

LIMITED SITE INVESTIGATION

**MARKETPLACE RETAIL CENTER
18001 BOTHELL EVERETT HIGHWAY
BOTHELL, WASHINGTON**

**Project No. 81097016
August 7, 2009**

Prepared for:

**Mill Creek Crossing LLC
22833 Bothell Everett Highway, Suite 207
Bothell, Washington 98021**

Prepared by:

Terracon
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August 7, 2009

Mill Creek Crossing LLC
22833 Bothell Everett Highway, Suite 207
Bothell, Washington 98021

Attn: Mr. Nicholas Echelbarger

Re: Limited Site Investigation
Marketplace Retail Center
18001 Bothell Everett Highway
Bothell, Snohomish County, Washington
Terracon Project No. 81097016

Dear Mr. Echelbarger:

Terracon is pleased to submit three copies of the Limited Site Investigation (LSI) report for the above referenced site. This investigation was performed in accordance with Terracon's Proposal No. P81090047R dated April 2, 2009.

We appreciate the opportunity to perform these services for Mill Creek Crossing LLC. Please contact either of the undersigned at (425) 771-3304 if you have questions regarding the information provided in the report.

Sincerely,

Terracon

Prepared by:

Travis Hauk
Senior Staff Scientist

Reviewed by:

Jon M. Einarsen, Ph.D., P.G.
Senior Geologist

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LIMITED SITE INVESTIGATION

MARKETPLACE RETAIL CENTER 18001 BOTHELL EVERETT HIGHWAY BOTHELL, SNOHOMISH COUNTY, WASHINGTON

Terracon Project No. 81097016
August 7, 2009

1.0 INTRODUCTION

1.1 Site Description

Site Name	Marketplace Retail Center
Site Location/Address	18001 Bothell Everett Highway
General Site Description	The site consists of Snohomish County Tax parcel #27051800106300 and comprises approximately 3.15 acres. The site is developed with a L-shaped strip mall, a Key Bank Branch, a coffee shop, and a Plaid Pantry mini-mart/service station. A Bartells Drug Store was under construction at the time this report was prepared. The site includes asphalt-paved parking and landscape areas.

A topographic map and aerial photograph indicating the approximate location of the site is included as Figure 1 and Figure 2, and a site and exploration plan is included as Figure 3 of Appendix A. The project site is located in the existing retail center at 18001 Bothell Everett Highway Southeast in Bothell, Washington and consists of Snohomish County Tax Parcel #27051800106300.

1.2 Previous Investigations

Work completed by others in 1999 and 2007 (see Project Information below) suggested that dry cleaning solvents have been released to the subsurface on the southwest part of the site.

Terracon has been provided with four previously completed environmental reports for the site completed by others:

- Phase I Environmental Site Audit, Marketplace Plaza, prepared by Environmental Associates, Inc. (April, 1999).
- Preliminary Subsurface Sampling and Testing, Marketplace Plaza Gas Station & Dry Cleaner, Environmental Associates, Inc. (April, 1999).

- Phase I Environmental Site Assessment, Marketplace Retail Center, Adapt Engineering, Inc. (November 2007).
- Limited Phase II Environmental Site Assessment, Marketplace Retail Center, Adapt Engineering, Inc. (November 2007).

It should be noted that some of the reports reviewed did not contain complete appendix materials. According to the 1999 Site Audit, construction of the multi-tenant portion of the Marketplace Plaza (now Marketplace Retail Center) was completed in 1984. An operational dry cleaner was reportedly present in the end cap unit located at the west end of the south wing of the multi-tenant building from 1984 until 1999. According to the 1999 Preliminary Subsurface Sampling and Testing report, four subsurface explorations were advanced to evaluate the potential for releases due to dry cleaning activities. These included two hand-advanced explorations inside the dry cleaner unit to depths ranging from 2 to 6 feet (SP-1 and SP-2), and two borings immediately west (outside) of the end cap unit to reported depths of approximately 24 feet (B-1 and B-2). One soil sample was collected from each exploration. PCE was detected in both of the interior soil samples, at reported concentrations of 0.24 mg/kg and 0.56 mg/kg. PCE was not detected in concentrations above laboratory reporting limits in B-2, but was reported at a concentration of 0.2 mg/kg at a depth of approximately 22½ in B-1. These reported concentrations (0.2 mg/kg to 0.56 mg/kg) exceed the current Model Toxics Control Act (MTCA, WAC 173-340) Method A cleanup level for PCE (0.05 mg/kg).

The 2007 Phase I ESA indicated that the dry cleaner remained operational at that time, but did not indicate the unit in which the dry cleaner was located. The concurrently completed 2007 Limited Phase II ESA described the installation of three groundwater monitoring wells on the site. One of the wells was advanced a few feet south of the end cap unit, and was completed at a depth of approximately 35 feet. Groundwater was measured in this well at a depth of approximately 25½ feet. One soil sample collected at a depth of approximately 30 feet contained PCE at a reported concentration of 0.063 mg/kg, slightly exceeding the current MTCA Method A cleanup level (0.05 mg/kg). A groundwater sample collected from MW-3 contained PCE at a reported concentration of 45 ug/L, which exceeds the current MTCA Method A cleanup level for groundwater (5 ug/L).

These results for soil and groundwater quality in the immediate vicinity of the end cap unit suggest that a release of dry cleaning solvents had occurred at the site.

1.3 Scope of Work

Terracon's scope of work was conducted in accordance with our proposal (P-81090047R) dated April 2, 2009, as authorized by Ms. Lindsey Echelbarger, Mill Creek Crossing LLC, on April 8, 2009. Our scope of services included completion of the following tasks:

- Task 1. Prepared a Work Plan and Site Specific Health and Safety Plan. Completed pre-mobilization planning and utility locates.
- Task 2. Completed a direct-push shallow soil investigation in the immediate vicinity of the tenant units that currently or historically housed dry cleaning activities.
- Task 3. Advanced three borings on the site to depths ranging from 38 to 46 feet beneath the ground surface. Completed each boring with a groundwater monitoring well.
- Task 4. Completed laboratory analyses of selected soil samples from each of the direct-push and boring explorations, and groundwater from the groundwater monitoring wells.
- Task 5. Prepared this report summarizing the results of our findings.

1.4 Project Objectives

The objectives of this project were to complete an initial evaluation of subsurface soil and groundwater conditions to determine if a significant release of dry cleaning solvents has occurred at the site, and to determine if additional subsurface investigation or remedial activities are warranted.

1.5 Standard of Care

Terracon's services were performed in a manner consistent with generally accepted practices of the profession undertaken in similar studies in the same geographical area during the same time period. Terracon makes no warranties, either express or implied, regarding the findings, conclusions or recommendations. Please note that Terracon does not warrant the work of laboratories, regulatory agencies or other third parties supplying information used in the preparation of the report. These LSI services were performed in accordance with the scope of work agreed with you, our client, as reflected in our proposal and were not restricted by ASTM E1903-97.

1.6 Additional Scope Limitations

This report was intended to reduce, but not eliminate, uncertainty regarding the existence of recognized environmental conditions in connection with the subject site. Findings, conclusions and recommendations resulting from these services are based upon information derived from the on-site activities and other services performed under this scope of work; such information is subject to change over time. Certain indicators of the presence of hazardous substances, petroleum products, or other constituents may have been latent, inaccessible, unobservable, non-detectable or not present during these services, and we cannot represent that the site contains no hazardous

substances, toxic materials, petroleum products, or other latent conditions beyond those identified during this LSI. Subsurface conditions may vary from those encountered at the time of construction or at specific borings or wells or during other surveys, tests, assessments, investigations or exploratory services. The data, interpretations, findings, and our recommendations are based solely upon data obtained at the time and within the scope of these services. If, during future site development, different subsurface conditions from those encountered during our explorations are observed or appear to be present, we must be advised promptly so that we can review these conditions and reconsider or modify our conclusions and recommendations where necessary.

1.7 Reliance

This report has been prepared for the exclusive use of Mill Creek Crossing LLC, and any authorization for use or reliance by any other party (except a governmental entity having jurisdiction over the site) is prohibited without the express written authorization of Mill Creek Crossing LLC, and Terracon. Any unauthorized distribution or reuse is at the client's sole risk. Notwithstanding the foregoing, reliance by authorized parties will be subject to the terms, conditions and limitations stated in the proposal, LSI report, and Terracon's Agreement for Services. The limitation of liability defined in the terms and conditions is the aggregate limit of Terracon's liability to the client and all relying parties unless otherwise agreed in writing.

2.0 METHODOLOGY

Methods used to complete this LSI were developed based on information derived via review of the reports described in Section 1.2 and our experience on similar projects.

A conceptual model of hydrogeologic and environmental conditions was developed based the results of our previously completed assessments. The conceptual model included the following key elements:

- Probable subsurface conditions would consist of fill soils underlain by Vashon advance outwash (compact sand with lesser amounts of gravel, silt, and including peat layers), with a high potential of groundwater being encountered within the proposed depths of exploration.
- The probable location of potential on-site impaired media would be near the previously identified locations of soil and groundwater impairment, in the immediate vicinity of tenant spaces currently or formerly occupied by dry cleaning operations.
- Potential contaminants would consist of volatile organic compounds (VOC), primarily the dry cleaning solvent tetrachloroethylene (PCE) and its degradational compounds including trichloroethylene (TCE), dichloroethylene (DCE), and vinyl chloride (VC).

Based on these conceptual subsurface conditions, it was decided to complete the investigation using direct-push and hollow-stem auger drilling methods. Subsurface investigation activities

included the following tasks:

1. Subsurface exploration using direct-push methods inside and immediately adjacent to the tenant spaces currently and formerly utilized for dry cleaning operations. Deeper subsurface exploration on the southwest part of the site using hollow-stem auger methods;
2. Installation of three groundwater monitoring wells near the southwest part of the site;
3. Soil and groundwater sampling;
4. Analytical laboratory testing.

Each of these investigation activities is summarized below.

2.1 Subsurface Exploration

Figure 1 and Figure 2 present the general boundaries and topography of the site on portions of the USGS topographic quadrangle map of Bothell, Washington and a 2006 aerial photograph, respectively (Appendix A). Figure 3 is a Site and Exploration Plan that indicates the approximate locations of the soil explorations and monitoring wells in relation to the pertinent structures and general site boundaries (Appendix A).

Direct-push field activities were conducted overnight on May 17/May 18, 2009 by Mr. Travis Hauk, a Terracon environmental professional. Four direct push soil borings (B1 to B4) were advanced inside of the active dry cleaning tenant space currently occupied by Prime Cleaners. Four direct-push borings (B5 to B8) were advanced in the alley immediately south and southwest of the former and active dry cleaning tenant spaces on the southwest part of the site. Five direct-push borings (B9 to B13) were advanced inside of the former dry cleaning tenant space currently occupied by Money Tree.

A direct-push sampling device was supplied and operated by Cascade Drilling. The device utilized a direct-push sampler equipped with disposable PVC sample sleeves. Throughout the drilling operation, soil samples were obtained continuously (to the extent practical) from four-foot long pushes driven into the ground using 550 foot-pound, percussion hammer. The steel sampling tube was extracted from the hole and the liners were removed and split open. Sampling equipment was cleaned using an Alconox[®] wash and potable water prior to the beginning of the project and before collecting each soil sample.

Direct-push explorations were advanced to depths ranging from approximately 2½ feet to 6 feet below the ground surface (bgs) inside of the tenant spaces, and to depths ranging from approximately 6 feet to 10 feet bgs outside of the tenant spaces. An effort was made to sample soil continuously from the ground surface to the total depth of each exploration, but sample recovery varied in each exploration.

Deeper borings completed with groundwater monitoring wells (MW-1, MW-2, and MW-3) were advanced outside of the tenant spaces on the southwest part of the site on May 28 and May 29, 2009 using a hollow-stem auger drill rig provided by Environmental Drilling. Soil samples were collected at five-foot intervals using a 2-inch O.D. split-spoon standard penetration test (SPT) soil sampler driven with a 140-pound auto-hammer. Borings were advanced to depths ranging from approximately 38 to 46 feet bgs.

A field log of each exploration was maintained, including the thickness and depth of each soil unit encountered and the depth to the uppermost water table (if encountered). Soil samples were observed to document soil lithology, color, and moisture content. Soils were logged in general accordance with American Society for Testing and Materials (ASTM) Practice Designation D-2488, *Standard Practice for Description of Soils (Visual-Manual Procedure)*. Exploration logs are included in Appendix B of this report.

