	0.84	1.8	4.6	Not Detected
Tetrachloroethene	127-18-4	2.6	3.2	7.9	250
trans-1,2-Dichloroethene	156-60-5	1.6	1.8	4.6	Not Detected
Trichloroethene	79-01-6	1.6	2.5	6.3	Not Detected
Vinyl Chloride	75-01-4	0.77	1.2	3.0	Not Detected

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	81
4-Bromofluorobenzene	460-00-4	70-130	101
Toluene-d8	2037-26-5	70-130	96

EPA METHOD TO-15 GC/MS FULL SCAN
Park Laundry

Client ID:	11-SG1-073113	Date/Time Analyzed:	8/18/13 03:32 PM
Lab ID:	1308171-08A	Dilution Factor:	2.47
Date/Time Collected:	7/31/13 11:03 AM	Instrument/Filename:	msdj.i / j081812
Media:	1 Liter Summa Canister (100% Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	0.99	2.0	5.0	Not Detected
1,1-Dichloroethene	75-35-4	1.5	2.0	4.9	Not Detected
1,2-Dichloroethane	107-06-2	0.94	2.0	5.0	Not Detected
Chloroethane	75-00-3	4.4	5.2	13	Not Detected
cis-1,2-Dichloroethene	156-59-2	0.89	2.0	4.9	13
Tetrachloroethene	127-18-4	2.8	3.4	8.4	34
trans-1,2-Dichloroethene	156-60-5	1.8	2.0	4.9	Not Detected
Trichloroethene	79-01-6	1.7	2.6	6.6	5.2 J
Vinyl Chloride	75-01-4	0.81	1.3	3.2	2.7 J

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	81
4-Bromofluorobenzene	460-00-4	70-130	100
Toluene-d8	2037-26-5	70-130	94

EPA METHOD TO-15 GC/MS FULL SCAN
Park Laundry

Client ID:	24-SG1-073013	Date/Time Analyzed:	8/18/13 03:59 PM
Lab ID:	1308171-09A	Dilution Factor:	2.63
Date/Time Collected:	7/30/13 03:37 PM	Instrument/Filename:	msdj.i / j081813
Media:	1 Liter Summa Canister (100% Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	1.0	2.1	5.3	Not Detected
1,1-Dichloroethene	75-35-4	1.6	2.1	5.2	Not Detected
1,2-Dichloroethane	107-06-2	1.0	2.1	5.3	Not Detected
Chloroethane	75-00-3	4.7	5.6	14	Not Detected
cis-1,2-Dichloroethene	156-59-2	0.95	2.1	5.2	Not Detected
Tetrachloroethene	127-18-4	2.9	3.6	8.9	Not Detected
trans-1,2-Dichloroethene	156-60-5	1.9	2.1	5.2	Not Detected
Trichloroethene	79-01-6	1.8	2.8	7.1	Not Detected
Vinyl Chloride	75-01-4	0.87	1.3	3.4	Not Detected

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	82
4-Bromofluorobenzene	460-00-4	70-130	103
Toluene-d8	2037-26-5	70-130	94

EPA METHOD TO-15 GC/MS FULL SCAN
Park Laundry

Client ID:	5-SS1-073013	Date/Time Analyzed:	8/18/13 05:21 PM
Lab ID:	1308171-10A	Dilution Factor:	2.24
Date/Time Collected:	7/30/13 11:00 AM	Instrument/Filename:	msdj.i / j081816
Media:	1 Liter Summa Canister (100% Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	0.90	1.8	4.5	Not Detected
1,1-Dichloroethene	75-35-4	1.3	1.8	4.4	Not Detected
1,2-Dichloroethane	107-06-2	0.86	1.8	4.5	Not Detected
Chloroethane	75-00-3	4.0	4.7	12	Not Detected
cis-1,2-Dichloroethene	156-59-2	0.81	1.8	4.4	Not Detected
Tetrachloroethene	127-18-4	2.5	3.0	7.6	750
trans-1,2-Dichloroethene	156-60-5	1.6	1.8	4.4	Not Detected
Trichloroethene	79-01-6	1.6	2.4	6.0	Not Detected
Vinyl Chloride	75-01-4	0.74	1.1	2.9	Not Detected

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	80
4-Bromofluorobenzene	460-00-4	70-130	97
Toluene-d8	2037-26-5	70-130	102

EPA METHOD TO-15 GC/MS FULL SCAN
Park Laundry

Client ID:	5-SS2-073013	Date/Time Analyzed:	8/18/13 04:54 PM
Lab ID:	1308171-11A	Dilution Factor:	2.30
Date/Time Collected:	7/30/13 10:57 AM	Instrument/Filename:	msdj.i / j081815
Media:	1 Liter Summa Canister (100% Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	0.92	1.9	4.6	Not Detected
1,1-Dichloroethene	75-35-4	1.4	1.8	4.6	Not Detected
1,2-Dichloroethane	107-06-2	0.88	1.9	4.6	Not Detected
Chloroethane	75-00-3	4.1	4.8	12	Not Detected
cis-1,2-Dichloroethene	156-59-2	0.83	1.8	4.6	Not Detected
Tetrachloroethene	127-18-4	2.6	3.1	7.8	320
trans-1,2-Dichloroethene	156-60-5	1.6	1.8	4.6	Not Detected
Trichloroethene	79-01-6	1.6	2.5	6.2	Not Detected
Vinyl Chloride	75-01-4	0.76	1.2	2.9	Not Detected

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	79
4-Bromofluorobenzene	460-00-4	70-130	101
Toluene-d8	2037-26-5	70-130	96

EPA METHOD TO-15 GC/MS FULL SCAN
Park Laundry

Client ID:	1-SS3-072913	Date/Time Analyzed:	8/18/13 06:43 PM
Lab ID:	1308171-12A	Dilution Factor:	2.32
Date/Time Collected:	7/29/13 01:50 PM	Instrument/Filename:	msdj.i / j081819
Media:	1 Liter Summa Canister (100% Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	0.93	1.9	4.7	Not Detected
1,1-Dichloroethene	75-35-4	1.4	1.8	4.6	Not Detected
1,2-Dichloroethane	107-06-2	0.88	1.9	4.7	Not Detected
Chloroethane	75-00-3	4.1	4.9	12	Not Detected
cis-1,2-Dichloroethene	156-59-2	0.84	1.8	4.6	Not Detected
Tetrachloroethene	127-18-4	2.6	3.1	7.9	Not Detected
trans-1,2-Dichloroethene	156-60-5	1.6	1.8	4.6	Not Detected
Trichloroethene	79-01-6	1.6	2.5	6.2	Not Detected
Vinyl Chloride	75-01-4	0.76	1.2	3.0	Not Detected

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	86
4-Bromofluorobenzene	460-00-4	70-130	104
Toluene-d8	2037-26-5	70-130	95

EPA METHOD TO-15 GC/MS FULL SCAN
Park Laundry

Client ID:	1-SS2-072913	Date/Time Analyzed:	8/18/13 07:05 PM
Lab ID:	1308171-13A	Dilution Factor:	2.33
Date/Time Collected:	7/29/13 12:47 PM	Instrument/Filename:	msdj.i / j081820
Media:	1 Liter Summa Canister (100% Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	0.93	1.9	4.7	Not Detected
1,1-Dichloroethene	75-35-4	1.4	1.8	4.6	Not Detected
1,2-Dichloroethane	107-06-2	0.89	1.9	4.7	Not Detected
Chloroethane	75-00-3	4.2	4.9	12	Not Detected
cis-1,2-Dichloroethene	156-59-2	0.84	1.8	4.6	Not Detected
Tetrachloroethene	127-18-4	2.6	3.2	7.9	Not Detected
trans-1,2-Dichloroethene	156-60-5	1.6	1.8	4.6	Not Detected
Trichloroethene	79-01-6	1.6	2.5	6.3	Not Detected
Vinyl Chloride	75-01-4	0.77	1.2	3.0	Not Detected

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	84
4-Bromofluorobenzene	460-00-4	70-130	103
Toluene-d8	2037-26-5	70-130	97

EPA METHOD TO-15 GC/MS FULL SCAN
Park Laundry

Client ID:	1-SS1-072913	Date/Time Analyzed:	8/18/13 08:48 PM
Lab ID:	1308171-14A	Dilution Factor:	2.33
Date/Time Collected:	7/29/13 12:52 PM	Instrument/Filename:	msdj.i / j081823
Media:	1 Liter Summa Canister (100% Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	0.93	1.9	4.7	Not Detected
1,1-Dichloroethene	75-35-4	1.4	1.8	4.6	Not Detected
1,2-Dichloroethane	107-06-2	0.89	1.9	4.7	Not Detected
Chloroethane	75-00-3	4.2	4.9	12	Not Detected
cis-1,2-Dichloroethene	156-59-2	0.84	1.8	4.6	Not Detected
Tetrachloroethene	127-18-4	2.6	3.2	7.9	Not Detected
trans-1,2-Dichloroethene	156-60-5	1.6	1.8	4.6	Not Detected
Trichloroethene	79-01-6	1.6	2.5	6.3	Not Detected
Vinyl Chloride	75-01-4	0.77	1.2	3.0	Not Detected

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	88
4-Bromofluorobenzene	460-00-4	70-130	104
Toluene-d8	2037-26-5	70-130	95



Air Toxics

EPA METHOD TO-15 GC/MS FULL SCAN
Park Laundry

Client ID:	7-SS3-072913	Date/Time Analyzed:	8/18/13 09:14 PM
Lab ID:	1308171-15A	Dilution Factor:	2.45
Date/Time Collected:	7/29/13 11:01 AM	Instrument/Filename:	msdj.i / j081824
Media:	1 Liter Summa Canister (100% Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	0.98	2.0	5.0	Not Detected
1,1-Dichloroethene	75-35-4	1.5	1.9	4.8	Not Detected
1,2-Dichloroethane	107-06-2	0.94	2.0	5.0	Not Detected
Chloroethane	75-00-3	4.4	5.2	13	Not Detected
cis-1,2-Dichloroethene	156-59-2	0.88	1.9	4.8	Not Detected
Tetrachloroethene	127-18-4	2.7	3.3	8.3	Not Detected
trans-1,2-Dichloroethene	156-60-5	1.7	1.9	4.8	Not Detected
Trichloroethene	79-01-6	1.7	2.6	6.6	Not Detected
Vinyl Chloride	75-01-4	0.81	1.2	3.1	Not Detected

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	93
4-Bromofluorobenzene	460-00-4	70-130	105
Toluene-d8	2037-26-5	70-130	98

EPA METHOD TO-15 GC/MS FULL SCAN
Park Laundry

Client ID:	7-SS2-072913	Date/Time Analyzed:	8/18/13 09:38 PM
Lab ID:	1308171-16A	Dilution Factor:	2.35
Date/Time Collected:	7/29/13 11:40 AM	Instrument/Filename:	msdj.i / j081825
Media:	1 Liter Summa Canister (100% Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	0.94	1.9	4.8	Not Detected
1,1-Dichloroethene	75-35-4	1.4	1.9	4.6	Not Detected
1,2-Dichloroethane	107-06-2	0.90	1.9	4.8	Not Detected
Chloroethane	75-00-3	4.2	5.0	12	Not Detected
cis-1,2-Dichloroethene	156-59-2	0.85	1.9	4.6	Not Detected
Tetrachloroethene	127-18-4	2.6	3.2	8.0	Not Detected
trans-1,2-Dichloroethene	156-60-5	1.7	1.9	4.6	Not Detected
Trichloroethene	79-01-6	1.6	2.5	6.3	Not Detected
Vinyl Chloride	75-01-4	0.78	1.2	3.0	Not Detected

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	91
4-Bromofluorobenzene	460-00-4	70-130	103
Toluene-d8	2037-26-5	70-130	98



Air Toxics

EPA METHOD TO-15 GC/MS FULL SCAN
Park Laundry

Client ID:	7-SS1-072913	Date/Time Analyzed:	8/18/13 10:01 PM
Lab ID:	1308171-17A	Dilution Factor:	2.36
Date/Time Collected:	7/29/13 10:51 AM	Instrument/Filename:	msdj.i / j081826
Media:	1 Liter Summa Canister (100% Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	0.94	1.9	4.8	Not Detected
1,1-Dichloroethene	75-35-4	1.4	1.9	4.7	Not Detected
1,2-Dichloroethane	107-06-2	0.90	1.9	4.8	Not Detected
Chloroethane	75-00-3	4.2	5.0	12	Not Detected
cis-1,2-Dichloroethene	156-59-2	0.85	1.9	4.7	Not Detected
Tetrachloroethene	127-18-4	2.6	3.2	8.0	Not Detected
trans-1,2-Dichloroethene	156-60-5	1.7	1.9	4.7	Not Detected
Trichloroethene	79-01-6	1.6	2.5	6.3	Not Detected
Vinyl Chloride	75-01-4	0.78	1.2	3.0	Not Detected

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	89
4-Bromofluorobenzene	460-00-4	70-130	108
Toluene-d8	2037-26-5	70-130	98

EPA METHOD TO-15 GC/MS FULL SCAN
Park Laundry

Client ID:	13-SS1-073013	Date/Time Analyzed:	8/18/13 10:41 PM
Lab ID:	1308171-18A	Dilution Factor:	2.57
Date/Time Collected:	7/30/13 02:11 PM	Instrument/Filename:	msd3.i / 3081824
Media:	1 Liter Summa Canister (100% Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	1.0	2.1	5.2	Not Detected
1,1-Dichloroethene	75-35-4	1.1	2.0	5.1	Not Detected
1,2-Dichloroethane	107-06-2	0.85	2.1	5.2	Not Detected
Chloroethane	75-00-3	2.4	6.1	14	Not Detected
cis-1,2-Dichloroethene	156-59-2	1.3	2.0	5.1	Not Detected
Tetrachloroethene	127-18-4	1.6	3.5	8.7	Not Detected
trans-1,2-Dichloroethene	156-60-5	1.3	2.0	5.1	Not Detected
Trichloroethene	79-01-6	1.2	2.8	6.9	Not Detected
Vinyl Chloride	75-01-4	0.96	1.3	3.3	Not Detected

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	88
4-Bromofluorobenzene	460-00-4	70-130	106
Toluene-d8	2037-26-5	70-130	94

EPA METHOD TO-15 GC/MS FULL SCAN
Park Laundry

Client ID:	11-SS4-073113	Date/Time Analyzed:	8/18/13 10:09 PM
Lab ID:	1308171-19A	Dilution Factor:	2.30
Date/Time Collected:	7/31/13 01:56 PM	Instrument/Filename:	msd3.i / 3081823
Media:	1 Liter Summa Canister (100% Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	0.92	1.9	4.6	Not Detected
1,1-Dichloroethene	75-35-4	1.0	1.8	4.6	Not Detected
1,2-Dichloroethane	107-06-2	0.76	1.9	4.6	Not Detected
Chloroethane	75-00-3	2.1	5.5	12	Not Detected
cis-1,2-Dichloroethene	156-59-2	1.2	1.8	4.6	Not Detected
Tetrachloroethene	127-18-4	1.4	3.1	7.8	Not Detected
trans-1,2-Dichloroethene	156-60-5	1.2	1.8	4.6	Not Detected
Trichloroethene	79-01-6	1.1	2.5	6.2	Not Detected
Vinyl Chloride	75-01-4	0.86	1.2	2.9	Not Detected

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	89
4-Bromofluorobenzene	460-00-4	70-130	108
Toluene-d8	2037-26-5	70-130	93

EPA METHOD TO-15 GC/MS FULL SCAN
Park Laundry

Client ID:	11-SS3-073113	Date/Time Analyzed:	8/18/13 09:43 PM
Lab ID:	1308171-20A	Dilution Factor:	2.29
Date/Time Collected:	7/31/13 01:03 PM	Instrument/Filename:	msd3.i / 3081822
Media:	1 Liter Summa Canister (100% Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	0.92	1.8	4.6	Not Detected
1,1-Dichloroethene	75-35-4	0.99	1.8	4.5	Not Detected
1,2-Dichloroethane	107-06-2	0.76	1.8	4.6	Not Detected
Chloroethane	75-00-3	2.1	5.4	12	Not Detected
cis-1,2-Dichloroethene	156-59-2	1.2	1.8	4.5	Not Detected
Tetrachloroethene	127-18-4	1.4	3.1	7.8	Not Detected
trans-1,2-Dichloroethene	156-60-5	1.2	1.8	4.5	Not Detected
Trichloroethene	79-01-6	1.1	2.5	6.2	Not Detected
Vinyl Chloride	75-01-4	0.85	1.2	2.9	Not Detected

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	88
4-Bromofluorobenzene	460-00-4	70-130	108
Toluene-d8	2037-26-5	70-130	92



Air Toxics

EPA METHOD TO-15 GC/MS FULL SCAN
Park Laundry

Client ID:	11-SS2-073113	Date/Time Analyzed:	8/18/13 09:18 PM
Lab ID:	1308171-21A	Dilution Factor:	2.46
Date/Time Collected:	7/31/13 12:52 PM	Instrument/Filename:	msd3.i / 3081821
Media:	1 Liter Summa Canister (100% Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	0.99	2.0	5.0	Not Detected
1,1-Dichloroethene	75-35-4	1.1	2.0	4.9	Not Detected
1,2-Dichloroethane	107-06-2	0.81	2.0	5.0	Not Detected
Chloroethane	75-00-3	2.3	5.8	13	Not Detected
cis-1,2-Dichloroethene	156-59-2	1.2	2.0	4.9	Not Detected
Tetrachloroethene	127-18-4	1.5	3.3	8.3	Not Detected
trans-1,2-Dichloroethene	156-60-5	1.2	2.0	4.9	Not Detected
Trichloroethene	79-01-6	1.2	2.6	6.6	Not Detected
Vinyl Chloride	75-01-4	0.92	1.2	3.1	Not Detected

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	86
4-Bromofluorobenzene	460-00-4	70-130	110
Toluene-d8	2037-26-5	70-130	93

EPA METHOD TO-15 GC/MS FULL SCAN
Park Laundry

Client ID:	11-SS1-073113	Date/Time Analyzed:	8/18/13 08:48 PM
Lab ID:	1308171-22A	Dilution Factor:	2.35
Date/Time Collected:	7/31/13 01:39 PM	Instrument/Filename:	msd3.i / 3081820
Media:	1 Liter Summa Canister (100% Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	0.94	1.9	4.8	Not Detected
1,1-Dichloroethene	75-35-4	1.0	1.9	4.6	Not Detected
1,2-Dichloroethane	107-06-2	0.78	1.9	4.8	Not Detected
Chloroethane	75-00-3	2.2	5.6	12	Not Detected
cis-1,2-Dichloroethene	156-59-2	1.2	1.9	4.6	Not Detected
Tetrachloroethene	127-18-4	1.4	3.2	8.0	10
trans-1,2-Dichloroethene	156-60-5	1.2	1.9	4.6	Not Detected
Trichloroethene	79-01-6	1.1	2.5	6.3	Not Detected
Vinyl Chloride	75-01-4	0.88	1.2	3.0	Not Detected

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	88
4-Bromofluorobenzene	460-00-4	70-130	109
Toluene-d8	2037-26-5	70-130	92

EPA METHOD TO-15 GC/MS FULL SCAN
Park Laundry

Client ID:	Lab Blank	Date/Time Analyzed:	8/16/13 03:16 PM
Lab ID:	1308171-23A	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	msdj.i / j081606a
Media:	NA - Not Applicable		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	0.40	0.81	2.0	Not Detected
1,1-Dichloroethene	75-35-4	0.60	0.79	2.0	Not Detected
1,2-Dichloroethane	107-06-2	0.38	0.81	2.0	Not Detected
Chloroethane	75-00-3	1.8	2.1	5.3	Not Detected
cis-1,2-Dichloroethene	156-59-2	0.36	0.79	2.0	Not Detected
Tetrachloroethene	127-18-4	1.1	1.4	3.4	Not Detected
trans-1,2-Dichloroethene	156-60-5	0.71	0.79	2.0	Not Detected
Trichloroethene	79-01-6	0.69	1.1	2.7	Not Detected
Vinyl Chloride	75-01-4	0.33	0.51	1.3	Not Detected

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	86
4-Bromofluorobenzene	460-00-4	70-130	98
Toluene-d8	2037-26-5	70-130	98

EPA METHOD TO-15 GC/MS FULL SCAN
Park Laundry

Client ID:	Lab Blank	Date/Time Analyzed:	8/18/13 11:22 AM
Lab ID:	1308171-23B	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	msdj.i / j081806a
Media:	NA - Not Applicable		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	0.40	0.81	2.0	Not Detected
1,1-Dichloroethene	75-35-4	0.60	0.79	2.0	Not Detected
1,2-Dichloroethane	107-06-2	0.38	0.81	2.0	0.40 J
Chloroethane	75-00-3	1.8	2.1	5.3	Not Detected
cis-1,2-Dichloroethene	156-59-2	0.36	0.79	2.0	Not Detected
Tetrachloroethene	127-18-4	1.1	1.4	3.4	Not Detected
trans-1,2-Dichloroethene	156-60-5	0.71	0.79	2.0	Not Detected
Trichloroethene	79-01-6	0.69	1.1	2.7	Not Detected
Vinyl Chloride	75-01-4	0.33	0.51	1.3	Not Detected

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	82
4-Bromofluorobenzene	460-00-4	70-130	104
Toluene-d8	2037-26-5	70-130	96

EPA METHOD TO-15 GC/MS FULL SCAN
Park Laundry

Client ID:	Lab Blank	Date/Time Analyzed:	8/18/13 10:48 AM
Lab ID:	1308171-23C	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	msd3.i / 3081805a
Media:	NA - Not Applicable		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	0.40	0.81	2.0	Not Detected
1,1-Dichloroethene	75-35-4	0.43	0.79	2.0	Not Detected
1,2-Dichloroethane	107-06-2	0.33	0.81	2.0	0.43 J
Chloroethane	75-00-3	0.93	2.4	5.3	Not Detected
cis-1,2-Dichloroethene	156-59-2	0.51	0.79	2.0	Not Detected
Tetrachloroethene	127-18-4	0.61	1.4	3.4	Not Detected
trans-1,2-Dichloroethene	156-60-5	0.51	0.79	2.0	Not Detected
Trichloroethene	79-01-6	0.47	1.1	2.7	0.55 J
Vinyl Chloride	75-01-4	0.37	0.51	1.3	Not Detected

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	77
4-Bromofluorobenzene	460-00-4	70-130	106
Toluene-d8	2037-26-5	70-130	91

EPA METHOD TO-15 GC/MS FULL SCAN
Park Laundry

Client ID:	CCV	Date/Time Analyzed:	8/16/13 12:41 PM
Lab ID:	1308171-24A	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	msdj.i / j081602
Media:	NA - Not Applicable		

Compound	CAS#		%Recovery
1,1-Dichloroethane	75-34-3		89
1,1-Dichloroethene	75-35-4		99
1,2-Dichloroethane	107-06-2		87
Chloroethane	75-00-3		90
cis-1,2-Dichloroethene	156-59-2		97
Tetrachloroethene	127-18-4		97
trans-1,2-Dichloroethene	156-60-5		96
Trichloroethene	79-01-6		94
Vinyl Chloride	75-01-4		98

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	93
4-Bromofluorobenzene	460-00-4	70-130	104
Toluene-d8	2037-26-5	70-130	99

EPA METHOD TO-15 GC/MS FULL SCAN
Park Laundry

Client ID:	CCV	Date/Time Analyzed:	8/18/13 08:52 AM
Lab ID:	1308171-24B	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	msdj.i / j081802
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
1,1-Dichloroethane	75-34-3	87
1,1-Dichloroethene	75-35-4	99
1,2-Dichloroethane	107-06-2	78
Chloroethane	75-00-3	97
cis-1,2-Dichloroethene	156-59-2	105
Tetrachloroethene	127-18-4	98
trans-1,2-Dichloroethene	156-60-5	97
Trichloroethene	79-01-6	92
Vinyl Chloride	75-01-4	100

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	78
4-Bromofluorobenzene	460-00-4	70-130	103
Toluene-d8	2037-26-5	70-130	98

EPA METHOD TO-15 GC/MS FULL SCAN
Park Laundry

Client ID:	CCV	Date/Time Analyzed:	8/18/13 09:04 AM
Lab ID:	1308171-24C	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	msd3.i / 3081802
Media:	NA - Not Applicable		

Compound	CAS#		%Recovery
1,1-Dichloroethane	75-34-3		86
1,1-Dichloroethene	75-35-4		111
1,2-Dichloroethane	107-06-2		76
Chloroethane	75-00-3		87
cis-1,2-Dichloroethene	156-59-2		107
Tetrachloroethene	127-18-4		111
trans-1,2-Dichloroethene	156-60-5		102
Trichloroethene	79-01-6		92
Vinyl Chloride	75-01-4		86

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	77
4-Bromofluorobenzene	460-00-4	70-130	107
Toluene-d8	2037-26-5	70-130	92

EPA METHOD TO-15 GC/MS FULL SCAN
Park Laundry

Client ID:	LCS	Date/Time Analyzed:	8/16/13 01:15 PM
Lab ID:	1308171-25A	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	msdj.i / j081603
Media:	NA - Not Applicable		

Compound	CAS#		%Recovery
1,1-Dichloroethane	75-34-3		88
1,1-Dichloroethene	75-35-4		110
1,2-Dichloroethane	107-06-2		89
Chloroethane	75-00-3		96
cis-1,2-Dichloroethene	156-59-2		99
Tetrachloroethene	127-18-4		100
trans-1,2-Dichloroethene	156-60-5		112
Trichloroethene	79-01-6		102
Vinyl Chloride	75-01-4		104

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	88
4-Bromofluorobenzene	460-00-4	70-130	106
Toluene-d8	2037-26-5	70-130	101

* % Recovery is calculated using unrounded analytical results.

EPA METHOD TO-15 GC/MS FULL SCAN
Park Laundry

Client ID:	LCSD	Date/Time Analyzed:	8/16/13 01:51 PM
Lab ID:	1308171-25AA	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	msdj.i / j081604
Media:	NA - Not Applicable		

Compound	CAS#		%Recovery
1,1-Dichloroethane	75-34-3		90
1,1-Dichloroethene	75-35-4		110
1,2-Dichloroethane	107-06-2		88
Chloroethane	75-00-3		99
cis-1,2-Dichloroethene	156-59-2		100
Tetrachloroethene	127-18-4		98
trans-1,2-Dichloroethene	156-60-5		112
Trichloroethene	79-01-6		102
Vinyl Chloride	75-01-4		104

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	88
4-Bromofluorobenzene	460-00-4	70-130	103
Toluene-d8	2037-26-5	70-130	101

* % Recovery is calculated using unrounded analytical results.

EPA METHOD TO-15 GC/MS FULL SCAN
Park Laundry

Client ID:	LCS	Date/Time Analyzed:	8/18/13 09:25 AM
Lab ID:	1308171-25B	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	msdj.i / j081803
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
1,1-Dichloroethane	75-34-3	90
1,1-Dichloroethene	75-35-4	113
1,2-Dichloroethane	107-06-2	77
Chloroethane	75-00-3	102
cis-1,2-Dichloroethene	156-59-2	102
Tetrachloroethene	127-18-4	101
trans-1,2-Dichloroethene	156-60-5	116
Trichloroethene	79-01-6	100
Vinyl Chloride	75-01-4	108

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	80
4-Bromofluorobenzene	460-00-4	70-130	103
Toluene-d8	2037-26-5	70-130	97

* % Recovery is calculated using unrounded analytical results.

EPA METHOD TO-15 GC/MS FULL SCAN
Park Laundry

Client ID:	LCSD	Date/Time Analyzed:	8/18/13 09:49 AM
Lab ID:	1308171-25BB	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	msdj.i / j081804
Media:	NA - Not Applicable		

Compound	CAS#		%Recovery
1,1-Dichloroethane	75-34-3		86
1,1-Dichloroethene	75-35-4		106
1,2-Dichloroethane	107-06-2		77
Chloroethane	75-00-3		94
cis-1,2-Dichloroethene	156-59-2		99
Tetrachloroethene	127-18-4		98
trans-1,2-Dichloroethene	156-60-5		113
Trichloroethene	79-01-6		98
Vinyl Chloride	75-01-4		106

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	80
4-Bromofluorobenzene	460-00-4	70-130	104
Toluene-d8	2037-26-5	70-130	100

* % Recovery is calculated using unrounded analytical results.

EPA METHOD TO-15 GC/MS FULL SCAN
Park Laundry

Client ID:	LCS	Date/Time Analyzed:	8/18/13 09:34 AM
Lab ID:	1308171-25C	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	msd3.i / 3081803
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
1,1-Dichloroethane	75-34-3	90
1,1-Dichloroethene	75-35-4	124
1,2-Dichloroethane	107-06-2	78
Chloroethane	75-00-3	90
cis-1,2-Dichloroethene	156-59-2	112
Tetrachloroethene	127-18-4	111
trans-1,2-Dichloroethene	156-60-5	123
Trichloroethene	79-01-6	95
Vinyl Chloride	75-01-4	93

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	80
4-Bromofluorobenzene	460-00-4	70-130	109
Toluene-d8	2037-26-5	70-130	93

* % Recovery is calculated using unrounded analytical results.

EPA METHOD TO-15 GC/MS FULL SCAN
Park Laundry

Client ID:	LCSD	Date/Time Analyzed:	8/18/13 10:18 AM
Lab ID:	1308171-25CC	Dilution Factor:	1.00
Date/Time Collected:	NA - Not Applicable	Instrument/Filename:	msd3.i / 3081804
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
1,1-Dichloroethane	75-34-3	77
1,1-Dichloroethene	75-35-4	106
1,2-Dichloroethane	107-06-2	67 Q
Chloroethane	75-00-3	79
cis-1,2-Dichloroethene	156-59-2	94
Tetrachloroethene	127-18-4	94
trans-1,2-Dichloroethene	156-60-5	104
Trichloroethene	79-01-6	82
Vinyl Chloride	75-01-4	81

Q = Exceeds Quality Control limits.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	76
4-Bromofluorobenzene	460-00-4	70-130	106
Toluene-d8	2037-26-5	70-130	92

* % Recovery is calculated using unrounded analytical results.



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Requiring signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Requiring signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline 1800-467-4022

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 935-1000 FAX (916) 935-1020

Project Manager Bill Bredie
 Collected by: (Print and Sign) Thomas Ashton
 Company MAFA Email taskforce@mafa.com
 Address 2001 1st Ave City Portland State OR Zip 97201
 Phone 503-572-2704 Fax _____

Project Info:	Turn Around Time:	Can Ship Only?
	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush	Pressurized by:
P.O. # _____	Date _____	Pressurization Gas _____
Project # <u>8006 31201</u>	Project Name <u>Park Landing</u>	

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (Lab)
018	28-561-073013	1348	7/30/13	15:17	TO-15, SW, SIA, SIA, SIA	-30	-5		
019	13-561-073013	9311	7/30/13	13:54		-30	-4		
020	44-561-073113	37317	7/31/13	10:00		-30	-4		
021	45-561-073113	37697	7/31/13	09:32		-29	-5		
022	46-561-073013	33400	7/30/13	09:47		-29	-5		
023	27-561-072913	37341	7/29/13	16:08		-30	-4		
024	5-561-073013	37786	7/30/13	10:00		-30	-5		
025	11-561-073113	37414	7/31/13	11:03		-29	-4		
026	24-561-073013	36374	7/30/13	15:37		-29.5	-4.5		
027	5-561-073013	34100	7/30/13	11:00		-30	-5		

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>8/2/13</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>8/1/13 11:00</u>
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____

Notes:
See attachment for list of compounds and reporting limits.

Lab Use Only	Shipper Name <u>LPS</u>	Air Bill # _____	Temp (C) <u>NA</u>	Corrosion <u>g002</u>	Outslopy Seals Intact? <input checked="" type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> None	Work Order # <u>1308171</u>
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CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

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180 BLUE RAVINE ROAD, SUITE 8
 FOLSOM, CA 95630-4719
 (916) 985-1000 FAX (916) 985-1020

Project Manager Bill Beadie
 Collected by: Print and Sign Thomas Adams
 Company MEA Email tomad@mea.com
 Address 2001 NW 15th Ave City Portland State OR Zip 97229
 Phone 503-361-5289 Fax

Project Info:	Turn Around Time:	Lab Use Only
R.O. # _____	<input checked="" type="checkbox"/> Normal	Pressurized by _____
Project # <u>5006 31.03</u>	<input type="checkbox"/> Rush	Date _____
Project Name <u>Park Laundry</u>		Pressurization Gas _____

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analysis Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
UA	5-552-073013	12031	7/20/13	10:57	SO4S SW: 2005	-30	-5		
UA	1-553-072913	15770	7/29/13	13:50		-28	-5		
UA	1-552-072913	31795	7/29/13	12:47		-29.5	-5		
UA	1-551-072913	37419	7/29/13	12:52		-29.5	-5		
UA	7-553-072913	37795	7/29/13	11:01		-28	-5		
UA	7-552-072913	54169	7/29/13	11:40		-29.5	-5		
UA	7-551-072913	31796	7/29/13	10:51		-29.5	-5		
UA	13-551-073013	30627	7/30/13	14:11		-28	-5		
UA	11-554-073113	39058	7/31/13	13:56		-30	-5		
UA	11-553-073113	3249	7/31/13	13:03		-30	-5		

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>8/2/13 13:00</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>09/06/13 11:05</u>	Notes: See attachment for list of compounds and reporting limits
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name <u>MEA</u>	Alt. Bill # _____	Temp (°C) <u>NA</u>	Condition <u>GOOD</u>	Custody Seals Intact? Yes No <u>None</u>	Work Order # <u>308171</u>
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CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

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180 BLUE HAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-7000 FAX (916) 985-1420

Project Manager B. H. Beaudin
 Collected by: (Print and sign) Thomas Ashton
 Company A/EA Email thomas@newfast.com
 Address 2001 New 19th Ave City Porterville State CA Zip 93257
 Phone 558-501-5204 Fax _____

Project Info:	Turn Around Time:	Lab Use Only
P.O. # _____	<input checked="" type="checkbox"/> Normal	Pressurized by: _____
Project # <u>8006 71.02</u>	<input type="checkbox"/> Rush	Date: _____
Project Name <u>Park Community</u>	specify _____	Pressurization Gas: _____
		N. He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Prep.	Final
<u>11A</u>	<u>11-552-073113</u>	<u>35640</u>	<u>7/31/13</u>	<u>12:52</u>	<u>TO-15 SIM</u>	<u>-29</u>	<u>-5</u>		
<u>12A</u>	<u>11-551-073113</u>	<u>37713</u>	<u>7/31/13</u>	<u>13:39</u>		<u>-30</u>	<u>-5</u>		
	<u>13-1A2-073013</u>	<u>33576</u>	<u>7/30/13</u>	<u>13:59</u>		<u>-30</u>	<u>-7.5</u>		
	<u>13-1A1-073013</u>	<u>1588</u>	<u>7/30/13</u>	<u>13:36</u>		<u>-30</u>	<u>-2.5</u>		
	<u>5-1A3-073013</u>	<u>4211</u>	<u>7/30/13</u>	<u>12:14</u>		<u>-24</u>	<u>-5</u>		
	<u>0A3-073013</u>	<u>12957</u>	<u>7/30/13</u>	<u>13:22</u>	<u>Hold</u>	<u>-30</u>	<u>-5</u>		
	<u>11-1A7-072913</u>	<u>33909</u>	<u>7/29/13</u>	<u>12:36</u>	<u>TO-15 SIM</u>	<u>-20</u>	<u>-3</u>		
	<u>11-1A5-072913</u>	<u>11026</u>	<u>7/29/13</u>	<u>12:38</u>		<u>-24</u>	<u>-3.5</u>		
	<u>0A1-072913</u>	<u>5361</u>	<u>7/29/13</u>	<u>11:32</u>	<u>Hold</u>	<u>-30</u>	<u>-5</u>		
	<u>11-1A1-072913</u>	<u>5365</u>	<u>7/29/13</u>	<u>12:34</u>	<u>TO-15 SIM</u>	<u>-28</u>	<u>-4</u>		

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>8/1/13 13:00</u>	Received by: (signature) _____ Date/Time _____
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____

Notes:
 See attachment for list of compounds and reporting limits

Lab Use Only	Shipper Name _____	Air Bill # _____	Temp. (°C) _____	Condition _____	Dirty Seals/Interal? _____	Work Order # <u>130871</u>
					Yes No None	

Attachment

1308171

MFA Project #8006.31.01

Here is the list of analytes with our screening values.

For all of the listed analytes, please ensure that the reported concentrations on the issued report(s) are below the screening values listed below. In most cases, the MRL will be below the screening value so the MRL should be reported. However, some samples may need the MDL reported instead, in order to attain a reported value below the screening value. Please use the MRL as the default reported value, unless the MDL is necessary.

Please assess the need to use the MRL or MDL on a sample by sample (and analyte by analyte) basis.