Sampling equipment was cleaned using an Alconox[®] wash and potable water prior to the beginning of the project and before collecting each soil sample.

2.2 Groundwater Monitoring Well Installation

A hollow-stem auger drill was supplied and operated by Environmental Drilling of Snohomish, a Washington State licensed driller. Dedicated groundwater monitoring wells were completed in MW-1, MW-2, and MW-3. Monitoring wells consisted of 2-inch inside diameter, schedule 40, flush-threaded PVC. A ten foot section of 0.010-inch slotted screen was mated to an appropriate length section of blank riser, which extended to approximately 0.25 feet below the ground surface. The annular space between the well casing and the borehole wall was filled with #10-20 silica sand extending approximately two feet above the screened interval. A hydrated bentonite seal was placed above this, and the wells were completed at the ground surface with lockable, flush-mount monuments that were cemented in place. The monitoring wells were constructed in accordance with the Washington State *Minimum Standards for Construction and Maintenance of Wells* (WAC 173-160). Monitoring well construction details are provided with this report along with the exploration logs in Appendix B.

The monitoring wells were subsequently developed by purging with an electric submersible pump on June 2, 2009. Approximately 15 gallons of development water was generated during well development activities.

Soil cuttings, development groundwater, and equipment cleaning water generated during the field activities were placed in Department of Transportation (DOT) approved, 55-gallon steel drums, closed and appropriately labeled with project-specific information and initial accumulation date.

2.3 Soil and Groundwater Sampling

One to two soil samples from each direct-push exploration and five samples from each hollow-stem auger boring were submitted for laboratory analysis. Soil samples retained for chemical analysis from the direct-push and hollow-stem auger explorations were collected at depths ranging from approximately 2½ feet to 5½ feet bgs and 7 ½ feet to 41 feet, respectively. The shallow direct-push samples were collected in an effort to identify source areas, the deeper samples were collected in an effort to quantify the vertical distribution of VOCs.

All soil samples were extracted by hand from the direct-push sample liner or split-spoon sampler using disposable gloves and placed directly into laboratory supplied glassware and preserved in accordance with EPA Method 5035B.

One groundwater sample was collected and analyzed from MW-1, MW-2, and MW-3. In addition, one groundwater sample was collected and analyzed from monitoring wells previously installed by others on the southwest part of the site (herein referred to as MW-4) and on the northwest part of the site (near the Plaid Pantry, herein referred to as PP-MW-2). Prior to sample collection, each monitoring well was purged until consistent values (i.e., less than 10% variance between consecutive readings) were obtained for pH, turbidity, temperature and conductivity using a Horiba U-22 multi-parameter water quality meter equipped with a flow through cell.

Groundwater was collected with a QED Sample Pro portable bladder pump utilizing low flow techniques. The intake of the pump was set approximately one foot above the bottom of the screened interval in each well. Dedicated polyethylene tubing and bladders were used for each monitoring well. Discharge from the bladder pump was directed into glass 40-ml VOA sample containers supplied by the laboratory, and preserved with hydrochloric acid.

Each sample container was labeled with the site name, date, time, exploration number, sample number, and sampling personnel. Sample containers were placed in a chilled cooler immediately after sampling, and subsequently transported to the analytical laboratory by Terracon under strict chain-of-custody procedures.

Our proposed scope of services included sampling an existing groundwater monitoring well installed by others near the central part of the Marketplace Retail Center site. The approximate location of this well is indicated on Figure 3. However, we were unable to locate this well during the various field activities completed on the site.

2.4 Analytical Laboratory Testing

Thirty soil samples and five groundwater samples were submitted for chemical analysis. All samples were analyzed by Environmental Science Corporation, a Washington State accredited laboratory (Washington Certification #C1915). All soil and groundwater samples were analyzed for volatile organic compounds using the EPA Method 8260B.

The executed chain-of-custody forms and laboratory analytical certificates are provided in Appendix C. All analyses were completed using standard turnaround times.

Data packages were checked for completeness immediately upon receipt from the laboratory to ensure that data and QA/QC information requested were present. Data quality was assessed by considering holding times, surrogate recovery, method blanks, matrix spike and matrix spike duplicate recovery, and detection limits.

3.0 LIMITED SITE ASSESSMENT RESULTS

3.1 Subsurface Conditions

Detailed lithologic descriptions are presented on the soil boring logs included in Appendix B. In general, subsurface soil conditions were consistent in each boring and consisted of silty sand with gravel and cobbles to depths ranging from approximately 27 feet (MW-2) to 37 feet bgs (MW-1 and MW-3). The silty sand was underlain by gravelly sand to the bottom of each boring. The soil was found to be in a damp grading to wet condition, with densities ranging from medium dense to very dense.

Groundwater was not encountered in any of the shallow direct-push explorations. Groundwater was encountered at the time of hollow-stem auger drilling at depths ranging from approximately 23 feet to 24½ feet bgs. The relative location and elevation of the PVC casing for each of the four groundwater monitoring wells located on the southwest part of the site were surveyed in a preliminary manner using Leica TCR803 total station surveying equipment. Static groundwater levels were subsequently measured in these monitoring wells on June 16, 2009 as summarized in Table 1.

Table 1. Groundwater Elevations

Monitoring Well	Relative Casing Elevation (Feet)	Depth to Groundwater (Feet)	Groundwater Elevation (Feet)
MW-1	220.92	24.17	196.75
MW-2	221.05	24.45	196.60
MW-3	221.57	25.11	196.46
MW-4	221.15	24.67	196.48

A groundwater contour map is presented in Figure 4 (Appendix A). Based on these results, groundwater in the immediate vicinity of the southwest part of the site flows in a south-southeasterly direction with a gradient of approximately 0.0025 ft/ft. It should be noted that the depth to groundwater and groundwater flow directions will likely vary depending upon seasonal variations in rainfall and other factors. The measured groundwater flow direction on the southwest part of the site (south-southeast) is inconsistent with measured groundwater flow direction at the Plaid Pantry on the northwest part of the site (west-southwest), suggesting that a groundwater flow divide may exist between these two areas on the site.

3.2 Analytical Laboratory Results

Soil and groundwater quality summary results are presented in Table 2 and Table 3, respectively. Complete laboratory reports and chains-of-custody are included in Appendix C. Additional discussion and interpretation of analytical results relative to applicable cleanup levels is included in Section 4. Summarized analytical results are also presented in Figure 5 and Figure 6 (Appendix A).

Soil Quality

Fifteen shallow soil samples were collected at depths of less than 5.5 feet inside of the current and former dry cleaning tenant spaces, and in the alley immediately south of the tenant spaces (Samples B1 through B13, Figure 5). PCE was reported at concentrations ranging from 1.1 ug/kg (parts-per-billion) to 160 ug/kg in 13 of the 15 samples. TCE was reported at concentrations ranging from 9.2 ug/kg to 38 ug/kg in 14 of the 15 samples. Cis-1,2-dichloroethylene (cis-1,2-DCE) was reported at a concentration of 28 ug/kg in a single sample. No other VOC were reported above laboratory minimum reporting limits (MRLs).

Fifteen deeper soil samples were collected at depths ranging from approximately 7½ to 44 feet during installation of three new groundwater monitoring wells (MW-1, MW-2, and MW-3). PCE was reported above laboratory MRLs in 5 of the 15 soil samples in concentrations ranging from 2.1 ug/kg to 9.3 ug/kg. No other VOC were reported above laboratory MRLs in the deeper soil samples.

The concentrations of PCE, TCE, and cis-1,2-DCE are relatively low, and only a few samples exceeded potentially applicable cleanup levels (see Section 4).

Table 2. Summarized Analytical Results (Soil)

Sample	Depth (Feet)	Location	Volatile Organic Compounds (ug/kg)		
			PCE	TCE	Cis-1,2-DCE
B1	3	Operational Drycleaners	160	38	ND<1.5
B2	3		1.1	18	ND<1.0
B3	2½		1.9	20	ND<1.0
B4	2½		17	29	ND<1.1
B5	3	South Alley	ND<1.1	24	ND<1.1
B6	3		1.2	15	ND<1.0
B7	3		15	22	ND<1.1
B8	3		28	30	28
B9	2½	Money Tree (Former Drycleaner)	110	9.2	ND<1.1
B9	5		4.1	27	ND<1.1
B10	3		5.2	14	ND<1.1
B10	5½		160	10	ND<1.1
B11	3		ND<1.0	ND<1.0	ND<1.0
B12	3		3.8	38	ND<1.1
B13	3½		16	33	ND<1.0
MW1-1	7½	Parking Lot	ND<1.1	ND<1.1	ND<1.1
MW1-2	17½		ND<1.1	ND<1.1	ND<1.1
MW1-3	25		2.1	ND<1.1	ND<1.1
MW1-4	37		ND<1.3	ND<1.3	ND<1.3
MW1-5	41		ND<1.2	ND<1.2	ND<1.2
MW2-6	7½	West Alley	ND<1.1	ND<1.1	ND<1.1
MW2-7	18		ND<1.0	ND<1.0	ND<1.0
MW2-8	23		ND<1.1	ND<1.1	ND<1.1
MW2-9	44		ND<1.1	ND<1.1	ND<1.1
MW2-10	33		ND<1.0	ND<1.0	ND<1.0
MW3-11	7½	South Alley	4.5	ND<1.2	ND<1.2
MW3-12	13		3.9	ND<1.1	ND<1.1
MW3-13	27½		9.3	ND<1.1	ND<1.1
MW3-14	31		2.3	ND<1.1	ND<1.1
MW3-15	37		ND<1.1	ND<1.1	ND<1.1
MTCA Method A Cleanup Level			50	30	NE

ug/kg: micrograms per kilogram (parts-per-billion); NE: Not established; <: Not detected above indicated laboratory minimum reporting limit. Shaded values exceed MTCA Method A cleanup levels (see Section 4). PCE, tetrachloroethylene; TCE, trichloroethylene; Cis-1,2-DCE, cis-1,2-dichloroethylene. Reported sample depths are approximate. Please refer to Appendix C for the complete set of analytes and analytical results for VOC.

Groundwater Quality

Groundwater samples were collected from the three new wells installed near the former and active dry cleaners (MW-1, MW-2, and MW-3), from the existing well near the dry cleaners installed by others (hereafter referred to as MW-4), and from MW-2 at the Plaid Pantry (hereafter referred to as PP-MW-2). PCE was reported at concentrations of 6.6 ug/L to 170 ug/L in MW-1, MW-3, and MW-4, but was not detected above laboratory MRLs in MW-2 and PP-MW-2. TCE was not detected above laboratory MRLs in any of the wells. Cis-1,2-DCE was reported at a concentration of 4.8 ug/L in MW-1, but was not reported above laboratory MRLs in any of the other wells. No other VOC were reported above laboratory MRLs.

PP-MW-2 on the Plaid Panty site was sampled first on June 16. The reported analytical results for this well indicate the presence of a wide variety of gasoline components (i.e., all the analytes listed in Table 2 except PCE, TCE, and cis-1,2-DCE). These analytical results for PP-MW-2 are generally consistent with the overall groundwater quality data set that we have reviewed for the Plaid Pantry site. Due to the strong odor in groundwater extracted from this well, we collected an equipment blank after cleaning our equipment and before sampling the four wells near the dry cleaner tenant spaces. An equipment blank is created by pouring distilled water over the sampling equipment after it has been cleaned, and analyzing that water to evaluate the potential for cross-contamination. Analysis of the equipment blank revealed that the blank contained significant amounts of gasoline components. Therefore, the reported detection of gasoline components, particularly in MW-2 and MW-4 which were sampled on the same day as PP-MW-2, is suspect (see Table 2). The suspect nature of the reported concentrations of gasoline components in MW-2 and MW-4 may be supported by the relatively low concentrations of these compounds in MW-1 and the complete lack of these compounds in MW-3, both of which were sampled on June 17 after our sampling equipment had been cleaned multiple times.

The reported concentrations of PCE and cis-1,2- DCE were relatively low, but the concentration of PCE exceeded potentially applicable cleanup levels in three of the four wells sampled (see Section 4).