Analyte	Air Screening Values ($\mu\text{g}/\text{m}^3$) for 6-liter canisters	Soil Gas Screening Values ($\mu\text{g}/\text{m}^3$) for 1-liter canisters
1,1-dichloroethane	320	3200
1,1-dichloroethene	91	910
1,2-dichloroethane	0.096	0.96
Chloroethane	3	30
Cis-1,2-dichloroethene	16	160
Tetrachloroethene	9.6	96
Trans-1,2-dichloroethene	32	320
Trichloroethene	0.37	3.7
Vinyl chloride	0.28	2.8
Helium	Please Report to the MRL	Please Report to the MRL

Please give me a call if you have any questions regarding this request.

Regards,

Thomas Ashton

503-501-5201

8/19/2013

Mr. Thomas Ashton
Maul Foster and Alongi Inc.
2001 NW 19th Ave
Suite 200
Portland OR 97209

Project Name: Park Laundry
Project #: 8006.31.01
Workorder #: 1308172A

Dear Mr. Thomas Ashton

The following report includes the data for the above referenced project for sample(s) received on 8/6/2013 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 SIM are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kelly Buettner
Project Manager

WORK ORDER #: 1308172A

Work Order Summary

CLIENT:	Mr. Thomas Ashton Maul Foster and Alongi Inc. 2001 NW 19th Ave Suite 200 Portland, OR 97209	BILL TO:	Accounts Payable Maul Foster and Alongi Inc. 400 E. Mill Plain Blvd Suite 400 Vancouver, WA 98660
PHONE:	971-544-2139	P.O. #	
FAX:	971-544-2140	PROJECT #	8006.31.01 Park Laundry
DATE RECEIVED:	08/06/2013	CONTACT:	Kelly Buettner
DATE COMPLETED:	08/19/2013		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	13-IA2-073013	Modified TO-15 SIM	1.0 "Hg	5 psi
02A	13-IA1-073013	Modified TO-15 SIM	5.4 "Hg	5 psi
03A	5-IA3-073013	Modified TO-15 SIM	4.4 "Hg	5 psi
05A	11-IA2-072913	Modified TO-15 SIM	3.2 "Hg	5 psi
06A	11-IA3-072913	Modified TO-15 SIM	3.2 "Hg	5 psi
08A	11-IA1-072913	Modified TO-15 SIM	3.2 "Hg	5 psi
10A	9-IA1-072913	Modified TO-15 SIM	3.2 "Hg	5 psi
11A	7-IA2-072913	Modified TO-15 SIM	2.0 "Hg	5 psi
12A	7-IA1-072913	Modified TO-15 SIM	4.2 "Hg	5 psi
13A	9-IA2-072913	Modified TO-15 SIM	2.8 "Hg	5 psi
14A	10-IA2-072913	Modified TO-15 SIM	3.4 "Hg	5 psi
15A	10-CS1-072913	Modified TO-15 SIM	3.4 "Hg	5 psi
17A	1-IA2-072913	Modified TO-15 SIM	4.0 "Hg	5 psi
18A	1-IA1-072913	Modified TO-15 SIM	4.5 "Hg	5 psi
19A	Lab Blank	Modified TO-15 SIM	NA	NA
19B	Lab Blank	Modified TO-15 SIM	NA	NA
20A	CCV	Modified TO-15 SIM	NA	NA
20B	CCV	Modified TO-15 SIM	NA	NA
21A	LCS	Modified TO-15 SIM	NA	NA
21AA	LCS	Modified TO-15 SIM	NA	NA
21B	LCS	Modified TO-15 SIM	NA	NA
21BB	LCS	Modified TO-15 SIM	NA	NA

CERTIFIED BY: 

DATE: 08/19/13

Technical Director

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291, TX NELAP - T104704434-12-4, UT NELAP CA009332012-3, WA NELAP - C935

Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)

Accreditation number: CA300005, Effective date: 10/18/2012, Expiration date: 10/17/2013.

Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
(916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020



LABORATORY NARRATIVE
Modified TO-15 SIM
Maul Foster and Alongi Inc.
Workorder# 1308172A

Fourteen 6 Liter Summa Canister (SIM Certified) samples were received on August 06, 2013. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
ICAL %RSD acceptance criteria	</=30% RSD with 2 compounds allowed out to < 40% RSD	Project specific; default criteria is </=30% RSD with 10% of compounds allowed out to < 40% RSD
Daily Calibration	+/- 30% Difference	Project specific; default criteria is </= 30% Difference with 10% of compounds allowed out up to </=40%.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

As per project specific client request, the laboratory has reported estimated values for target compound 1,2-Dichloroethane that are below the Reporting Limit but greater than the Method Detection Limit. All the canisters used for this project have been certified to the Reporting Limit for the target analytes included in this workorder. Concentrations that are below the level at which the canister was certified may be false positives.

Dilution was performed on sample 9-IA1-072913 due to the presence of high level non-target species.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue



MODIFIED EPA METHOD TO-15 GC/MS SIM

Park Laundry

Client ID:	13-IA2-073013	Date/Time Analyzed:	8/13/13 09:23 PM
Lab ID:	1308172A-01A	Dilution Factor:	1.39
Date/Time Collecte	7/30/13 01:39 PM	Instrument/File name:	msdc.i / c081315sim
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	0.0024	0.022	0.11	Not Detected
1,1-Dichloroethene	75-35-4	0.0022	0.022	0.055	Not Detected
1,2-Dichloroethane	107-06-2	0.024	0.024	0.11	2.2
Chloroethane	75-00-3	0.010	NA	0.18	Not Detected
cis-1,2-Dichloroethene	156-59-2	0.0098	0.022	0.11	Not Detected
Tetrachloroethene	127-18-4	0.011	0.038	0.19	0.36
trans-1,2-Dichloroethene	156-60-5	0.013	0.022	0.55	Not Detected
Trichloroethene	79-01-6	0.0060	0.030	0.15	Not Detected
Vinyl Chloride	75-01-4	0.0048	0.014	0.036	Not Detected

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	107
4-Bromofluorobenzene	460-00-4	70-130	97
Toluene-d8	2037-26-5	70-130	104



Air Toxics

MODIFIED EPA METHOD TO-15 GC/MS SIM
Park Laundry

Client ID:	13-IA1-073013	Date/Time Analyzed:	8/13/13 09:59 PM
Lab ID:	1308172A-02A	Dilution Factor:	1.63
Date/Time Collecte	7/30/13 01:36 PM	Instrument/Filename:	msdc.i / c081316sim
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	0.0028	0.026	0.13	Not Detected
1,1-Dichloroethene	75-35-4	0.0026	0.026	0.065	Not Detected
1,2-Dichloroethane	107-06-2	0.028	0.028	0.13	0.57
Chloroethane	75-00-3	0.012	NA	0.22	Not Detected
cis-1,2-Dichloroethene	156-59-2	0.012	0.026	0.13	Not Detected
Tetrachloroethene	127-18-4	0.013	0.044	0.22	Not Detected
trans-1,2-Dichloroethene	156-60-5	0.016	0.026	0.65	Not Detected
Trichloroethene	79-01-6	0.0071	0.035	0.18	Not Detected
Vinyl Chloride	75-01-4	0.0056	0.017	0.042	Not Detected

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	105
4-Bromofluorobenzene	460-00-4	70-130	96
Toluene-d8	2037-26-5	70-130	104



MODIFIED EPA METHOD TO-15 GC/MS SIM
Park Laundry

Client ID:	5-IA3-073013	Date/Time Analyzed:	8/13/13 10:47 PM
Lab ID:	1308172A-03A	Dilution Factor:	1.57
Date/Time Collecte	7/30/13 10:14 AM	Instrument/File name:	msdc.i / c081317sim
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	0.0027	0.025	0.13	Not Detected
1,1-Dichloroethene	75-35-4	0.0025	0.025	0.062	Not Detected
1,2-Dichloroethane	107-06-2	0.027	0.027	0.13	0.15
Chloroethane	75-00-3	0.011	NA	0.21	Not Detected
cis-1,2-Dichloroethene	156-59-2	0.011	0.025	0.12	Not Detected
Tetrachloroethene	127-18-4	0.013	0.042	0.21	0.81
trans-1,2-Dichloroethene	156-60-5	0.015	0.025	0.62	Not Detected
Trichloroethene	79-01-6	0.0068	0.034	0.17	0.68
Vinyl Chloride	75-01-4	0.0054	0.016	0.040	Not Detected

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	105
4-Bromofluorobenzene	460-00-4	70-130	99
Toluene-d8	2037-26-5	70-130	105



Air Toxics

MODIFIED EPA METHOD TO-15 GC/MS SIM
Park Laundry

Client ID:	11-IA2-072913	Date/Time Analyzed:	8/14/13 06:00 AM
Lab ID:	1308172A-05A	Dilution Factor:	1.50
Date/Time Collecte	7/29/13 12:36 PM	Instrument/Filename:	msdc.i / c081318sim
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	0.0026	0.024	0.12	Not Detected
1,1-Dichloroethene	75-35-4	0.0024	0.024	0.059	Not Detected
1,2-Dichloroethane	107-06-2	0.025	0.026	0.12	0.54
Chloroethane	75-00-3	0.011	NA	0.20	Not Detected
cis-1,2-Dichloroethene	156-59-2	0.010	0.024	0.12	Not Detected
Tetrachloroethene	127-18-4	0.012	0.041	0.20	Not Detected
trans-1,2-Dichloroethene	156-60-5	0.014	0.024	0.59	Not Detected
Trichloroethene	79-01-6	0.0065	0.032	0.16	Not Detected
Vinyl Chloride	75-01-4	0.0052	0.015	0.038	Not Detected

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	105
4-Bromofluorobenzene	460-00-4	70-130	95
Toluene-d8	2037-26-5	70-130	105



MODIFIED EPA METHOD TO-15 GC/MS SIM

Park Laundry

Client ID:	11-IA3-072913	Date/Time Analyzed:	8/14/13 06:36 AM
Lab ID:	1308172A-06A	Dilution Factor:	1.50
Date/Time Collecte	7/29/13 12:38 PM	Instrument/Filename:	msdc.i / c081319sim
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	0.0026	0.024	0.12	Not Detected
1,1-Dichloroethene	75-35-4	0.0024	0.024	0.059	Not Detected
1,2-Dichloroethane	107-06-2	0.025	0.026	0.12	0.39
Chloroethane	75-00-3	0.011	NA	0.20	Not Detected
cis-1,2-Dichloroethene	156-59-2	0.010	0.024	0.12	Not Detected
Tetrachloroethene	127-18-4	0.012	0.041	0.20	0.29
trans-1,2-Dichloroethene	156-60-5	0.014	0.024	0.59	Not Detected
Trichloroethene	79-01-6	0.0065	0.032	0.16	Not Detected
Vinyl Chloride	75-01-4	0.0052	0.015	0.038	Not Detected

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	105
4-Bromofluorobenzene	460-00-4	70-130	94
Toluene-d8	2037-26-5	70-130	104



MODIFIED EPA METHOD TO-15 GC/MS SIM

Park Laundry

Client ID:	11-IA1-072913	Date/Time Analyzed:	8/14/13 07:11 AM
Lab ID:	1308172A-08A	Dilution Factor:	1.50
Date/Time Collecte	7/29/13 12:34 PM	Instrument/Filename:	msdc.i / c081320sim
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	0.0026	0.024	0.12	Not Detected
1,1-Dichloroethene	75-35-4	0.0024	0.024	0.059	Not Detected
1,2-Dichloroethane	107-06-2	0.025	0.026	0.12	0.54
Chloroethane	75-00-3	0.011	NA	0.20	Not Detected
cis-1,2-Dichloroethene	156-59-2	0.010	0.024	0.12	Not Detected
Tetrachloroethene	127-18-4	0.012	0.041	0.20	0.46
trans-1,2-Dichloroethene	156-60-5	0.014	0.024	0.59	Not Detected
Trichloroethene	79-01-6	0.0065	0.032	0.16	Not Detected
Vinyl Chloride	75-01-4	0.0052	0.015	0.038	0.074

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	105
4-Bromofluorobenzene	460-00-4	70-130	94
Toluene-d8	2037-26-5	70-130	104



MODIFIED EPA METHOD TO-15 GC/MS SIM
Park Laundry

Client ID:	9-IA1-072913	Date/Time Analyzed:	8/14/13 07:59 AM
Lab ID:	1308172A-10A	Dilution Factor:	3.12
Date/Time Collecte	7/29/13 10:51 AM	Instrument/Filename:	msdc.i / c081321sim
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	0.0054	0.050	0.25	Not Detected
1,1-Dichloroethene	75-35-4	0.0049	0.049	0.12	Not Detected
1,2-Dichloroethane	107-06-2	0.053	0.053	0.25	0.47
Chloroethane	75-00-3	0.023	NA	0.41	Not Detected
cis-1,2-Dichloroethene	156-59-2	0.022	0.049	0.25	Not Detected
Tetrachloroethene	127-18-4	0.026	0.085	0.42	1.1
trans-1,2-Dichloroethene	156-60-5	0.030	0.049	1.2	Not Detected
Trichloroethene	79-01-6	0.014	0.067	0.34	1.3
Vinyl Chloride	75-01-4	0.011	0.032	0.080	0.083

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	102
4-Bromofluorobenzene	460-00-4	70-130	93
Toluene-d8	2037-26-5	70-130	103

MODIFIED EPA METHOD TO-15 GC/MS SIM
Park Laundry

Client ID:	7-IA2-072913	Date/Time Analyzed:	8/14/13 12:53 PM
Lab ID:	1308172A-11A	Dilution Factor:	1.44
Date/Time Collecte	7/29/13 10:05 AM	Instrument/Filename:	msdc.i / c081407sim
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	0.0025	0.023	0.12	Not Detected
1,1-Dichloroethene	75-35-4	0.0023	0.023	0.057	Not Detected
1,2-Dichloroethane	107-06-2	0.024	0.024	0.12	0.10 J
Chloroethane	75-00-3	0.010	NA	0.19	Not Detected
cis-1,2-Dichloroethene	156-59-2	0.010	0.023	0.11	Not Detected
Tetrachloroethene	127-18-4	0.012	0.039	0.20	Not Detected
trans-1,2-Dichloroethene	156-60-5	0.014	0.023	0.57	Not Detected
Trichloroethene	79-01-6	0.0063	0.031	0.15	Not Detected
Vinyl Chloride	75-01-4	0.0050	0.015	0.037	Not Detected

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	106
4-Bromofluorobenzene	460-00-4	70-130	97
Toluene-d8	2037-26-5	70-130	103

MODIFIED EPA METHOD TO-15 GC/MS SIM
Park Laundry

Client ID:	7-IA1-072913	Date/Time Analyzed:	8/14/13 01:46 PM
Lab ID:	1308172A-12A	Dilution Factor:	1.56
Date/Time Collecte	7/29/13 10:04 AM	Instrument/Filename:	msdc.i / c081408sim
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	0.0027	0.025	0.13	Not Detected
1,1-Dichloroethene	75-35-4	0.0025	0.025	0.062	Not Detected
1,2-Dichloroethane	107-06-2	0.026	0.026	0.13	0.076 J
Chloroethane	75-00-3	0.011	NA	0.20	Not Detected
cis-1,2-Dichloroethene	156-59-2	0.011	0.025	0.12	Not Detected
Tetrachloroethene	127-18-4	0.013	0.042	0.21	Not Detected
trans-1,2-Dichloroethene	156-60-5	0.015	0.025	0.62	Not Detected
Trichloroethene	79-01-6	0.0068	0.034	0.17	Not Detected
Vinyl Chloride	75-01-4	0.0054	0.016	0.040	Not Detected

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	106
4-Bromofluorobenzene	460-00-4	70-130	98
Toluene-d8	2037-26-5	70-130	104



Air Toxics

MODIFIED EPA METHOD TO-15 GC/MS SIM
Park Laundry

Client ID:	9-IA2-072913	Date/Time Analyzed:	8/14/13 02:33 PM
Lab ID:	1308172A-13A	Dilution Factor:	1.48
Date/Time Collecte	7/29/13 10:43 AM	Instrument/Filename:	msdc.i / c081409sim
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	0.0026	0.024	0.12	Not Detected
1,1-Dichloroethene	75-35-4	0.0023	0.023	0.059	Not Detected
1,2-Dichloroethane	107-06-2	0.025	0.025	0.12	0.14
Chloroethane	75-00-3	0.011	NA	0.20	Not Detected
cis-1,2-Dichloroethene	156-59-2	0.010	0.023	0.12	Not Detected
Tetrachloroethene	127-18-4	0.012	0.040	0.20	Not Detected
trans-1,2-Dichloroethene	156-60-5	0.014	0.023	0.59	Not Detected
Trichloroethene	79-01-6	0.0064	0.032	0.16	Not Detected
Vinyl Chloride	75-01-4	0.0051	0.015	0.038	Not Detected

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	105
4-Bromofluorobenzene	460-00-4	70-130	97
Toluene-d8	2037-26-5	70-130	103



Air Toxics

MODIFIED EPA METHOD TO-15 GC/MS SIM
Park Laundry

Client ID:	10-IA2-072913	Date/Time Analyzed:	8/14/13 03:25 PM
Lab ID:	1308172A-14A	Dilution Factor:	1.51
Date/Time Collecte	7/29/13 11:46 AM	Instrument/Filename:	msdc.i / c081410sim
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	0.0026	0.024	0.12	Not Detected
1,1-Dichloroethene	75-35-4	0.0024	0.024	0.060	Not Detected
1,2-Dichloroethane	107-06-2	0.026	0.026	0.12	0.33
Chloroethane	75-00-3	0.011	NA	0.20	Not Detected
cis-1,2-Dichloroethene	156-59-2	0.011	0.024	0.12	Not Detected
Tetrachloroethene	127-18-4	0.012	0.041	0.20	Not Detected
trans-1,2-Dichloroethene	156-60-5	0.014	0.024	0.60	Not Detected
Trichloroethene	79-01-6	0.0066	0.032	0.16	Not Detected
Vinyl Chloride	75-01-4	0.0052	0.015	0.038	Not Detected

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	106
4-Bromofluorobenzene	460-00-4	70-130	96
Toluene-d8	2037-26-5	70-130	104

MODIFIED EPA METHOD TO-15 GC/MS SIM
Park Laundry

Client ID:	10-CS1-072913	Date/Time Analyzed:	8/14/13 04:12 PM
Lab ID:	1308172A-15A	Dilution Factor:	1.51
Date/Time Collecte	7/29/13 11:48 AM	Instrument/Filename:	msdc.i / c081411sim
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	0.0026	0.024	0.12	Not Detected
1,1-Dichloroethene	75-35-4	0.0024	0.024	0.060	Not Detected
1,2-Dichloroethane	107-06-2	0.026	0.026	0.12	0.055 J
Chloroethane	75-00-3	0.011	NA	0.20	Not Detected
cis-1,2-Dichloroethene	156-59-2	0.011	0.024	0.12	Not Detected
Tetrachloroethene	127-18-4	0.012	0.041	0.20	Not Detected
trans-1,2-Dichloroethene	156-60-5	0.014	0.024	0.60	Not Detected
Trichloroethene	79-01-6	0.0066	0.032	0.16	Not Detected
Vinyl Chloride	75-01-4	0.0052	0.015	0.038	Not Detected

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	107
4-Bromofluorobenzene	460-00-4	70-130	99
Toluene-d8	2037-26-5	70-130	104



Air Toxics

MODIFIED EPA METHOD TO-15 GC/MS SIM
Park Laundry

Client ID:	1-IA2-072913	Date/Time Analyzed:	8/14/13 05:36 PM
Lab ID:	1308172A-17A	Dilution Factor:	1.55
Date/Time Collecte	7/29/13 12:03 PM	Instrument/Filename:	msdc.i / c081413sim
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	0.0027	0.025	0.12	Not Detected
1,1-Dichloroethene	75-35-4	0.0024	0.024	0.061	Not Detected
1,2-Dichloroethane	107-06-2	0.026	0.026	0.12	0.074 J
Chloroethane	75-00-3	0.011	NA	0.20	Not Detected
cis-1,2-Dichloroethene	156-59-2	0.011	0.024	0.12	Not Detected
Tetrachloroethene	127-18-4	0.013	0.042	0.21	Not Detected
trans-1,2-Dichloroethene	156-60-5	0.015	0.024	0.61	Not Detected
Trichloroethene	79-01-6	0.0067	0.033	0.17	0.47
Vinyl Chloride	75-01-4	0.0053	0.016	0.040	Not Detected

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	108
4-Bromofluorobenzene	460-00-4	70-130	96
Toluene-d8	2037-26-5	70-130	104



Air Toxics

MODIFIED EPA METHOD TO-15 GC/MS SIM
Park Laundry

Client ID:	1-IA1-072913	Date/Time Analyzed:	8/14/13 06:18 PM
Lab ID:	1308172A-18A	Dilution Factor:	1.58
Date/Time Collecte	7/29/13 12:00 PM	Instrument/Filename:	msdc.i / c081414sim
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	0.0028	0.026	0.13	Not Detected
1,1-Dichloroethene	75-35-4	0.0025	0.025	0.063	Not Detected
1,2-Dichloroethane	107-06-2	0.027	0.027	0.13	0.17
Chloroethane	75-00-3	0.012	NA	0.21	Not Detected
cis-1,2-Dichloroethene	156-59-2	0.011	0.025	0.12	Not Detected
Tetrachloroethene	127-18-4	0.013	0.043	0.21	Not Detected
trans-1,2-Dichloroethene	156-60-5	0.015	0.025	0.63	Not Detected
Trichloroethene	79-01-6	0.0069	0.034	0.17	2.2
Vinyl Chloride	75-01-4	0.0054	0.016	0.040	Not Detected

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	111
4-Bromofluorobenzene	460-00-4	70-130	97
Toluene-d8	2037-26-5	70-130	102



Air Toxics

MODIFIED EPA METHOD TO-15 GC/MS SIM
Park Laundry

Client ID:	Lab Blank	Date/Time Analyzed:	8/13/13 01:05 PM
Lab ID:	1308172A-19A	Dilution Factor:	1.00
Date/Time Collecte	NA - Not Applicable	Instrument/Filename:	msdc.i / c081306simc
Media:	NA - Not Applicable		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	0.0017	0.016	0.081	Not Detected
1,1-Dichloroethene	75-35-4	0.0016	0.016	0.040	Not Detected
1,2-Dichloroethane	107-06-2	0.017	0.017	0.081	Not Detected
Chloroethane	75-00-3	0.0073	NA	0.13	Not Detected
cis-1,2-Dichloroethene	156-59-2	0.0070	0.016	0.079	Not Detected
Tetrachloroethene	127-18-4	0.0082	0.027	0.14	Not Detected
trans-1,2-Dichloroethene	156-60-5	0.0095	0.016	0.40	Not Detected
Trichloroethene	79-01-6	0.0044	0.022	0.11	Not Detected
Vinyl Chloride	75-01-4	0.0034	0.010	0.026	Not Detected

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	105
4-Bromofluorobenzene	460-00-4	70-130	96
Toluene-d8	2037-26-5	70-130	103

MODIFIED EPA METHOD TO-15 GC/MS SIM
Park Laundry

Client ID:	Lab Blank	Date/Time Analyzed:	8/14/13 12:03 PM
Lab ID:	1308172A-19B	Dilution Factor:	1.00
Date/Time Collecte	NA - Not Applicable	Instrument/Filename:	msdc.i / c081406sima
Media:	NA - Not Applicable		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	0.0017	0.016	0.081	Not Detected
1,1-Dichloroethene	75-35-4	0.0016	0.016	0.040	Not Detected
1,2-Dichloroethane	107-06-2	0.017	0.017	0.081	Not Detected
Chloroethane	75-00-3	0.0073	NA	0.13	Not Detected
cis-1,2-Dichloroethene	156-59-2	0.0070	0.016	0.079	Not Detected
Tetrachloroethene	127-18-4	0.0082	0.027	0.14	Not Detected
trans-1,2-Dichloroethene	156-60-5	0.0095	0.016	0.40	Not Detected
Trichloroethene	79-01-6	0.0044	0.022	0.11	Not Detected
Vinyl Chloride	75-01-4	0.0034	0.010	0.026	Not Detected

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	104
4-Bromofluorobenzene	460-00-4	70-130	96
Toluene-d8	2037-26-5	70-130	103

MODIFIED EPA METHOD TO-15 GC/MS SIM
Park Laundry

Client ID:	CCV	Date/Time Analyzed:	8/13/13 09:17 AM
Lab ID:	1308172A-20A	Dilution Factor:	1.00
Date/Time Collecte	NA - Not Applicable	Instrument/Filename:	msdc.i / c081302sim
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
1,1-Dichloroethane	75-34-3	99
1,1-Dichloroethene	75-35-4	96
1,2-Dichloroethane	107-06-2	102
Chloroethane	75-00-3	97
cis-1,2-Dichloroethene	156-59-2	92
Tetrachloroethene	127-18-4	101
trans-1,2-Dichloroethene	156-60-5	95
Trichloroethene	79-01-6	95
Vinyl Chloride	75-01-4	90

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	106
4-Bromofluorobenzene	460-00-4	70-130	105
Toluene-d8	2037-26-5	70-130	92

MODIFIED EPA METHOD TO-15 GC/MS SIM
Park Laundry

Client ID:	CCV	Date/Time Analyzed:	8/14/13 08:59 AM
Lab ID:	1308172A-20B	Dilution Factor:	1.00
Date/Time Collecte	NA - Not Applicable	Instrument/Filename:	msdc.i / c081402sim
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
1,1-Dichloroethane	75-34-3	99
1,1-Dichloroethene	75-35-4	100
1,2-Dichloroethane	107-06-2	103
Chloroethane	75-00-3	97
cis-1,2-Dichloroethene	156-59-2	92
Tetrachloroethene	127-18-4	99
trans-1,2-Dichloroethene	156-60-5	97
Trichloroethene	79-01-6	94
Vinyl Chloride	75-01-4	86

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	107
4-Bromofluorobenzene	460-00-4	70-130	108
Toluene-d8	2037-26-5	70-130	93

MODIFIED EPA METHOD TO-15 GC/MS SIM
Park Laundry

Client ID:	LCS	Date/Time Analyzed:	8/13/13 10:07 AM
Lab ID:	1308172A-21A	Dilution Factor:	1.00
Date/Time Collecte	NA - Not Applicable	Instrument/Filename:	msdc.i / c081303sim
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
1,1-Dichloroethane	75-34-3	100
1,1-Dichloroethene	75-35-4	107
1,2-Dichloroethane	107-06-2	104
Chloroethane	75-00-3	100
cis-1,2-Dichloroethene	156-59-2	95
Tetrachloroethene	127-18-4	100
trans-1,2-Dichloroethene	156-60-5	110
Trichloroethene	79-01-6	96
Vinyl Chloride	75-01-4	92

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	108
4-Bromofluorobenzene	460-00-4	70-130	110
Toluene-d8	2037-26-5	70-130	93

* % Recovery is calculated using unrounded analytical results.

MODIFIED EPA METHOD TO-15 GC/MS SIM
Park Laundry

Client ID:	LCSD	Date/Time Analyzed:	8/13/13 10:57 AM
Lab ID:	1308172A-21AA	Dilution Factor:	1.00
Date/Time Collecte	NA - Not Applicable	Instrument/Filename:	msdc.i / c081304sim
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
1,1-Dichloroethane	75-34-3	100
1,1-Dichloroethene	75-35-4	107
1,2-Dichloroethane	107-06-2	104
Chloroethane	75-00-3	98
cis-1,2-Dichloroethene	156-59-2	94
Tetrachloroethene	127-18-4	100
trans-1,2-Dichloroethene	156-60-5	109
Trichloroethene	79-01-6	96
Vinyl Chloride	75-01-4	91

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	107
4-Bromofluorobenzene	460-00-4	70-130	108
Toluene-d8	2037-26-5	70-130	92

* % Recovery is calculated using unrounded analytical results.

MODIFIED EPA METHOD TO-15 GC/MS SIM
Park Laundry

Client ID:	LCS	Date/Time Analyzed:	8/14/13 09:41 AM
Lab ID:	1308172A-21B	Dilution Factor:	1.00
Date/Time Collecte	NA - Not Applicable	Instrument/Filename:	msdc.i / c081403sim
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
1,1-Dichloroethane	75-34-3	100
1,1-Dichloroethene	75-35-4	109
1,2-Dichloroethane	107-06-2	106
Chloroethane	75-00-3	102
cis-1,2-Dichloroethene	156-59-2	95
Tetrachloroethene	127-18-4	100
trans-1,2-Dichloroethene	156-60-5	112
Trichloroethene	79-01-6	96
Vinyl Chloride	75-01-4	90

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	108
4-Bromofluorobenzene	460-00-4	70-130	110
Toluene-d8	2037-26-5	70-130	93

* % Recovery is calculated using unrounded analytical results.

MODIFIED EPA METHOD TO-15 GC/MS SIM
Park Laundry

Client ID:	LCSD	Date/Time Analyzed:	8/14/13 10:23 AM
Lab ID:	1308172A-21BB	Dilution Factor:	1.00
Date/Time Collecte	NA - Not Applicable	Instrument/Filename:	msdc.i / c081404sim
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
1,1-Dichloroethane	75-34-3	100
1,1-Dichloroethene	75-35-4	110
1,2-Dichloroethane	107-06-2	106
Chloroethane	75-00-3	103
cis-1,2-Dichloroethene	156-59-2	95
Tetrachloroethene	127-18-4	100
trans-1,2-Dichloroethene	156-60-5	112
Trichloroethene	79-01-6	96
Vinyl Chloride	75-01-4	91

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	107
4-Bromofluorobenzene	460-00-4	70-130	111
Toluene-d8	2037-26-5	70-130	95

* % Recovery is calculated using unrounded analytical results.



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager B. H. Beadie
 Collected by: (Print and Sign) Thomas Ashton
 Company MFA Email tashton@mafi.foster.com
 Address 2001 NW 19th Ave City Portland State OR Zip 97209
 Phone 503-541-5204 Fax 503-541-5204

Project Info:	Turn Around Time:	Lab Use Only
	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	Pressurized by: Date: Pressurization Gas: N ₂ He
P.O. #		
Project # <u>8006.31.01</u>		
Project Name <u>Park Laundry</u>		

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
	11-552-073113	35649	7/31/13	12:52	TO-15 SIM Sec Notes	-29	-5		
	11-551-073113	37713	7/31/13	13:39		-30	-5		
01A	13-IA2-073013	33376	7/30/13	13:39		-30	-2.5		
02A	13-IA1-073013	1588	7/30/13	13:36		-30	-5.5		
03A	5-IA3-073013	4214	7/30/13	10:14		-29	-5		
	0A3-073013	12957	7/30/13	13:22	Hold	-30	-5		
05A	11-IA2-072913	33909	7/29/13	12:36	TO-15 SIM Sec Notes	-30	-3		
06A	11-IA3-072913	11026	7/29/13	12:38		-29	-3.5		
	0A1-072913	5361	7/29/13	11:32	Hold	-30	-5		
08A	11-IA1-072913	5365	7/29/13	12:34	TO-15 SIM Sec Notes	-28	-4		

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>8/2/13 13:00</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>08/06/13 15:50</u>	Notes: <u>See attachment for list of compounds and reporting limits.</u>
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	<u>UPS</u>		<u>NA</u>	<u>Good</u>	Yes No <u>None</u>	<u>1305172</u>

WEST PRINTING & GRAPHICS (818) 704-6000



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager Bill Beadie
 Collected by: (Print and Sign) Thomas Ashton
 Company MFA Email tashton@mfa.com
 Address 2001 NW 19th Ave City Portland State OR Zip 97209
 Phone 503 501-5204 Fax

Project Info:	Turn Around Time:	Lab Use Only
	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	Pressurized by: Date: Pressurization Gas: N ₂ He
P.O. #		
Project # <u>8006.31.01</u>		
Project Name <u>Park Laundry</u>		

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
	0A2-072913	32109	7/29/13	11:25	Hold	-29.5	-5		
10A	9-IA1-072913	12938	7/29/13	10:51	TO-15 SIM <small>See Notes</small>	-28	-5		
11A	7-IA2-072913	5086	7/29/13	10:05		-29	-1		
12A	7-IA1-072913	14113	7/29/13	10:04		-30	-5		
13A	9-IA2-072913	13439	7/29/13	10:43		-30	-4		
14A	10-IA2-072913	1565	7/29/13	11:46		-30	-4.5		
15A	10-CS1-072913	12958	7/29/13	11:48		-30	-4		
	0A3-072913	10988	7/29/13	11:17	Hold	-29	-5		
17A	1-IA2-072913	10741	7/29/13	12:03	TO-15 SIM <small>See Notes</small>	-30	-5		
18A	1-IA1-072913	10978	7/29/13	12:00		-30	-5.5		

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>8/2/13 13:00</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>8/2/13 11:00</u>	Notes: <u>See attachment for list of compounds and reporting limits.</u>
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	<u>[Signature]</u>		<u>NA</u>	<u>Good</u>	Yes No <u>None</u>	<u>1308172</u>

WEST PRINTING & GRAPHICS (916) 704-6000

1308172

Attachment

MFA Project #8006.31.01

Here is the list of analytes with our screening values.

For all of the listed analytes, please ensure that the reported concentrations on the issued report(s) are below the screening values listed below. In most cases, the MRL will be below the screening value so the MRL should be reported. However, some samples may need the MDL reported instead, in order to attain a reported value below the screening value. Please use the MRL as the default reported value, unless the MDL is necessary.

Please assess the need to use the MRL or MDL on a sample by sample (and analyte by analyte) basis.

Analyte	Air Screening Values ($\mu\text{g}/\text{m}^3$) for 6-liter canisters	Soil Gas Screening Values ($\mu\text{g}/\text{m}^3$) for 1-liter canisters
1,1-dichloroethane	320	3200
1,1-dichloroethene	91	910
1,2-dichloroethane	0.096	0.96
Chloroethane	3	30
Cis-1,2-dichloroethene	16	160
Tetrachloroethene	9.6	96
Trans-1,2-dichloroethene	32	320
Trichloroethene	0.37	3.7
Vinyl chloride	0.28	2.8
Helium	Please Report to the MRL	Please Report to the MRL

Please give me a call if you have any questions regarding this request.

Regards,


Thomas Ashton
503-501-5204

8/22/2013

Mr. Thomas Ashton
Maul Foster and Alongi Inc.
2001 NW 19th Ave
Suite 200
Portland OR 97209

Project Name: Park Laundry

Project #: 8006.31.01

Workorder #: 1308172B

Dear Mr. Thomas Ashton

The following report includes the data for the above referenced project for sample(s) received on 8/6/2013 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 SIM are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kelly Buettner
Project Manager

WORK ORDER #: 1308172B

Work Order Summary

CLIENT:	Mr. Thomas Ashton Maul Foster and Alongi Inc. 2001 NW 19th Ave Suite 200 Portland, OR 97209	BILL TO:	Accounts Payable Maul Foster and Alongi Inc. 400 E. Mill Plain Blvd Suite 400 Vancouver, WA 98660
PHONE:	971-544-2139	P.O. #	
FAX:	971-544-2140	PROJECT #	8006.31.01 Park Laundry
DATE RECEIVED:	08/06/2013	CONTACT:	Kelly Buettner
DATE COMPLETED:	08/22/2013		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
04A	OA3-073013	Modified TO-15 SIM	4.8 "Hg	5 psi
16A	OA3-072913	Modified TO-15 SIM	3.0 "Hg	5 psi
17A	Lab Blank	Modified TO-15 SIM	NA	NA
18A	CCV	Modified TO-15 SIM	NA	NA
19A	LCS	Modified TO-15 SIM	NA	NA
19AA	LCSD	Modified TO-15 SIM	NA	NA

CERTIFIED BY: 
 Technical Director

DATE: 08/22/13

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NJ NELAP - CA016, NY NELAP - 11291, TX NELAP - T104704434-12-5, UT NELAP CA009332012-3, VA NELAP - 460197, WA NELAP - C935
 Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
 Accreditation number: CA300005, Effective date: 10/18/2012, Expiration date: 10/17/2013.

Eurofins Air Toxics Inc. certifies that the test results contained in this report meet all requirements of the NELAC standards

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180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
 (916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020



LABORATORY NARRATIVE
Modified TO-15 SIM
Maul Foster and Alongi Inc.
Workorder# 1308172B

Two 6 Liter Summa Canister (SIM Certified) samples were received on August 06, 2013. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to <math>< 40\%</math> RSD	Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to <math>< 40\%</math> RSD
Daily Calibration	+/- 30% Difference	Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

Samples OA3-073013 and OA3-072913 were removed from "Hold" and placed on "Active" status per client request on 8/14/2013 .

Analytical Notes

As per project specific client request the laboratory has reported estimated values for 1,2-Dichloroethane hits that are below the Reporting Limit but greater than the Method Detection Limit. All The canisters used for this project have been certified to the Reporting Limit for the target analytes included in this workorder. Concentrations that are below the level at which the canister was certified may be false positives.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

MODIFIED EPA METHOD TO-15 GC/MS SIM
Park Laundry

Client ID:	OA3-073013	Date/Time Analyzed:	8/15/13 02:43 PM
Lab ID:	1308172B-04A	Dilution Factor:	1.60
Date/Time Collecte	7/30/13 01:22 PM	Instrument/Filename:	msdc.i / c081509sim
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	0.0028	0.026	0.13	Not Detected
1,1-Dichloroethene	75-35-4	0.0025	0.025	0.063	Not Detected
1,2-Dichloroethane	107-06-2	0.027	0.027	0.13	0.061 J
Chloroethane	75-00-3	0.012	NA	0.21	Not Detected
cis-1,2-Dichloroethene	156-59-2	0.011	0.025	0.13	Not Detected
Tetrachloroethene	127-18-4	0.013	0.043	0.22	Not Detected
trans-1,2-Dichloroethene	156-60-5	0.015	0.025	0.63	Not Detected
Trichloroethene	79-01-6	0.0070	0.034	0.17	Not Detected
Vinyl Chloride	75-01-4	0.0055	0.016	0.041	Not Detected

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	106
4-Bromofluorobenzene	460-00-4	70-130	94
Toluene-d8	2037-26-5	70-130	104



Air Toxics

MODIFIED EPA METHOD TO-15 GC/MS SIM
Park Laundry

Client ID:	OA3-072913	Date/Time Analyzed:	8/15/13 04:08 PM
Lab ID:	1308172B-16A	Dilution Factor:	1.49
Date/Time Collecte	7/29/13 11:17 AM	Instrument/File name:	msdc.i / c081511sim
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	0.0026	0.024	0.12	Not Detected
1,1-Dichloroethene	75-35-4	0.0024	0.024	0.059	Not Detected
1,2-Dichloroethane	107-06-2	0.025	0.025	0.12	0.16
Chloroethane	75-00-3	0.011	NA	0.20	Not Detected
cis-1,2-Dichloroethene	156-59-2	0.010	0.024	0.12	Not Detected
Tetrachloroethene	127-18-4	0.012	0.040	0.20	0.63
trans-1,2-Dichloroethene	156-60-5	0.014	0.024	0.59	Not Detected
Trichloroethene	79-01-6	0.0065	0.032	0.16	0.26
Vinyl Chloride	75-01-4	0.0051	0.015	0.038	Not Detected

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	108
4-Bromofluorobenzene	460-00-4	70-130	95
Toluene-d8	2037-26-5	70-130	104



MODIFIED EPA METHOD TO-15 GC/MS SIM

Park Laundry

Client ID:	Lab Blank	Date/Time Analyzed:	8/15/13 12:04 PM
Lab ID:	1308172B-17A	Dilution Factor:	1.00
Date/Time Collecte	NA - Not Applicable	Instrument/Filename:	msdc.i / c081506csim
Media:	NA - Not Applicable		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	0.0017	0.016	0.081	Not Detected
1,1-Dichloroethene	75-35-4	0.0016	0.016	0.040	Not Detected
1,2-Dichloroethane	107-06-2	0.017	0.017	0.081	Not Detected
Chloroethane	75-00-3	0.0073	NA	0.13	Not Detected
cis-1,2-Dichloroethene	156-59-2	0.0070	0.016	0.079	Not Detected
Tetrachloroethene	127-18-4	0.0082	0.027	0.14	Not Detected
trans-1,2-Dichloroethene	156-60-5	0.0095	0.016	0.40	Not Detected
Trichloroethene	79-01-6	0.0044	0.022	0.11	Not Detected
Vinyl Chloride	75-01-4	0.0034	0.010	0.026	Not Detected

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	104
4-Bromofluorobenzene	460-00-4	70-130	96
Toluene-d8	2037-26-5	70-130	102

MODIFIED EPA METHOD TO-15 GC/MS SIM

Park Laundry

Client ID:	CCV	Date/Time Analyzed:	8/15/13 09:12 AM
Lab ID:	1308172B-18A	Dilution Factor:	1.00
Date/Time Collecte	NA - Not Applicable	Instrument/Filename:	msdc.i / c081502sim
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
1,1-Dichloroethane	75-34-3	99
1,1-Dichloroethene	75-35-4	97
1,2-Dichloroethane	107-06-2	102
Chloroethane	75-00-3	96
cis-1,2-Dichloroethene	156-59-2	92
Tetrachloroethene	127-18-4	98
trans-1,2-Dichloroethene	156-60-5	97
Trichloroethene	79-01-6	94
Vinyl Chloride	75-01-4	88

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	108
4-Bromofluorobenzene	460-00-4	70-130	108
Toluene-d8	2037-26-5	70-130	94

MODIFIED EPA METHOD TO-15 GC/MS SIM
Park Laundry

Client ID:	LCS	Date/Time Analyzed:	8/15/13 09:53 AM
Lab ID:	1308172B-19A	Dilution Factor:	1.00
Date/Time Collecte	NA - Not Applicable	Instrument/Filename:	msdc.i / c081503sim
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
1,1-Dichloroethane	75-34-3	98
1,1-Dichloroethene	75-35-4	108
1,2-Dichloroethane	107-06-2	104
Chloroethane	75-00-3	102
cis-1,2-Dichloroethene	156-59-2	94
Tetrachloroethene	127-18-4	98
trans-1,2-Dichloroethene	156-60-5	110
Trichloroethene	79-01-6	95
Vinyl Chloride	75-01-4	89

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	107
4-Bromofluorobenzene	460-00-4	70-130	109
Toluene-d8	2037-26-5	70-130	96

* % Recovery is calculated using unrounded analytical results.

MODIFIED EPA METHOD TO-15 GC/MS SIM
Park Laundry

Client ID:	LCS D	Date/Time Analyzed:	8/15/13 10:36 AM
Lab ID:	1308172B-19AA	Dilution Factor:	1.00
Date/Time Collecte	NA - Not Applicable	Instrument/Filename:	msdc.i / c081504sim
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
1,1-Dichloroethane	75-34-3	98
1,1-Dichloroethene	75-35-4	108
1,2-Dichloroethane	107-06-2	105
Chloroethane	75-00-3	100
cis-1,2-Dichloroethene	156-59-2	93
Tetrachloroethene	127-18-4	100
trans-1,2-Dichloroethene	156-60-5	110
Trichloroethene	79-01-6	95
Vinyl Chloride	75-01-4	88

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	107
4-Bromofluorobenzene	460-00-4	70-130	109
Toluene-d8	2037-26-5	70-130	93

* % Recovery is calculated using unrounded analytical results.



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager B.H. Beadle
 Collected by: (Print and Sign) Thomas Ashton
 Company MFA Email tashton@mwfoster.com
 Address 2001 NW 19th Ave City Portland State OR Zip 97209
 Phone 503-501-5204 Fax _____

Project Info:		Turn Around Time:	<i>Lab Use Only</i> Pressurized by: Date: Pressurization Gas: N ₂ He
P.O. # _____	Project # <u>8006.31.01</u>		
Project Name <u>Park Laundry</u>		<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush	

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
	11-552-073113	35644	7/31/13	12:52	TO-15 SIM <i>See notes</i>	-29	-5		
	11-551-073113	37713	7/31/13	13:39		-30	-5		
	13-IA2-073013	33376	7/30/13	13:59		-30	-2.5		
	13-IA1-073013	1588	7/30/13	13:36		-30	-5.5		
	5-IA3-073013	4214	7/30/13	10:14		-29	-5		
<u>04A</u>	0A3-073013	12957	7/30/13	13:22	Hold	-30	-5		
	11-IA2-072913	33909	7/29/13	12:36	TO-15 SIM <i>See notes</i>	-30	-3		
	11-IA3-072913	11026	7/29/13	12:38		-29	-3.5		
<u>04A</u>	0A1-072913	5361	7/29/13	11:32	Hold	-30	-5		
	11-IA1-072913	5365	7/29/13	12:34	TO-15 SIM <i>See notes</i>	-28	-4		

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>8/2/13 13:00</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>8/2/13 11:00</u>
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____

Notes:
See attachment for list of compounds and reporting limits.

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	<u>VPS</u>		<u>NA</u>	<u>good</u>	Yes No None	<u>1308172</u>

WEST PRINTING & GRAPHICS (916) 706-6020



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager Bill Beadie
 Collected by: (Print and Sign) Thomas Ashton
 Company MEA Email tash@mea.com
 Address 2001 NW 19th Ave City Portland State OR Zip 97209
 Phone 503-501-5204 Fax _____

Project Info:
 P.O. # _____
 Project # 8006.31.01
 Project Name Park Laundry

Turn Around Time:
 Normal
 Rush
specify
 Lab Use Only
 Pressurized by:
 Date:
 Pressurization Gas:
 N₂ He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psl)
8TA	0A2-072913	32109	7/29/13	11:25	Hold	-29.5	-5		
	9-IA1-072913	12938	7/29/13	10:57	TO-15 SIM <small>See notes</small>	-28	-5		
	7-IA2-072913	5086	7/29/13	10:05		-29	-1		
	7-IA1-072913	14113	7/29/13	10:04		-30	-5		
	9-IA2-072913	13439	7/29/13	10:43		-30	-4		
	10-IA2-072913	1565	7/29/13	11:46		-30	-4.5		
	10-C51-072913	12958	7/29/13	11:48		-30	-4		
16A	0A3-072913	10988	7/29/13	11:17	Hold	-29	-5		
	1-IA2-072913	10791	7/29/13	12:03	TO-15 SIM <small>See notes</small>	-30	-5		
	1-IA1-072913	10978	7/29/13	12:00		-30	-5.5		

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>8/2/13 13:00</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>ATL 08/06/13 1100</u>
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____

Notes:
 See attachment for list of compounds and reporting limits.

Lab Use Only	Shipper Name <u>CPS</u>	Air Bill # _____	Temp (°C) <u>N/A</u>	Condition <u>Good</u>	Custody Seals Intact? Yes No <u>None</u>	Work Order # <u>1308172</u>
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WEST PRINTING & GRAPHICS (916) 734-6000

1308172

Attachment

MFA Project #8006.31.01

Here is the list of analytes with our screening values.

For all of the listed analytes, please ensure that the reported concentrations on the issued report(s) are below the screening values listed below. In most cases, the MRL will be below the screening value so the MRL should be reported. However, some samples may need the MDL reported instead, in order to attain a reported value below the screening value. Please use the MRL as the default reported value, unless the MDL is necessary.

Please assess the need to use the MRL or MDL on a sample by sample (and analyte by analyte) basis.

Analyte	Air Screening Values ($\mu\text{g}/\text{m}^3$) for 6-liter canisters	Soil Gas Screening Values ($\mu\text{g}/\text{m}^3$) for 1-liter canisters
1,1-dichloroethane	320	3200
1,1-dichloroethene	91	910
1,2-dichloroethane	0.096	0.96
Chloroethane	3	30
Cis-1,2-dichloroethene	16	160
Tetrachloroethene	9.6	96
Trans-1,2-dichloroethene	32	320
Trichloroethene	0.37	3.7
Vinyl chloride	0.28	2.8
Helium	Please Report to the MRL	Please Report to the MRL

Please give me a call if you have any questions regarding this request.

Regards,



Thomas Ashton
503-501-5204

8/19/2013

Mr. Thomas Ashton
Maul Foster and Alongi Inc.
2001 NW 19th Ave
Suite 200
Portland OR 97209

Project Name: Park Laundry

Project #: 8006.31.01

Workorder #: 1308173A

Dear Mr. Thomas Ashton

The following report includes the data for the above referenced project for sample(s) received on 8/6/2013 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 SIM are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kelly Buettner at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kelly Buettner
Project Manager

WORK ORDER #: 1308173A

Work Order Summary

CLIENT:	Mr. Thomas Ashton Maul Foster and Alongi Inc. 2001 NW 19th Ave Suite 200 Portland, OR 97209	BILL TO:	Accounts Payable Maul Foster and Alongi Inc. 400 E. Mill Plain Blvd Suite 400 Vancouver, WA 98660
PHONE:	971-544-2139	P.O. #	
FAX:	971-544-2140	PROJECT #	8006.31.01 Park Laundry
DATE RECEIVED:	08/06/2013	CONTACT:	Kelly Buettner
DATE COMPLETED:	08/19/2013		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	10-IA1-072913	Modified TO-15 SIM	2.8 "Hg	4.9 psi
02A	1-IA3-072913	Modified TO-15 SIM	3.1 "Hg	4.9 psi
03A	27-IA1-073013	Modified TO-15 SIM	3.7 "Hg	5 psi
04A	27-IA2-073013	Modified TO-15 SIM	4.9 "Hg	5 psi
05A	28-IA1-073013	Modified TO-15 SIM	6.5 "Hg	5 psi
07A	27-CS1-073013	Modified TO-15 SIM	3.3 "Hg	4.9 psi
08A	28-IA2-073013	Modified TO-15 SIM	4.9 "Hg	5.1 psi
09A	28-IA3-073013	Modified TO-15 SIM	3.5 "Hg	4.9 psi
12A	5-IA2-073013	Modified TO-15 SIM	4.1 "Hg	4.8 psi
13A	5-IA1-073013	Modified TO-15 SIM	3.7 "Hg	5 psi
14A	Lab Blank	Modified TO-15 SIM	NA	NA
14B	Lab Blank	Modified TO-15 SIM	NA	NA
15A	CCV	Modified TO-15 SIM	NA	NA
15B	CCV	Modified TO-15 SIM	NA	NA
16A	LCS	Modified TO-15 SIM	NA	NA
16AA	LCSD	Modified TO-15 SIM	NA	NA
16B	LCS	Modified TO-15 SIM	NA	NA
16BB	LCSD	Modified TO-15 SIM	NA	NA

CERTIFIED BY: 
 Technical Director

DATE: 08/19/13

Certification numbers: AZ Licensure AZ0775, CA NELAP - 12282CA, NY NELAP - 11291,
 TX NELAP - T104704434-12-4, UT NELAP CA009332012-3, WA NELAP - C935

Name of Accrediting Agency: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
 Accreditation number: CA300005, Effective date: 10/18/2012, Expiration date: 10/17/2013.

Eurofins Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 9563
 (916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020



LABORATORY NARRATIVE
Modified TO-15 SIM
Maul Foster and Alongi Inc.
Workorder# 1308173A

Ten 6 Liter Summa Canister (SIM Certified) samples were received on August 06, 2013. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to <math>< 40\%</math> RSD	Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to <math>< 40\%</math> RSD
Daily Calibration	+ - 30% Difference	Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

As per project specific client request, the laboratory has reported estimated values for target compound 1,2-Dichloroethane that are below the Reporting Limit but greater than the Method Detection Limit. All the canisters used for this project have been certified to the Reporting Limit for the target analytes included in this workorder. Concentrations that are below the level at which the canister was certified may be false positives.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue



Air Toxics

MODIFIED EPA METHOD TO-15 GC/MS SIM

Park Laundry

Client ID:	10-IA1-072913	Date/Time Analyzed:	8/12/13 10:08 PM
Lab ID:	1308173A-01A	Dilution Factor:	1.47
Date/Time Collecte	7/29/13 11:46 AM	Instrument/File name:	msdc.i / c081216sim
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	0.0026	0.024	0.12	Not Detected
1,1-Dichloroethene	75-35-4	0.0023	0.023	0.058	Not Detected
1,2-Dichloroethane	107-06-2	0.025	0.025	0.12	0.37
Chloroethane	75-00-3	0.011	NA	0.19	Not Detected
cis-1,2-Dichloroethene	156-59-2	0.010	0.023	0.12	Not Detected
Tetrachloroethene	127-18-4	0.012	0.040	0.20	0.25
trans-1,2-Dichloroethene	156-60-5	0.014	0.023	0.58	Not Detected
Trichloroethene	79-01-6	0.0064	0.032	0.16	Not Detected
Vinyl Chloride	75-01-4	0.0051	0.015	0.038	Not Detected

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	104
4-Bromofluorobenzene	460-00-4	70-130	95
Toluene-d8	2037-26-5	70-130	104



MODIFIED EPA METHOD TO-15 GC/MS SIM
Park Laundry

Client ID:	1-IA3-072913	Date/Time Analyzed:	8/12/13 10:50 PM
Lab ID:	1308173A-02A	Dilution Factor:	1.48
Date/Time Collecte	7/29/13 12:04 PM	Instrument/Filename:	msdc.i / c081217sim
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	0.0026	0.024	0.12	Not Detected
1,1-Dichloroethene	75-35-4	0.0023	0.023	0.059	Not Detected
1,2-Dichloroethane	107-06-2	0.025	0.025	0.12	0.069 J
Chloroethane	75-00-3	0.011	NA	0.20	Not Detected
cis-1,2-Dichloroethene	156-59-2	0.010	0.023	0.12	Not Detected
Tetrachloroethene	127-18-4	0.012	0.040	0.20	Not Detected
trans-1,2-Dichloroethene	156-60-5	0.014	0.023	0.59	Not Detected
Trichloroethene	79-01-6	0.0064	0.032	0.16	0.29
Vinyl Chloride	75-01-4	0.0051	0.015	0.038	Not Detected

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	105
4-Bromofluorobenzene	460-00-4	70-130	96
Toluene-d8	2037-26-5	70-130	105



MODIFIED EPA METHOD TO-15 GC/MS SIM
Park Laundry

Client ID:	27-IA1-073013	Date/Time Analyzed:	8/13/13 05:57 AM
Lab ID:	1308173A-03A	Dilution Factor:	1.53
Date/Time Collecte	7/30/13 10:52 AM	Instrument/File name:	msdc.i / c081218sim
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	0.0027	0.025	0.12	Not Detected
1,1-Dichloroethene	75-35-4	0.0024	0.024	0.061	Not Detected
1,2-Dichloroethane	107-06-2	0.026	0.026	0.12	2.1
Chloroethane	75-00-3	0.011	NA	0.20	Not Detected
cis-1,2-Dichloroethene	156-59-2	0.011	0.024	0.12	Not Detected
Tetrachloroethene	127-18-4	0.012	0.042	0.21	1.1
trans-1,2-Dichloroethene	156-60-5	0.014	0.024	0.61	Not Detected
Trichloroethene	79-01-6	0.0067	0.033	0.16	Not Detected
Vinyl Chloride	75-01-4	0.0053	0.016	0.039	Not Detected

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	103
4-Bromofluorobenzene	460-00-4	70-130	96
Toluene-d8	2037-26-5	70-130	104



MODIFIED EPA METHOD TO-15 GC/MS SIM
Park Laundry

Client ID:	27-IA2-073013	Date/Time Analyzed:	8/13/13 07:03 AM
Lab ID:	1308173A-04A	Dilution Factor:	1.60
Date/Time Collecte	7/30/13 10:51 AM	Instrument/File name:	msdc.i / c081219sim
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	0.0028	0.026	0.13	Not Detected
1,1-Dichloroethene	75-35-4	0.0025	0.025	0.063	Not Detected
1,2-Dichloroethane	107-06-2	0.027	0.027	0.13	2.6
Chloroethane	75-00-3	0.012	NA	0.21	Not Detected
cis-1,2-Dichloroethene	156-59-2	0.011	0.025	0.13	Not Detected
Tetrachloroethene	127-18-4	0.013	0.043	0.22	1.2
trans-1,2-Dichloroethene	156-60-5	0.015	0.025	0.63	Not Detected
Trichloroethene	79-01-6	0.0070	0.034	0.17	Not Detected
Vinyl Chloride	75-01-4	0.0055	0.016	0.041	Not Detected

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	104
4-Bromofluorobenzene	460-00-4	70-130	96
Toluene-d8	2037-26-5	70-130	104



Air Toxics

MODIFIED EPA METHOD TO-15 GC/MS SIM
Park Laundry

Client ID:	28-IA1-073013	Date/Time Analyzed:	8/13/13 07:57 AM
Lab ID:	1308173A-05A	Dilution Factor:	1.71
Date/Time Collecte	7/30/13 12:01 PM	Instrument/File name:	msdc.i / c081220sim
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	0.0030	0.028	0.14	Not Detected
1,1-Dichloroethene	75-35-4	0.0027	0.027	0.068	Not Detected
1,2-Dichloroethane	107-06-2	0.029	0.029	0.14	0.32
Chloroethane	75-00-3	0.012	NA	0.22	Not Detected
cis-1,2-Dichloroethene	156-59-2	0.012	0.027	0.14	Not Detected
Tetrachloroethene	127-18-4	0.014	0.046	0.23	0.85
trans-1,2-Dichloroethene	156-60-5	0.016	0.027	0.68	Not Detected
Trichloroethene	79-01-6	0.0074	0.037	0.18	Not Detected
Vinyl Chloride	75-01-4	0.0059	0.017	0.044	Not Detected

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	105
4-Bromofluorobenzene	460-00-4	70-130	94
Toluene-d8	2037-26-5	70-130	103

MODIFIED EPA METHOD TO-15 GC/MS SIM
Park Laundry

Client ID:	27-CS1-073013	Date/Time Analyzed:	8/13/13 05:18 PM
Lab ID:	1308173A-07A	Dilution Factor:	1.50
Date/Time Collecte	7/30/13 10:52 AM	Instrument/Filename:	msdc.i / c081310sim
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	0.0026	0.024	0.12	Not Detected
1,1-Dichloroethene	75-35-4	0.0024	0.024	0.059	Not Detected
1,2-Dichloroethane	107-06-2	0.025	0.026	0.12	0.093 J
Chloroethane	75-00-3	0.011	NA	0.20	Not Detected
cis-1,2-Dichloroethene	156-59-2	0.010	0.024	0.12	Not Detected
Tetrachloroethene	127-18-4	0.012	0.041	0.20	Not Detected
trans-1,2-Dichloroethene	156-60-5	0.014	0.024	0.59	Not Detected
Trichloroethene	79-01-6	0.0065	0.032	0.16	0.17
Vinyl Chloride	75-01-4	0.0052	0.015	0.038	Not Detected

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	107
4-Bromofluorobenzene	460-00-4	70-130	96
Toluene-d8	2037-26-5	70-130	104



Air Toxics

MODIFIED EPA METHOD TO-15 GC/MS SIM
Park Laundry

Client ID:	28-IA2-073013	Date/Time Analyzed:	8/13/13 06:00 PM
Lab ID:	1308173A-08A	Dilution Factor:	1.61
Date/Time Collecte	7/30/13 12:03 PM	Instrument/Filename:	msdc.i / c081311sim
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	0.0028	0.026	0.13	Not Detected
1,1-Dichloroethene	75-35-4	0.0026	0.026	0.064	Not Detected
1,2-Dichloroethane	107-06-2	0.027	0.027	0.13	0.82
Chloroethane	75-00-3	0.012	NA	0.21	Not Detected
cis-1,2-Dichloroethene	156-59-2	0.011	0.026	0.13	Not Detected
Tetrachloroethene	127-18-4	0.013	0.044	0.22	0.30
trans-1,2-Dichloroethene	156-60-5	0.015	0.026	0.64	Not Detected
Trichloroethene	79-01-6	0.0070	0.035	0.17	Not Detected
Vinyl Chloride	75-01-4	0.0056	0.016	0.041	Not Detected

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	107
4-Bromofluorobenzene	460-00-4	70-130	96
Toluene-d8	2037-26-5	70-130	104



Air Toxics

MODIFIED EPA METHOD TO-15 GC/MS SIM
Park Laundry

Client ID:	28-IA3-073013	Date/Time Analyzed:	8/13/13 06:46 PM
Lab ID:	1308173A-09A	Dilution Factor:	1.51
Date/Time Collecte	7/30/13 12:06 PM	Instrument/Filename:	msdc.i / c081312sim
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	0.0026	0.024	0.12	Not Detected
1,1-Dichloroethene	75-35-4	0.0024	0.024	0.060	Not Detected
1,2-Dichloroethane	107-06-2	0.026	0.026	0.12	0.51
Chloroethane	75-00-3	0.011	NA	0.20	Not Detected
cis-1,2-Dichloroethene	156-59-2	0.011	0.024	0.12	Not Detected
Tetrachloroethene	127-18-4	0.012	0.041	0.20	0.27
trans-1,2-Dichloroethene	156-60-5	0.014	0.024	0.60	Not Detected
Trichloroethene	79-01-6	0.0066	0.032	0.16	Not Detected
Vinyl Chloride	75-01-4	0.0052	0.015	0.038	0.043

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	107
4-Bromofluorobenzene	460-00-4	70-130	96
Toluene-d8	2037-26-5	70-130	103

MODIFIED EPA METHOD TO-15 GC/MS SIM
Park Laundry

Client ID:	5-IA2-073013	Date/Time Analyzed:	8/13/13 07:22 PM
Lab ID:	1308173A-12A	Dilution Factor:	1.54
Date/Time Collecte	7/30/13 10:07 AM	Instrument/Filename:	msdc.i / c081313sim
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	0.0027	0.025	0.12	Not Detected
1,1-Dichloroethene	75-35-4	0.0024	0.024	0.061	Not Detected
1,2-Dichloroethane	107-06-2	0.026	0.026	0.12	0.081 J
Chloroethane	75-00-3	0.011	NA	0.20	Not Detected
cis-1,2-Dichloroethene	156-59-2	0.011	0.024	0.12	Not Detected
Tetrachloroethene	127-18-4	0.013	0.042	0.21	0.52
trans-1,2-Dichloroethene	156-60-5	0.015	0.024	0.61	Not Detected
Trichloroethene	79-01-6	0.0067	0.033	0.16	Not Detected
Vinyl Chloride	75-01-4	0.0053	0.016	0.039	Not Detected

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	105
4-Bromofluorobenzene	460-00-4	70-130	98
Toluene-d8	2037-26-5	70-130	104

MODIFIED EPA METHOD TO-15 GC/MS SIM
Park Laundry

Client ID:	5-IA1-073013	Date/Time Analyzed:	8/13/13 08:39 PM
Lab ID:	1308173A-13A	Dilution Factor:	1.53
Date/Time Collecte	7/30/13 10:18 AM	Instrument/Filename:	msdc.i / c081314sim
Media:	6 Liter Summa Canister (SIM Certified)		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	0.0027	0.025	0.12	Not Detected
1,1-Dichloroethene	75-35-4	0.0024	0.024	0.061	Not Detected
1,2-Dichloroethane	107-06-2	0.026	0.026	0.12	0.064 J
Chloroethane	75-00-3	0.011	NA	0.20	Not Detected
cis-1,2-Dichloroethene	156-59-2	0.011	0.024	0.12	Not Detected
Tetrachloroethene	127-18-4	0.012	0.042	0.21	0.44
trans-1,2-Dichloroethene	156-60-5	0.014	0.024	0.61	Not Detected
Trichloroethene	79-01-6	0.0067	0.033	0.16	Not Detected
Vinyl Chloride	75-01-4	0.0053	0.016	0.039	Not Detected

J = Estimated value.

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	106
4-Bromofluorobenzene	460-00-4	70-130	97
Toluene-d8	2037-26-5	70-130	103



Air Toxics

MODIFIED EPA METHOD TO-15 GC/MS SIM
Park Laundry

Client ID:	Lab Blank	Date/Time Analyzed:	8/12/13 12:32 PM
Lab ID:	1308173A-14A	Dilution Factor:	1.00
Date/Time Collecte	NA - Not Applicable	Instrument/Filename:	msdc.i / c081206sima
Media:	NA - Not Applicable		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	0.0017	0.016	0.081	Not Detected
1,1-Dichloroethene	75-35-4	0.0016	0.016	0.040	Not Detected
1,2-Dichloroethane	107-06-2	0.017	0.017	0.081	Not Detected
Chloroethane	75-00-3	0.0073	NA	0.13	Not Detected
cis-1,2-Dichloroethene	156-59-2	0.0070	0.016	0.079	Not Detected
Tetrachloroethene	127-18-4	0.0082	0.027	0.14	Not Detected
trans-1,2-Dichloroethene	156-60-5	0.0095	0.016	0.40	Not Detected
Trichloroethene	79-01-6	0.0044	0.022	0.11	Not Detected
Vinyl Chloride	75-01-4	0.0034	0.010	0.026	Not Detected

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	102
4-Bromofluorobenzene	460-00-4	70-130	96
Toluene-d8	2037-26-5	70-130	102



Air Toxics

MODIFIED EPA METHOD TO-15 GC/MS SIM
Park Laundry

Client ID:	Lab Blank	Date/Time Analyzed:	8/13/13 01:05 PM
Lab ID:	1308173A-14B	Dilution Factor:	1.00
Date/Time Collecte	NA - Not Applicable	Instrument/Filename:	msdc.i / c081306simc
Media:	NA - Not Applicable		

Compound	CAS#	MDL (ug/m3)	LOD (ug/m3)	Rpt. Limit (ug/m3)	Amount (ug/m3)
1,1-Dichloroethane	75-34-3	0.0017	0.016	0.081	Not Detected
1,1-Dichloroethene	75-35-4	0.0016	0.016	0.040	Not Detected
1,2-Dichloroethane	107-06-2	0.017	0.017	0.081	Not Detected
Chloroethane	75-00-3	0.0073	NA	0.13	Not Detected
cis-1,2-Dichloroethene	156-59-2	0.0070	0.016	0.079	Not Detected
Tetrachloroethene	127-18-4	0.0082	0.027	0.14	Not Detected
trans-1,2-Dichloroethene	156-60-5	0.0095	0.016	0.40	Not Detected
Trichloroethene	79-01-6	0.0044	0.022	0.11	Not Detected
Vinyl Chloride	75-01-4	0.0034	0.010	0.026	Not Detected

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	105
4-Bromofluorobenzene	460-00-4	70-130	96
Toluene-d8	2037-26-5	70-130	103

MODIFIED EPA METHOD TO-15 GC/MS SIM
Park Laundry

Client ID:	CCV	Date/Time Analyzed:	8/12/13 09:09 AM
Lab ID:	1308173A-15A	Dilution Factor:	1.00
Date/Time Collecte	NA - Not Applicable	Instrument/Filename:	msdc.i / c081202sim
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
1,1-Dichloroethane	75-34-3	97
1,1-Dichloroethene	75-35-4	95
1,2-Dichloroethane	107-06-2	100
Chloroethane	75-00-3	97
cis-1,2-Dichloroethene	156-59-2	92
Tetrachloroethene	127-18-4	106
trans-1,2-Dichloroethene	156-60-5	95
Trichloroethene	79-01-6	98
Vinyl Chloride	75-01-4	89

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	99
4-Bromofluorobenzene	460-00-4	70-130	103
Toluene-d8	2037-26-5	70-130	91

MODIFIED EPA METHOD TO-15 GC/MS SIM
Park Laundry

Client ID:	CCV	Date/Time Analyzed:	8/13/13 09:17 AM
Lab ID:	1308173A-15B	Dilution Factor:	1.00
Date/Time Collecte	NA - Not Applicable	Instrument/Filename:	msdc.i / c081302sim
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
1,1-Dichloroethane	75-34-3	99
1,1-Dichloroethene	75-35-4	96
1,2-Dichloroethane	107-06-2	102
Chloroethane	75-00-3	97
cis-1,2-Dichloroethene	156-59-2	92
Tetrachloroethene	127-18-4	101
trans-1,2-Dichloroethene	156-60-5	95
Trichloroethene	79-01-6	95
Vinyl Chloride	75-01-4	90

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	106
4-Bromofluorobenzene	460-00-4	70-130	105
Toluene-d8	2037-26-5	70-130	92

MODIFIED EPA METHOD TO-15 GC/MS SIM
Park Laundry

Client ID:	LCS	Date/Time Analyzed:	8/12/13 09:57 AM
Lab ID:	1308173A-16A	Dilution Factor:	1.00
Date/Time Collecte	NA - Not Applicable	Instrument/Filename:	msdc.i / c081203sima
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
1,1-Dichloroethane	75-34-3	99
1,1-Dichloroethene	75-35-4	105
1,2-Dichloroethane	107-06-2	101
Chloroethane	75-00-3	100
cis-1,2-Dichloroethene	156-59-2	94
Tetrachloroethene	127-18-4	104
trans-1,2-Dichloroethene	156-60-5	110
Trichloroethene	79-01-6	97
Vinyl Chloride	75-01-4	92

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	103
4-Bromofluorobenzene	460-00-4	70-130	108
Toluene-d8	2037-26-5	70-130	92

* % Recovery is calculated using unrounded analytical results.

MODIFIED EPA METHOD TO-15 GC/MS SIM
Park Laundry

Client ID:	LCSD	Date/Time Analyzed:	8/12/13 10:46 AM
Lab ID:	1308173A-16AA	Dilution Factor:	1.00
Date/Time Collecte	NA - Not Applicable	Instrument/Filename:	msdc.i / c081204sim
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
1,1-Dichloroethane	75-34-3	99
1,1-Dichloroethene	75-35-4	107
1,2-Dichloroethane	107-06-2	103
Chloroethane	75-00-3	104
cis-1,2-Dichloroethene	156-59-2	95
Tetrachloroethene	127-18-4	102
trans-1,2-Dichloroethene	156-60-5	112
Trichloroethene	79-01-6	98
Vinyl Chloride	75-01-4	93

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	103
4-Bromofluorobenzene	460-00-4	70-130	112
Toluene-d8	2037-26-5	70-130	95

* % Recovery is calculated using unrounded analytical results.

MODIFIED EPA METHOD TO-15 GC/MS SIM
Park Laundry

Client ID:	LCS	Date/Time Analyzed:	8/13/13 10:07 AM
Lab ID:	1308173A-16B	Dilution Factor:	1.00
Date/Time Collecte	NA - Not Applicable	Instrument/Filename:	msdc.i / c081303sim
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
1,1-Dichloroethane	75-34-3	100
1,1-Dichloroethene	75-35-4	107
1,2-Dichloroethane	107-06-2	104
Chloroethane	75-00-3	100
cis-1,2-Dichloroethene	156-59-2	95
Tetrachloroethene	127-18-4	100
trans-1,2-Dichloroethene	156-60-5	110
Trichloroethene	79-01-6	96
Vinyl Chloride	75-01-4	92

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	108
4-Bromofluorobenzene	460-00-4	70-130	110
Toluene-d8	2037-26-5	70-130	93

* % Recovery is calculated using unrounded analytical results.

MODIFIED EPA METHOD TO-15 GC/MS SIM
Park Laundry

Client ID:	LCSD	Date/Time Analyzed:	8/13/13 10:57 AM
Lab ID:	1308173A-16BB	Dilution Factor:	1.00
Date/Time Collecte	NA - Not Applicable	Instrument/Filename:	msdc.i / c081304sim
Media:	NA - Not Applicable		

Compound	CAS#	%Recovery
1,1-Dichloroethane	75-34-3	100
1,1-Dichloroethene	75-35-4	107
1,2-Dichloroethane	107-06-2	104
Chloroethane	75-00-3	98
cis-1,2-Dichloroethene	156-59-2	94
Tetrachloroethene	127-18-4	100
trans-1,2-Dichloroethene	156-60-5	109
Trichloroethene	79-01-6	96
Vinyl Chloride	75-01-4	91

Surrogates	CAS#	Limits	%Recovery
1,2-Dichloroethane-d4	17060-07-0	70-130	107
4-Bromofluorobenzene	460-00-4	70-130	108
Toluene-d8	2037-26-5	70-130	92

* % Recovery is calculated using unrounded analytical results.