Table 3. Summarized Analytical Results (Groundwater)

Monitoring Well	Date	Volatile Organic Compounds (ug/L)													
		PCE	TCE	Cis-1,2-DCE	Benzene	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	Naphthalene	n-Propylbenzene	Toluene	1,2,4-Trimethylbenzene	1,2,3-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylenes
MW-1	6-17-09	12	ND<1	4.8	1.7	1.1	ND<1	ND<1	ND<5	ND<1	6.9	1.2	ND<1	ND<1	5.6
MW-2	6-16-09	ND<1	ND<1	ND<1	27	35	1.8	ND<1	9.5	7.7	190	48	10	13	210
MW-3	6-17-09	6.6	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<5	ND<1	ND<5	ND<1	ND<1	ND<1	ND<3
MW-4	6-16-09	170	ND<1	ND<1	8.1	11	ND<1	ND<1	ND<5	2.8	55	12	2.6	3.6	63
PP-MW-2	6-16-09	ND<1	ND<1	ND<1	1,800	1,100	41	11	140	130	8,000	770	180	210	6,200
Equipment Blank	6-16-09	ND<1	ND<1	ND<1	12	10	ND<1	ND<1	7	2.4	61	18	4.6	4.4	66
MTCA Method A Cleanup Level		5	5	NE	5	700	NE	NE	160	NE	1,000	NE	NE	NE	1,000

ug/L: micrograms per liter (parts-per-billion); ND<: Not detected above indicated laboratory minimum reporting limit; NE: Not established; Shaded values exceed MTCA Method A cleanup levels (see Section 4). Please refer to Appendix C for the complete set of analytes and analytical results for VOC.

Groundwater Geochemistry

An evaluation of groundwater geochemistry was completed in an effort to characterize the oxidation state of groundwater in the vicinity of the site. The oxidation state can be estimated by measurement with oxidation–reduction potential (ORP) and dissolved oxygen (DO) field instruments, and can be further refined by laboratory analysis of the concentration of natural electron acceptors (nitrate, manganese, sulfate) and reduction products (ferrous iron).

Groundwater from MW-1 through MW-4 and PP-MW-2 was additionally analyzed for these compounds, and the results are summarized in Table 3. We interpret these preliminary results to indicate the uppermost aquifer underlying in the site is in an aerobic condition near the dry cleaning tenant spaces, and in a nitrate-reducing condition near the Plaid Pantry site.

Table 4. Geochemical Parameters

Monitoring Well	Geochemical Parameters							Interpretation
	Nitrate (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)	Manganese (mg/L)	DO (mg/L)	ORP (mv)	pH	
MW-1	4.0	54	0.1	0.93	1.3	212	5.24	Aerobic
MW-2	1.3	43	ND	0.73	1.5	97	6.08	
MW-3	18	33	0.2	0.79	2.3	186	5.86	
MW-4	16	52	0.2	0.20	2.6	211	5.63	
PP MW-2	<0.3	34	2.0	<0.10	0.3	-67	5.59	Nitrate Reducing

3.3 Quality Assurance/Quality Control Results

The analytical results for the current investigation were checked for completeness immediately upon receipt from the laboratory to ensure that data and QA/QC information requested were present. Data quality was assessed by considering hold times, surrogate recovery, method blanks, matrix spike and matrix spike duplicate (MS/MSD) recovery, and detection limits. QA/QC review was completed using guidance described in *USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review* (Draft Final, USEPA, 2005). Our evaluation assumes that the QA/QC is correct as reported by the laboratory, and merely provides an interpretation of the QA/QC results.

Hold Times. All analyses were completed within specified hold times.

Surrogate Recoveries. All surrogate recoveries were within laboratory limits.

Method Blanks. Analytes were not detected in any of the laboratory method blanks.

MS/MSD Results. MS and MSD recoveries were all within laboratory limits, and Relative Percent Differences (RPDs) between MS and MSD recoveries were all within laboratory limits.

Laboratory Reporting Limits. Reporting limits were below relevant MTCA cleanup levels.

Based upon our interpretation of quality control information provided by the laboratories, it is our opinion that the overall dataset is useable as qualified for the purposes of this Limited Site Investigation.

4.0 DATA EVALUATION

4.1 Potential Contaminants of Concern

Based on the analytical results for soil and groundwater sampled at the locations indicated for this investigation, potential contaminants of concern consist of PCE and TCE and to a lesser extent cis-1,2-DCE. Based on the suspect nature of the reported concentration of gasoline components in monitoring wells located near the dry cleaning tenant spaces, gasoline components are not identified as a contaminant of concern on the southwest part of the site at this time. Additional evaluation of gasoline components will be addressed during the recommended subsequent phases of investigation.

4.2 Prospective Cleanup Levels

The maximum allowable contaminant levels in the State of Washington are defined by applicable cleanup standards set forth in Chapter 70.105 D RCW, and its implementing regulation, the Model Toxics Control Act (MTCA) Chapter 173-340 WAC. Applicable cleanup levels under MTCA can be developed using either conservative Method A tabulated values or using Method B and Method C risk-based formulations. Method A and Method B cleanup levels allow for unrestricted land use, including residential use. Method C cleanup levels apply only to industrial properties as defined in WAC 173-340-745, and will not be contemplated further at the present time.

The Method A soil cleanup levels are based on ground water protection concerns, assuming estimated worst-case leachability of potential contaminants. The risk-based Method B soil cleanup levels are provided in two forms: (1) the direct contact cleanup level assumes that direct contact with the soil is the primary contaminant pathway; and (2) the groundwater protection cleanup level assumes that groundwater has been contaminated or that there is a high potential for groundwater contamination. Method B cleanup levels can be developed using generic, default assumptions in the risk assessment equations (standard method), or by using chemical specific or site specific information to change the default assumptions (modified method).

The maximum reported values for contaminants of concern identified during this investigation are compared to prospective Method A and Method B cleanup levels in Table 5. The Method B cleanup levels were calculated using The Washington State Department of Ecology's MTCASGL11.0 workbook tools and with generic, default assumptions. Method A cleanup levels are also indicated along with the summarized analytical results in Table 2 and Table 3.

Table 5. Prospective Cleanup Levels

Contaminant of Concern	Maximum Reported Values (This Investigation)		MTCA Method A		MTCA Method B (Standard Method)	
			Soil (ug/kg)	Groundwater (ug/L)	Soil	
	Soil (ug/kg)	Groundwater (ug/L)			Direct Contact (ug/kg)	Groundwater Protection (ug/kg)
PCE	160	170	50	5	1,711	53
TCE	38	ND<1	30	5	10,380	33
Cis-1,2-DCE	28	4.8	Cleanup Level Not Established			

The MTCA Method B cleanup levels for direct contact for PCE (1,711 ug/kg) and TCE (10,380 ug/kg) were not exceeded in any of the 30 soil samples analyzed for our investigation. These results indicate that direct contact with soil sampled for this investigation does not present a significant threat to human health.

As previously stated, the MTCA Method A cleanup levels for soil are based on groundwater protection. Therefore, the Method A and Method B groundwater protection cleanup levels are essentially identical for both PCE and TCE. The groundwater protection cleanup levels for PCE and/or TCE were exceeded in 5 of the 30 soil samples. All of the soil samples exceeding groundwater protection cleanup levels were collected from shallow soil inside of the current and former dry cleaning tenant spaces.

The MTCA Method A and Method B cleanup levels in groundwater for PCE was exceeded in MW-1, MW-3, and MW-4.

The prospective cleanup levels summarized in Table 5 may or may not be established as target cleanup levels in the event that remedial action is initiated at the site. However, given that prior investigations and Terracon's initial investigation as described herein appear to confirm groundwater impacts, it is likely that the soil target cleanup levels will be based on groundwater protection.

5.0 FINDINGS AND DISCUSSION

Terracon has completed a limited site investigation for the Marketplace Retail Center, with emphasis on the southwest part of the site near the current and former dry cleaning tenant spaces.

Thirteen shallow direct-push explorations were completed, and three borings were converted to groundwater monitoring wells. The findings of this report are as follows:

- Initial results for hydrogeologic conditions indicate that the uppermost water table lies at a depth of approximately 24 to 25 feet beneath the ground surface, and flows in a south-

southeasterly direction. Groundwater appears to be in a aerobic condition near the southwest part of the site. The measured groundwater flow direction on the southwest part of the site (south-southeast) is inconsistent with measured groundwater flow direction at the Plaid pantry on the northwest part of the site (west-southwest), and suggests that a groundwater flow divide may exist between the southwest part of the site and the Plaid Pantry.

- Where detected above laboratory MRLs, the measured concentration of PCE (1.1 ug/kg to 160 ug/kg) and TCE (9.2 ug/kg to 38 ug/kg) in soil at the site are relatively low. However, 5 of the 30 soil samples analyzed for this investigation exceed MTCA soil cleanup levels for groundwater protection with respect to PCE (50 ug/kg) and/or TCE (30 ug/kg).
- The reported concentration of PCE (6.6 ug/L to 170 ug/L) in groundwater is relatively low, but exceeded MTCA Method A cleanup levels (5 ug/L) in 3 of 4 monitoring wells installed near the current and former dry cleaning tenant spaces. No other VOC were detected above laboratory reporting limits in any of the wells sampled.

The analytical results for soil suggest that the tenant spaces currently and historically utilized for dry cleaning operations are a source of PCE and TCE releases to the subsurface. Considering that the release appears to have impacted groundwater 24 to 25 feet beneath the ground surface, the relatively low concentrations reported for these compounds (160 ug/kg or less) suggest that we may not have identified the most contaminated soil.

PCE, TCE, and cis-1,2-DCE can biodegrade naturally in the presence of a reducing environment and appropriate microorganisms, amongst other factors, in a process referred to as reductive dechlorination. PCE biodegrades to TCE, and TCE subsequently biodegrades to cis-1,2-DCE. The lack of TCE in groundwater beneath the site and the apparent presence of an aerobic environment suggests that reductive dechlorination of PCE in groundwater may not presently be occurring. However, the presently available data for PCE concentrations and groundwater geochemistry suggest that the PCE may respond well to remedial action.

PCE is not likely to biodegrade to TCE in the vadose zone (unsaturated soil lying above the water table that is typically in an aerobic condition). The source of TCE in shallow soils is uncertain at this time. We have not completed a survey of past solvent use at the subject site, and given the history of multiple tenants at the site it may not be practical to complete such a survey. However, both PCE and TCE have historically been used as dry cleaning solvents in the United States. So it is possible that, along with PCE, TCE has been released as a “parent” product and is not a “daughter” product resulting from reductive dechlorination of PCE.

Based on the reported analytical results for PCE and TCE in shallow soil within the current and former dry cleaning tenant spaces and in the south adjacent alley, it is our opinion that a release of dry cleaning solvents has occurred at the site. Analytical results further indicate that PCE has impacted groundwater beneath the southwest part of the site. It is our opinion that approaching the Washington State Department of Ecology (Ecology) with a “No Further Action” request using the

presently available information is not likely to be successful, because the extent of the release has not been fully defined and because the existing data does not indicate that contaminant mass is being reduced by natural attenuation (i.e. biodegradation).

6.0 RECOMMENDATIONS

Under the assumption that continued investigation and pursuit of a No Further Action determination from Ecology is desirable, we recommend that a second phase of subsurface investigation be completed to further define the extent of soil and groundwater impacts. In particular, the vertical delineation and downgradient limits of the PCE plume in groundwater should be better defined.

We recommend that the following tasks be completed:

1. A minimum of three to four additional groundwater monitoring wells should be installed. These should include at least two downgradient wells located south and southwest of the site, and at least one upgradient well located in the central part of the site.

Defining the downgradient edge of the PCE plume in groundwater is problematic because the plume appears to extend off of the subject site. Suggested locations for the additional monitoring wells are indicated on Figure 7. If installation of wells on private property is not practical, we could approach the applicable government entity in an effort to gain permission to install wells in the sidewalk within the Bothell Everett Highway right-of-way.