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

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FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Page 5 of 6

Project Manager Bill Beadie
 Collected by: (Print and Sign) Thomas Ashton
 Company MFA Email _____
 Address 2001 NW 19th Ave City Portland State OR Zip 97209
 Phone 503-501-5204 Fax _____

Project Info: P.O. # _____ Project # <u>8006.31.01</u> Project Name <u>Park Laundry</u>	Turn Around Time: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	<small>Lab Use Only</small> Pressurized by: _____ Date: _____ Pressurization Gas: _____ N ₂ He
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Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
01A	10-IA1-072913	34749	7/29/13	11:46	TO-15 SIM see notes	-30	-5		
02A	1-IA3-072913	5664	7/29/13	12:04		-29.5	-4		
03A	27-IA1-073013	9421	7/30/13	10:52		-30	-5		
04A	27-IA2-073013	1568	7/30/13	10:51		-28	-4		
05A	28-IA1-073013	21009	7/30/13	12:01		-30	-4		
06A	0A1-073013	34496	7/30/13	13:05		HOLD	-30	-5	
07A	27-CS1-073013	14869	7/30/13	10:52	TO-15 SIM see notes	-29.5	-3.5		
08A	28-IA2-073013	5667	7/30/13	12:03		-30	-4.5		
09A	28-IA3-073013	9418	7/30/13	12:06		-30	-4		
10A	7-IA2-073013	5578	7/30/13	13:52	HOLD	-29	-5		

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>8/2/13 13:00</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>08/06/13 11:00</u>	Notes: See attachment for list of compounds and reporting limits.
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	<u>URS</u>		<u>NA</u>	<u>good</u>	Yes No <u>None</u>	<u>1308173</u>



CHAIN-OF-CUSTODY RECORD

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FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager Bill Beadie
 Collected by: (Print and Sign) Thomas Ashton
 Company MFA Email tashton@maulfactory.com
 Address 2001 New Fifth Ave. suite 200 City Portland State OR Zip 97209
 Phone 503-501-5204 Fax _____

Project Info: P.O. # _____ Project # <u>8006.31.01</u> Project Name <u>Park Laundry</u>	Turn Around Time: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	<small>Lab Use Only</small> Pressurized by: _____ Date: _____ Pressurization Gas: <u>N₂</u> <u>He</u>
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Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
<u>11A</u>	<u>0A2-073013</u>	<u>34198</u>	<u>7/30/13</u>	<u>13:15</u>	<u>HOLD</u>	<u>-29.5</u>	<u>-4</u>		
<u>12A</u>	<u>5-IA2-073013</u>	<u>5763</u>	<u>7/30/13</u>	<u>10:07</u>	<u>TO-15 sum sec notes</u>	<u>-30</u>	<u>-5</u>		
<u>13R</u>	<u>5-IA1-073013</u>	<u>94301</u>	<u>7/30/13</u>	<u>10:18</u>	<u>1</u>	<u>-30</u>	<u>-4.5</u>		

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>8/2/13 13:00</u>	Received by: (signature) <u>Kate Decky</u> Date/Time <u>ATL 08/06/13 1100</u>	Notes: See attachment for list of compounds and reporting limits.
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	<u>UPS</u>		<u>NA</u>	<u>good</u>	Yes No <u>(None)</u>	<u>1308173</u>

1308173

Attachment

MFA Project #8006.31.01

Here is the list of analytes with our screening values.

For all of the listed analytes, please ensure that the reported concentrations on the issued report(s) are below the screening values listed below. In most cases, the MRL will be below the screening value so the MRL should be reported. However, some samples may need the MDL reported instead, in order to attain a reported value below the screening value. Please use the MRL as the default reported value, unless the MDL is necessary.

Please assess the need to use the MRL or MDL on a sample by sample (and analyte by analyte) basis.

Analyte	Air Screening Values ($\mu\text{g}/\text{m}^3$) for 6-liter canisters	Soil Gas Screening Values ($\mu\text{g}/\text{m}^3$) for 1-liter canisters
1,1-dichloroethane	320	3200
1,1-dichloroethene	91	910
1,2-dichloroethane	0.096	0.96
Chloroethane	3	30
Cis-1,2-dichloroethene	16	160
Tetrachloroethene	9.6	96
Trans-1,2-dichloroethene	32	320
Trichloroethene	0.37	3.7
Vinyl chloride	0.28	2.8
Helium	Please Report to the MRL	Please Report to the MRL

Please give me a call if you have any questions regarding this request.

Regards,



Thomas Ashton

503-501-5204

APPENDIX E

DATA VALIDATION



DATA QUALITY ASSURANCE/QUALITY CONTROL REVIEW

PROJECT NO. 8006.31.01 | DECEMBER 13, 2012 | UNION RIDGE INVESTMENT COMPANY

This report reviews the analytical results for air samples collected by the Maul Foster & Alongi, Inc. project team on the Union Ridge Investment Company site located at 122 N. Main Avenue in Ridgefield, Washington. The samples were collected in November 2012.

Eurofins Air Toxics, Inc. (AT) performed the analyses. AT report numbers 1211513A, 1211513B, 1211513C, 1211513D, 1211513E, 1211513FR1, 1211514A, 1211514B, 1211514C, 1211514DR1, 1211514ER2, 1211515A, 1211515B, and 1211515CR1 were reviewed. The analyses performed are listed below.

Analysis	Reference
Volatile organic compounds in ambient air (chlorinated hydrocarbons)	Modified USEPA TO-15/TO-15 SIM
Permanent gases	Modified ASTM D-1946

ASTM = American Society for Testing and Materials.

SIM = selective ion monitoring.

USEPA = U.S. Environmental Protection Agency.

DATA QUALIFICATIONS

Analytical results were evaluated according to applicable sections of USEPA procedures (USEPA, 2008, 2010) and appropriate laboratory and method-specific guidelines (AT, 2012; USEPA, 1986).

Data validation procedures were modified, as appropriate, to accommodate quality-control requirements for methods not specifically addressed by the functional guidelines.

Soil gas samples were collected under a helium shroud to detect leaks in the collection system. Report 1211514C, indicated helium detections for some samples. All helium detections were below the recommended concentration for resampling (NJDEP, 2012). The samples were also analyzed for USEPA TO-15 (see report 1211514B). USEPA TO-15 results may be biased low when helium is also indicated in the same sample. USEPA TO-15 detections in samples with detectable helium were qualified with a “J,” as estimated.

Sample	Helium (%)	USEPA TO-15 Report	Analyte	Original Result (µg/m ³)	Qualified Result (µg/m ³)
7-SS2	0.59	1211514B	PCE	7.8	7.8 J
7-SS3	0.24	1211514B	PCE	14	14 J
NOTES: µg/ m ³ = microgram per cubic meter. PCE = tetrachloroethene.					

The data are considered acceptable for their intended use, with the appropriate data qualifiers assigned.

HOLDING TIMES, PRESERVATION, AND SAMPLE STORAGE

Holding Times

Extractions and analyses were performed within the recommended holding time criteria.

Preservation and Sample Storage

The samples were preserved and stored appropriately, with the following exceptions: in sample delivery groups 1211513A and 1211513C, canisters for samples 1-IA2-111512, 27-CS1-111512, and OA2-111512 were measured at ambient pressure in the field and upon receipt at the laboratory.

BLANKS

Method Blanks

Laboratory method blank analyses were performed at the required frequencies. For purposes of data qualification, the method blanks were associated with all samples prepared in the analytical batch. If an analyte was detected in a sample and in the associated method blank, the sample result was qualified if the concentration was less than five times the method blank concentration. All method blank results are either below the reporting limit (RL) and/or associated with non-detect sample results.

If an analyte was detected in a sample and in the associated method blank below the RL but above the method detection limit (MDL), sample detections below the level found in the method blank were qualified as “UJ” and reported as not detected (at or below the levels found in the method blank). Sample detections above the level found in the method blank were not qualified.

In report 1211513D, some analytes were detected in the laboratory method blank and between the RL and MDL. Associated sample detections above the level found in the method blank were not qualified. Associated sample detections below the level found in the method blank were qualified as “UJ” and reported as not detected (at or below the levels found in the method blank).

Report	Sample	Component	Original Result ($\mu\text{g}/\text{m}^3$)	Qualified Result ($\mu\text{g}/\text{m}^3$)
1211513D_d	24-CS1-111512	TCE	0.051 J	0.052 UJ
1211513D_d	27-IA2-111512	TCE	0.050 J	0.052 UJ
NOTE: TCE = trichloroethene.				

All remaining laboratory method blanks were non-detect.

Trip Blanks

Trip blanks were not required for this sampling event.

Equipment Rinsate Blanks

Equipment rinsate blanks were not required for this sampling event, as all samples were collected using dedicated, single-use equipment.

SURROGATE RECOVERY RESULTS

The samples were spiked with surrogate compounds to evaluate laboratory performance on individual samples. All surrogate recoveries were within acceptance limits.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS

MS/MSD results are used to evaluate laboratory precision and accuracy. MS/MSD samples were not required for these sampling events.

LABORATORY DUPLICATE RESULTS

Duplicate results are used to evaluate laboratory precision. Laboratory duplicate samples were reported for 1211514C and 1211515B. All relative percent differences were within acceptance limits.

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RESULTS

An LCS/LCSD is spiked with target analytes to provide information on laboratory precision and accuracy. The LCS/LCSD samples were extracted and analyzed at the required frequency. All LCS/LCSD analytes were within acceptance limits for percent recovery.

FIELD DUPLICATE RESULTS

Field duplicate samples measure both field and laboratory precision. Field duplicates were not submitted for analysis.

CONTINUING CALIBRATION VERIFICATION RESULTS

CCV results are used to demonstrate instrument precision and accuracy through the end of the sample batch. All CCVs were within acceptance limits for percent recovery.

REPORTING LIMITS

The chain of custody was submitted to the laboratory with an attachment indicating target RLs for all analytes. The target RL for TCE was later adjusted from 0.016 $\mu\text{g}/\text{m}^3$ to 0.11 $\mu\text{g}/\text{m}^3$ because of the type of sample canisters used for this project. AT used the target RLs for non-detect results, except for samples requiring dilutions because of high analyte

concentrations and/or matrix interferences. Most RLs were elevated because of canister dilution caused by residual canister vacuum.

AT reported 1,2-dichloroethane and TCE to the MDL in addendum reports 1211513D, 1211513E, 1211513FR1, 1211514DR1, 1211514ER2, and 1211515CR1. Results reported between the MDL and RL were qualified with a “J” by the laboratory.

DATA PACKAGE

The data packages were reviewed for transcription errors, omissions, and anomalies.

The chain of custody for all reports includes instructions to see an attachment for the list of requested analytical compounds. The attachment submitted with the chains of custody is not the final version submitted to the laboratory; it does not include 1,2-dichloroethane. A final version of the attachment that includes 1,2-dichloroethane was submitted to the laboratory.

In report 1211513A, the result for PCE from USEPA Method TO-15 SIM for sample 7-IA2-111512 was reported as estimated, with a “J” qualifier, because of a rounding protocol used by the laboratory. The rounding protocol and data qualification were verified by the reviewer.

Report 1211514D surrogate acceptance limits are incorrectly reported as 0-130 for all samples. The correct limits are 70-130.

No additional issues were found.

REFERENCES

- AT. 2012. Quality assurance manual. Eurofins Air Toxics, Inc., Folsom, California.
- NJDEP. 2012. Vapor intrusion technical guidance. Vers 2.0. New Jersey Department of Environmental Protection Site Remediation Program. January.
- USEPA. 1986. Test methods for evaluating solid waste: physical/chemical methods. EPA-530/SW-846. U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response. September (revision 6, February 2007).
- USEPA. 2008. USEPA contract laboratory program, national functional guidelines for organics data review. EPA 540/R-08/01. U.S. Environmental Protection Agency, Office of Emergency and Remedial Response. June.
- USEPA. 2010. USEPA contract laboratory program national functional guidelines for inorganic superfund data review. EPA 540/R-10/011. U.S. Environmental Protection Agency, Office of Superfund Remediation and Technology Innovation. January.

DATA QUALITY ASSURANCE/QUALITY CONTROL REVIEW

PROJECT NO. 8006.31.01 | AUGUST 23, 2013 | UNION RIDGE INVESTMENT COMPANY

This report reviews the analytical results for air samples collected by the Maul Foster & Alongi, Inc. (MFA) project team on the former Park Laundry site located at 122 N. Main Avenue in Ridgefield, Washington. The samples were collected in July 2013.

Eurofins Air Toxics, Inc. (AT) performed the analyses. AT report numbers 1308171, 1308172A, 1308172B, and 1308173A were reviewed. The analyses performed and samples analyzed are listed below.

Analysis	Reference
Volatile organic compounds in ambient air (chlorinated hydrocarbons)	Modified USEPA TO-15/Modified USEPA TO-15 SIM

SIM = selective ion monitoring.
USEPA = U.S. Environmental Protection Agency.

Samples Analyzed			
SDG No. 1308171	SDG No. 1308172A	SDG No. 1308172B	SDG No. 1308173A
28-SG1-073013	13-IA2-073013	OA3-073013	10-IA1-072913
13-SG1-073013	13-IA1-073013	OA3-072913	1-IA3-072913
44-SG1-073113	5-IA3-073013	-	27-IA1-073013
45-SG1-073113	11-IA2-072913	-	27-IA2-073013
46-SG1-073013	11-IA3-072913	-	28-IA1-073013
27-SG1-072913	11-IA1-072913	-	27-CS1-073013
5-SG1-073013	9-IA1-072913	-	28-IA2-073013
11-SG1-073113	7-IA2-072913	-	28-IA3-073013
24-SG1-073013	7-IA1-072913	-	5-IA2-073013
5-SS1-073013	9-IA2-072913	-	5-IA1-073013
5-SS2-073013	10-IA2-072913	-	-
1-SS3-072913	10-CS1-072913	-	-
1-SS2-072913	1-IA2-072913	-	-
1-SS1-072913	1-IA1-072913	-	-
7-SS3-072913	-	-	-
7-SS2-072913	-	-	-
7-SS1-072913	-	-	-
13-SS1-073013	-	-	-
11-SS4-073113	-	-	-
11-SS3-073113	-	-	-

Samples Analyzed			
SDG No. 1308171	SDG No. 1308172A	SDG No. 1308172B	SDG No. 1308173A
11-SS2-073113	-	-	-
11-SS1-073113	-	-	-

SDG = Sample delivery group

DATA QUALIFICATIONS

Analytical results were evaluated according to applicable sections of USEPA procedures (USEPA, 2008) and appropriate laboratory and method-specific guidelines (AT, 2013; USEPA, 1986).

Data validation procedures were modified, as appropriate, to accommodate quality-control requirements for methods not addressed by the functional guidelines (i.e., Modified USEPA TO-15).

The data are considered acceptable for their intended use, with the appropriate data qualifiers assigned.

HOLDING TIMES, PRESERVATION, AND SAMPLE STORAGE

Holding Times

Extractions and analyses were performed within the recommended holding time criteria.

Preservation and Sample Storage

The samples were preserved and stored appropriately.

BLANKS

Method Blanks

Laboratory method blank analyses were performed at the required frequencies. For purposes of data qualification, the method blanks were associated with all samples prepared in the analytical batch. If an analyte was detected in a sample and in the associated method blank, the sample result was qualified if the concentration was less than ten times the method blank concentration. Method reporting limits (MRLs) were elevated to the concentration detected in the samples, and results were qualified as not detected "U" at the elevated MRL.

If an analyte was detected in a sample and in the associated method blank was below the reporting limit but above the method detection limit (MDL), sample detections below the level found in the method blank were qualified as "U" at the reporting limit.

In report 1308171, the USEPA Method TO-15 method blank analyzed on August 18, 2013, on instrument msd3.i showed detections below the MRL for 1,2-dichloroethane and trichloroethene. The samples associated with this method blank were all non-detect, so no qualifications were made. The USEPA Method TO-15 method blank analyzed on

August 18, 2013, on instrument msdj.i showed a detection below the MRL for 1,2-dichloroethane (at 0.40 microgram per cubic meter [$\mu\text{g}/\text{m}^3$]). The samples associated with this method blank were qualified as follows:

Sample	Component	Original Result ($\mu\text{g}/\text{m}^3$)	Qualified Result ($\mu\text{g}/\text{m}^3$)
46-SG1-073013	1,2-dichloroethane	1.2 J	5.0 U

J = estimated.

All remaining laboratory method blanks were non-detect.

Trip Blanks

Trip blanks were not required for this sampling event.

Equipment Rinsate Blanks

Equipment rinsate blanks were not required for this sampling event, as all samples were collected using dedicated, single-use equipment.

SURROGATE RECOVERY RESULTS

The samples were spiked with surrogate compounds to evaluate laboratory performance on individual samples. All surrogate recoveries were within acceptance limits.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE RESULTS

Matrix spike/matrix spike duplicate (MS/MSD) results are used to evaluate laboratory precision and accuracy. MS/MSD samples were not reported.

LABORATORY DUPLICATE RESULTS

Duplicate results are used to evaluate laboratory precision. Laboratory duplicate samples were not reported.

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RESULTS

A laboratory control sample/laboratory control sample duplicate (LCS/LCSD) is spiked with target analytes to provide information on laboratory precision and accuracy. The LCS/LCSD samples were extracted and analyzed at the required frequency.

In report 1308171, the LCSD analyzed on August 18, 2013, on instrument msd3.i exceeded the lower acceptance limit for 1,2-dichloroethane. The LCS had acceptable recovery and the exceedance was minor; thus, no results were qualified.

All remaining LCS/LCSD analytes were within acceptance limits for percent recovery and relative percent differences.

FIELD DUPLICATE RESULTS

Field duplicate samples measure both field and laboratory precision. Field duplicates were not submitted for analysis.

CONTINUING CALIBRATION VERIFICATION RESULTS

Continuing calibration verification (CCV) results are used to demonstrate instrument precision and accuracy through the end of the sample batch.

All CCVs were within acceptance limits for percent recovery.

REPORTING LIMITS

AT used routine reporting limits for non-detect results, except for 1,2-dichloroethane, trichloroethane, and vinyl chloride, analyzed by Modified USEPA TO-15; and 1,2-dichloroethane, analyzed by Modified USEPA Method TO-15 SIM, which were evaluated to the MDL at the request of the MFA project manager. AT reported MDLs for all results, but only the analytes listed above were evaluated below the MRL. All reporting limits were elevated because of canister dilution caused by residual canister vacuum. Reporting limits were additionally raised for samples that required dilutions because of high analyte concentrations and/or matrix interferences.

DATA PACKAGE

The data packages were reviewed for transcription errors, omissions, and anomalies.

The soil gas and soil gas subslab samples submitted for report 1308171 were collected under a helium shroud to detect leaks in the collection system. Helium was included on the requested compounds list, which was submitted to the laboratory as an attachment for each chain of custody. However, the laboratory did not conduct helium analysis for these samples. The samples were collected in a manner consistent with the project standard operating procedures for soil gas and subslab soil gas sampling. Before collection of each sample, a shut-in test was successfully performed to verify the absence of leakage into the sampling train. Additionally, air purged through the sampling apparatus was analyzed with field detectors to verify the absence of helium. These procedures indicated acceptable sampling system integrity.

Two of the subslab soil gas samples (11-SS2-073113 and 11-SS1-073113) were originally submitted on the chain of custody with samples reported in 1308172A and 1308172B. These two samples were reported with other soil gas samples in report 1308171.

No additional issues were found.

REFERENCES

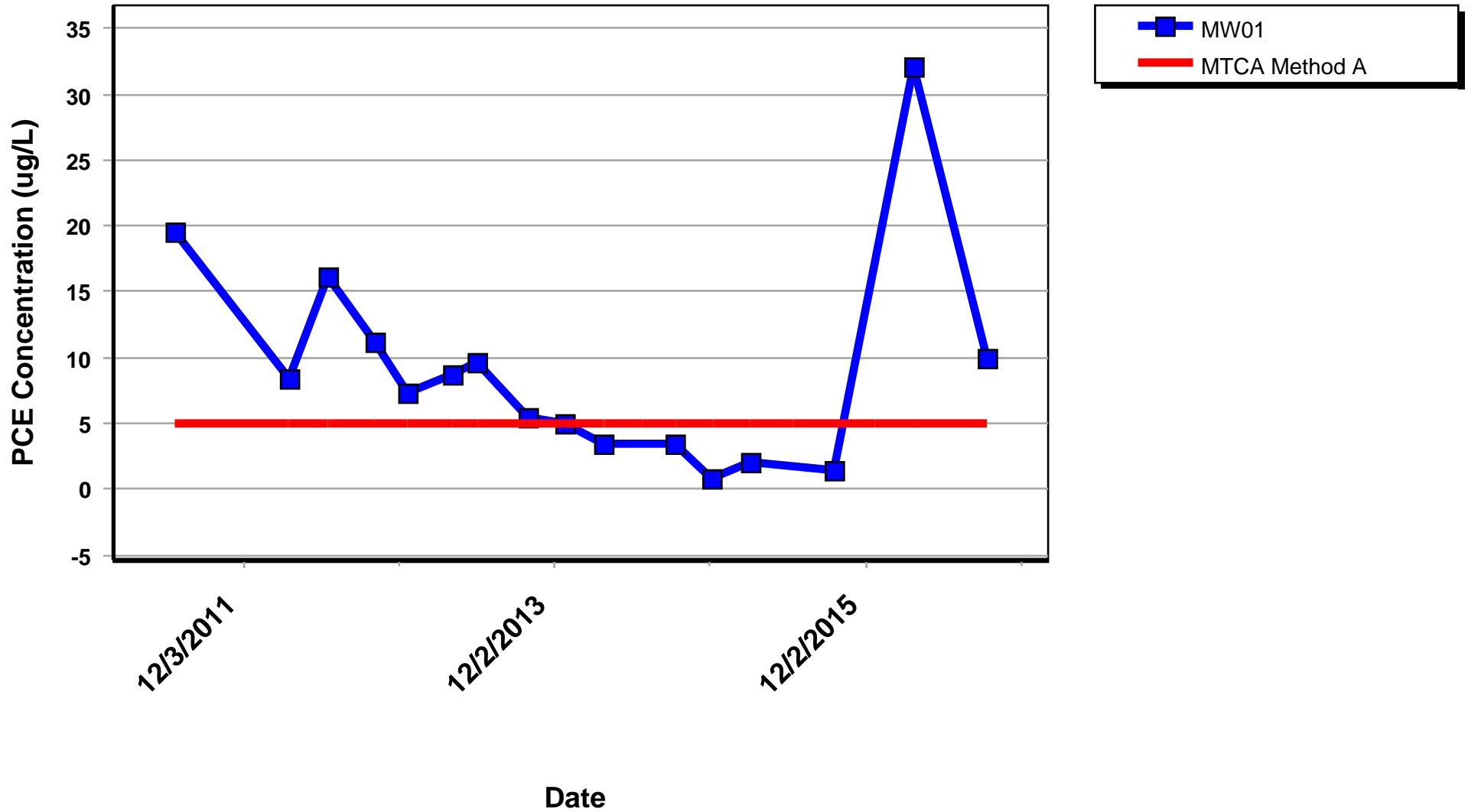
- AT. 2013. Quality assurance manual. Eurofins Air Toxics, Inc., Folsom, California.
- USEPA. 1986. Test methods for evaluating solid waste: physical/chemical methods. EPA-530/SW-846. U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response. September (revision 6, February 2007).
- USEPA. 2008. USEPA contract laboratory program, national functional guidelines for organics data review. EPA 540/R-08/01. U.S. Environmental Protection Agency, Office of Emergency and Remedial Response. June.

APPENDIX H

SEPTEMBER 2016 TREND PLOTS



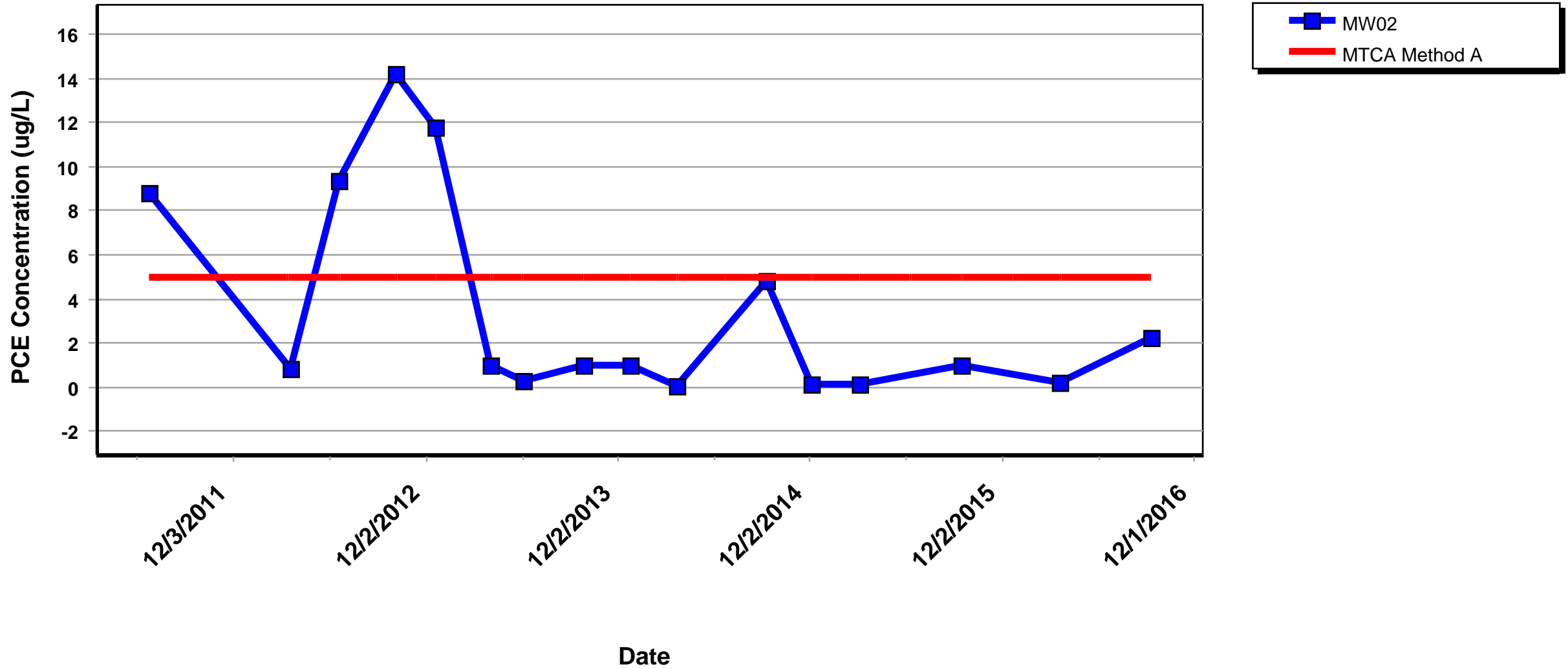
MW01



EQUS Database Output - As of April 7, 2016

Laboratory reported detection limit value used for non-detects

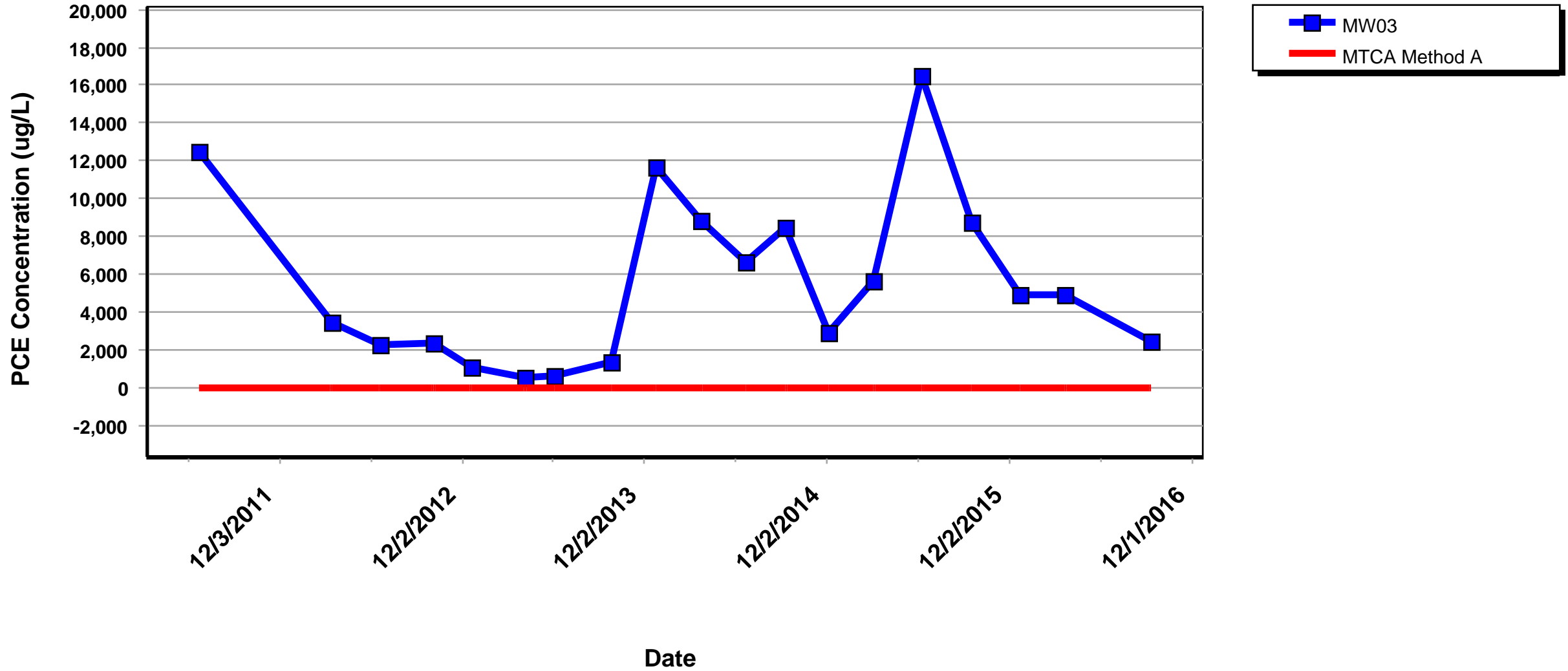
MW02



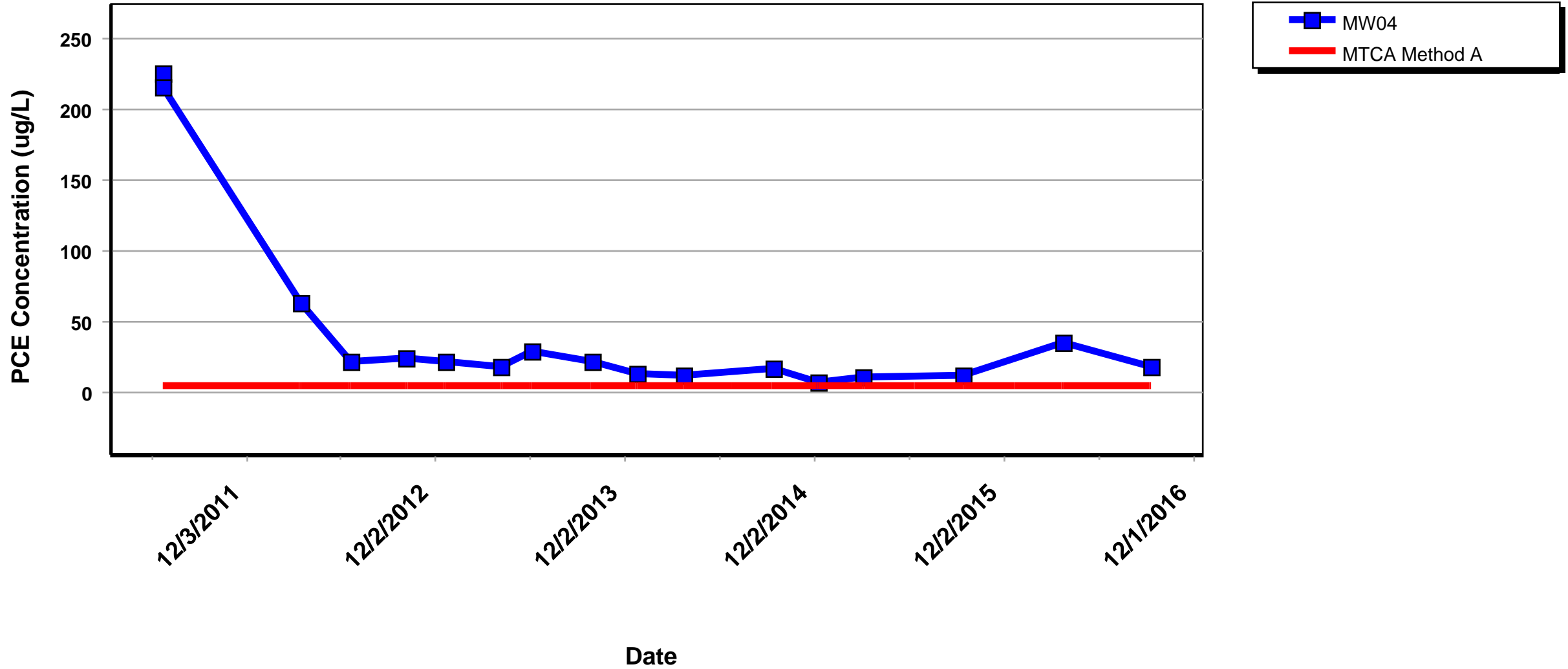
EQUIS Database Output - As of October 4, 2016

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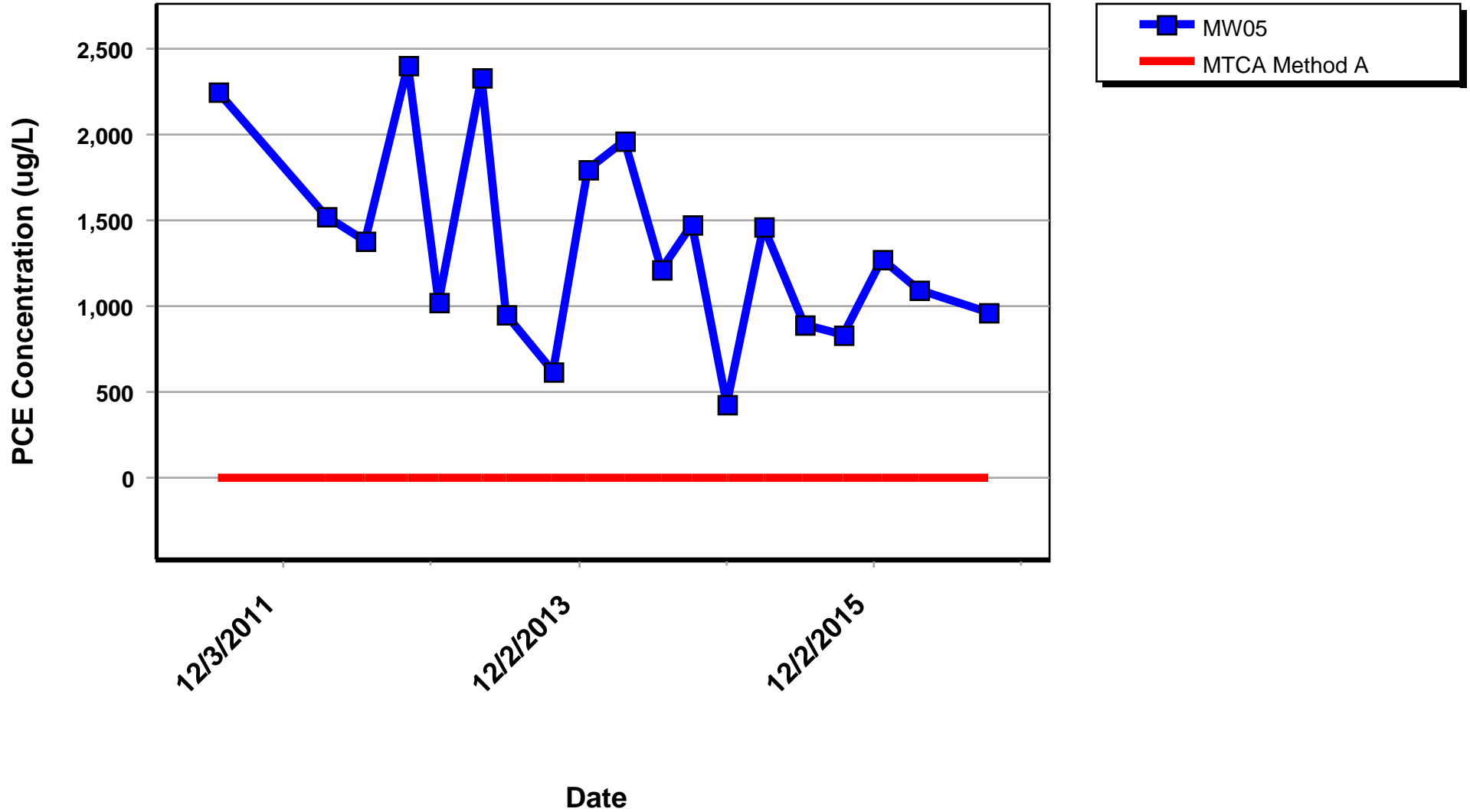
MW03