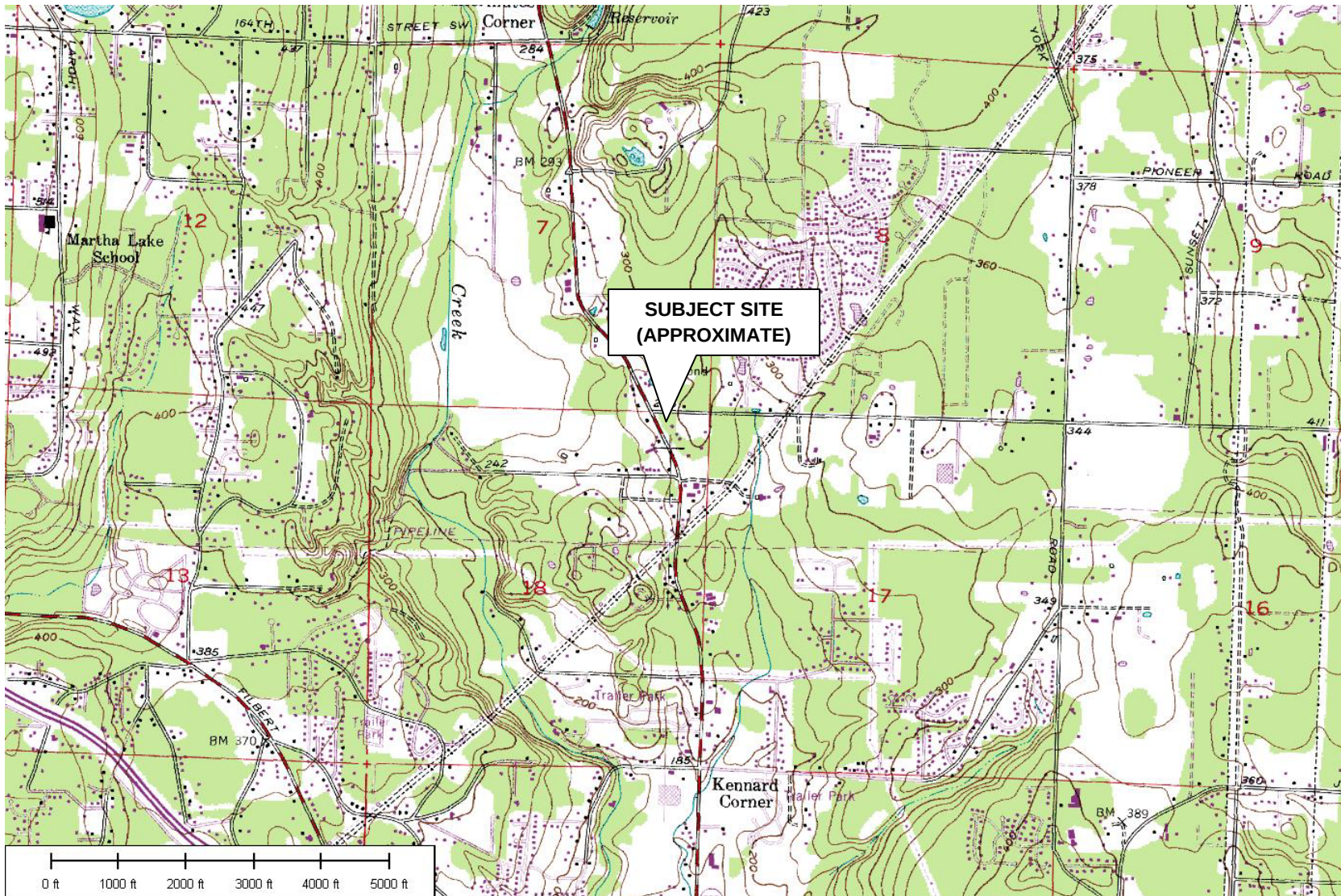
An upgradient well is needed to evaluate the possibility that there are upgradient sources of PCE or TCE and to further refine our understanding of groundwater flow direction. A geophysical subconsultant should be retained in an effort to locate the existing groundwater monitoring well reportedly located in the central part of the site. If the well can be found and refurbished, an additional upgradient well may not be necessary.

2. The location and elevation of the existing and proposed groundwater monitoring wells should be surveyed by a licensed, professional surveyor.
3. The reported concentrations of PCE and TCE and in groundwater exceed EPA screening level values for vapor intrusion. A vapor intrusion assessment should be completed to evaluate the risk of vapor intrusion into onsite buildings.
4. Advance approximately ten additional direct push explorations on exterior parts of the southwest part of the site to further evaluate source areas for dry cleaning solvents. To the extent that the necessary information is available (as-built drawings), these explorations should be completed near utility corridors and other preferential pathways that may be identified.

5. In addition to the groundwater sampling completed for this investigation in June, three additional groundwater sampling events should be completed on a quarterly basis to establish seasonal variations in groundwater quality and elevation.
6. Section 173-340-300(2)(a) of the Model Toxics Control Act states that “*Any owner or operator who has information that a hazardous substance has been released to the environment at the owner or operator's facility and may be a threat to human health or the environment shall report such information to the department within ninety days of discovery*”. We recommend that a copy of this report be forwarded to Ecology, and that the site be enrolled in the Voluntary Cleanup Program.

We appreciate the opportunity to provide our services for this project, and look forward to discussing the results of our investigation with you at your convenience.

APPENDIX A



Reference: Bothell Quadrangle, U.S. Geological Survey, 7.5 Minute Topographic.

DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES.

Topographic Map
Marketplace Retail Center
 18001 Bothell Everett Highway
 Bothell, Washington

Project Mngr: JME
 Designed By:
 Checked By:
 Approved By:
 File Name:

Terracon
 21905 64th Avenue West, Suite 100
 Mountlake Terrace, WA 98043
 425-771-3304 Fax: 425-771-3549

Project No. 81097016
 Scale: As Shown
 Date: July, 2009
 Drawn By: JME
 Figure No. 1



Reference: U.S. Department of Agriculture.

DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS
NOT INTENDED FOR CONSTRUCTION PURPOSES.

2006 Aerial Photograph
Marketplace Retail Center
 18001 Bothell Everett Highway
 Bothell, Washington

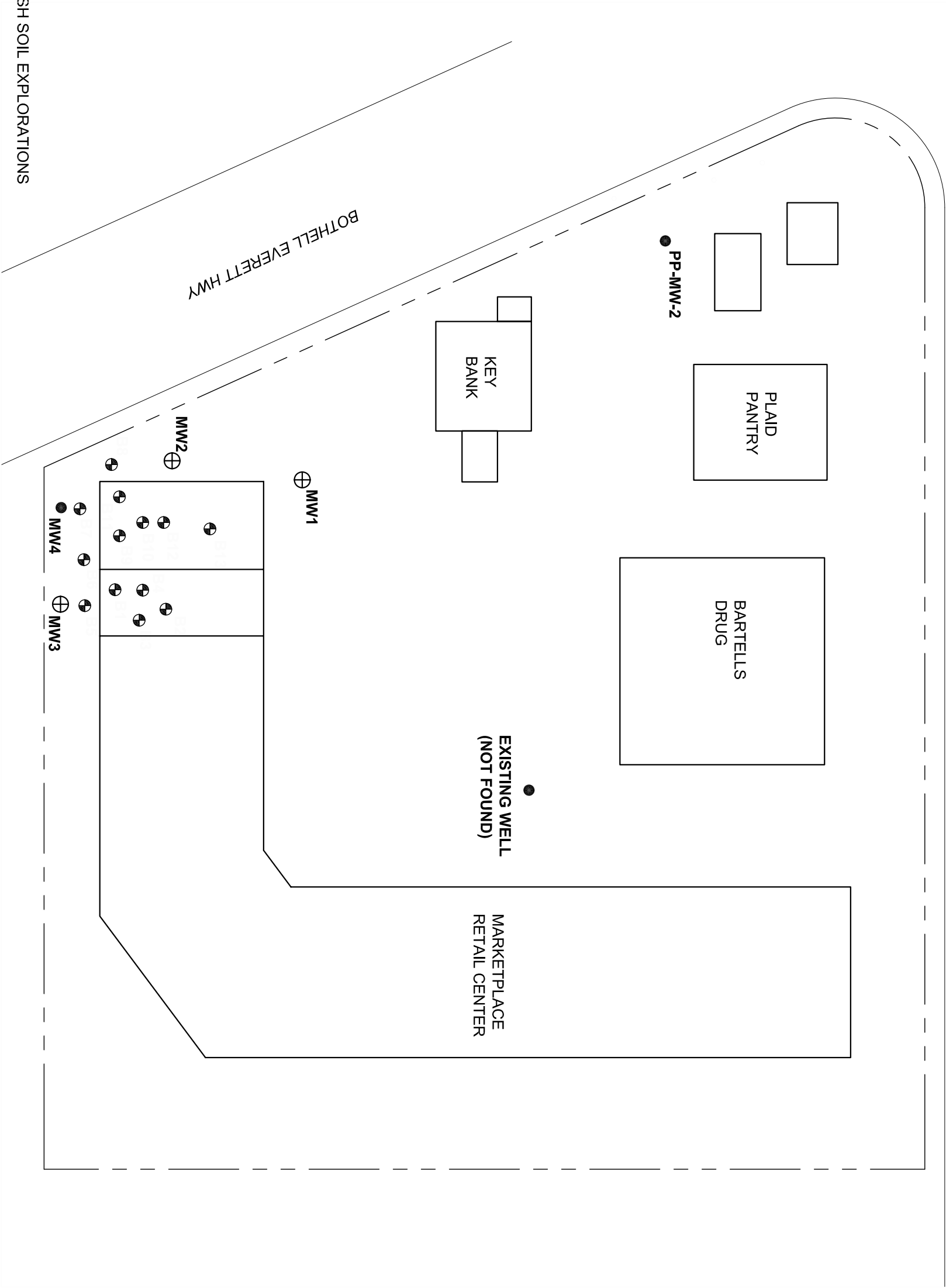
Project Mngr: JME
 Designed By:
 Checked By:
 Approved By:
 File Name:

Terracon
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Project No. 81097016
 Scale: As Shown
 Date: July, 2009
 Drawn By: JME
 Figure No. 2



180TH STREET



Project Mgr:	JME
Drawn By:	JD
Checked By:	JME
Approved By:	JME

Project No.	81097016
Scale:	AS SHOWN
File No.	Fig2.DWG
Date:	July, 2009



Consulting Engineers and Scientists

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SITE AND EXPLORATION PLAN

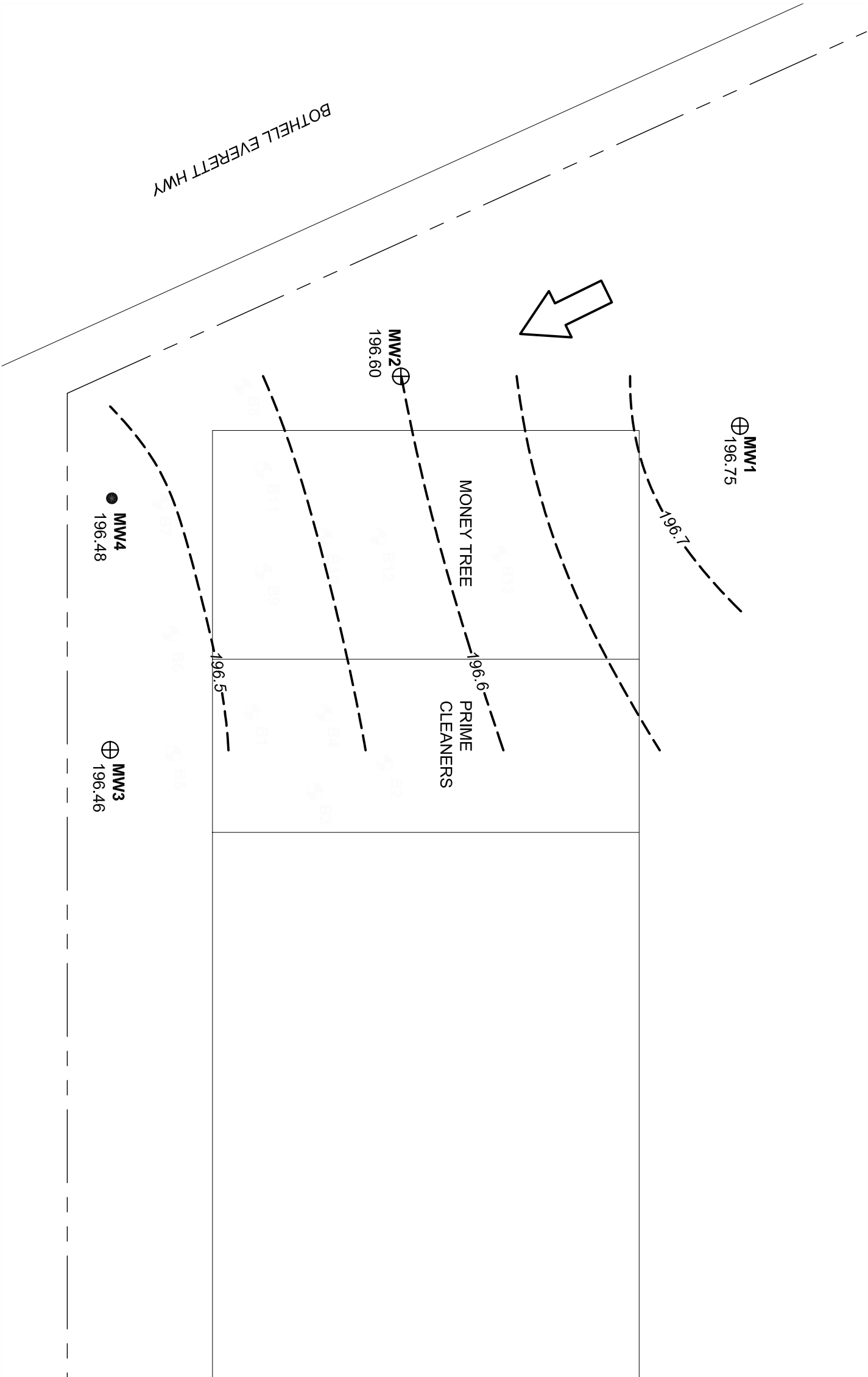
Limited Subsurface Investigation Marketplace Retail Center

Bothell, Snohomish County, Washington

Prepared for: Mill Creek Crossing LLC

FIG. No.