MW04



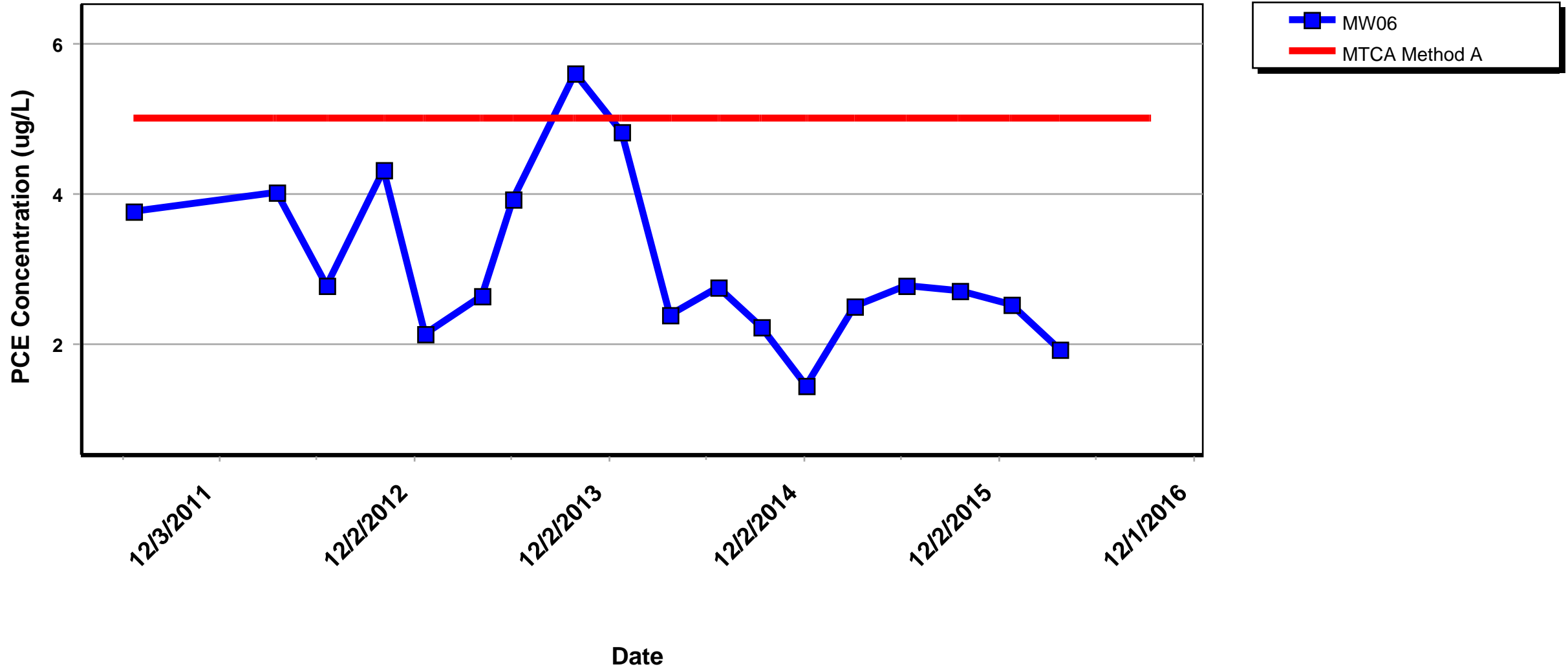
MW05



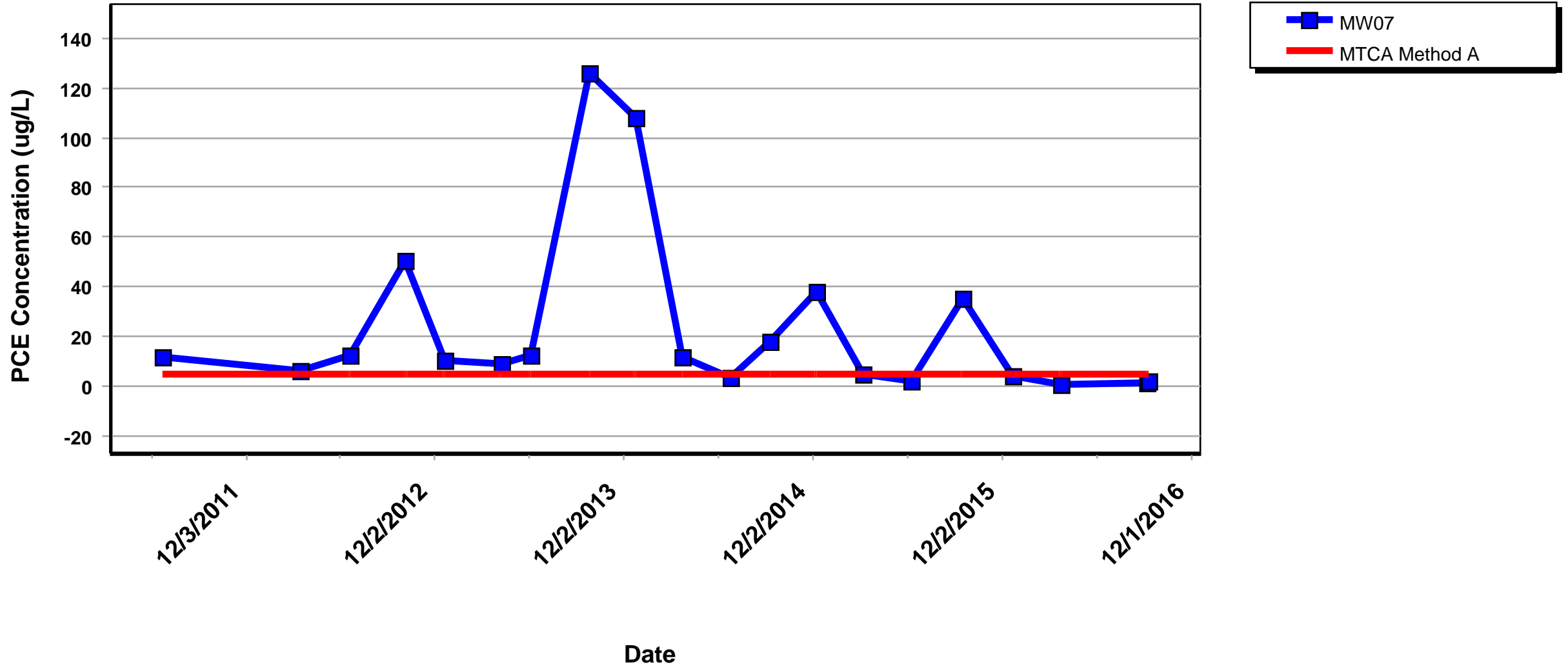
EQUS Database Output - As of April 7, 2016

Laboratory reported detection limit value used for non-detects

MW06



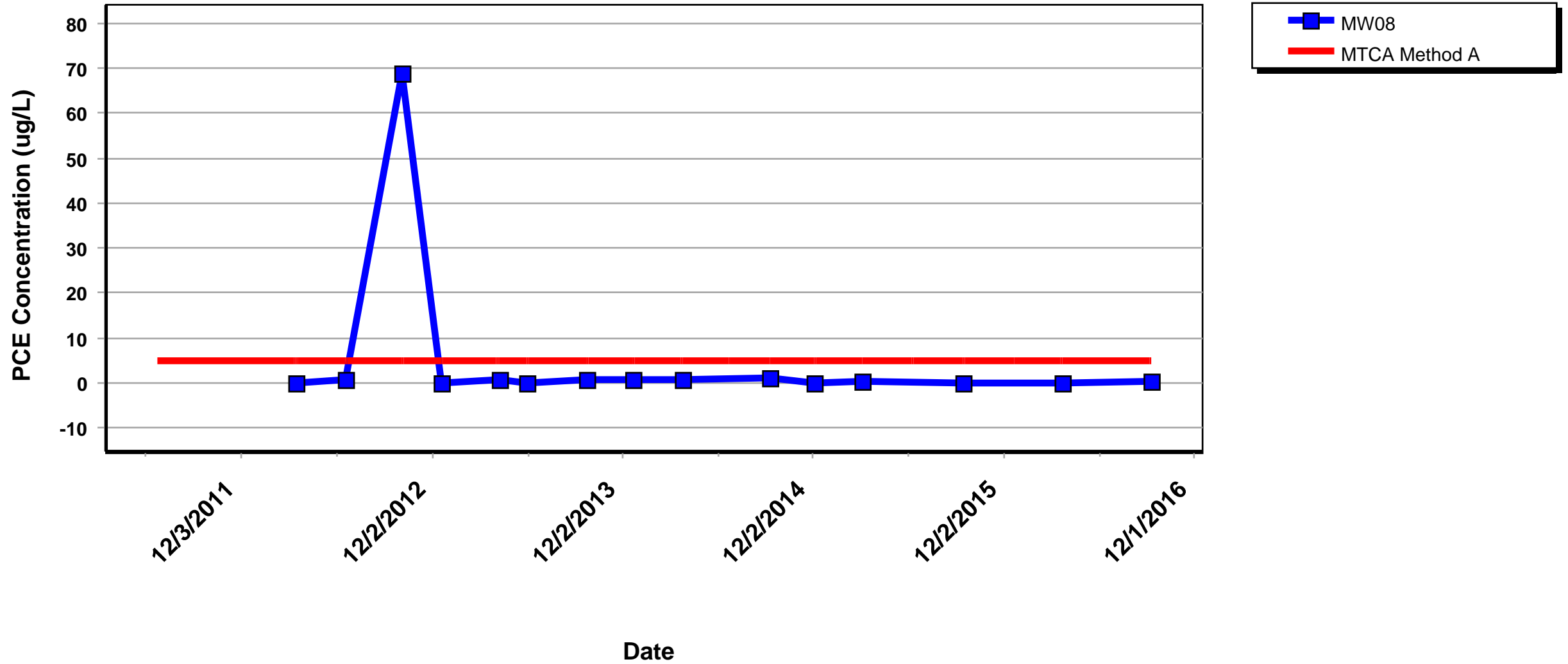
MW07



EQUIS Database Output - As of October 4, 2016

Laboratory reported detection limit value used for non-detects

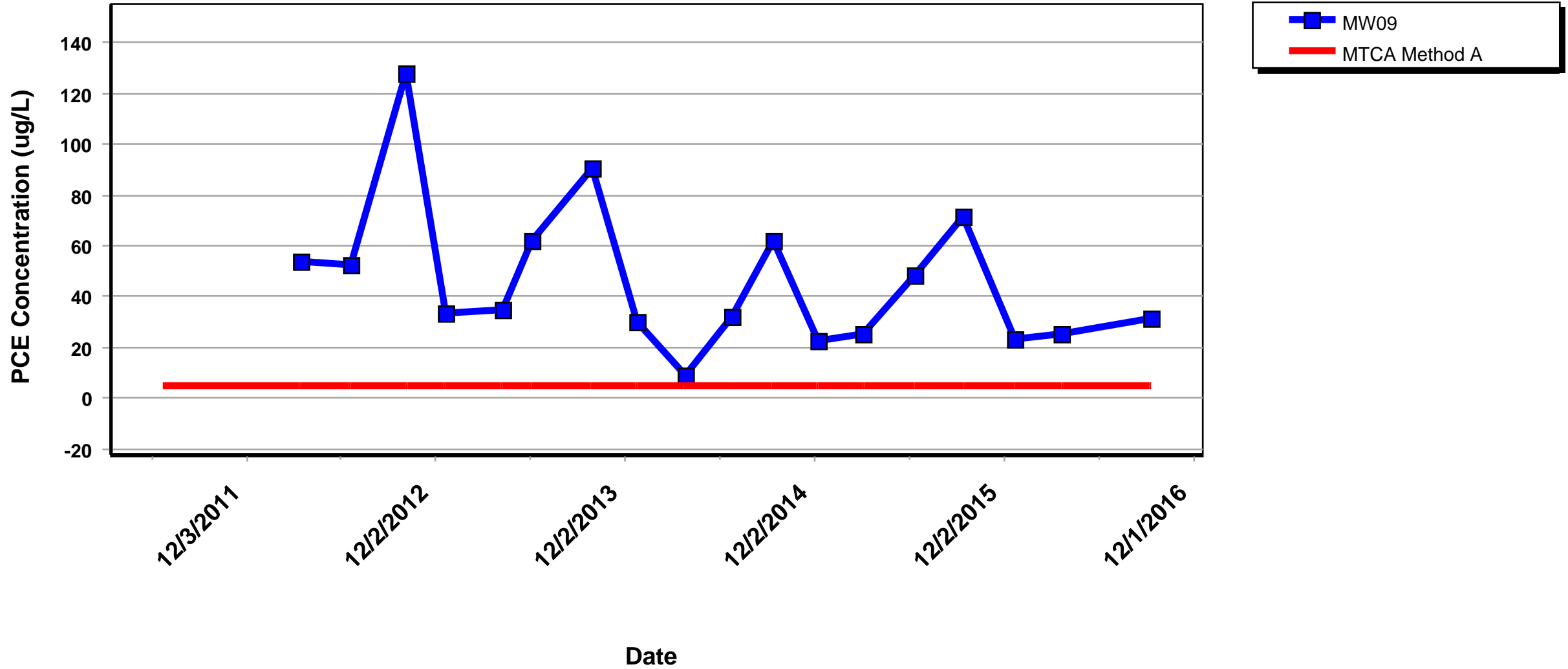
MW08



EQUIS Database Output - As of October 4, 2016

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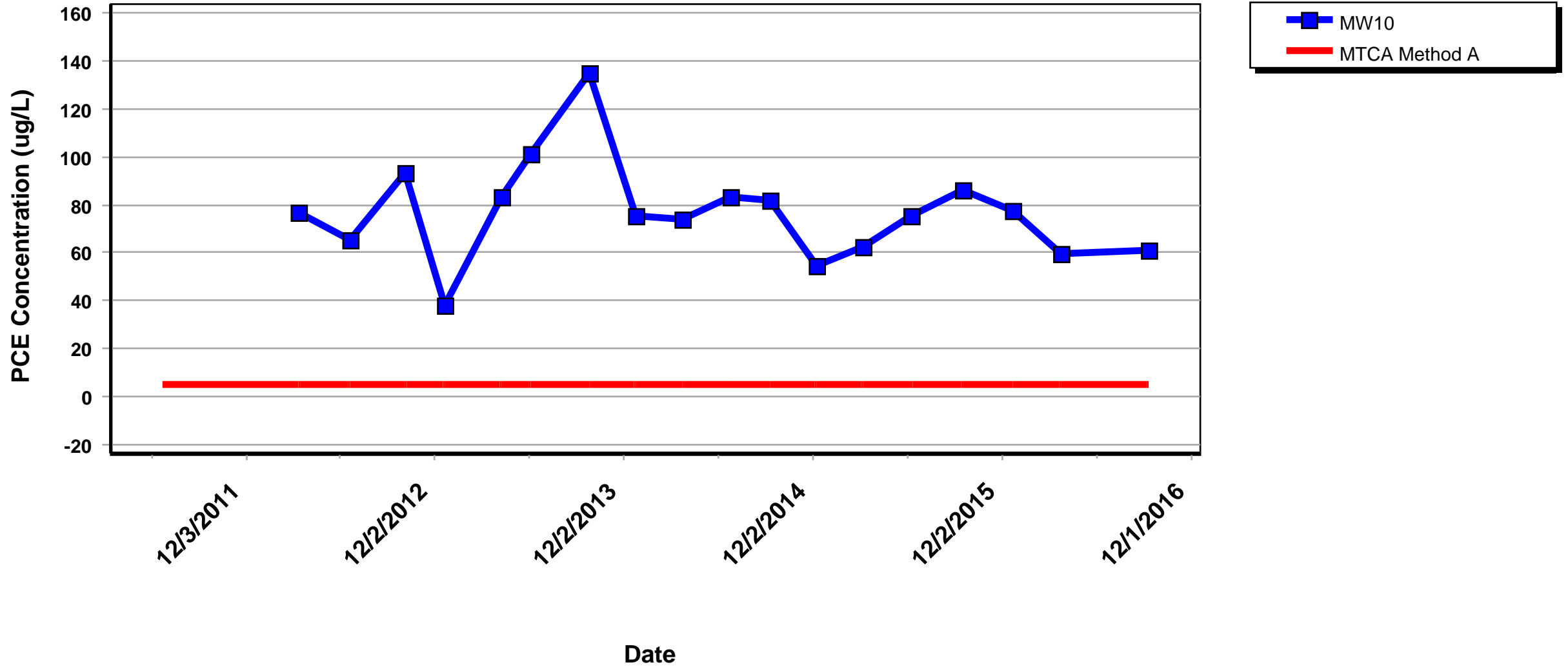
MW09



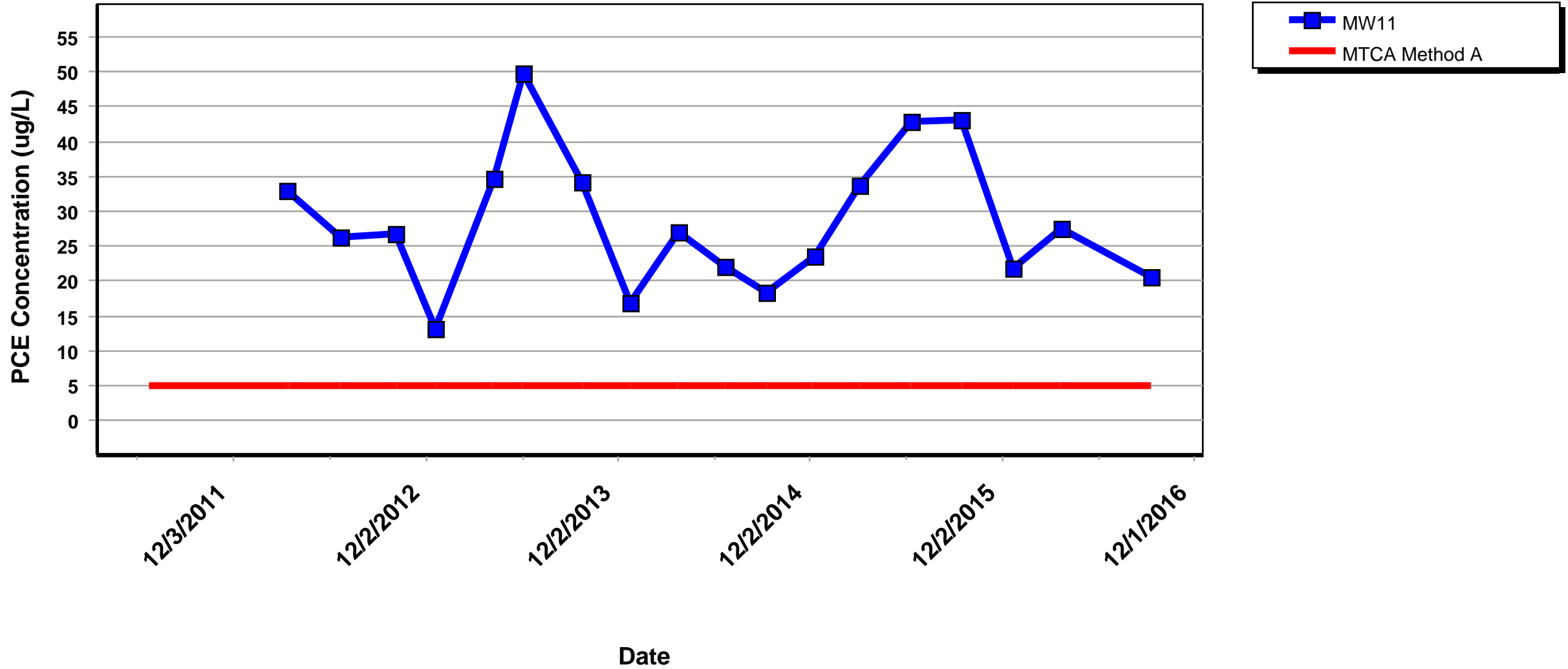
EQUIS Database Output - As of October 4, 2016

Laboratory reported detection limit value used for non-detects

MW10



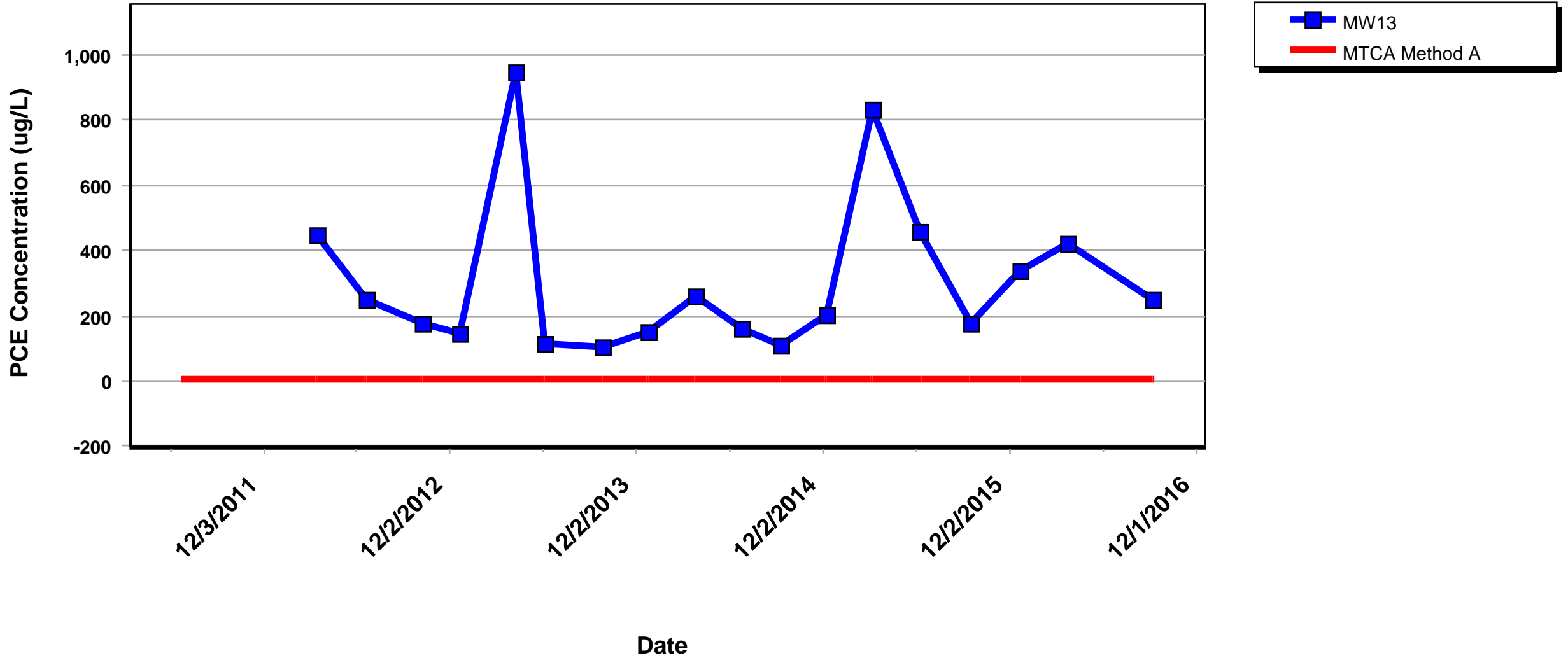
MW11



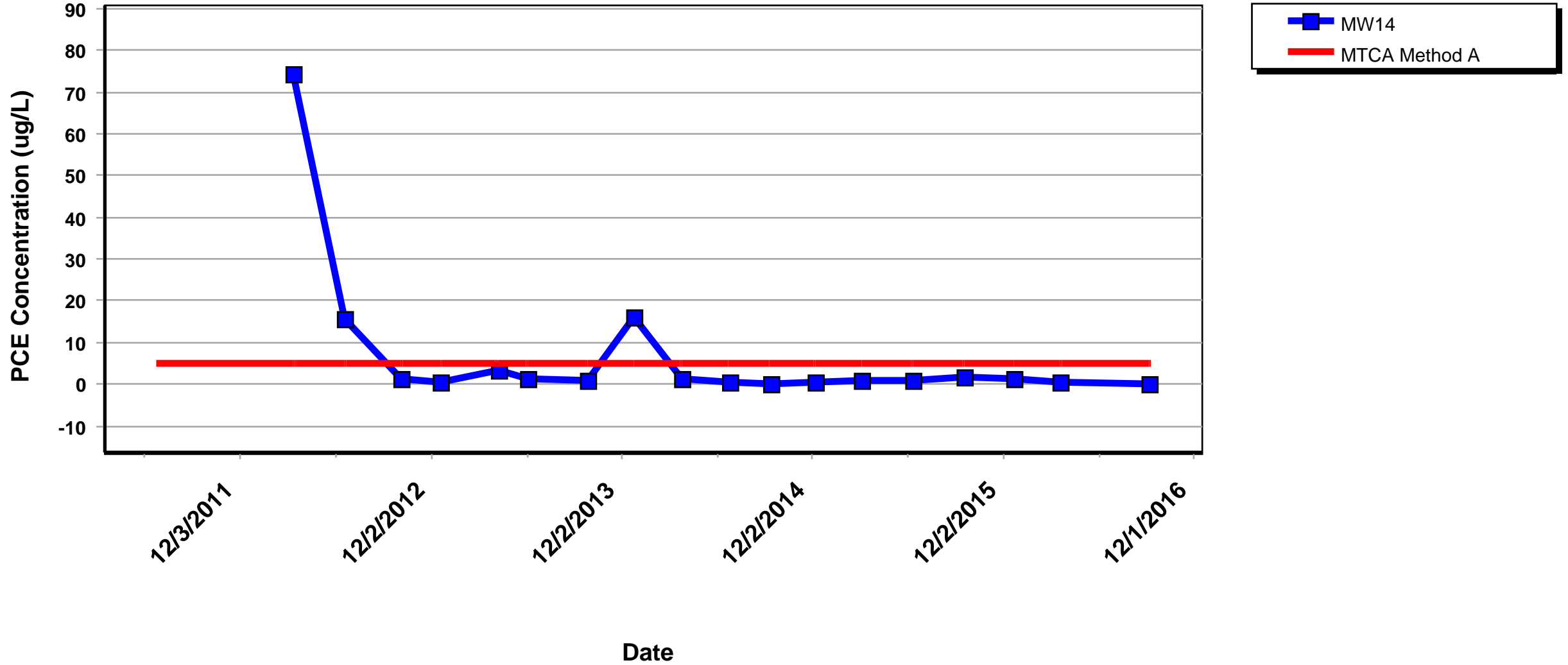
EQUIS Database Output - As of October 4, 2016

Laboratory reported detection limit value used for non-detects

MW13



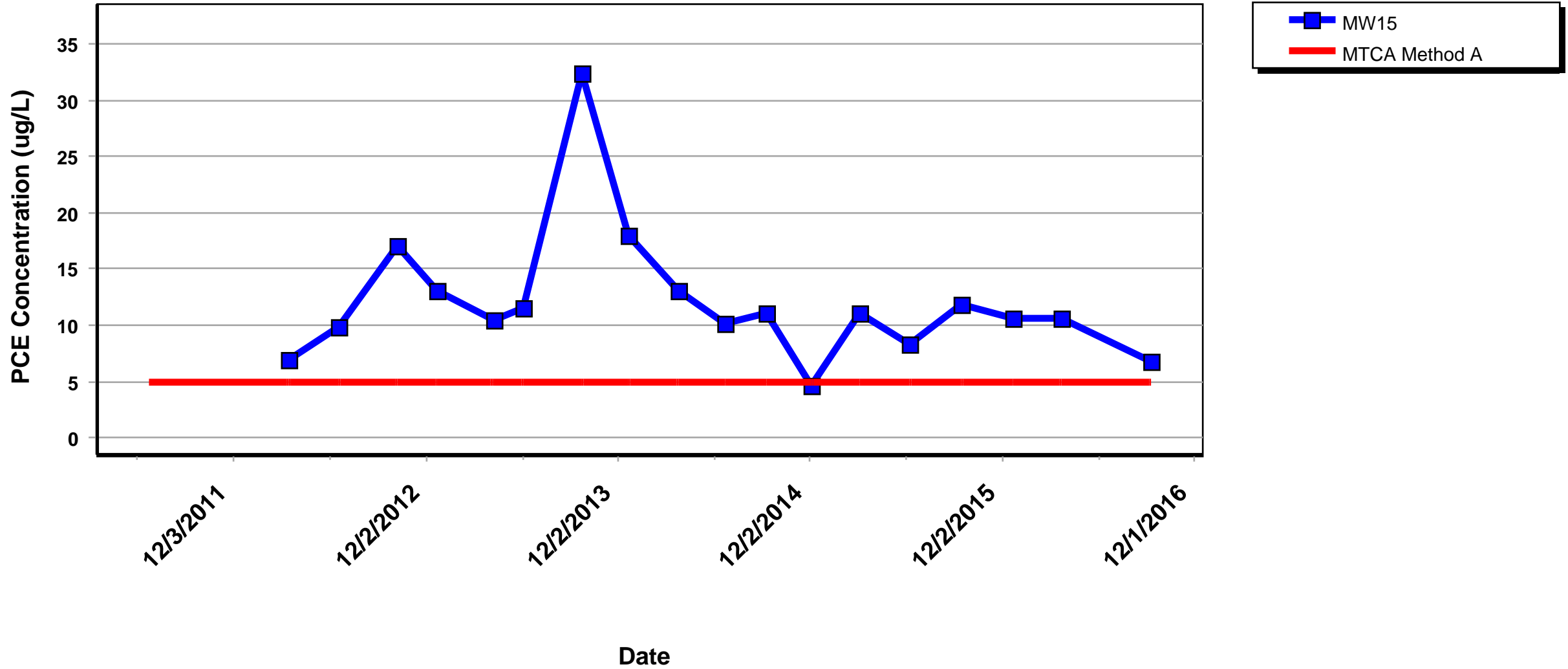
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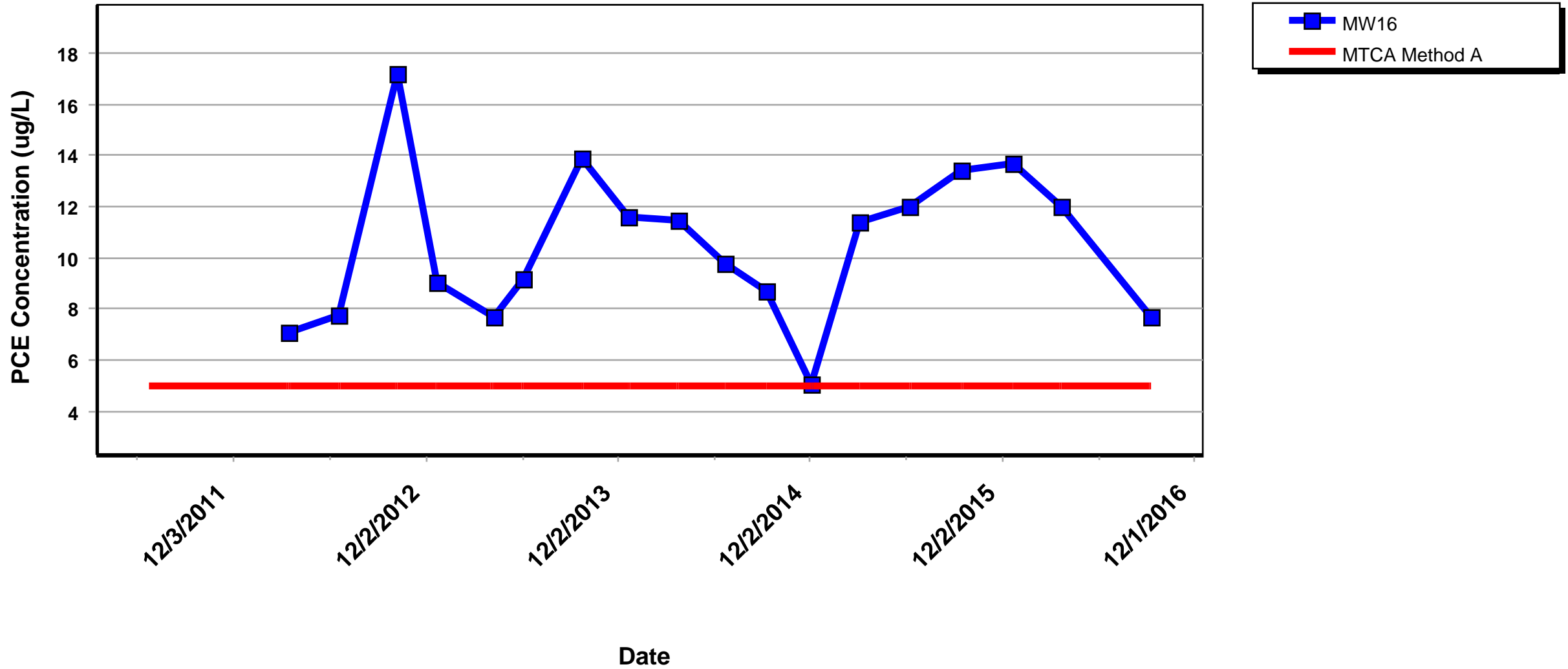
EQUIS Database Output - As of October 4, 2016

Laboratory reported detection limit value used for non-detects

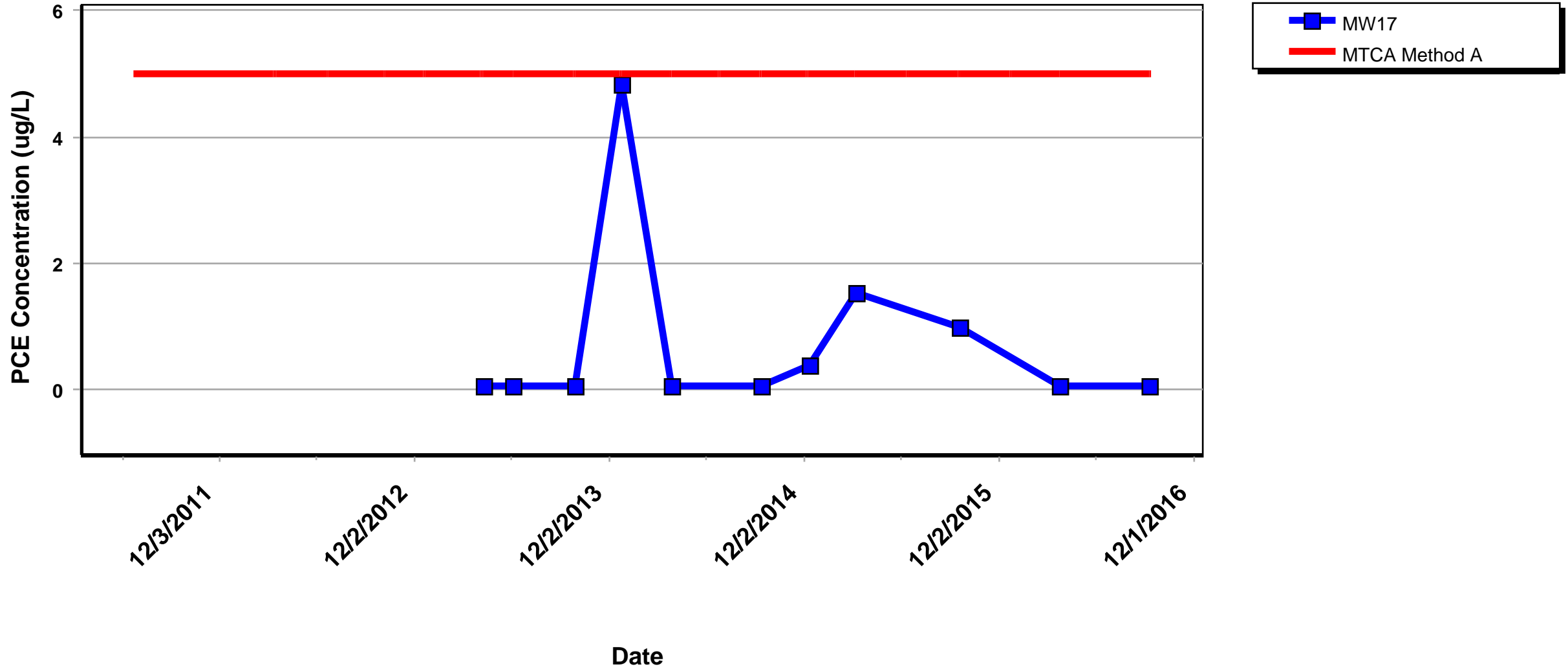
MW15



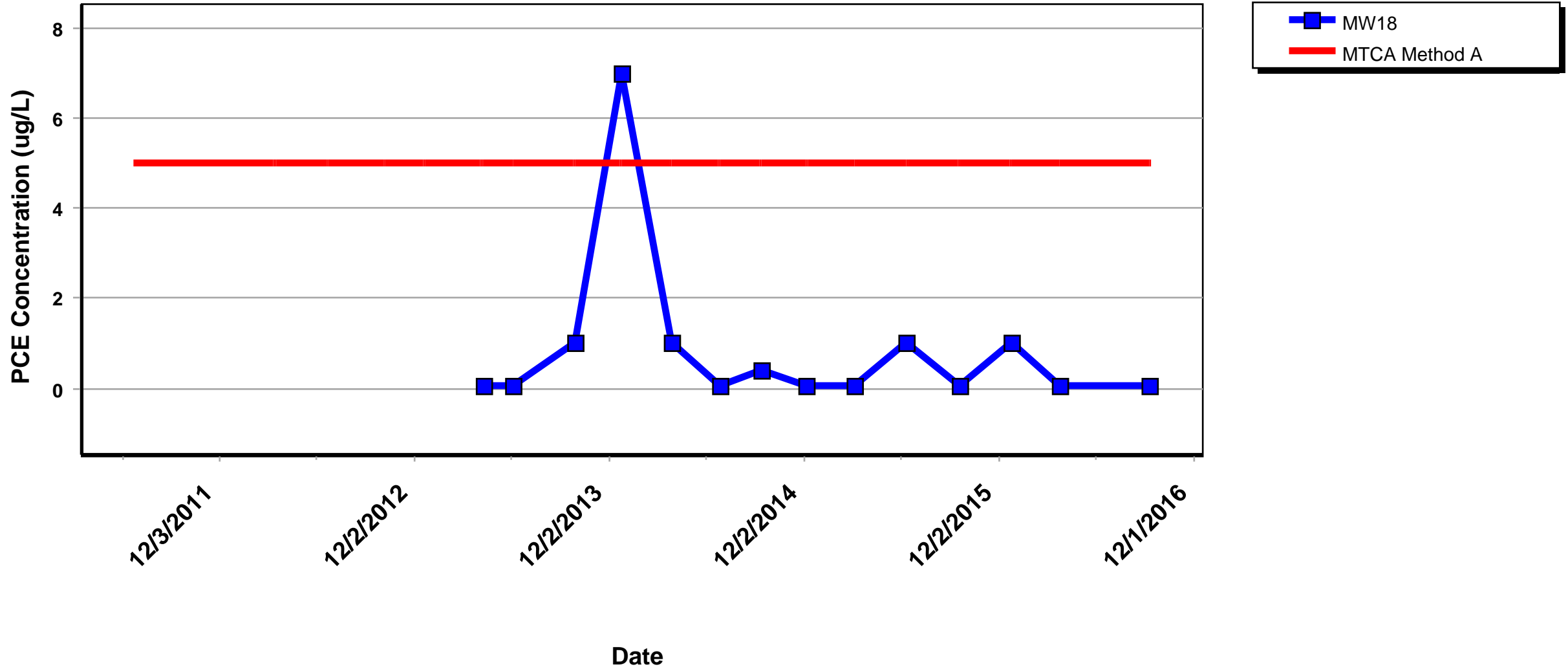
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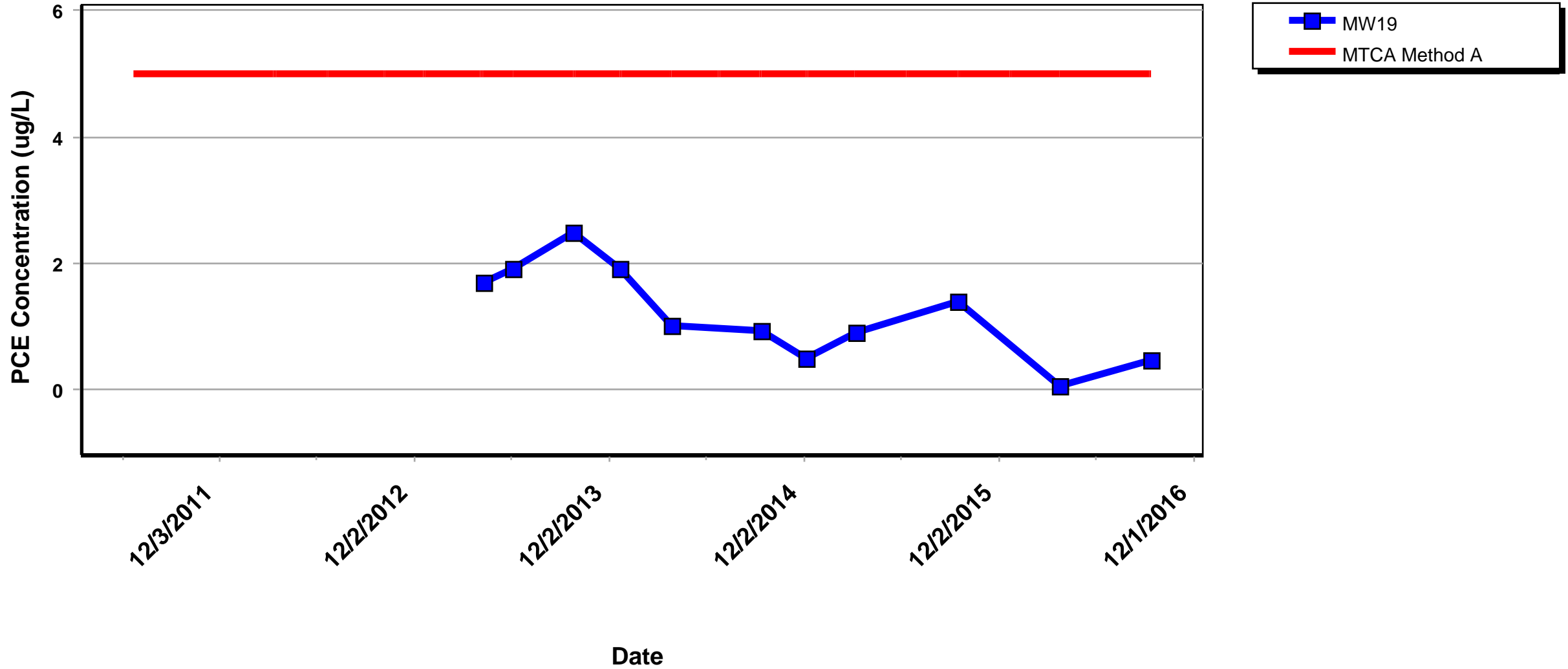
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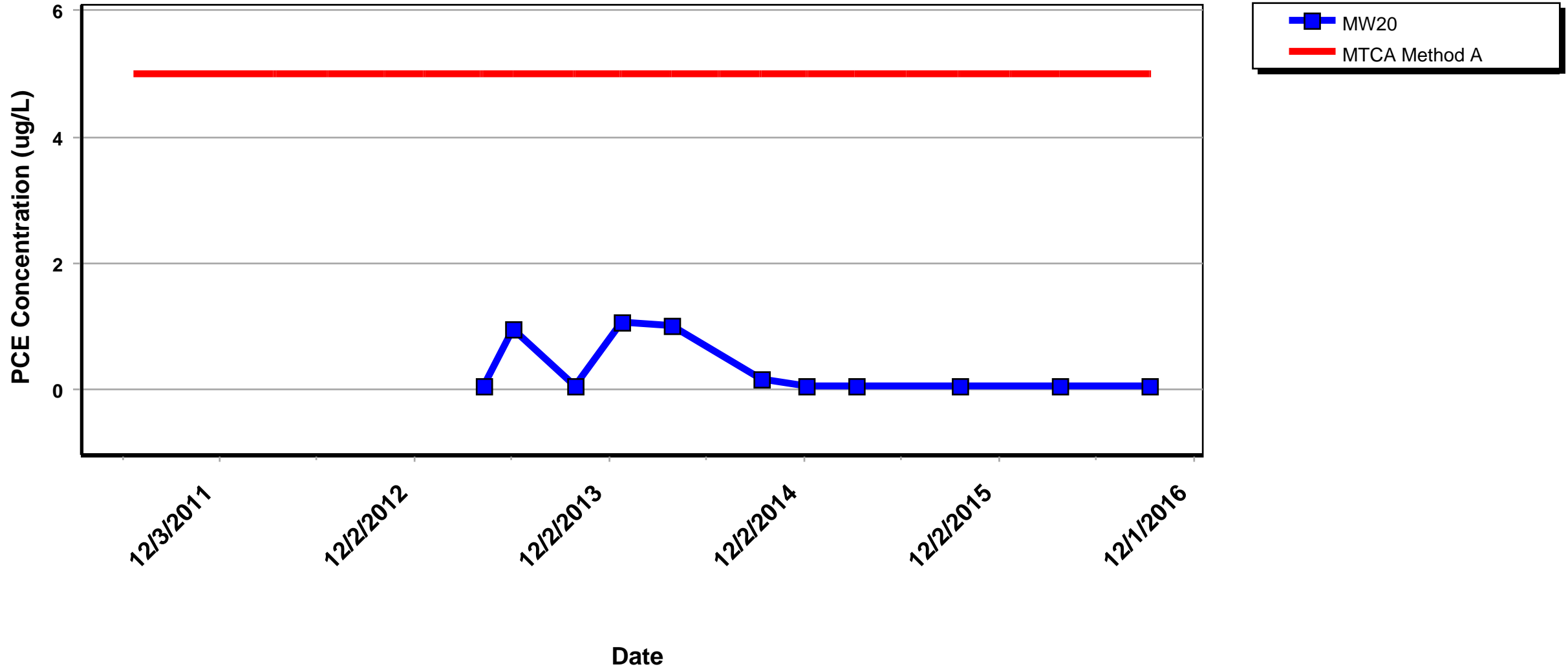
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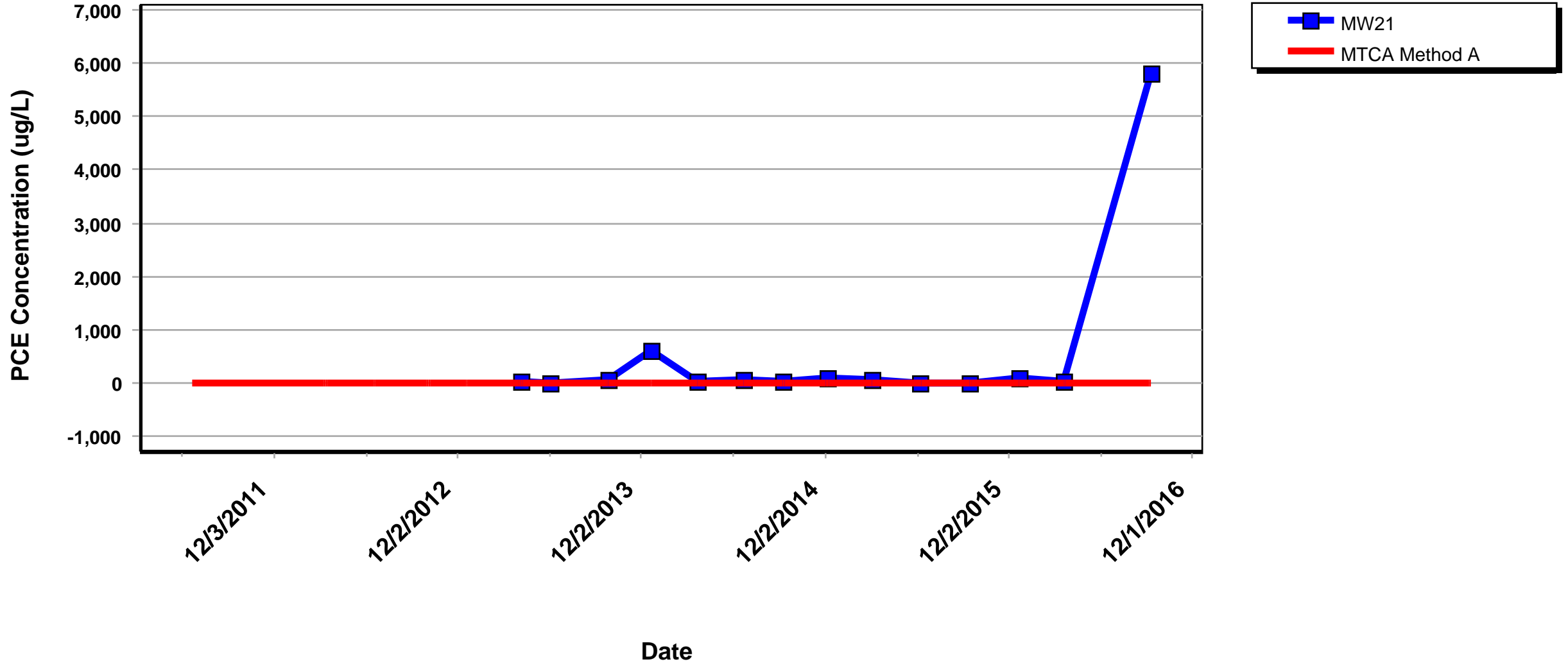
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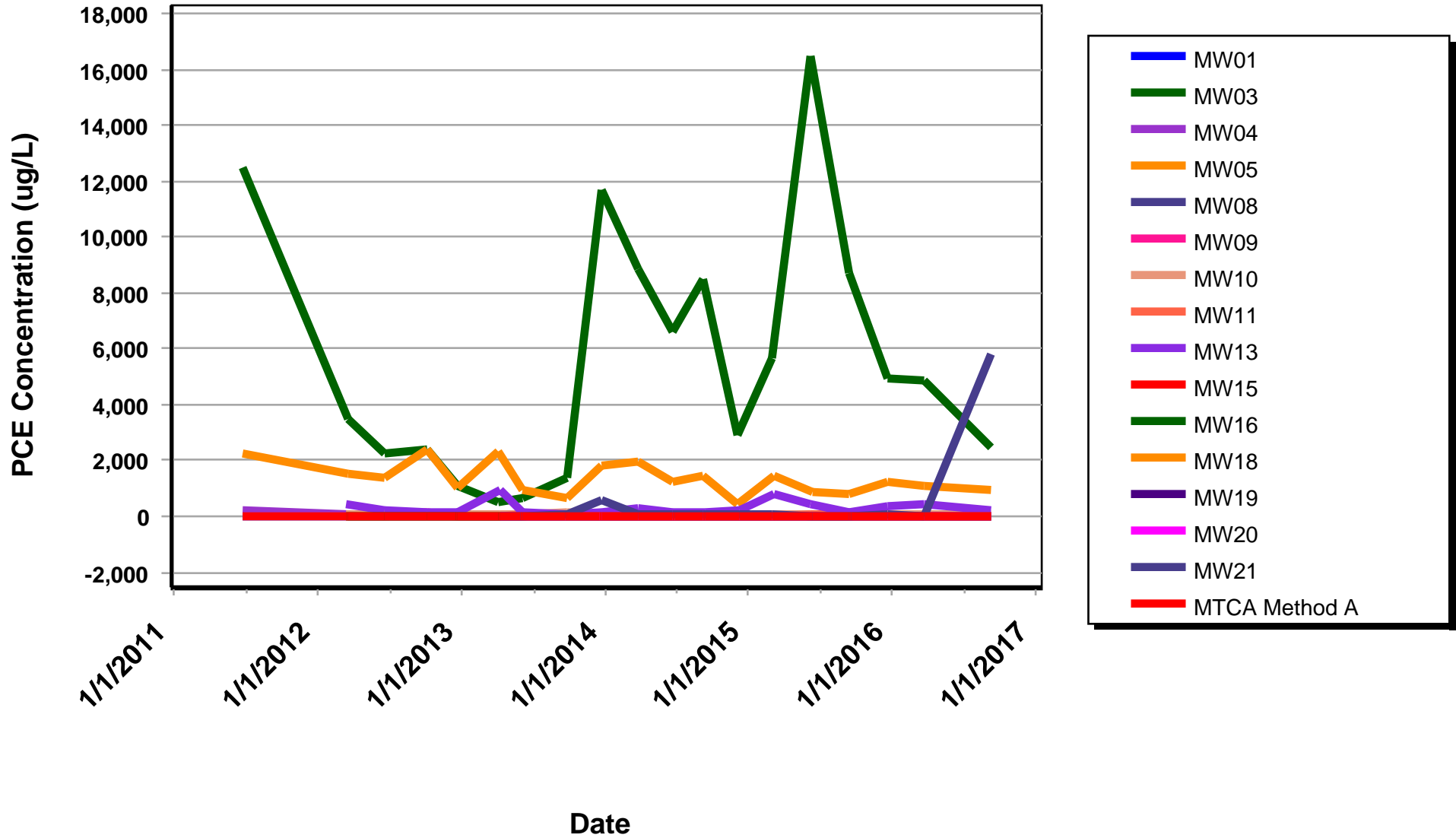
MW20



MW21



September 2016 PCE Exceedance Locations



EQUS Database Output - As of April 7, 2016

Laboratory reported detection limit value used for non-detects

APPENDIX I

NORMALIZED TREND PLOTS

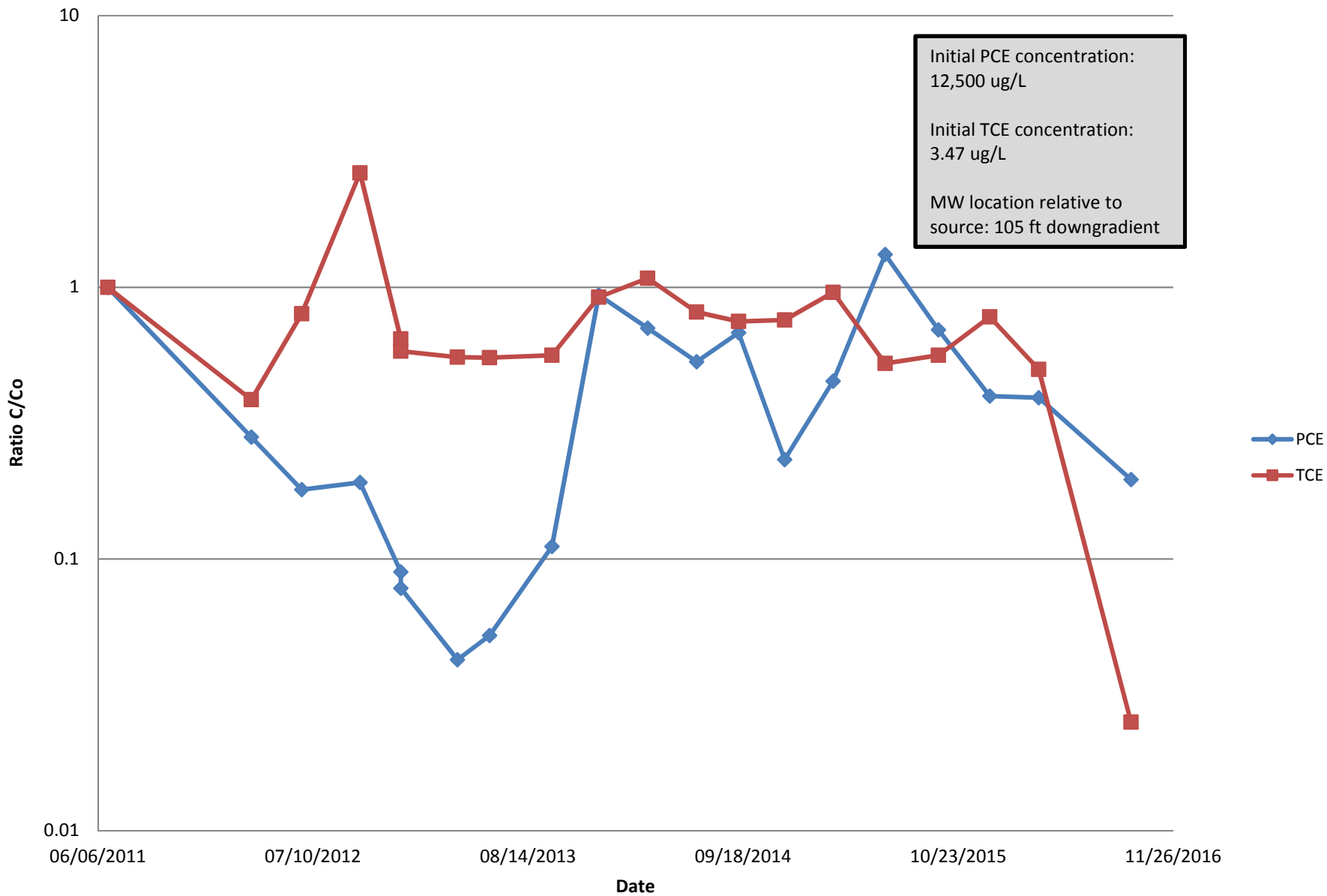


MW-3 Normalized

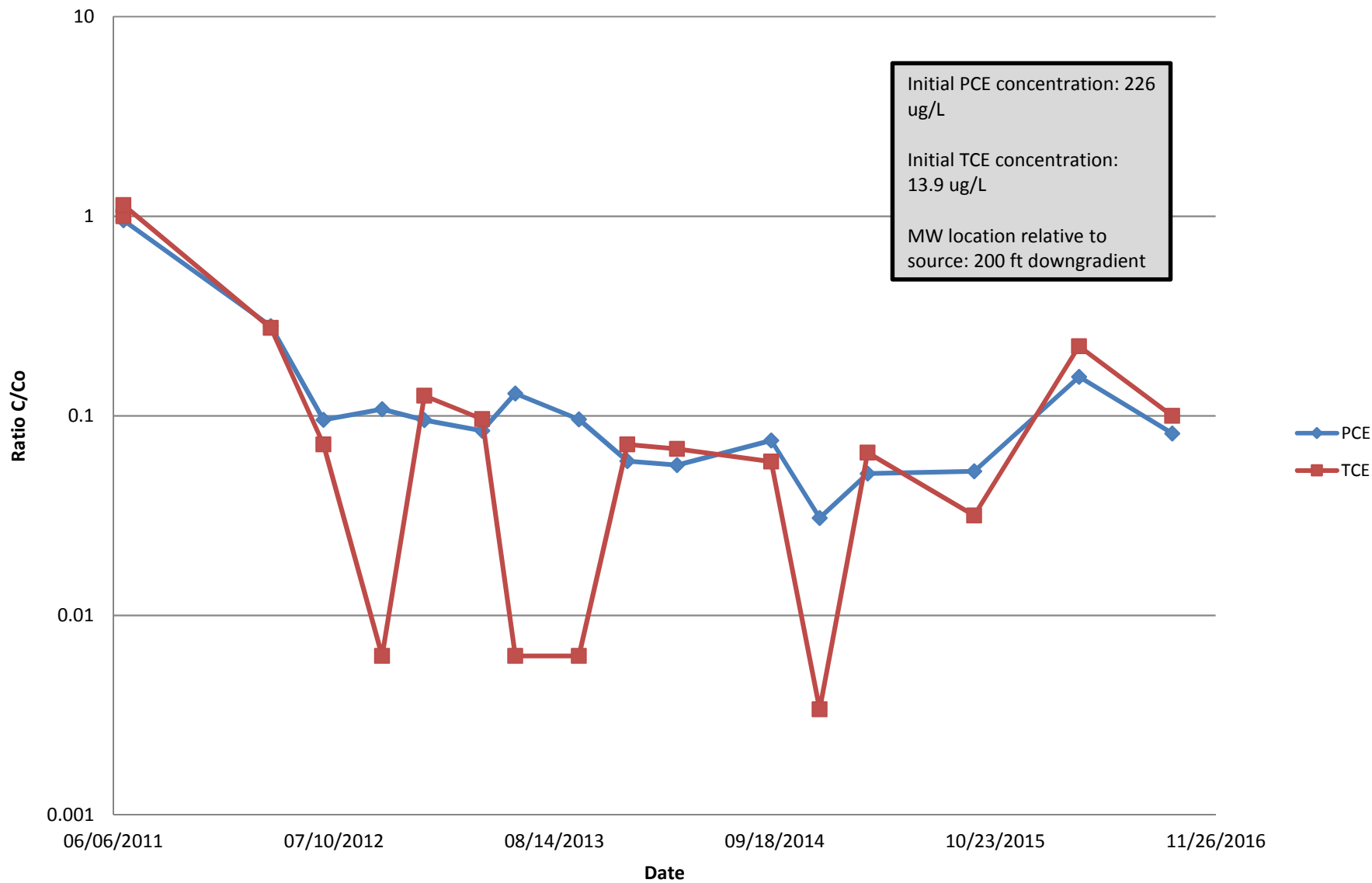
Initial PCE concentration:
12,500 ug/L

Initial TCE concentration:
3.47 ug/L

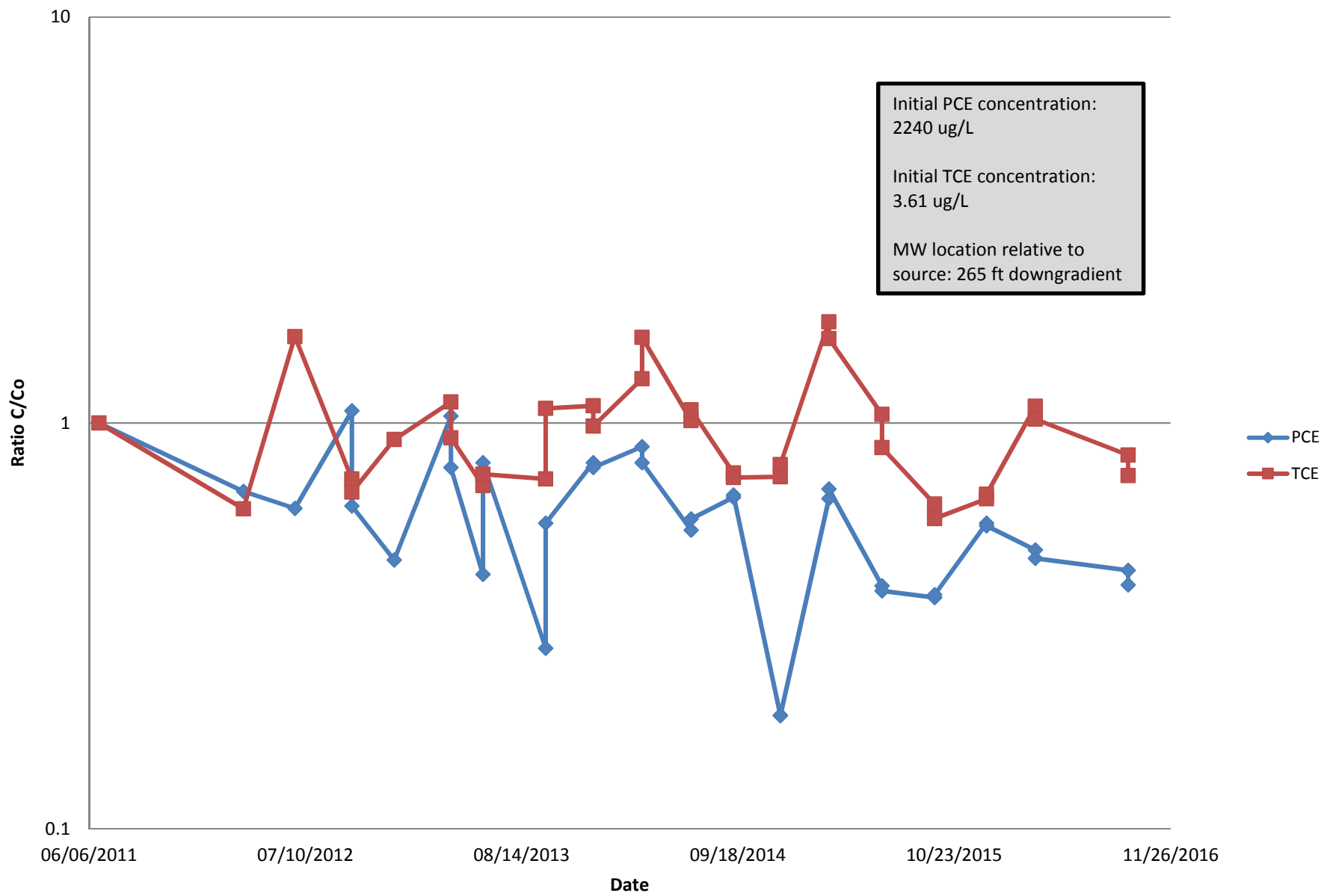
MW location relative to
source: 105 ft downgradient