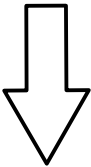
3



LEGEND:

⊕ **MW1**
196.75
MONITORING WELL NUMBER,
APPROXIMATE LOCATION, AND
GROUNDWATER ELEVATION

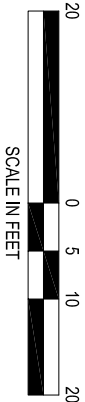
---196.6---
GROUNDWATER CONTOUR



ESTIMATED FLOW DIRECTION



WELL INSTALLED BY OTHERS



SCALE IN FEET

Project Mgr:	JME	Project No.	81097016
Drawn By:	JD	Scale:	AS SHOWN
Checked By:	JME	File No.	Fig3.DWG
Approved By:	JME	Date:	July, 2009

Terracon
Consulting Engineers and Scientists

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GROUNDWATER CONTOUR MAP

Limited Subsurface Investigation Marketplace Retail Center
Bothell, Snohomish County, Washington
Prepared for: The Echelbarger Company

FIG. No.

4



MW1			
DEPTH	PCE	TCE	
7 1/2'	ND<1.1	ND<1.1	
17 1/2'	ND<1.1	ND<1.1	
25'	2.1	ND<1.1	
37'	ND<1.3	ND<1.3	
41'	ND<1.2	ND<1.2	

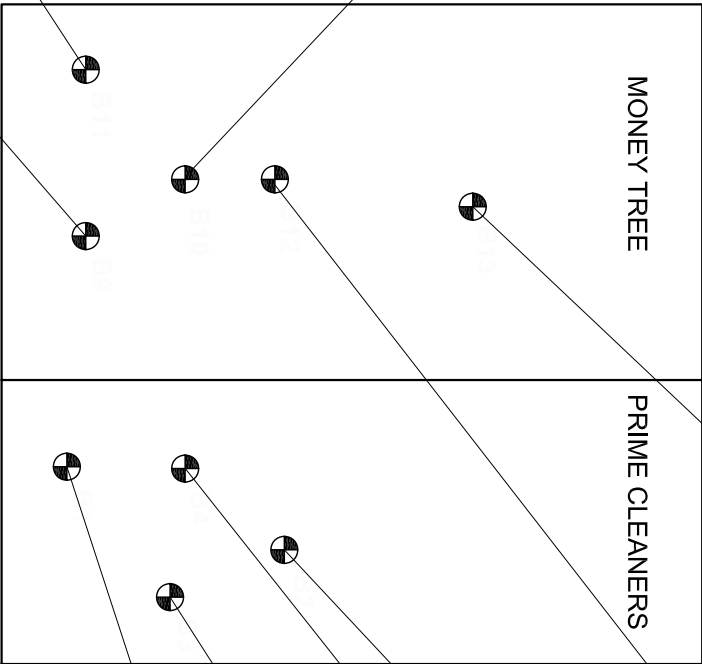
B13			
DEPTH	PCE	TCE	
3 1/2'	16	33	

B10			
DEPTH	PCE	TCE	
3'	5.2	14	
5 1/2'	160	10	

MW2			
DEPTH	PCE	TCE	
7 1/2'	ND<1.1	ND<1.1	
18'	ND<1.0	ND<1.0	
23'	ND<1.1	ND<1.1	
44'	ND<1.1	ND<1.1	
33'	ND<1.0	ND<1.0	

B8			
DEPTH	PCE	TCE	
3'	28	30	

BOTHELL EVERETT HWY



B11			
DEPTH	PCE	TCE	
3'	ND<1.0	ND<1.0	

B9			
DEPTH	PCE	TCE	
2 1/2'	110	9.2	
5'	4.1	27	

B7			
DEPTH	PCE	TCE	
3'	15	22	

B6			
DEPTH	PCE	TCE	
3'	12	15	

MW3			
DEPTH	PCE	TCE	
7 1/2'	4.5	ND<1.2	
13'	3.9	ND<1.1	
27 1/2'	9.3	ND<1.1	
31'	2.3	ND<1.1	
37'	ND<1.1	ND<1.1	

B5			
DEPTH	PCE	TCE	
3'	ND<1.1	24	

B1			
DEPTH	PCE	TCE	
3'	160	38	

B3			
DEPTH	PCE	TCE	
2 1/2'	1.9	20	

B4			
DEPTH	PCE	TCE	
2 1/2'	17	29	

B2			
DEPTH	PCE	TCE	
3'	1.1	18	

B12			
DEPTH	PCE	TCE	
3'	3.8	38	

B11			
DEPTH	PCE	TCE	
3'	ND<1.0	ND<1.0	

B9			
DEPTH	PCE	TCE	
2 1/2'	110	9.2	
5'	4.1	27	

B7			
DEPTH	PCE	TCE	
3'	15	22	

B6			
DEPTH	PCE	TCE	
3'	12	15	

MW3			
DEPTH	PCE	TCE	
7 1/2'	4.5	ND<1.2	
13'	3.9	ND<1.1	
27 1/2'	9.3	ND<1.1	
31'	2.3	ND<1.1	
37'	ND<1.1	ND<1.1	

B5			
DEPTH	PCE	TCE	
3'	ND<1.1	24	

B1			
DEPTH	PCE	TCE	
3'	160	38	

B3			
DEPTH	PCE	TCE	
2 1/2'	1.9	20	

B4			
DEPTH	PCE	TCE	
2 1/2'	17	29	

B2			
DEPTH	PCE	TCE	
3'	1.1	18	

B12			
DEPTH	PCE	TCE	
3'	3.8	38	

B11			
DEPTH	PCE	TCE	
3'	ND<1.0	ND<1.0	

B9			
DEPTH	PCE	TCE	
2 1/2'	110	9.2	
5'	4.1	27	

B7			
DEPTH	PCE	TCE	
3'	15	22	

B6			
DEPTH	PCE	TCE	
3'	12	15	

MW3			
DEPTH	PCE	TCE	
7 1/2'	4.5	ND<1.2	
13'	3.9	ND<1.1	
27 1/2'	9.3	ND<1.1	
31'	2.3	ND<1.1	
37'	ND<1.1	ND<1.1	

B5			
DEPTH	PCE	TCE	
3'	ND<1.1	24	

B1			
DEPTH	PCE	TCE	
3'	160	38	

B3			
DEPTH	PCE	TCE	
2 1/2'	1.9	20	

B4			
DEPTH	PCE	TCE	
2 1/2'	17	29	

B2			
DEPTH	PCE	TCE	
3'	1.1	18	

B12			
DEPTH	PCE	TCE	
3'	3.8	38	

B11			
DEPTH	PCE	TCE	
3'	ND<1.0	ND<1.0	

B9			
DEPTH	PCE	TCE	
2 1/2'	110	9.2	
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B7			
DEPTH	PCE	TCE	
3'	15	22	

B6			
DEPTH	PCE	TCE	
3'	12	15	

MW3			
DEPTH	PCE	TCE	
7 1/2'	4.5	ND<1.2	
13'	3.9	ND<1.1	
27 1/2'	9.3	ND<1.1	
31'	2.3	ND<1.1	
37'	ND<1.1	ND<1.1	

B5			
DEPTH	PCE	TCE	
3'	ND<1.1	24	

B1			
DEPTH	PCE	TCE	
3'	160	38	

B3			
DEPTH	PCE	TCE	
2 1/2'	1.9	20	

B4			
DEPTH	PCE	TCE	
2 1/2'	17	29	

B2			
DEPTH	PCE	TCE	
3'	1.1	18	

B12			
DEPTH	PCE	TCE	
3'	3.8	38	

B11			
DEPTH	PCE	TCE	
3'	ND<1.0	ND<1.0	

B9			
DEPTH	PCE	TCE	
2 1/2'	110	9.2	
5'	4.1	27	

B7			
DEPTH	PCE	TCE	
3'	15	22	

B6			
DEPTH	PCE	TCE	
3'	12	15	

MW3			
DEPTH	PCE	TCE	
7 1/2'	4.5	ND<1.2	
13'	3.9	ND<1.1	
27 1/2'	9.3	ND<1.1	
31'	2.3	ND<1.1	
37'	ND<1.1	ND<1.1	

B5			
DEPTH	PCE	TCE	
3'	ND<1.1	24	

B1			
DEPTH	PCE	TCE	
3'	160	38	

B3			
DEPTH	PCE	TCE	
2 1/2'	1.9	20	

B4			
DEPTH	PCE	TCE	
2 1/2'	17	29	

B2			
DEPTH	PCE	TCE	
3'	1.1	18	

B12			
DEPTH	PCE	TCE	
3'	3.8	38	

B11			
DEPTH	PCE	TCE	
3'	ND<1.0	ND<1.0	

B9			
DEPTH	PCE	TCE	
2 1/2'	110	9.2	
5'	4.1	27	

B7			
DEPTH	PCE	TCE	
3'	15	22	

B6			
DEPTH	PCE	TCE	
3'	12	15	

MW3			
DEPTH	PCE	TCE	
7 1/2'	4.5	ND<1.2	
13'	3.9	ND<1.1	
27 1/2'	9.3	ND<1.1	
31'	2.3	ND<1.1	
37'	ND<1.1	ND<1.1	

B5			
DEPTH	PCE	TCE	
3'	ND<1.1	24	

B1			
DEPTH	PCE	TCE	
3'	160	38	

B3			
DEPTH	PCE	TCE	
2 1/2'	1.9	20	

B4			
DEPTH	PCE	TCE	
2 1/2'	17	29	

B2			
DEPTH	PCE	TCE	
3'	1.1	18	

B12			
DEPTH	PCE	TCE	
3'	3.8	38	

B11			
DEPTH	PCE	TCE	
3'	ND<1.0	ND<1.0	

B9			
DEPTH	PCE	TCE	
2 1/2'	110	9.2	
5'	4.1	27	

B7			
DEPTH	PCE	TCE	
3'	15	22	

B6			
DEPTH	PCE	TCE	
3'	12	15	

MW3			
DEPTH	PCE	TCE	
7 1/2'	4.5	ND<1.2	
13'	3.9	ND<1.1	
27 1/2'	9.3	ND<1.1	
31'	2.3	ND<1.1	
37'	ND<1.1	ND<1.1	

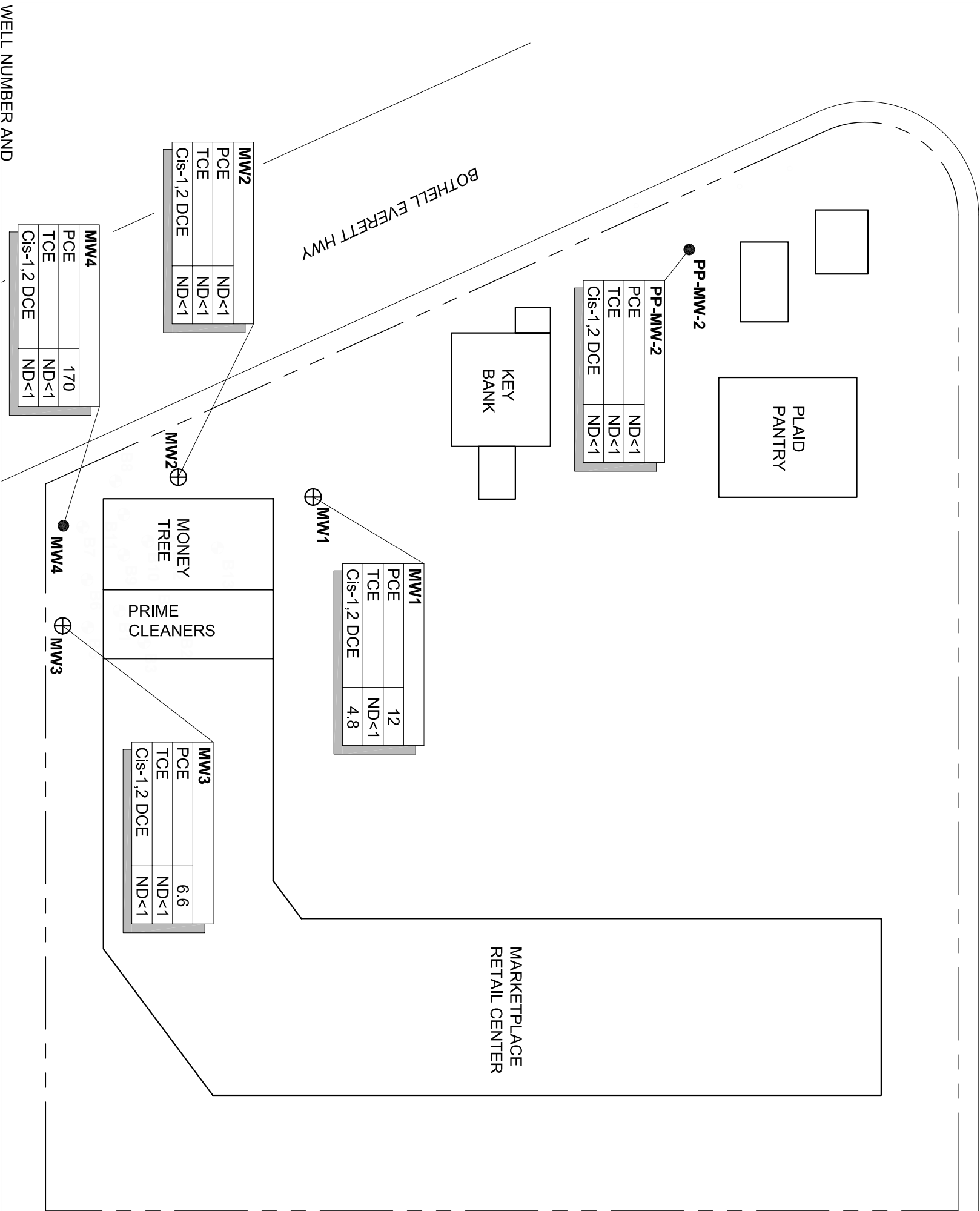
B5			
DEPTH	PCE	TCE	
3'	ND<1.1	24	

B1			
DEPTH	PCE	TCE	
3'	160	38	

B3			
DEPTH	PCE	TCE	
2 1/2'	1.9	20	



180TH STREET



Project Mgr:

Drawn By:

Checked By:

Approved By:

JME

JD

JME

JME

Project No.

Scale:

File No.

Date:

81097016

AS SHOWN

Fig5.DWG

July, 2009

Terracon

Consulting Engineers and Scientists

21005 64th Avenue NW, Ste 100

Bothell, WA 98043

PH: (425) 771-3304

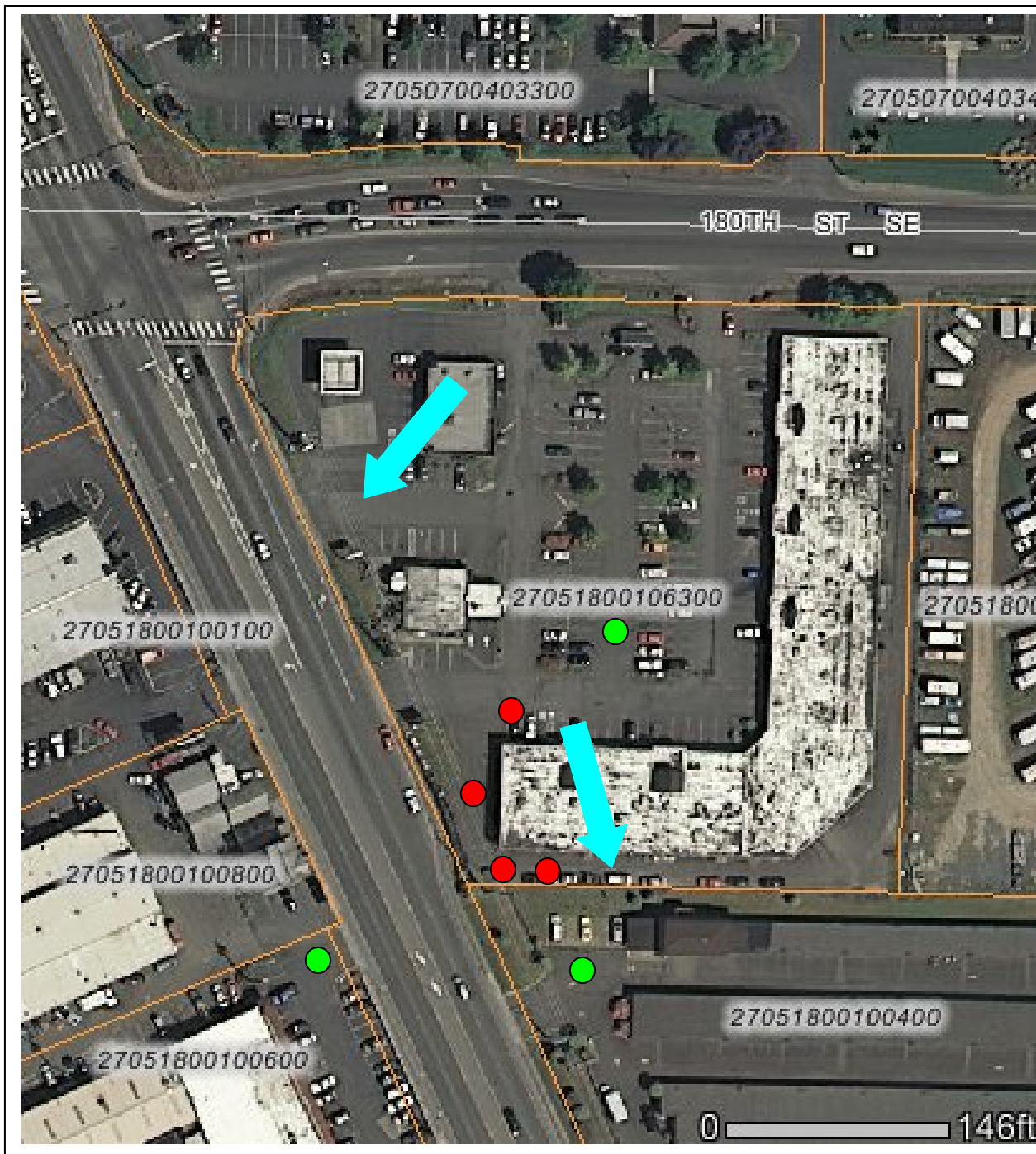
FAX: (425) 771-3549

GROUNDWATER ANALYTICAL RESULTS

Limited Subsurface Investigation Marketplace Retail Center

Bothell, Snohomish County, Washington

Prepared for: Mill Creek Crossing LLC



- EXISTING GROUNDWATER MONITORING WELL
- PROPOSED GROUNDWATER MONITORING WELL



ESTIMATED GROUNDWATER FLOW DIRECTION

DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES.

Proposed Groundwater Monitoring Wells

Marketplace Retail Center
18001 Bothell Everett Highway
Bothell, Washington

Project Mngr:	JME	Project No.	81097016
Designed By:		Scale:	
Checked By:		Date:	August, 2009
Approved By:		Drawn By:	JME
File Name:		Figure No.	7

Terracon

21905 64th Avenue West, Suite 100
Mountlake Terrace, WA 98043
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APPENDIX B

Exploration Logs

LOG OF BORING NO. B1

Page 1 of 1

CLIENT The Echelbarger Company									
SITE Bothell, Washington		PROJECT Marketplace Retail Center							
GRAPHIC LOG	DESCRIPTION	DEPTH, ft.	USCS SYMBOL	SAMPLES				TESTS	
				NUMBER	TYPE	RECOVERY, in.	SPT BLOWS	WATER CONTENT, %	DRY UNIT WT, pcf
	0.5 Vinyl floor tile over ~4 inches concrete SILTY SAND with gravel, brown, damp, medium dense to dense		SM	B1	BS	16			
	6 Boring terminated at 6.0 feet below ground surface								

The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.

WATER LEVEL OBSERVATIONS, ft

WL		
WL		
WL		

Terracon

21905 64th Avenue West, Suite #100
Mountlake Terrace, WA 98043
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BORING STARTED		5-17-09
BORING COMPLETED		5-17-09
RIG	GeoProbe	CO Cascade Drilling
LOGGED	TAH	JOB # 81097016

LOG OF BORING NO. B2

Page 1 of 1

CLIENT The Echelbarger Company									
SITE Bothell, Washington		PROJECT Marketplace Retail Center							
GRAPHIC LOG	DESCRIPTION	DEPTH, ft.	USCS SYMBOL	SAMPLES				TESTS	
				NUMBER	TYPE	RECOVERY, in.	SPT BLOWS	WATER CONTENT, %	DRY UNIT WT, pcf
	0.5 Vinyl floor tile over ~4 inches concrete SILTY SAND with gravel, brown, damp, medium dense to dense		SM	B2	BS	14			
	6 Boring terminated at 6.0 feet below ground surface								

The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.

WATER LEVEL OBSERVATIONS, ft

WL		
WL		
WL		

Terracon

21905 64th Avenue West, Suite #100
Mountlake Terrace, WA 98043
V: (425) 771-3304 F: (425) 771-3549

BORING STARTED		5-17-09
BORING COMPLETED		5-17-09
RIG	GeoProbe	CO Cascade Drilling
LOGGED	TAH	JOB # 81097016

LOG OF BORING NO. B3

Page 1 of 1

CLIENT The Echelbarger Company									
SITE Bothell, Washington		PROJECT Marketplace Retail Center							
GRAPHIC LOG	DESCRIPTION	DEPTH, ft.	USCS SYMBOL	SAMPLES				TESTS	
				NUMBER	TYPE	RECOVERY, in.	SPT BLOWS	WATER CONTENT, %	DRY UNIT WT, pcf
	0.5 Vinyl floor tile over ~4 inches concrete SILTY SAND with gravel, brown, damp, medium dense to dense								
	4 Boring terminated at 4.0 feet below ground surface		SM	B3	BS	12			EPA 8260B

The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.

WATER LEVEL OBSERVATIONS, ft

WL	▽	▽
WL	▽	▽
WL		

Terracon

21905 64th Avenue West, Suite #100
Mountlake Terrace, WA 98043
V: (425) 771-3304 F: (425) 771-3549

BORING STARTED		5-17-09
BORING COMPLETED		5-17-09
RIG	GeoProbe	CO Cascade Drilling
LOGGED	TAH	JOB # 81097016

LOG OF BORING NO. B4

Page 1 of 1

CLIENT The Echelbarger Company									
SITE Bothell, Washington		PROJECT Marketplace Retail Center							
GRAPHIC LOG	DESCRIPTION	DEPTH, ft.	USCS SYMBOL	SAMPLES				TESTS	
				NUMBER	TYPE	RECOVERY, in.	SPT BLOWS	WATER CONTENT, %	DRY UNIT WT, pcf
	0.5 Vinyl floor tile over ~4 inches concrete								
	2.5 SILTY SAND with gravel, brown, damp, medium dense to dense								
	Boring terminated at 2.5 feet below ground surface		SM	B4	BS	18			EPA 8260B

The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.