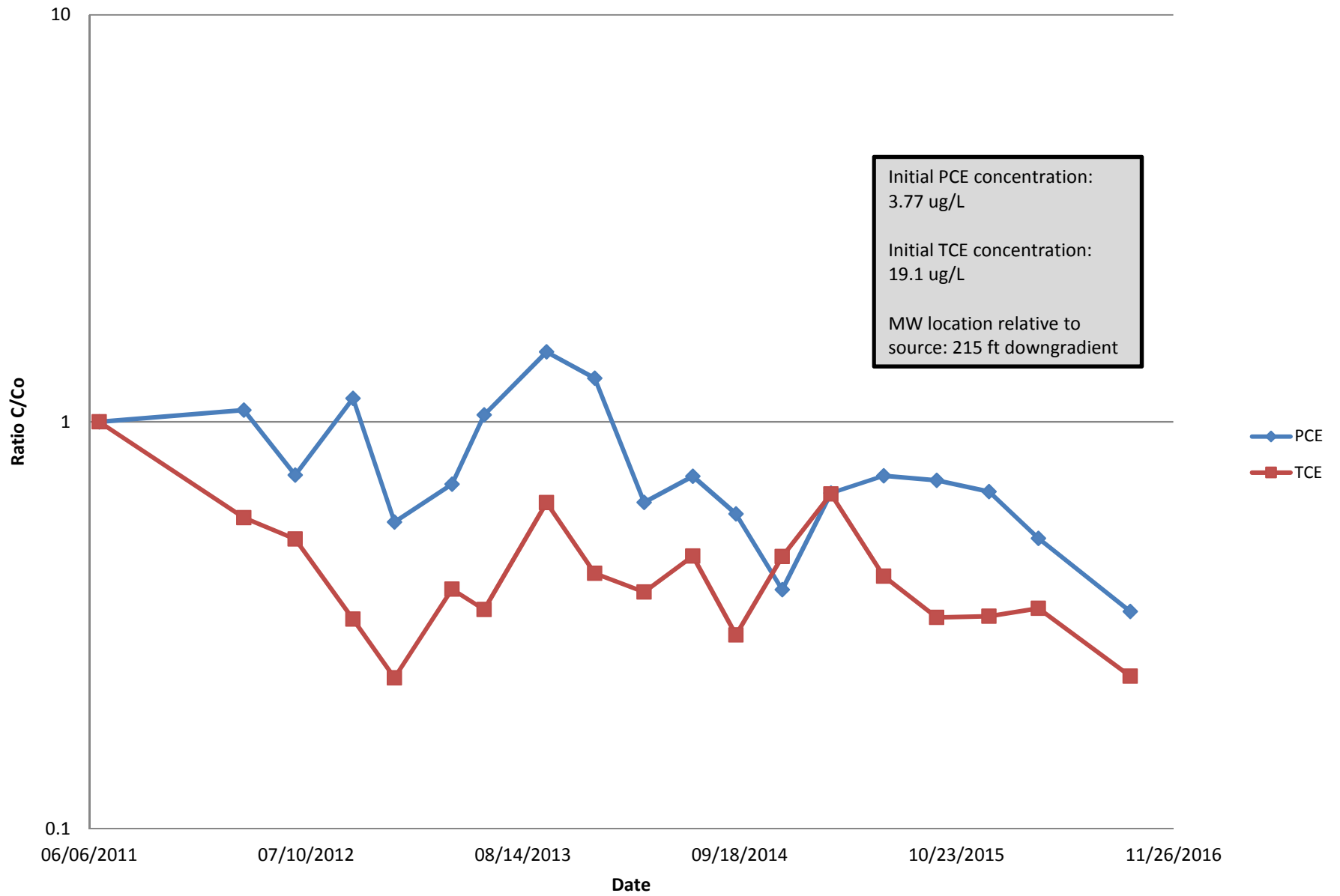
MW-4 Normalized



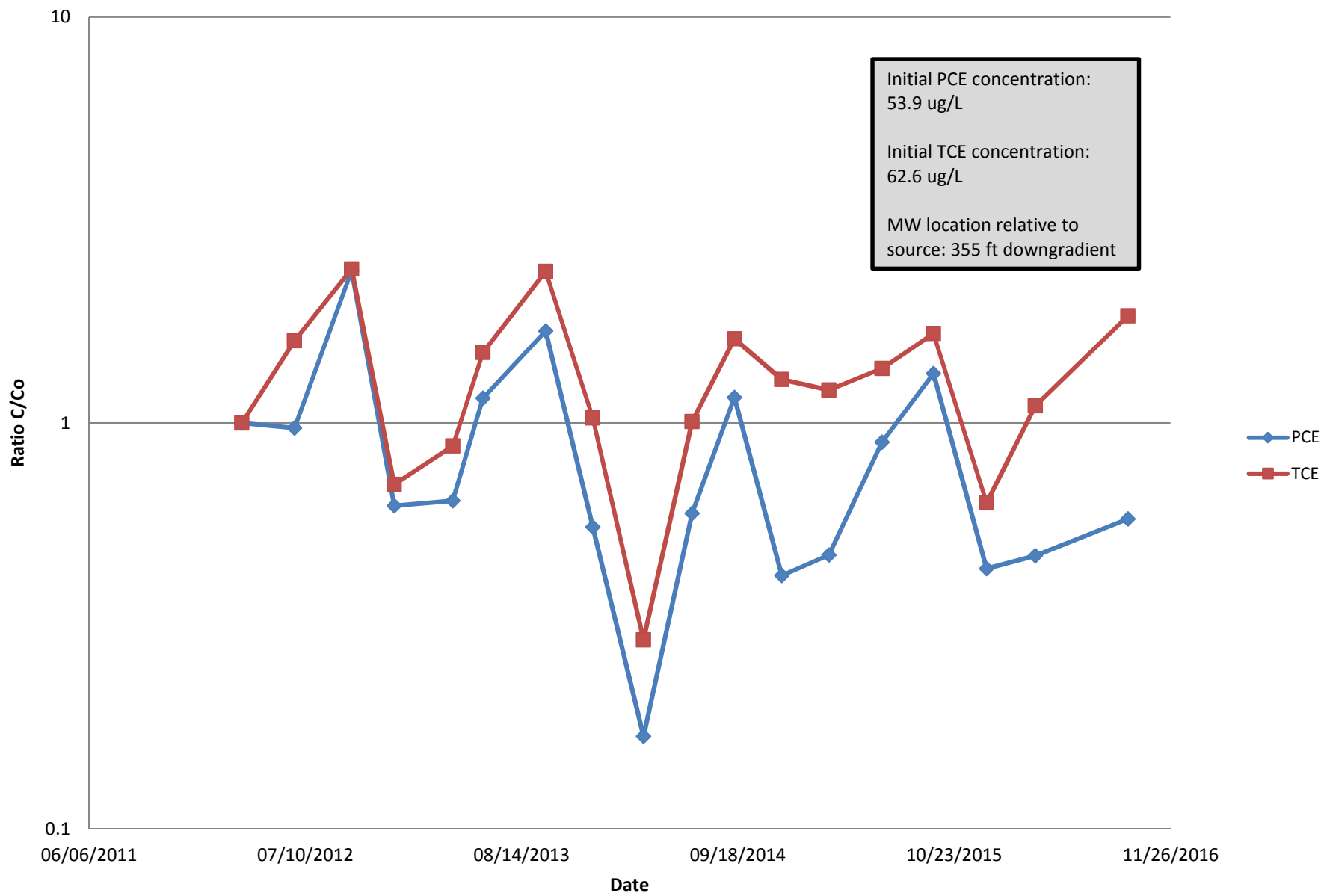
MW-5 Normalized



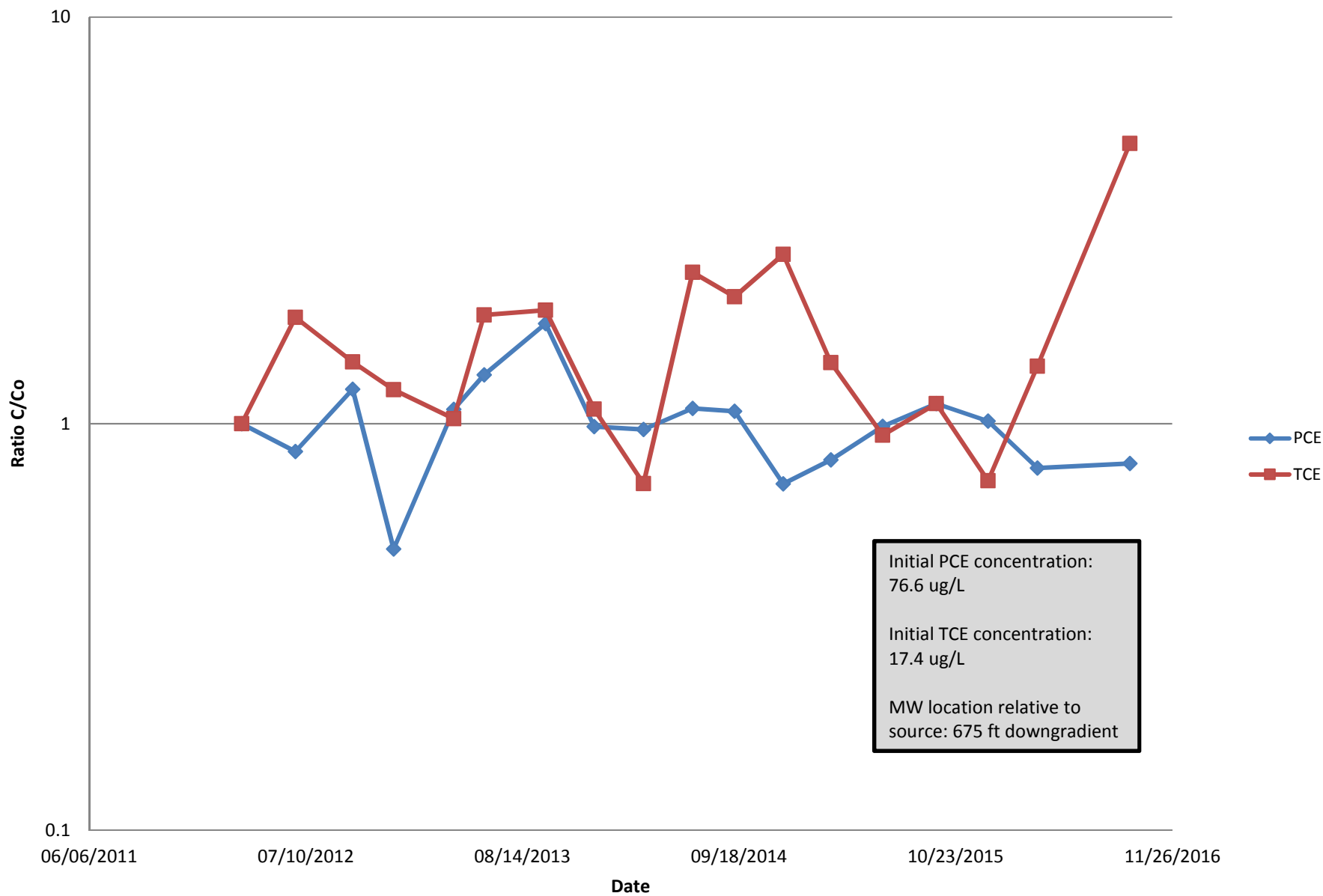
MW-6 Normalized



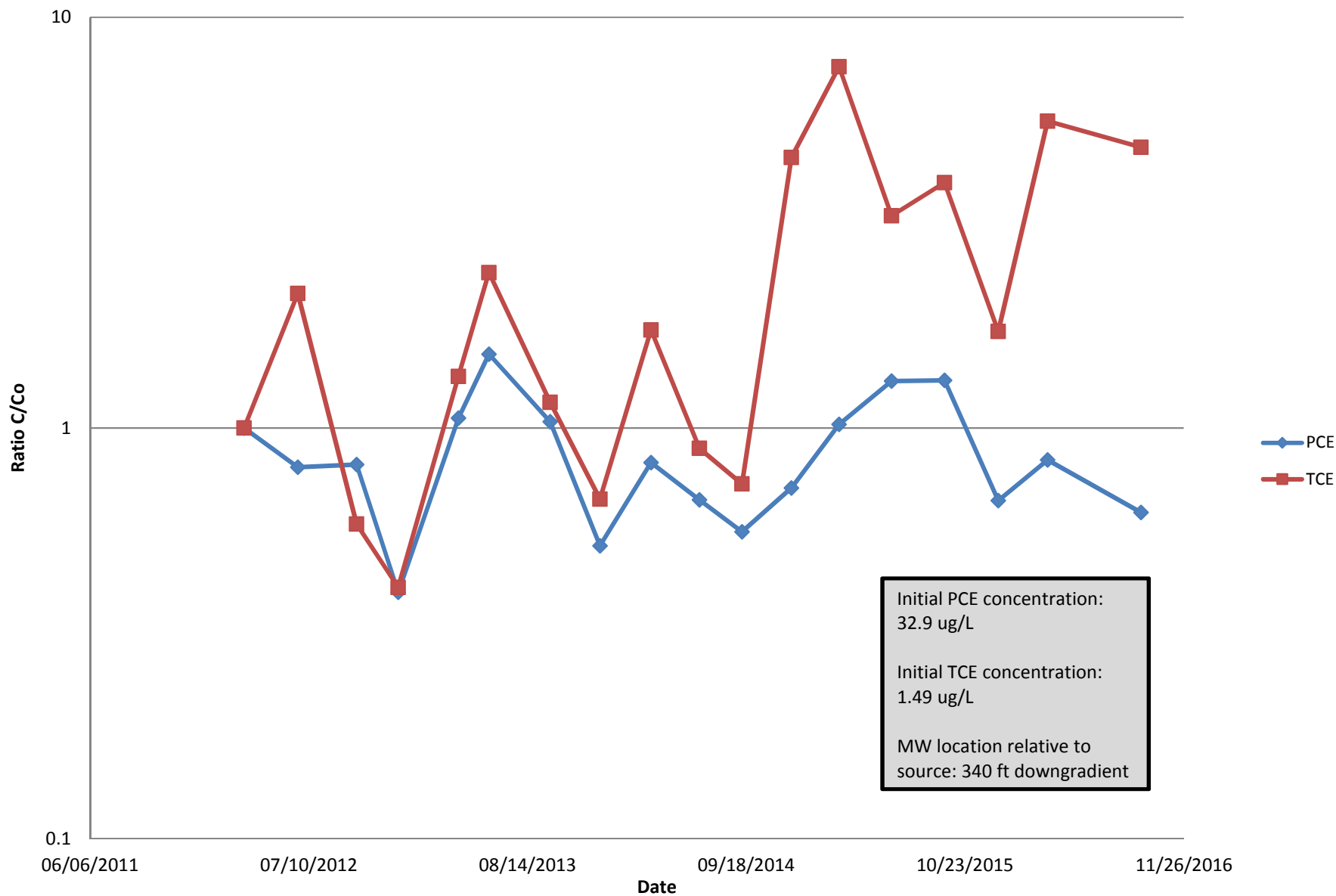
MW-9 Normalized



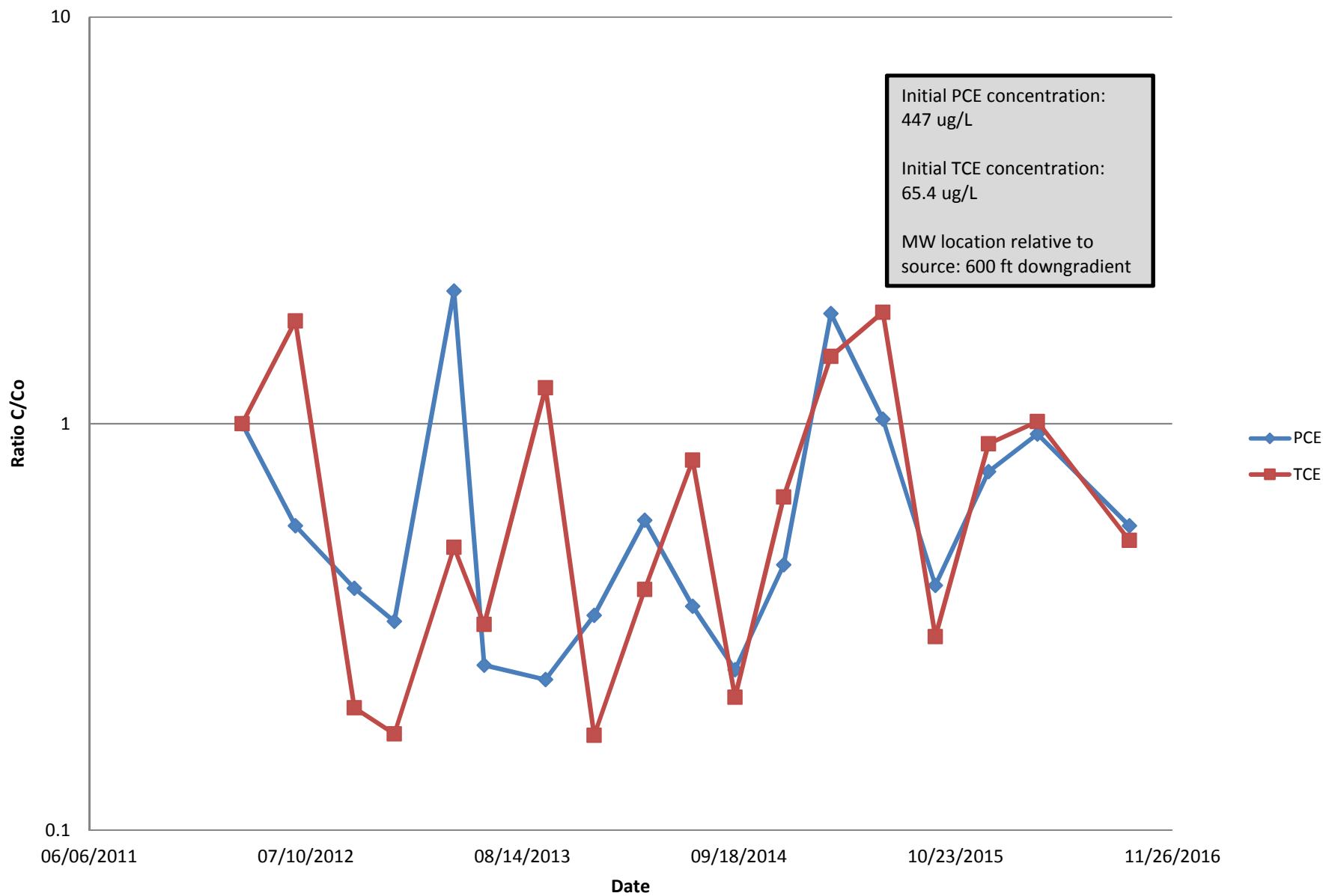
MW-10 Normalized



MW-11 Normalized



MW-13 Normalized

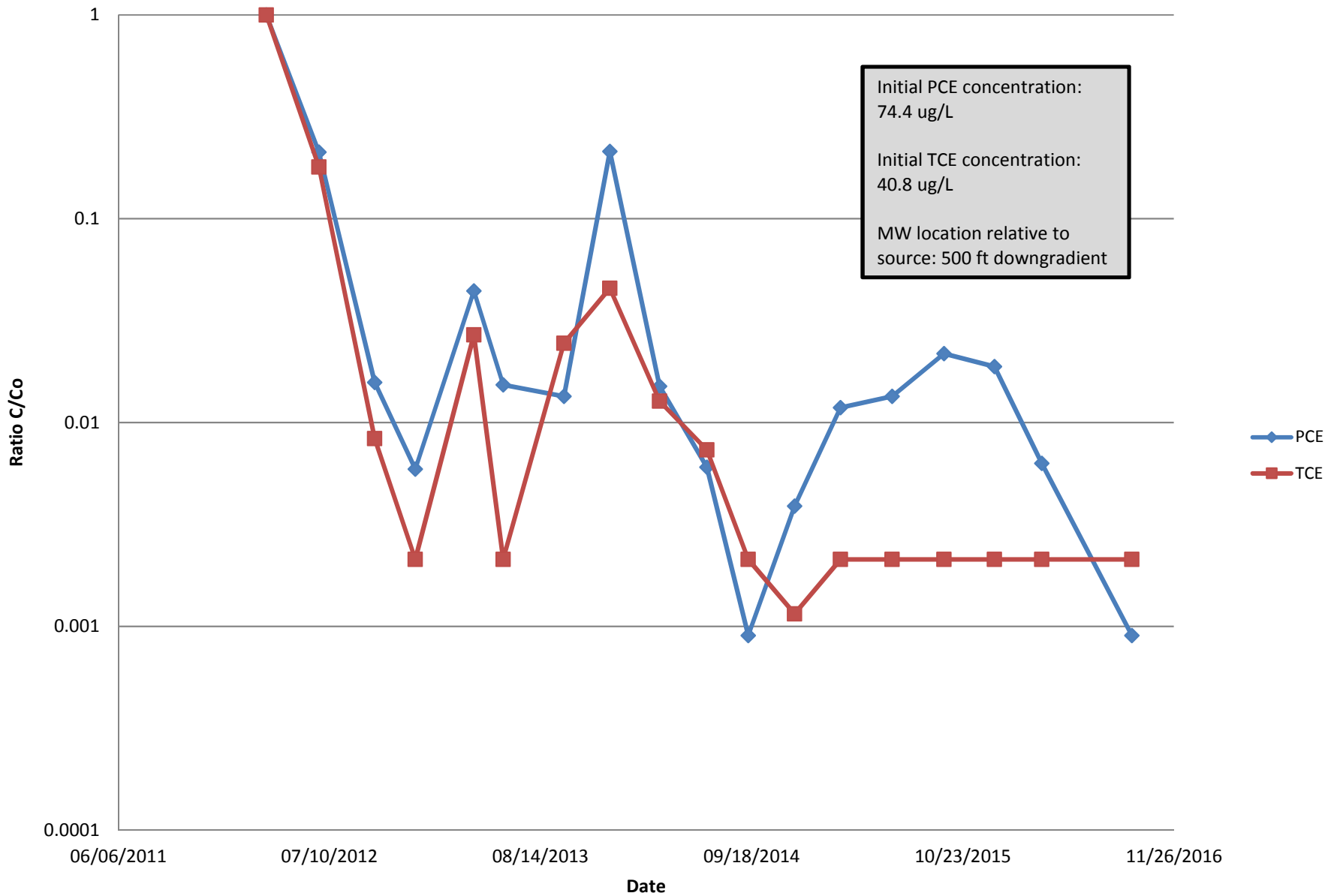


MW-14 Normalized

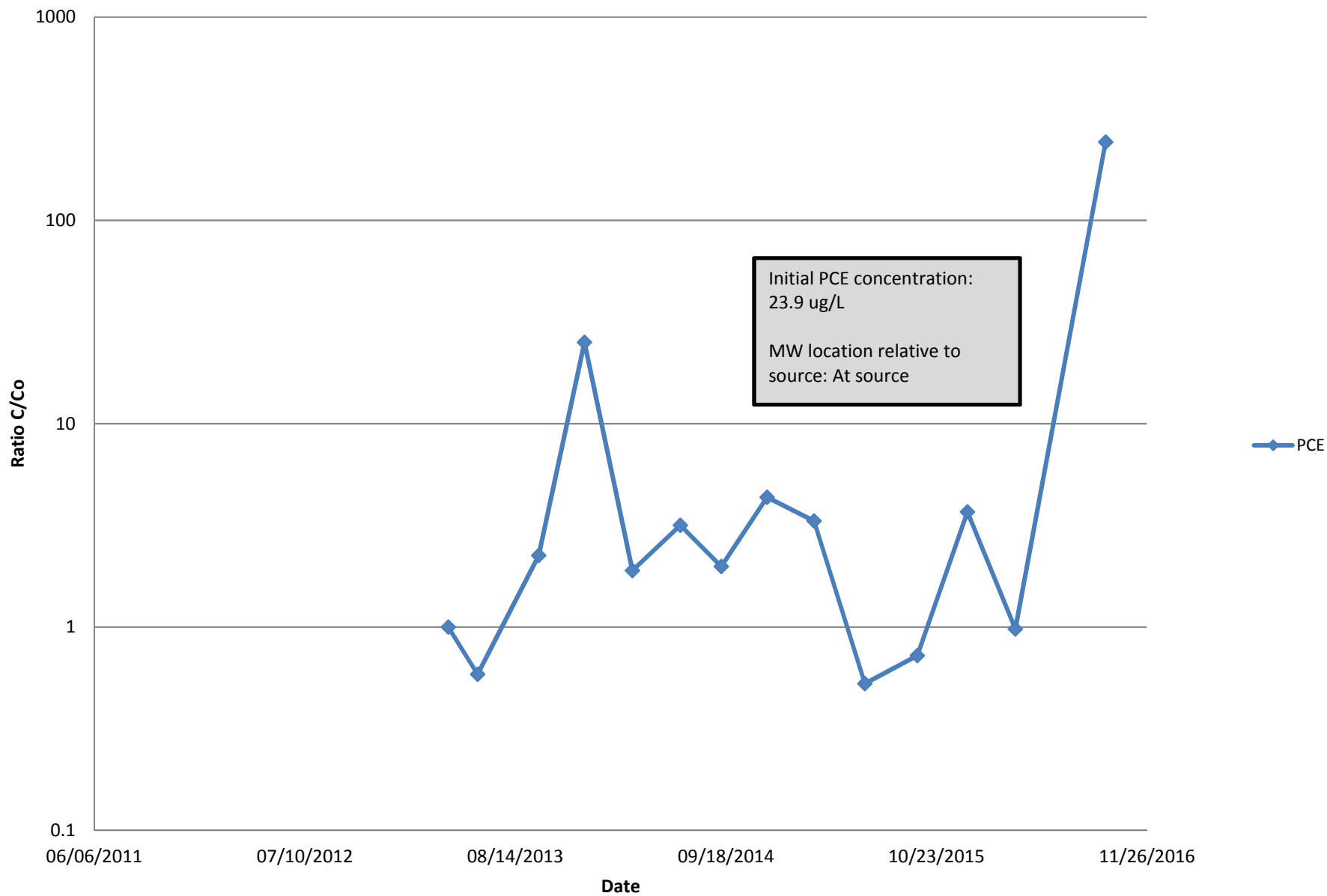
Initial PCE concentration:
74.4 ug/L

Initial TCE concentration:
40.8 ug/L

MW location relative to
source: 500 ft downgradient



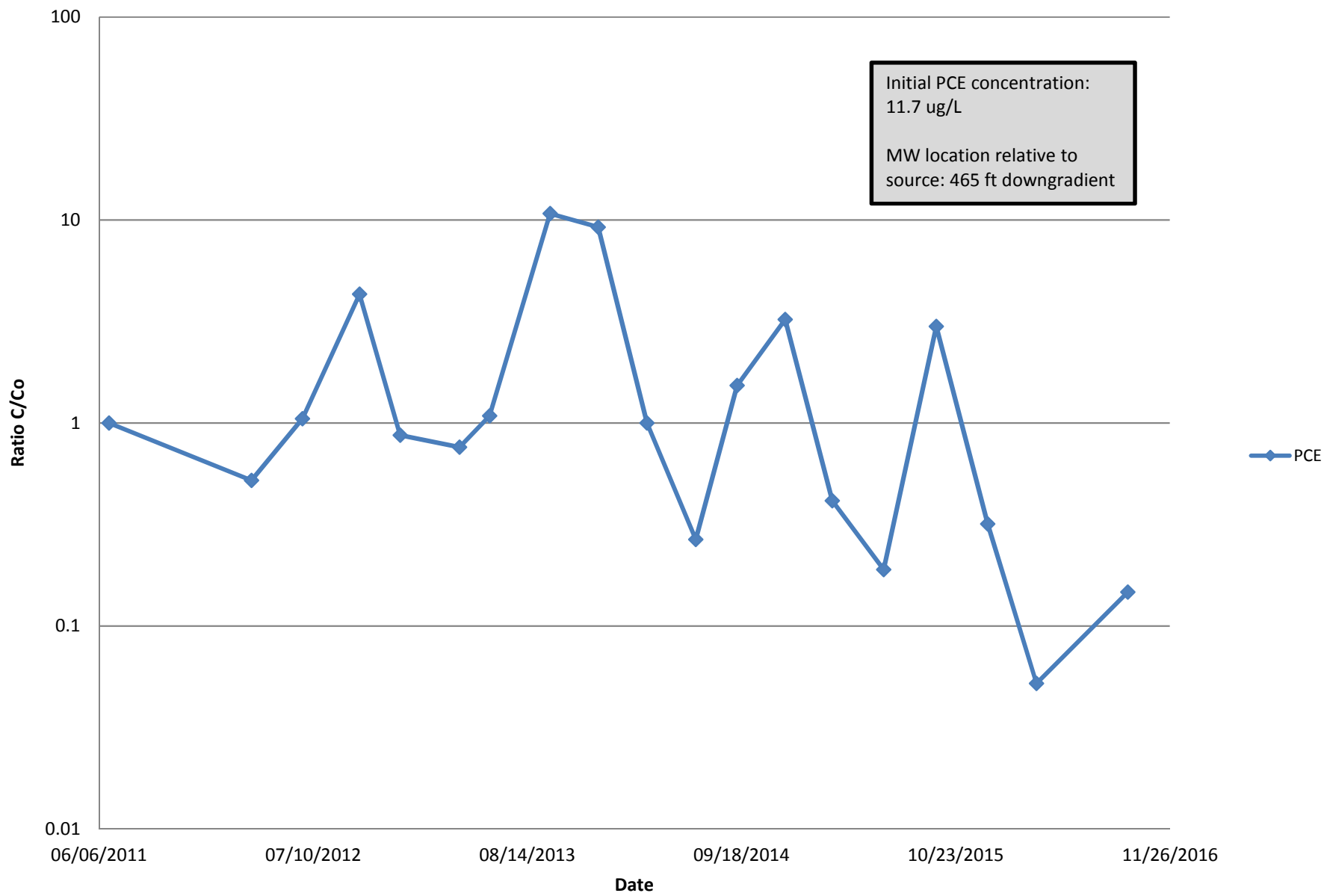
MW-21 Normalized



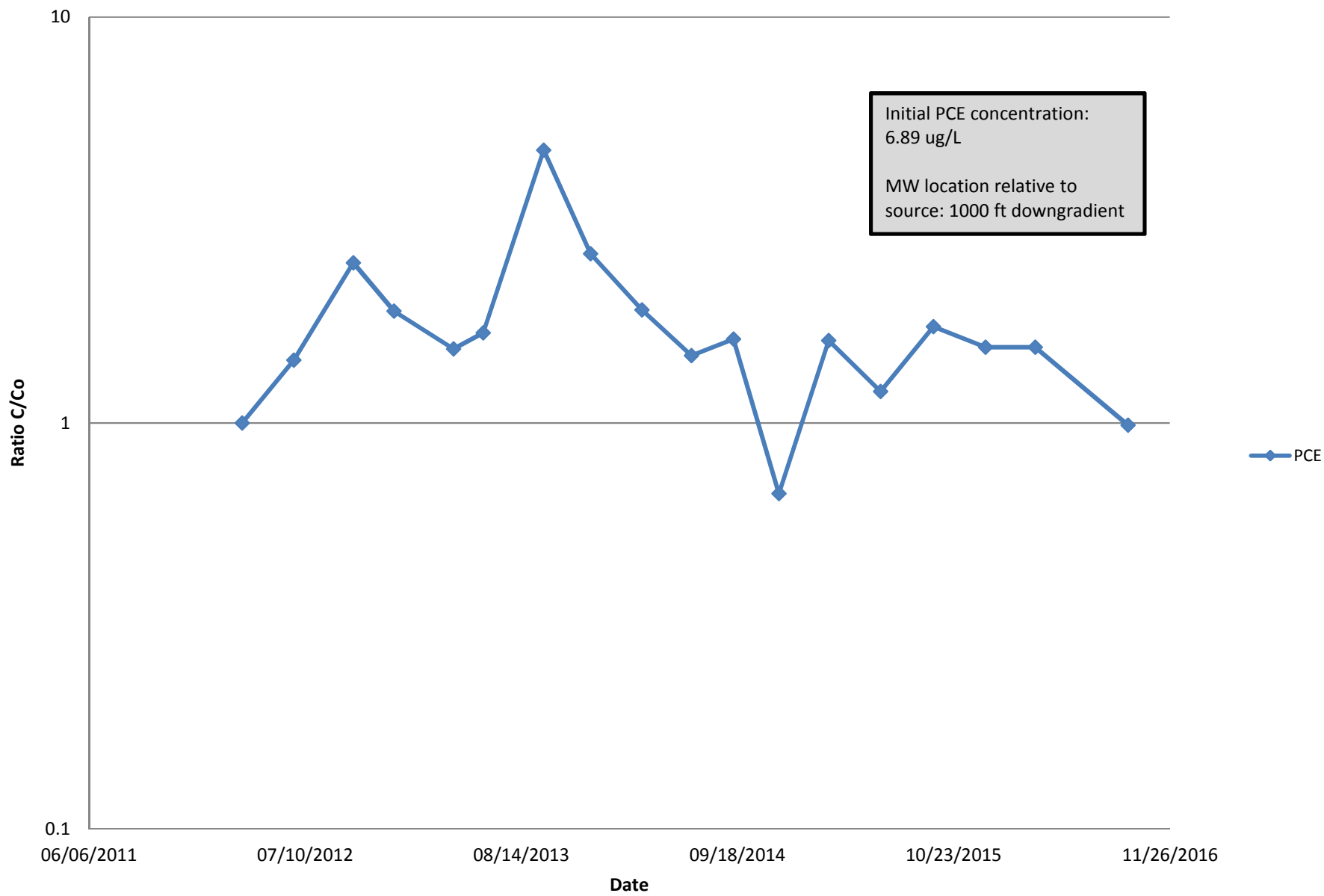
MW-7 Normalized

Initial PCE concentration:
11.7 ug/L

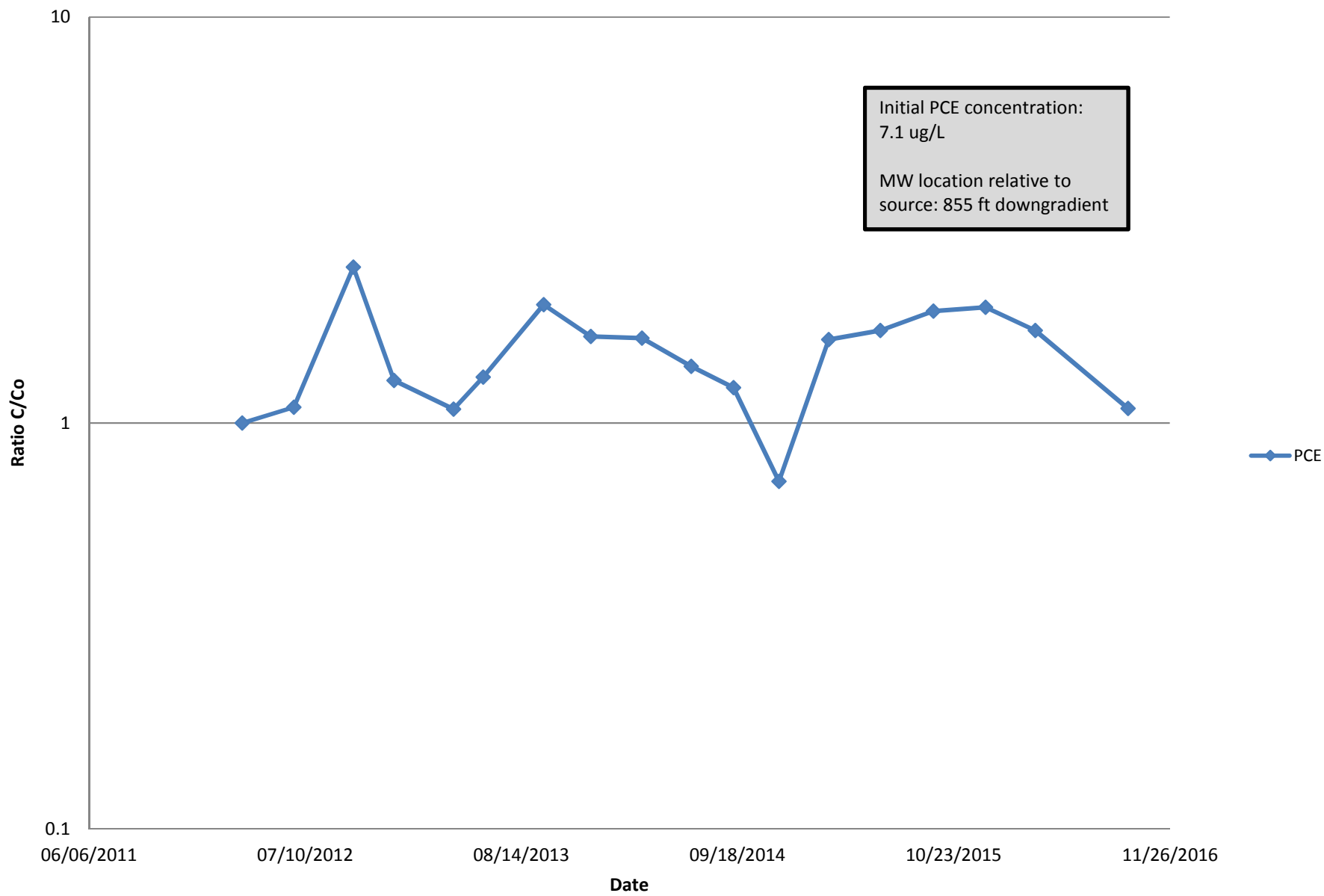
MW location relative to
source: 465 ft downgradient



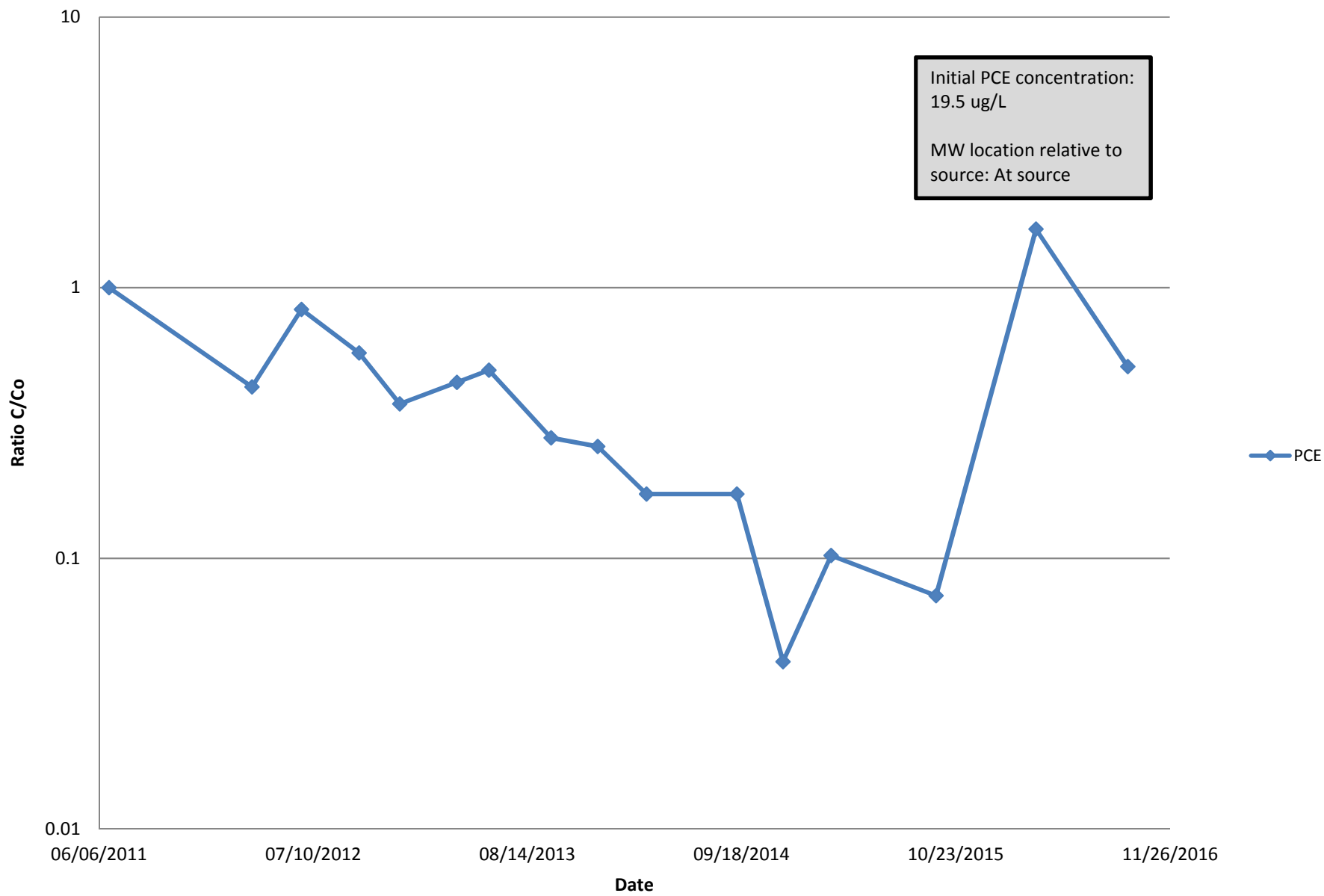
MW-15 Normalized



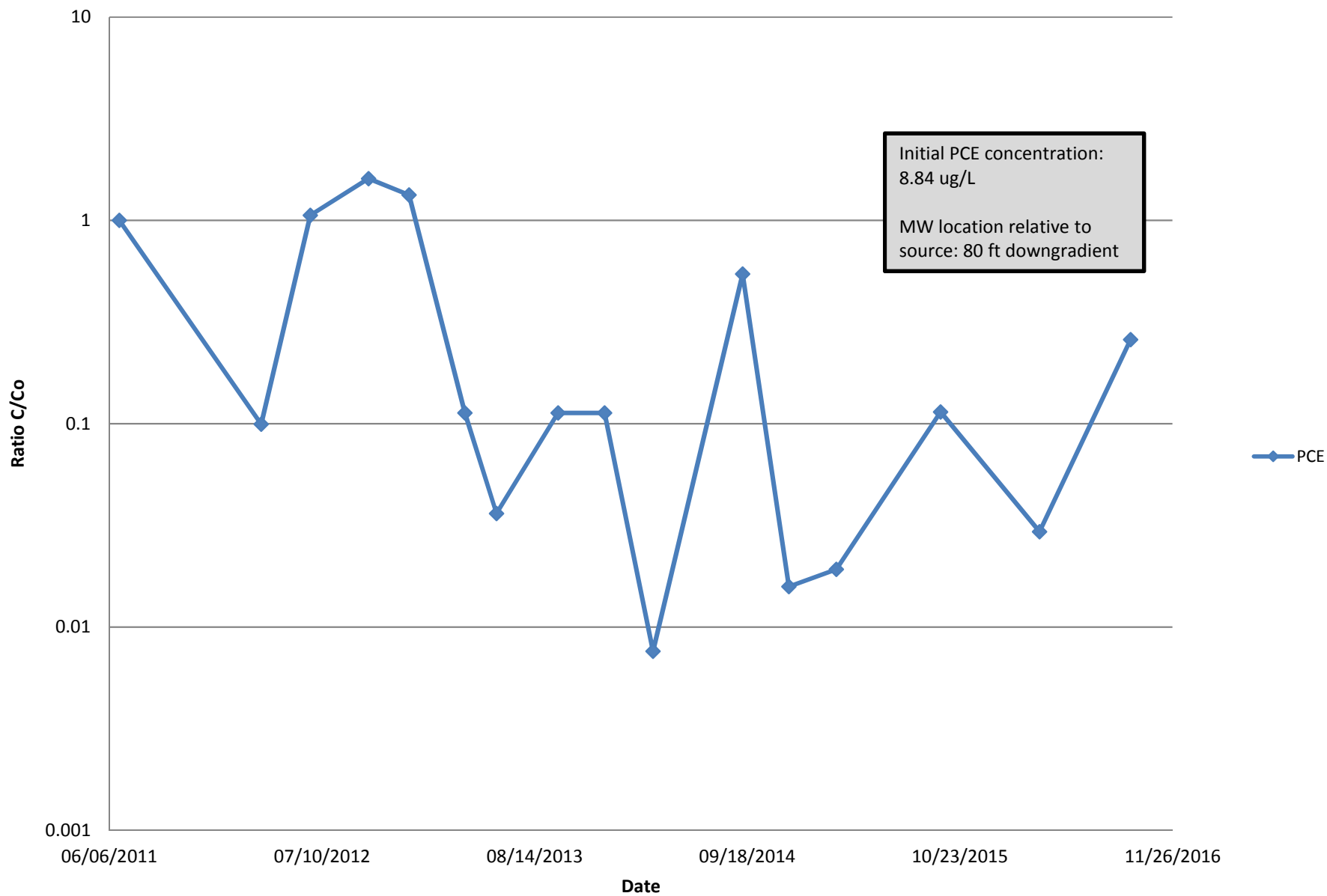
MW-16 Normalized



MW-1 Normalized



MW-2 Normalized



APPENDIX J

NATURAL ATTENUATION ANALYSIS



Attenuation Rate Calculations—December 2014
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Formulas:

Seepage Velocity $V_{GW} = -\frac{(K)(i)}{n_e}$

$i = dh/dl$

Distance Attenuation Rate Constant: slope = $\frac{k}{V_{GW}}$

dh = change in water level elevation (ft) between MW3 and MW11, measured in December 2014.

dl = distance between MW3 and MW11 (ft).

Half-life: $(0.693)/k$

The half life range for PCE^a is: High(days): 720
 Low(days): 360

Variable	K(ft/day) ^b	dh(ft)	dl(ft)	i	n _e	V _{GW} (ft/day)	slope	k (per day)	Half Life (Days)	Ref. Half Life-High (Days)	Ref. Half Life-Low (Days)
High-End Value	0.68	11.66	740	0.0157568	0.3	-0.035832032	-0.0058	0.00020783	3335	720	360
Low-End Value	2.49	11.66	740	0.0157568	0.3	-0.130531599	-0.0058	0.00075708	915	720	360

^aHoward, P. H., R. S. Boethling, W. F. Jarvis, W. M. Meylan, and E. M. Michalenko. 1991. Handbook of environmental degradation rates. Edited by H. T. Printup. Lewis Publishers.

^bThe high-end K value was calculated by taking the average K values on Table F-1 for monitoring wells MW1, MW-3, and MW4; the low-end K value was the average from monitoring wells MW15 and MW16.