WATER LEVEL OBSERVATIONS, ft

WL	▽	▽
WL	▽	▽
WL		

Terracon

21905 64th Avenue West, Suite #100
Mountlake Terrace, WA 98043
V: (425) 771-3304 F: (425) 771-3549

BORING STARTED		5-17-09
BORING COMPLETED		5-17-09
RIG	GeoProbe	CO Cascade Drilling
LOGGED	TAH	JOB # 81097016

TC: BOREHOLE, WIDECLIMS N:\PROJECTS\2009\81097016\BORING LOGS\81097016 BORINGS AND WELLS.GPJ TERRACON.GDT 8/3/09

LOG OF BORING NO. B5

Page 1 of 1

CLIENT The Echelbarger Company									
SITE Bothell, Washington		PROJECT Marketplace Retail Center							
GRAPHIC LOG	DESCRIPTION	DEPTH, ft.	USCS SYMBOL	SAMPLES				TESTS	
				NUMBER	TYPE	RECOVERY, in.	SPT BLOWS	WATER CONTENT, %	DRY UNIT WT, pcf
	0.5 ~3 inches asphalt								
	SILTY SAND with gravel, brown, damp, medium dense to dense								
			SM	B5	BS	29			EPA 8260B
		5							
	8								
	9 SAND WITH SILT , brown, damp to moist, medium dense to dense								
	Boring terminated at 9.0 feet below ground surface								

The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.

WATER LEVEL OBSERVATIONS, ft

WL	▽	▽
WL	▽	▽
WL		

Terracon

21905 64th Avenue West, Suite #100
Mountlake Terrace, WA 98043
V: (425) 771-3304 F: (425) 771-3549

BORING STARTED		5-17-09
BORING COMPLETED		5-17-09
RIG	GeoProbe	CO Cascade Drilling
LOGGED	TAH	JOB # 81097016

TC: BOREHOLE, WIDECLIMS N:\PROJECTS\2009\81097016\BORING LOGS\81097016 BORINGS AND WELLS.GPJ TERRACON.GDT 8/3/09

LOG OF BORING NO. B6

Page 1 of 1

CLIENT

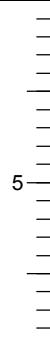
The Echelbarger Company

SITE

Bothell, Washington

PROJECT

Marketplace Retail Center

GRAPHIC LOG	DESCRIPTION	DEPTH, ft.	USCS SYMBOL	SAMPLES				TESTS		
				NUMBER	TYPE	RECOVERY, in.	SPT BLOWS	WATER CONTENT, %	DRY UNIT WT, pcf	SOIL SAMPLE SENT TO LABORATORY
	0.5 ~3 inches asphalt SILTY SAND with gravel, brown, damp, medium dense to dense		SM	B6	BS	26				EPA 8260B
	7.5 SAND WITH SILT , brown, damp to moist, medium dense to dense									
	9 Boring terminated at 9.0 feet below ground surface									

The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.

WATER LEVEL OBSERVATIONS, ft

WL		
WL		
WL		

Terracon

21905 64th Avenue West, Suite #100
Mountlake Terrace, WA 98043
V: (425) 771-3304 F: (425) 771-3549

BORING STARTED		5-17-09
BORING COMPLETED		5-17-09
RIG	GeoProbe	CO Cascade Drilling
LOGGED	TAH	JOB # 81097016

LOG OF BORING NO. B7

Page 1 of 1

CLIENT

The Echelbarger Company

SITE

Bothell, Washington

PROJECT

Marketplace Retail Center

GRAPHIC LOG	DESCRIPTION	DEPTH, ft.	USCS SYMBOL	SAMPLES				TESTS		
				NUMBER	TYPE	RECOVERY, in.	SPT BLOWS	WATER CONTENT, %	DRY UNIT WT, pcf	SOIL SAMPLE SENT TO LABORATORY
0.5	~3 inches asphalt									
	SILTY SAND with gravel, brown, damp, medium dense to dense									
			SM	B7	BS	30				EPA 8260B
8										
	SAND WITH SILT , brown, damp to moist, medium dense to dense									
10										
	Boring terminated at 10.0 feet below ground surface									

The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.

WATER LEVEL OBSERVATIONS, ft

WL	▽	▽
WL	▽	▽
WL		

Terracon

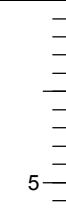
21905 64th Avenue West, Suite #100
Mountlake Terrace, WA 98043
V: (425) 771-3304 F: (425) 771-3549

BORING STARTED	5-17-09
BORING COMPLETED	5-17-09
RIG GeoProbe	CO Cascade Drilling
LOGGED TAH	JOB # 81097016

TC: BOREHOLE, WIDECLIMS N:\PROJECTS\2009\81097016\BORING LOGS\81097016 BORINGS AND WELLS.GPJ TERRACON.GDT 8/3/09

LOG OF BORING NO. B8

Page 1 of 1

CLIENT The Echelbarger Company									
SITE Bothell, Washington		PROJECT Marketplace Retail Center							
GRAPHIC LOG	DESCRIPTION	DEPTH, ft.	USCS SYMBOL	SAMPLES				TESTS	
				NUMBER	TYPE	RECOVERY, in.	SPT BLOWS	WATER CONTENT, %	DRY UNIT WT, pcf
	0.5 ~3 inches asphalt SILTY SAND with gravel, brown, damp, medium dense to dense		SM	B8	BS	26			
	6 Boring terminated at 6.0 feet below ground surface								

The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.

WATER LEVEL OBSERVATIONS, ft

WL		
WL		
WL		

Terracon

21905 64th Avenue West, Suite #100
Mountlake Terrace, WA 98043
V: (425) 771-3304 F: (425) 771-3549

BORING STARTED		5-17-09
BORING COMPLETED		5-17-09
RIG	GeoProbe	CO Cascade Drilling
LOGGED	TAH	JOB # 81097016

LOG OF BORING NO. B9

Page 1 of 1

CLIENT The Echelbarger Company									
SITE Bothell, Washington		PROJECT Marketplace Retail Center							
GRAPHIC LOG	DESCRIPTION	DEPTH, ft.	USCS SYMBOL	SAMPLES				TESTS	
				NUMBER	TYPE	RECOVERY, in.	SPT BLOWS	WATER CONTENT, %	DRY UNIT WT, pcf
	0.5 Carpet over ~4 inches concrete SILTY SAND with gravel, brown, damp, medium dense to dense								
			SM	B9	BS	12			EPA 8260B
	6 Boring terminated at 6.0 feet below ground surface	5	SM	B9	BS	16			EPA 8260B

The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.

WATER LEVEL OBSERVATIONS, ft

WL	▽	▼
WL	▽	▼
WL		

Terracon

21905 64th Avenue West, Suite #100
Mountlake Terrace, WA 98043
V: (425) 771-3304 F: (425) 771-3549

BORING STARTED		5-17-09
BORING COMPLETED		5-17-09
RIG	GeoProbe	CO Cascade Drilling
LOGGED	TAH	JOB # 81097016

LOG OF BORING NO. B10

Page 1 of 1

CLIENT The Echelbarger Company									
SITE Bothell, Washington		PROJECT Marketplace Retail Center							
GRAPHIC LOG	DESCRIPTION	DEPTH, ft.	USCS SYMBOL	SAMPLES				TESTS	
				NUMBER	TYPE	RECOVERY, in.	SPT BLOWS	WATER CONTENT, %	DRY UNIT WT, pcf
	0.5 Carpet over ~4 inches concrete SILTY SAND with gravel, brown, damp, medium dense to dense								
			SM	B10	BS	16			EPA 8260B
	5.5 Boring terminated at 5.5 feet below ground surface		SM	B10	BS	14			EPA 8260B

The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.

WATER LEVEL OBSERVATIONS, ft

WL	▽	▽
WL	▽	▽
WL		

Terracon

21905 64th Avenue West, Suite #100
Mountlake Terrace, WA 98043
V: (425) 771-3304 F: (425) 771-3549

BORING STARTED		5-17-09
BORING COMPLETED		5-17-09
RIG	GeoProbe	CO Cascade Drilling
LOGGED	TAH	JOB # 81097016

LOG OF BORING NO. B11

Page 1 of 1

CLIENT The Echelbarger Company									
SITE Bothell, Washington		PROJECT Marketplace Retail Center							
GRAPHIC LOG	DESCRIPTION	DEPTH, ft.	USCS SYMBOL	SAMPLES				TESTS	
				NUMBER	TYPE	RECOVERY, in.	SPT BLOWS	WATER CONTENT, %	DRY UNIT WT, pcf
	0.5 Sheet vinyl flooring over ~4 inches concrete								
	SILTY SAND with gravel, brown, damp, medium dense to dense								
	3 Boring terminated at 3.0 feet below ground surface		SM	B11	BS	15			EPA 8260B

The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.

WATER LEVEL OBSERVATIONS, ft

WL		
WL		
WL		

Terracon

21905 64th Avenue West, Suite #100
Mountlake Terrace, WA 98043
V: (425) 771-3304 F: (425) 771-3549

BORING STARTED		5-17-09
BORING COMPLETED		5-17-09
RIG	GeoProbe	CO Cascade Drilling
LOGGED	TAH	JOB # 81097016

LOG OF BORING NO. B12

Page 1 of 1

CLIENT The Echelbarger Company									
SITE Bothell, Washington		PROJECT Marketplace Retail Center							
GRAPHIC LOG	DESCRIPTION	DEPTH, ft.	USCS SYMBOL	SAMPLES				TESTS	
				NUMBER	TYPE	RECOVERY, in.	SPT BLOWS	WATER CONTENT, %	DRY UNIT WT, pcf
	0.5 Carpet over ~4 inches concrete SILTY SAND with gravel, brown, damp, medium dense to dense								
	5 Boring terminated at 5.0 feet below ground surface	5	SM	B12	BS	19			EPA 8260B

The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.

WATER LEVEL OBSERVATIONS, ft

WL	▽	▽
WL	▽	▽
WL		

Terracon

21905 64th Avenue West, Suite #100
Mountlake Terrace, WA 98043
V: (425) 771-3304 F: (425) 771-3549

BORING STARTED		5-17-09
BORING COMPLETED		5-17-09
RIG	GeoProbe	CO Cascade Drilling
LOGGED	TAH	JOB # 81097016

LOG OF BORING NO. B13

Page 1 of 1

CLIENT		The Echelbarger Company							
SITE		Bothell, Washington							
PROJECT		Marketplace Retail Center							
GRAPHIC LOG	DESCRIPTION	DEPTH, ft.	USCS SYMBOL	SAMPLES				TESTS	
				NUMBER	TYPE	RECOVERY, in.	SPT BLOWS	WATER CONTENT, %	DRY UNIT WT, pcf
	0.5 Carpet over ~4 inches concrete SILTY SAND with gravel, brown, damp, medium dense to dense								
	4 Boring terminated at 4.0 feet below ground surface		SM	B13	BS	17			EPA 8260B

The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.

WATER LEVEL OBSERVATIONS, ft

WL		
WL		
WL		

Terracon

21905 64th Avenue West, Suite #100
Mountlake Terrace, WA 98043
V: (425) 771-3304 F: (425) 771-3549

BORING STARTED		5-17-09
BORING COMPLETED		5-17-09
RIG	GeoProbe	CO Cascade Drilling
LOGGED	TAH	JOB # 81097016

LOG OF WELL NO. MW1 (Well Tag #BBK-039)

Page 1 of 2

CLIENT

The Echelbarger Company

SITE

Bothell, Washington

PROJECT

Marketplace Retail Center

GRAPHIC LOG	DESCRIPTION	WELL DETAIL	DEPTH, ft.	USCS SYMBOL	SAMPLES				TESTS		
					NUMBER	TYPE	RECOVERY, in.	SPT BLOWS	WATER CONTENT, %	DRY UNIT WT, pcf	
	BOREHOLE DIA.: 4 in WELL DIA.: 2 in GROUND SURFACE ELEV.: 220.92'										
0.5	~4 inches asphalt		0								
	SILTY SAND with gravel and cobbles, brown, damp, medium dense to very dense										
			5								
				SM	MW1-1	SS	6	33			
			10								
11			0								
	SILTY SAND with gravel and cobbles, brown, damp, grading to very dense										
			15								
17.5			0								
18	Grading moist		0								
	SILTY SAND with gravel and cobbles, brown, damp, very dense			SM	MW1-2	SS	6	95			
			20								
			25								
24			0								
	SAND WITH SILT and a trace gravel, brown, moist, very dense			SM	MW1-3	SS	6	87			
			30								

Continued Next Page

The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.