Attenuation Rate Calculations—March 2015
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Formulas:

Seepage Velocity $V_{GW} = -\frac{(K)(i)}{n_e}$

$i = dh/dl$

Distance Attenuation Rate Constant: slope = $\frac{k}{V_{GW}}$

dh = change in water level elevation (ft) between MW3 and MW11, measured in March 2015.
 dl = distance between MW3 and MW11 (ft).

Half-life: $(0.693)/k$

The half life range for PCE^a is: High(days): 720
 Low(days): 360

Variable	K(ft/day) ^b	dh(ft)	dl(ft)	i	n _e	V _{GW} (ft/day)	slope	k (per day)	Half Life (days)	Ref. Half Life (High)	Ref. Half Life (Low)
High-End Value	0.68	12.57	740	0.0169865	0.3	-0.038628529	-0.0061	0.000235634	2941	720	360
Low-End Value	2.49	12.57	740	0.0169865	0.3	-0.140718885	-0.0061	0.000858385	807	720	360

^aHoward, P. H., R. S. Boethling, W. F. Jarvis, W. M. Meylan, and E. M. Michalenko. 1991. Handbook of environmental degradation rates. Edited by H. T. Printup. Lewis Publishers.

^bThe high-end K value was calculated by taking the average K values on Table F-1 for monitoring wells MW1, MW-3, and MW4; the low-end K value was the average from monitoring wells MW15 and MW16.

Natural Attenuation Parameters in Groundwater
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington

Location	Sample ID	Date	Depth (feet bgs)	Units	Carbon Dioxide ^a (mg/L)	Chloride (mg/L)	Methane ^b (mg/L)	Nitrate (mg/L as N)	Nitrite (mg/L as N)	Sulfate (mg/L)	Sulfide (mg/L as S)
MTCA Method A					NV	NV	NV	NV	NV	NV	NV
MTCA Method B					NV	NV	NV	25.6 ^b	NV	NV	NV
MW01	MW01-120414	12/04/2014	11	mg/L	44	3.02	0.0665 U	1	0.021 U	2.75	0.11 U
MW02	MW02-120514	12/05/2014	14.57	mg/L	30	1.24	0.0665 U	1.18	0.021 U	9.28	0.11 U
MW03	MW03-120414	12/04/2014	13	mg/L	35	3.45	0.0665 U	4.87	0.021 U	15	0.11 U
MW04	MW04-120814	12/08/2014	14	mg/L	18	3.9	0.0665 U	2.65	0.021 U	7.65	0.11 U
MW05	MW05-120514	12/05/2014	17.13	mg/L	28	3.56	0.0665 U	1.01	0.021 U	10.8	0.11 U
MW05	MW05-120514-DUP	12/05/2014	17.13	mg/L	35	3.57	0.0665 U	1.21	0.021 U	10.8	0.11 U
MW06	MW06-120514	12/05/2014	14	mg/L	22	4.9	0.0665 U	1.79	0.021 U	8.11	0.11 U
MW07	MW07-120814	12/08/2014	13.5	mg/L	31	5.64	0.0665 U	1.24	0.021 U	4.78	0.388 J
MW08	MW08-120414	12/04/2014	60	mg/L	68	4.43	0.0665 U	0.465	0.021 U	9.19	0.11 U
MW09	MW09-120814	12/08/2014	12.5	mg/L	50	4.26	0.0665 U	0.0913	0.021 U	8.88	0.11 U
MW10	MW10-120814	12/08/2014	27.5	mg/L	13	3.44	0.0665 U	0.67	0.021 U	6.78	1.16
MW11	MW11-120914	12/09/2014	17.5	mg/L	45	3.65	0.0665 U	1.95	0.021 U	9.01	1.16
MW13	MW13-120914	12/09/2014	17.5	mg/L	38	6.45	0.0665 U	6.06	0.021 U	8.98	0.388 J
MW14	MW14-120814	12/08/2014	20	mg/L	26	6.96	0.0665 U	0.731	0.021 U	6.34	0.388 J
MW15	MW15-120314	12/03/2014	64.95	mg/L	39	2.43	0.0665 U	3.92	0.021 U	7.33	0.11 U
MW16	MW16-120314	12/03/2014	64.53	mg/L	43	3.21	0.0665 U	3.34	0.021 U	8.67	0.11 U
MW17	MW17-120914	12/09/2014	31	mg/L	28	9.36	0.0665 U	0.039 U	0.021 U	17	1.55
MW18	MW18-120414	12/04/2014	41	mg/L	64	7.39	0.0665 U	2.82	0.021 U	7.48	0.11 U
MW19	MW19-120514	12/05/2014	63	mg/L	14	3.83	0.0665 U	0.771	0.021 U	11.8	0.11 U
MW20	MW20-120514	12/05/2014	9.67	mg/L	120	3.98	0.0665 U	0.4	0.021 U	24.2	0.388 J
MW21	MW21-120514	12/05/2014	11	mg/L	50	3.2	0.0665 U	1.87	0.021 U	10	0.11 U

NOTES:
bgs = below ground surface.
J = estimated value.
mg/L = milligrams per liter.
MTCA = Model Toxics Control Act.
MTCA Method A = MTCA standard Method A groundwater screening level values.
MTCA Method B = MTCA standard Method B groundwater screening level values for noncarcinogenic compounds.
N = Nitrogen.
S = Sulfur.
NV = no value.
U = not detected at or above the method detection limit.
^aResults reported to method reporting limit instead of method detection limit.
^bMTCA standard Method B screening level for nitrate; results are reported as nitrate nitrogen.

Table 2.3 Analytical Parameters and Weighting for Preliminary Screening for Anaerobic Biodegradation Processes^{a/}

Analysis	Concentration in Most Contaminated Zone	Interpretation	Value
Oxygen*	<0.5 mg/L	Tolerated, suppresses the reductive pathway at higher concentrations	3
Oxygen*	>5 mg/L	Not tolerated; however, VC may be oxidized aerobically	-3
Nitrate*	<1 mg/L	At higher concentrations may compete with reductive pathway	2
Iron II*	>1 mg/L	Reductive pathway possible; VC may be oxidized under Fe(III)-reducing conditions	3
Sulfate*	<20 mg/L	At higher concentrations may compete with reductive pathway	2
Sulfide*	>1 mg/L	Reductive pathway possible	3
Methane*	<0.5 mg/L	VC oxidizes	0
	>0.5 mg/L	Ultimate reductive daughter product, VC Accumulates	3
Oxidation Reduction Potential* (ORP) against Ag/AgCl electrode	<50 millivolts (mV)	Reductive pathway possible	1
	<-100mV	Reductive pathway likely	2
pH*	5 < pH < 9	Optimal range for reductive pathway	0
	5 > pH >9	Outside optimal range for reductive pathway	-2
TOC	> 20 mg/L	Carbon and energy source; drives dechlorination; can be natural or anthropogenic	2
Temperature*	> 20°C	At T >20°C biochemical process is accelerated	1
Carbon Dioxide	>2x background	Ultimate oxidative daughter product	1
Alkalinity	>2x background	Results from interaction between CO ₂ and aquifer minerals	1
Chloride*	>2x background	Daughter product of organic chlorine	2
Hydrogen	>1 nM	Reductive pathway possible, VC may accumulate	3
Hydrogen	<1 nM	VC oxidized	0
Volatile Fatty Acids	> 0.1 mg/L	Intermediates resulting from biodegradation of more complex compounds; carbon and energy source	2
BTEX*	> 0.1 mg/L	Carbon and energy source; drives dechlorination	2
Tetrachloroethene		Material released	0
Trichloroethene*		Material released	0
		Daughter product of PCE	2 ^{a/}
DCE*		Material released	0
		Daughter product of TCE	2 ^{a/}
		If cis is > 80% of total DCE it is likely a daughter product	
		1,1-DCE can be chemical reaction product of TCA	
VC*		Material released	0
		Daughter product of DCE	2 ^{a/}
1,1,1-Trichloroethane*		Material released	0
DCA		Daughter product of TCA under reducing conditions	2
Carbon Tetrachloride		Material released	0
Chloroethane*		Daughter product of DCA or VC under reducing conditions	2
Ethene/Ethane	>0.01mg/L	Daughter product of VC/ethene	2
	>0.1 mg/L		3
Chloroform		Material released	0
		Daughter product of Carbon Tetrachloride	2
Dichloromethane		Material released	0
		Daughter product of Chloroform	2

* Required analysis. a/ Points awarded only if it can be shown that the compound is a daughter product (i.e., not a constituent of the source NAPL).

**Natural Attenuation Analysis
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington**

Well No.	Designation	Analyte	Concentration in Most Contaminated Zone	Points Awarded
MW03	Highest concentrations of PCE	Oxygen	1.51 mg/L	1
		Sulfate	15 mg/L	2
		Methane	ND (0.0665 U mg/L)	0
		pH	5.81	0
		PCE (released)	2900 ug/L	0
		TCE (none released)	2.63 ug/L	2
		cis-DCE (none released)	1.58 ug/L	2
		TOC	240 mg/kg	2
		Nitrate	4.87 mg/L	0
		Iron II	0 mg/L	0
		Sulfide	ND (0.11 U mg/L as S)	0
		ORP	115.7	0
			Total Points Awarded	9
MW05	Downgradient of source area—inside dissolved contaminant plume	Oxygen	2.00 mg/L	-1
		Sulfate	10.8 mg/L	2
		Methane	ND (0.0665 U mg/L)	0
		pH	6.81	0
		PCE (released)	427 ug/L	0
		TCE (none released)	2.85 ug/L	2
		cis-DCE (none released)	ND (0.045 U ug/L)	0
		TOC	NA	2
		Nitrate	1.21 mg/L	0
		Iron II	0 mg/L	0
		Sulfide	ND (0.11 U mg/L as S)	0
		ORP	109.7	0
			Total Points Awarded	5
MW10	Downgradient of source area—inside dissolved contaminant plume	Oxygen	0.65 mg/L	2
		Sulfate	6.78 mg/L	2
		Methane	ND (0.0665 U mg/L)	0
		pH	7.18	0
		PCE (released)	54.5 ug/L	0
		TCE (none released)	45.4 ug/L	2
		cis-DCE (none released)	ND (0.045 U ug/L)	0
		TOC	470 mg/kg	2
		Nitrate	0.67 mg/L	2
		Iron II	0.25 mg/L	0
		Sulfide	1.16 mg/L as S	3
		ORP	2	0
			Total Points Awarded	13

**Natural Attenuation Analysis
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington**

Well No.	Designation	Analyte	Concentration in Most Contaminated Zone	Points Awarded
MW13	Downgradient of source area—inside dissolved contaminant plume	Oxygen	3.39 mg/L	-1
		Sulfate	8.98 mg/L	2
		Methane	ND (0.0665 U mg/L)	0
		pH	6.82	0
		PCE (released)	201 ug/L	0
		TCE (none released)	43.2 ug/L	2
		cis-DCE (none released)	ND (0.045 U ug/L)	0
		TOC	590 mg/kg	2
		Nitrate	6.06 mg/L	0
		Iron II	0 mg/L	0
		Sulfide	0.388 J mg/L as S	0
		ORP	57.4	0
			Total Points Awarded	5
MW21	Downgradient of source area—inside dissolved contaminant plume	Oxygen	2.31 mg/L	-1
		Sulfate	10 mg/L	2
		Methane	ND (0.0665 U mg/L)	0
		pH	5.88	0
		PCE (released)	104 ug/L	0
		TCE (none released)	ND (0.047 U mg/L)	0
		cis-DCE (none released)	ND (0.045 U ug/L)	0
		TOC	240 mg/kg	2
		Nitrate	4.87 mg/L	0
		Iron II	0 mg/L	0
		Sulfide	ND (0.11 U mg/L as S)	0
		ORP	103.6	0
			Total Points Awarded	3

NOTES:

Analysis was completed using natural attenuation parameter groundwater data collected on December 4, 2014.

MW03 is the monitoring well with the highest concentrations of PCE. Carbon dioxide and chloride levels are compared to MW21 and MW17 concentrations as representing background levels. TCE and DCE are assumed to be daughter products, as there are no other known sources of those compounds.

TOC data are based on results from borings advanced on September 17, 2014, near the respective monitoring wells.

DCE = dichloroethene.

J = estimated.

mg/kg = milligrams per kilogram.

mg/L = milligrams per liter.

NA = not analyzed.

ND = not detected.

ORP = oxygen-reduction potential.

PCE = tetrachloroethene.

S = Sulfur.

TCE = trichloroethene.

TOC = total organic carbon.

U = not detected at or above the method reporting limit.

ug/L = micrograms per liter.

APPENDIX K

TERRESTRIAL ECOLOGICAL EVALUATION



TERRESTRIAL ECOLOGICAL EVALUATION

The terrestrial ecological evaluation (TEE) process is required at all Model Toxics Control Act (MTCA) sites where there has been a release or threatened release of a hazardous substance that may pose a threat to human health or the environment. The TEE procedure is structured with the intent to protect terrestrial wildlife at industrial and commercial sites, and terrestrial plants, soil biota, and terrestrial wildlife at other sites, as provided under Washington Administrative Code (WAC) 173-340-7490(3)(b).

The site is a flat parcel approximately 25 feet long (north-south) and 100 feet wide (east-west) and is covered with low-growing vegetation (primarily non-native grasses and weeds). The site is zoned as Downtown Mixed Use and is surrounded by commercial properties and paved roads that likely are unattractive to wildlife; a vacant lot with some mature trees is directly north; an alleyway (owned by the City of Ridgefield) and a concrete skate park are directly east; a police station is directly south; and Main Avenue and a restaurant are directly west of the Property (122 N. Main Avenue, Ridgefield, Washington). Adjacent to the railroad corridor, to the west and within 500 feet of the site, are some undeveloped areas with low-growing grasses (see the attached figure); note that an overpass originating at the end of Pioneer Street that will pass through the undeveloped area and across the railroad corridor is currently under development.

Local and migrating populations of birds and wildlife in the area are most likely to utilize the high-quality habitat that the nearby Ridgefield National Wildlife Refuge (RNWR) provides. The higher-quality habitat is located more than 500 feet west of the site along Lake River and the RNWR River "S" Unit and more than 500 feet to the northwest near Carty Lake in the RNWR Carty Unit. Based on Washington State Department of Fish and Wildlife information, threatened/endangered and priority species and habitats are unlikely to be present at or within 500 feet of the site (see Attachment 1).

An initial step in the TEE process is to determine whether a site qualifies for a TEE exclusion. If the site meets at least one of the four exclusionary criteria, then no further evaluation of ecological risk is necessary (WAC 173-340-7491). The four exclusionary criteria are: (1) contamination is present only below the point of compliance (i.e., below 15 feet below ground surface [bgs], provided institutional controls to limit exposure to 0 to 6 feet bgs are not in place or planned), (2) incomplete exposure pathway (i.e., all soil will be covered by physical barriers), (3) type of contamination and proximity to ecological receptors (i.e., the site is located on or near a limited amount of undeveloped land), and (4) all concentrations are below background levels. MTCA does not identify the chemicals of concern at the site (chlorinated volatile organic compounds [VOCs]) as priority contaminants for the TEE, and no MTCA screening values are available for these VOCs. However, according to a review of current literature, concentrations between 0 and 15 feet bgs exceed available U.S. Environmental Protection Agency (USEPA) screening criteria.¹ It

¹ For example, soil concentrations exceed the USEPA Region 5 ecological screening level (ESL) of 9.92 milligrams per kilogram for tetrachloroethene at locations GP52-S-12.5 and B8-S-14.5. Note that these depths (12.5 feet and 14.5 feet, respectively) are below the typical biologically active zone of 0 to 6 feet bgs; however, 0 to 15 feet bgs must be considered, provided institutional controls to limit exposure

is therefore concluded that exclusionary criterion 1 is not met. The site does not meet exclusionary criteria 2 and 3, as it is uncertain whether future development will cover all areas of potential exposure and the site is within 500 feet of more than 1.5 acres of undeveloped land. Chlorinated VOCs are anthropogenic, and exclusionary criterion 4 is not met. Since the site cannot be definitively excluded from the TEE process, a simplified or site-specific TEE is required.

The simplified TEE is intended to identify only those sites that do not have substantial potential for posing a threat of significant adverse effects to terrestrial ecological receptors and that therefore may be removed from further ecological consideration during the remedial investigation and cleanup process (WAC 173-340-7492). MTCA specifies that a simplified TEE applies provided the site is (1) not located on or adjacent to natural areas, (2) not utilized by vulnerable species, (3) less than 10 acres of native vegetation is present in the site vicinity, and (4) there is no risk to significant wildlife populations, as determined by the Washington State Department of Ecology (WAC 173-340-7491). A simplified TEE is appropriate: the site is located in a developed town center with minimal surrounding native vegetation, and no species of concern are identified for the site (see Attachment 1).

WAC 173-340-7492(2) provides the steps necessary for conducting the simplified TEE. The simplified TEE can be ended if any of three criteria (exposure analysis, pathway analysis, and toxicity analysis) are met. MTCA Table 749-1 provides steps for conducting the exposure analysis to determine whether land use at a site and the surrounding area is likely to result in substantial wildlife exposure. If this is demonstrated, MTCA requires no further evaluation and concludes that a site does not pose a substantial threat to potential ecological receptors.

The exposure analysis and site visit were conducted by Maul Foster & Alongi, Inc., on October 31, 2014 (see the attached figure). A photo log of the site is provided as Attachment 2. The completed MTCA Table 749-1, included as Attachment 3, shows that the site is unlikely to pose a threat to ecological receptors and that no further evaluation is necessary. The attached table shows the rationale for the scoring on Table 749-1.

Attachments: Table
Figure
1—Species of Concern Report
2—Site Photographs
3—MTCA Table 749-1

to 0 to 6 feet bgs are not in place or planned. ESLs are developed to support precautionary screening assessments and exceedances do not necessarily indicate unacceptable ecological risk.

TABLE



**Table
Simplified TEE Scoresheet
Former Park Laundry
Union Ridge Investment Company
Ridgefield, Washington**

Line Number	Scoring Parameters	Score	Rationale																				
1	<p>Estimate the area of contiguous (connected) undeveloped land on the site or within 500 feet of any area of the site to the nearest 1/2 acre (1/4 acre if the area is less than 0.5 acre). From the table below, find the number of points corresponding to the area and enter this number in the field to the right.</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: right;">Area (acres)</td> <td style="text-align: left;">Points</td> </tr> <tr> <td style="text-align: right;">0.25 or less</td> <td style="text-align: left;">4</td> </tr> <tr> <td style="text-align: right;">0.5</td> <td style="text-align: left;">5</td> </tr> <tr> <td style="text-align: right;">1.0</td> <td style="text-align: left;">6</td> </tr> <tr> <td style="text-align: right;">1.5</td> <td style="text-align: left;">7</td> </tr> <tr> <td style="text-align: right;">2.0</td> <td style="text-align: left;">8</td> </tr> <tr> <td style="text-align: right;">2.5</td> <td style="text-align: left;">9</td> </tr> <tr> <td style="text-align: right;">3.0</td> <td style="text-align: left;">10</td> </tr> <tr> <td style="text-align: right;">3.5</td> <td style="text-align: left;">11</td> </tr> <tr> <td style="text-align: right;">4.0 or more</td> <td style="text-align: left;">12</td> </tr> </table>	Area (acres)	Points	0.25 or less	4	0.5	5	1.0	6	1.5	7	2.0	8	2.5	9	3.0	10	3.5	11	4.0 or more	12	10	<p>The site is approximately 25 feet long (north-south) and 100 feet wide (east-west) and covered with low-growing vegetation (grasses). The site is surrounded by commercial uses; a vacant lot with some mature trees is directly north; an alleyway owned by the City of Ridgefield (City) and a skate park are directly east; a police station is directly south; and Main Avenue and a restaurant are directly west of the Property. Some undeveloped areas with low-growing grasses are located to the west within 500 feet of the site; these areas are adjacent to the railroad corridor, which likely deters significant wildlife/avian use (see the figure). The figure includes areas considered contiguous with the site, although commercial structures and roads likely inhibit significant wildlife movement between the site and undeveloped areas identified.</p>
Area (acres)	Points																						
0.25 or less	4																						
0.5	5																						
1.0	6																						
1.5	7																						
2.0	8																						
2.5	9																						
3.0	10																						
3.5	11																						
4.0 or more	12																						
2	<p>Is this an industrial or commercial property? If yes, enter a score of 3. If no, enter a score of 1.</p>	3	<p>The site is zoned as Downtown Mixed Use and is surrounded by commercial uses.</p>																				
3	<p>Enter a score in the box to the right for the habitat quality of the site, using the following rating system. High=1, Intermediate=2, Low=3.</p>	3	<p>The site is surrounded by development and consists primarily of non-native grasses and weeds; two trees are located adjacent (to the east) of the property.</p>																				
4	<p>Is the undeveloped land likely to attract wildlife? If yes, enter a score of 1 in the box to the right. If no, enter a score of 2.</p>	2	<p>Higher-quality habitat exists to the east of the site, along Lake River west of the railroad corridor and near Carty Lake to the northwest. The area surrounding the site is primarily developed commercial lots that likely are unattractive to wildlife and undeveloped areas directly adjacent to a railroad corridor. The site is largely devoid of native vegetation and trees that may be attractive to birds.</p>																				
5	<p>Are any of the following soil contaminants present: chlorinated dioxins/furans, PCB mixtures, DDT, DDE, DDD, aldrin, chlordane, dieldrin, endosulfan, endrin, heptachlor, benzene hexachloride, toxaphene, hexachlorobenzene, pentachlorophenol, pentachlorobenzene? If yes, enter a score of 1 in the box to the right. If no, enter a score of 4.</p>	4	<p>The listed contaminants are not known to be present.</p>																				
<p>Add the numbers in the boxes on lines 2-5 and enter this number in the box to the right. If this number is larger than the number in the box on line 1, the simplified evaluation may be ended.</p>		12	<p>Simplified evaluation ended. Total score exceeds 10.</p>																				
<p>NOTES: Table adapted from Model Toxics Control Act Table 749-1. TEE = terrestrial ecological evaluation.</p>																							

FIGURE



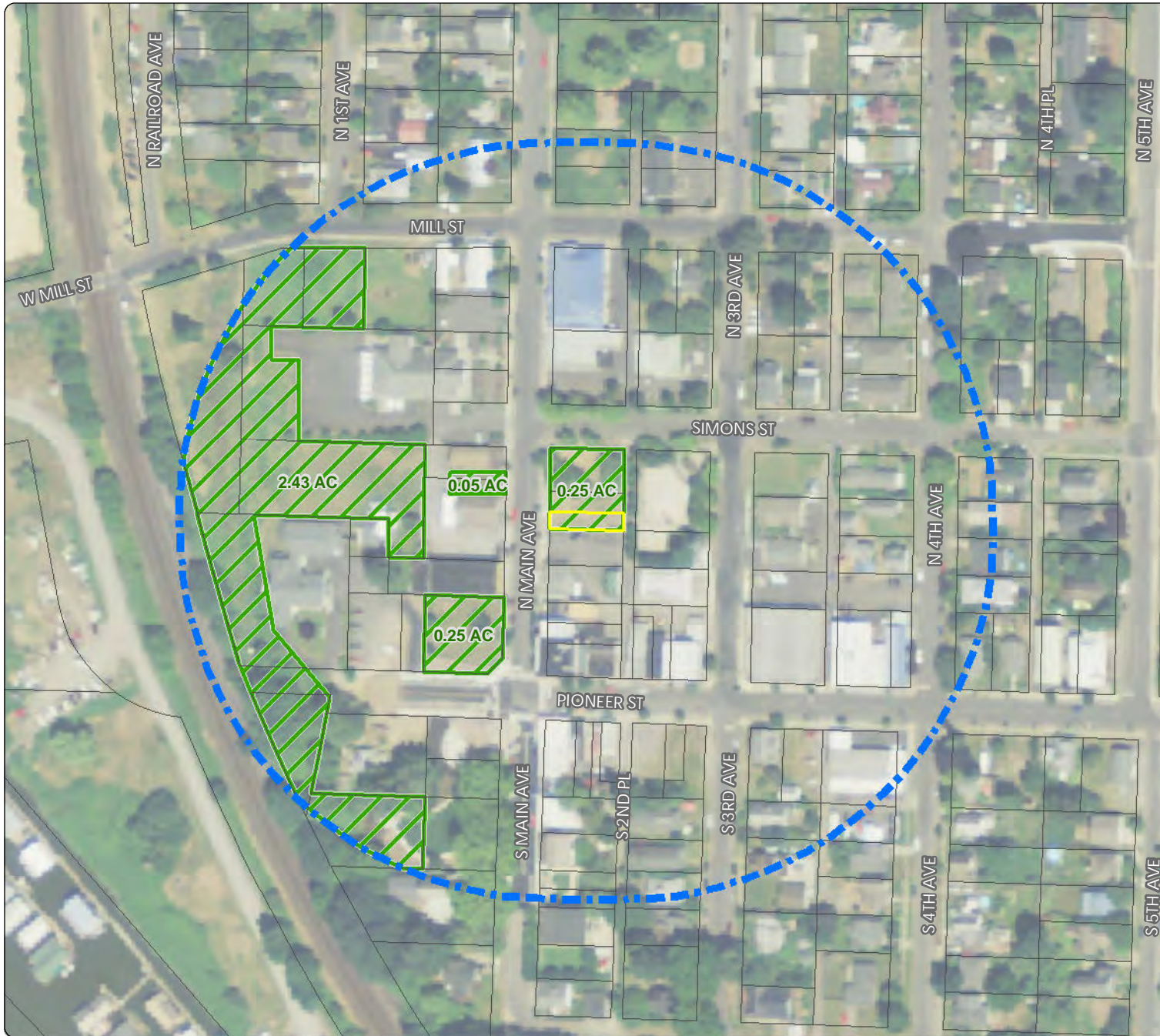




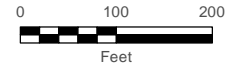


Figure Contiguous Undeveloped Land

Former Park Laundry Site
Ridgefield, Washington

Legend

-  500 foot Buffer
-  Property Tax Lot Boundary
-  Undeveloped Area
-  Tax Lot Boundary



Source: Aerial photograph (2013) obtained from the National Agriculture Imagery Program (NAIP).



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ATTACHMENT 1

SPECIES OF CONCERN REPORT





WASHINGTON DEPARTMENT OF FISH AND WILDLIFE PRIORITY HABITATS AND SPECIES REPORT

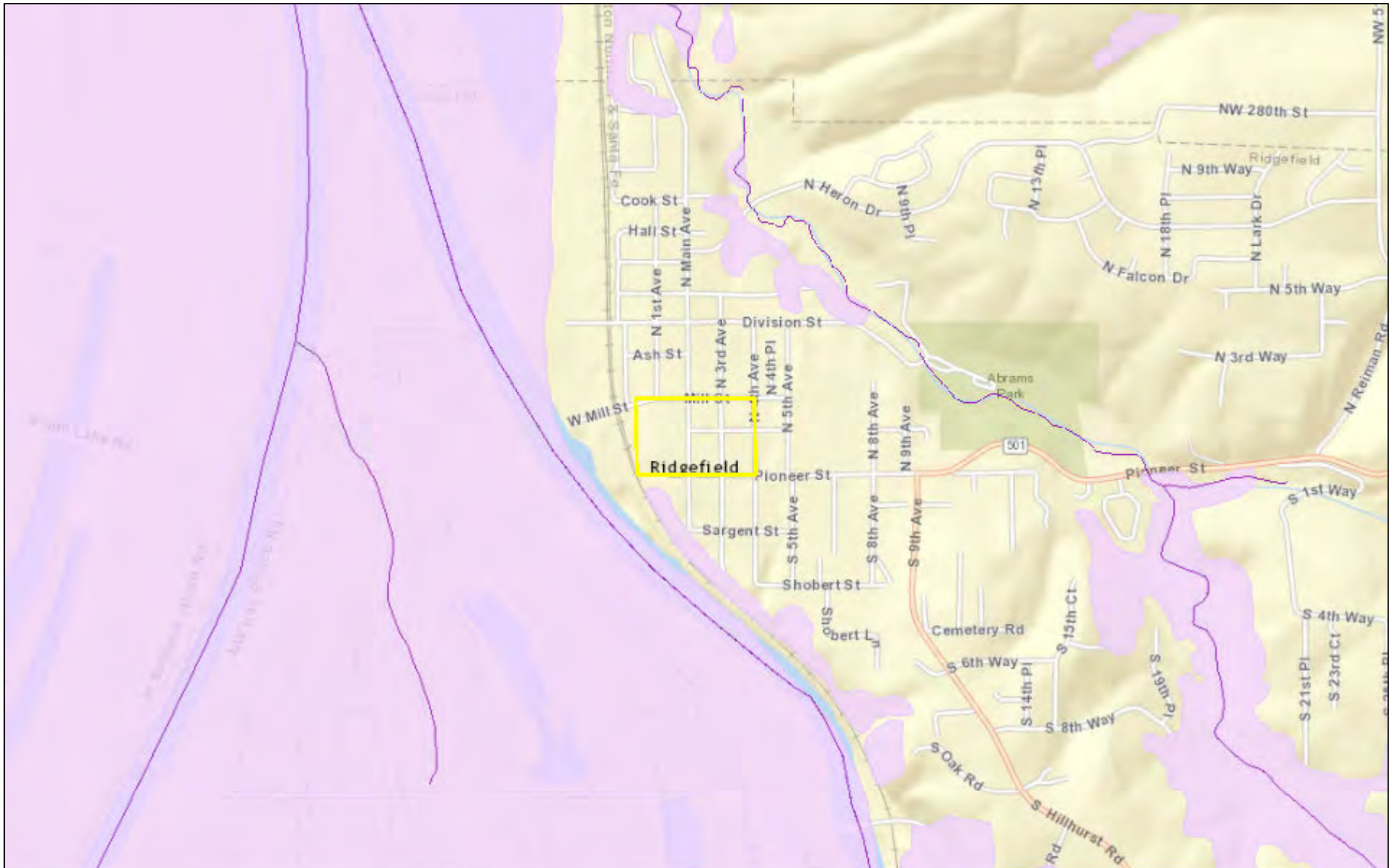
SOURCE DATASET: PHSPublic
REPORT DATE: 10/20/2014 4.40

Query ID: P141020163941








Common Name	Site Name	Priority Area	Accuracy	Federal Status	Sensitive Data	Source Entity
Scientific Name	Source Dataset	Occurrence Type		State Status	Resolution	Geometry Type
Notes	Source Record	More Information (URL)		PHS Listing Status		
	Source Date	Mgmt Recommendations				

DISCLAIMER. This report includes information that the Washington Department of Fish and Wildlife (WDFW) maintains in a central computer database. It is not an attempt to provide you with an official agency response as to the impacts of your project on fish and wildlife. This information only documents the location of fish and wildlife resources to the best of our knowledge. It is not a complete inventory and it is important to note that fish and wildlife resources may occur in areas not currently known to WDFW biologists, or in areas for which comprehensive surveys have not been conducted. Site specific surveys are frequently necessary to rule out the presence of priority resources. Locations of fish and wildlife resources are subject to variation caused by disturbance, changes in season and weather, and other factors. WDFW does not recommend using reports more than six months old.

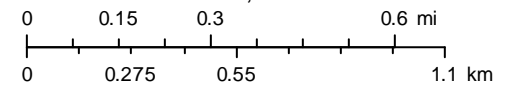
WDFW Test Map



October 20, 2014

- | | | | | | |
|---|----------------------|---|-----------|---|----------|
|  | PHS Report Clip Area |  | AS MAPPED |  | TOWNSHIP |
|  | PT |  | SECTION | | |
|  | LN |  | QTR-TWP | | |

1:19,842



Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand),

ATTACHMENT 2

SITE PHOTOGRAPHS





ATTACHMENT 2—PHOTOGRAPHS

Project Name: Union Ridge Investment Company
Project Number: 8006.31.04
Location: 122 N. Main Avenue
Ridgefield, Washington

Photo No. 1

Property looking west
from adjacent skate
park.



Photo No. 2

Property and adjacent
undeveloped lot to the
north: looking
northwest.





ATTACHMENT 2—PHOTOGRAPHS

Project Name: Union Ridge Investment Company
Project Number: 8006.31.04
Location: 122 N. Main Avenue
Ridgefield, Washington

Photo No. 3

Property and adjacent undeveloped lot looking north.



Photo No. 4

Property looking east:
ruderal vegetation.



ATTACHMENT 3

MTCA TABLE 749-1



Table 749-1

Simplified Terrestrial Ecological Evaluation-Exposure Analysis Procedure

Estimate the area of contiguous (connected) <u>undeveloped land</u> on the site or within 500 feet of any area of the site to the nearest 1/2 acre (1/4 acre if the area is less than 0.5 acre).																						
1) From the table below, find the number of points corresponding to the area and enter this number in the field to the right.																						
	<table border="1"> <thead> <tr> <th style="text-align: center;">Area (acres)</th> <th style="text-align: center;">Points</th> </tr> </thead> <tbody> <tr><td style="text-align: center;">0.25 or less</td><td style="text-align: center;">4</td></tr> <tr><td style="text-align: center;">0.5</td><td style="text-align: center;">5</td></tr> <tr><td style="text-align: center;">1.0</td><td style="text-align: center;">6</td></tr> <tr><td style="text-align: center;">1.5</td><td style="text-align: center;">7</td></tr> <tr><td style="text-align: center;">2.0</td><td style="text-align: center;">8</td></tr> <tr><td style="text-align: center;">2.5</td><td style="text-align: center;">9</td></tr> <tr><td style="text-align: center;">3.0</td><td style="text-align: center;">10</td></tr> <tr><td style="text-align: center;">3.5</td><td style="text-align: center;">11</td></tr> <tr><td style="text-align: center;">4.0 or more</td><td style="text-align: center;">12</td></tr> </tbody> </table>	Area (acres)	Points	0.25 or less	4	0.5	5	1.0	6	1.5	7	2.0	8	2.5	9	3.0	10	3.5	11	4.0 or more	12	10
Area (acres)	Points																					
0.25 or less	4																					
0.5	5																					
1.0	6																					
1.5	7																					
2.0	8																					
2.5	9																					
3.0	10																					
3.5	11																					
4.0 or more	12																					
2) Is this an <u>industrial</u> or <u>commercial</u> property? If yes, enter a score of 3. If no, enter a score of 1		3																				
3) ^a Enter a score in the box to the right for the habitat quality of the site, using the following rating system ^b . High=1, Intermediate=2, Low=3		3																				
4) Is the undeveloped land likely to attract wildlife? If yes, enter a score of 1 in the box to the right. If no, enter a score of 2. ^c		2																				
5) Are there any of the following soil contaminants present: Chlorinated dioxins/furans, PCB mixtures, DDT, DDE, DDD, aldrin, chlordane, dieldrin, endosulfan, endrin, heptachlor, benzene hexachloride, toxaphene, hexachlorobenzene, pentachlorophenol, pentachlorobenzene? If yes, enter a score of 1 in the box to the right. If no, enter a score of 4.		4																				
6) Add the numbers in the boxes on lines 2-5 and enter this number in the box to the right. If this number is larger than the number in the box on line 1, the simplified evaluation may be ended.		12																				

Notes for Table 749-1

^a It is expected that this habitat evaluation will be undertaken by an experienced field biologist. If this is not the case, enter a conservative score of (1) for questions 3 and 4.

^b **Habitat rating system.** Rate the quality of the habitat as high, intermediate or low based on your professional judgment as a field biologist. The following are suggested factors to consider in making this evaluation:

Low: Early successional vegetative stands; vegetation predominantly noxious, nonnative, exotic plant species or weeds. Areas severely disturbed by human activity, including intensively cultivated croplands. Areas isolated from other habitat used by wildlife.

High: Area is ecologically significant for one or more of the following reasons: Late-[successional](#) native plant communities present; relatively high species diversity; used by an uncommon or rare species; [priority habitat](#) (as defined by the Washington Department of fish and Wildlife); part of a larger area of habitat where size or fragmentation may be important for the retention of some species.

Intermediate: Area does not rate as either high or low.

^c Indicate "yes" if the area attracts wildlife or is likely to do so. Examples: Birds frequently visit the area to feed; evidence of high use b mammals (tracks, scat, etc.); habitat "island" in an industrial area; unusual features of an area that make it important for feeding animals; heavy use during seasonal migrations.

[\[Area Calculation Aid\]](#) [\[Aerial Photo with Area Designations\]](#) [TEE Table 749-1] [\[Index of Tables\]](#)

[\[Exclusions Main\]](#) [\[TEE Definitions\]](#) [\[Simplified or Site-Specific?\]](#) [\[Simplified Ecological Evaluation\]](#) [\[Site-Specific Ecological Evaluation\]](#) [\[WAC 173-340-7493\]](#)

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