WATER LEVEL OBSERVATIONS, ft

WL 23.0 WD

WL

WL

Terracon

21905 64th Avenue West, Suite #100
Mountlake Terrace, WA 98043
V: (425) 771-3304 F: (425) 771-3549

WELL STARTED 5-28-09

WELL COMPLETED 5-28-09

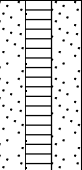
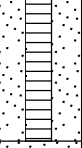
RIG HS CO. Env. Drilling

LOGGED TAH JOB # 81097016

TC WELL WIDECOLUMNS N:\PROJECTS\2009\81097016\BORING LOGS\81097016 WELLS.GPJ TERRACON.GDT 8/3/09

LOG OF WELL NO. MW1 (Well Tag #BBK-039)

Page 2 of 2

CLIENT The Echelbarger Company												
SITE Bothell, Washington					PROJECT Marketplace Retail Center							
GRAPHIC LOG	DESCRIPTION	WELL DETAIL	DEPTH, ft.	USCS SYMBOL	SAMPLES				TESTS			
					NUMBER	TYPE	RECOVERY, in.	SPT BLOWS	WATER CONTENT, %	DRY UNIT WT, pcf		
	SAND WITH SILT and a trace gravel, brown, moist, very dense		35									
37												
	GRAVELLY SAND , brown, wet, very dense		40	SM	MW1-4	SS	6	38				
41												
				SM	MW1-5	SS	6	105				

The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.

WATER LEVEL OBSERVATIONS, ft

WL	23.0	WD	
WL		WD	
WL		WD	

Terracon

21905 64th Avenue West, Suite #100
Mountlake Terrace, WA 98043
V: (425) 771-3304 F: (425) 771-3549

WELL STARTED		5-28-09	
WELL COMPLETED		5-28-09	
RIG	HS	CO.	Env. Drilling
LOGGED	TAH	JOB #	81097016

LOG OF WELL NO. MW2 (Well Tag #BBK-040)

Page 1 of 2

CLIENT

The Echelbarger Company

SITE

Bothell, Washington

PROJECT

Marketplace Retail Center

GRAPHIC LOG	DESCRIPTION	WELL DETAIL	DEPTH, ft.	USCS SYMBOL	SAMPLES				TESTS		
					NUMBER	TYPE	RECOVERY, in.	SPT BLOWS	WATER CONTENT, %	DRY UNIT WT, pcf	
	BOREHOLE DIA.: 4 in WELL DIA.: 2 in GROUND SURFACE ELEV.: 221.05'										
	0.5 ~4 inches asphalt										
	SILTY SAND with gravel and cobbles, brown, damp, medium dense to very dense										
			5								
				SM	MW2-6	SS	6	35			
	11		10								
	12.5 SILTY SAND with gravel and cobbles, brown, damp, grading to very dense Grading moist										
	SILTY SAND with gravel and cobbles, brown, damp, very dense		15								
				SM	MW2-7	SS	6	96			
	22.5		20								
	SAND WITH SILT and a trace gravel, brown, moist, very dense			SM	MW2-8	SS	6	97			
			25								
	27.5 GRAVELLY SAND , brown, wet, very dense		30								

Continued Next Page

The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.

WATER LEVEL OBSERVATIONS, ft

WL 23.5 WD

WL

WL

Terracon

21905 64th Avenue West, Suite #100
Mountlake Terrace, WA 98043
V: (425) 771-3304 F: (425) 771-3549

WELL STARTED 5-28-09

WELL COMPLETED 5-28-09

RIG HS CO. Env. Drilling

LOGGED TAH JOB # 81097016

TC WELL WIDECOLUMNS N:\PROJECTS\2009\81097016\BORING LOGS\81097016 WELLS.GPJ TERRACON.GDT 8/3/09

Page 2 of 2

The Echelbarger Company

Bothell, Washington

Marketplace Retail Center

ATC_WELL_WIDECOLUMNS N:\PROJECTS\2009\81097016\BORING LOGS\81097016 WELLS.GPJ TERRACON.GDT 8/3/09

WL	
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21905 64th Avenue West, Suite #100
Mountlake Terrace, WA 98043
V: (425) 771-3304 F: (425) 771-3549

LOGGED	TAH	JOB #	81097016
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Page 1 of 2

The Echelbarger Company

Bothell, Washington

Marketplace Retail Center

Continued Next Page

WATER LEVEL OBSERVATIONS, ft

Terracon

WELL STARTED 5-28-09

WELL COMPLETED	5-28-09
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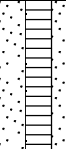
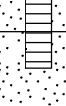
RIG	HS	CO.	Env. Drilling
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LOGGED	TAH	JOB #	81097016
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\\TC_WELL_WIDECOLUMNS N:\PROJECTS\2009\81097016\BORING LOGS\81097016 WELLS.GPJ TERRACON.GDT 8/3/09

LOG OF WELL NO. MW3 (Well Tag #BBK-041)

Page 2 of 2

CLIENT The Echelbarger Company												
SITE Bothell, Washington					PROJECT Marketplace Retail Center							
GRAPHIC LOG	DESCRIPTION	WELL DETAIL	DEPTH, ft.	USCS SYMBOL	SAMPLES				TESTS			
					NUMBER	TYPE	RECOVERY, in.	SPT BLOWS	WATER CONTENT, %	DRY UNIT WT, pcf		
	SAND WITH SILT and a trace gravel, brown, moist, very dense		35									
37		0										
38	GRAVELLY SAND , brown, wet, very dense			SM	MW3-15	SS	6	100 (~2' Hve.)				

The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.

WATER LEVEL OBSERVATIONS, ft

WL	24.5	WD	
WL		WD	
WL		WD	

Terracon

21905 64th Avenue West, Suite #100
Mountlake Terrace, WA 98043
V: (425) 771-3304 F: (425) 771-3549

WELL STARTED		5-28-09	
WELL COMPLETED		5-28-09	
RIG	HS	CO.	Env. Drilling
LOGGED	TAH	JOB #	81097016

APPENDIX C

Laboratory Data Sheets

Terracon-Mntlake Terrace
21905 64th Ave W,
Suite 100
Mountlake Terrace, WA
98043

Billing Information:

Report to:

Jon Einarsen

Email to:

jmeinarsen@terracon.com

Analysis/Container/Preservative

Chain of Custody
Page 1 of 2



12065 Lebanon Road
Mt. Juliet, TN 37122

Phone: (800) 767-5859
Phone: (615) 758-5858
Fax: (615) 758-5859

Project Description: Marketplace Retail LSI

City/State Collected Bothell, WA

Phone: 425-771-3304
FAX: 425-771-3549 fax

Client Project #: 81097016

ESC Key:

Collected by: Travis Hauk

Site/Facility ID#:

P.O.#:

Collected by (signature):

LCH

Rush? (Lab MUST Be Notified)

Same Day.....200%
Next Day.....100%
Two Day.....50%
Three Day.....25%

Date Results Needed:

Email? ☐ No ☒ Yes

FAX? ☐ No ☒ Yes

No.
of
Cntrs

EPA 5035/8260B

Immediately Packed on Ice N *(Y)*

CoCode (lab use only)

Template/Prelogin

Shipped Via:

Remarks/Contaminant

Sample # (lab only)

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	Cntrs	EPA 5	Shipped Via:																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
								Remarks/Contaminant					Sample # (lab only)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
B1	Grab	SS	3'	5/17/09	5:22P	5	X																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

pH Temp

Remarks:

463262606270 Flow Other

Relinquished by: (Signature) <i>LCH</i>	Date: 5/18/09	Time: 12:07P	Received by: (Signature)	Samples returned via: ☒ FedEx ☐ UPS ☐ Courier	Condition: (lab use only)
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 4.1°C	Bottles Received: 75
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) <i>for wade</i>	Date: 5/19/09	Time: 0900
				CoC Seals Intact: ☐ Y ☐ N ☐ NA	pH Checked: NCF:

Terracon-Mntlake Terrace
21905 64th Ave W,
Suite 100
Mountlake Terrace, WA
98043

Billing Information:

Report to: Jon Einarsen

Email to: jmeinarsen@terracon.com

Analysis/Container/Preservative

Chain of Custody
Page 2 of 2



12065 Lebanon Road
Mt. Juliet, TN 37122

Phone: (800) 767-5859
Phone: (615) 758-5858
Fax: (615) 758-5859

Project Description: Marketplace Retail LSI

City/State Collected: Bothell, WA

Phone: 425-771-3304 Client Project #: 81097016 ESC Key:

FAX: 425-771-3549 fax

Collected by: Travis Hauk Site/Facility ID#: P.O.#:

Collected by (signature): *[Signature]*

Rush? (Lab MUST Be Notified)

Same Day.....200%

Next Day.....100%

Two Day.....50%

Three Day.....25%

Date Results Needed:

Email? ☐ No ☒ Yes

FAX? ☐ No ☒ Yes

Immediately Packed on Ice N *(V)*

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs
B9	Grab	SS	2 1/2'	5/17/09	9:45P	5
B9	Grab	SS	5'	5/17/09	9:57P	5
B10	Grab	SS	3'	5/17/09	9:21P	5
B10	Grab	SS	5 1/2'	5/17/09	9:24P	5
B11	Grab	SS	3'	5/17/09	9:30P	5
B12	Grab	SS	3'	5/17/09	9:10P	5
B13	Grab	SS	3 1/2'	5/17/09	8:55P	5

EPA 5035/8260B

CoCode (lab use only)

Template/Prelogin

Shipped Via:

Remarks/Contaminant Sample # (lab only)

L405242-09
-10
-11
-12
-13
-14
-15

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other _____

pH _____ Temp _____

Remarks:

963262606270 low _____ Other _____

Relinquished by: (Signature) <i>[Signature]</i>	Date: 5/18/09	Time: 12:02P	Received by: (Signature) <i>[Signature]</i>	Samples returned via: ☒ UPS ☐ FedEx ☐ Courier	Condition: (lab use only)
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 4.1°C	Bottles Received: 75
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) <i>[Signature]</i>	Date: 5/19/09	Time: 0900

C&C Seals Intact: ☐ Y ☐ N ☐ NA

pH Checked: NCF:



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Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

Report Summary

Monday May 25, 2009

Report Number: L403242

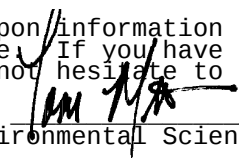
Samples Received: 05/19/09

Client Project: 81097016

Description: Marketplace Retail LSI

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:


Environmental Science Corp, ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140
NJ - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910

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Where applicable, sampling conducted by ESC is performed per guidance provided
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REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

May 25, 2009

Date Received : May 19, 2009
Description : Marketplace Retail LSI
Sample ID : B1 3FT
Collected By : Travis Hauk
Collection Date : 05/17/09 17:22

ESC Sample # : L403242-01

Site ID :

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	65.3		%	2540G	05/23/09	1
Volatile Organics						
Acetone	BDL	0.076	mg/kg	8260B	05/20/09	1
Acrylonitrile	BDL	0.015	mg/kg	8260B	05/20/09	1
Benzene	BDL	0.0015	mg/kg	8260B	05/20/09	1
Bromobenzene	BDL	0.0015	mg/kg	8260B	05/20/09	1
Bromodichloromethane	BDL	0.0015	mg/kg	8260B	05/20/09	1
Bromoform	BDL	0.0015	mg/kg	8260B	05/20/09	1
Bromomethane	BDL	0.0076	mg/kg	8260B	05/20/09	1
n-Butylbenzene	BDL	0.0015	mg/kg	8260B	05/20/09	1
sec-Butylbenzene	BDL	0.0015	mg/kg	8260B	05/20/09	1
tert-Butylbenzene	BDL	0.0015	mg/kg	8260B	05/20/09	1
Carbon tetrachloride	BDL	0.0015	mg/kg	8260B	05/20/09	1
Chlorobenzene	BDL	0.0015	mg/kg	8260B	05/20/09	1
Chlorodibromomethane	BDL	0.0015	mg/kg	8260B	05/20/09	1
Chloroethane	BDL	0.0076	mg/kg	8260B	05/20/09	1
2-Chloroethyl vinyl ether	BDL	0.076	mg/kg	8260B	05/20/09	1
Chloroform	BDL	0.0076	mg/kg	8260B	05/20/09	1
Chloromethane	BDL	0.0015	mg/kg	8260B	05/20/09	1
2-Chlorotoluene	BDL	0.0015	mg/kg	8260B	05/20/09	1
4-Chlorotoluene	BDL	0.0015	mg/kg	8260B	05/20/09	1
1,2-Dibromo-3-Chloropropane	BDL	0.0076	mg/kg	8260B	05/20/09	1
1,2-Dibromoethane	BDL	0.0015	mg/kg	8260B	05/20/09	1
Dibromomethane	BDL	0.0015	mg/kg	8260B	05/20/09	1
1,2-Dichlorobenzene	BDL	0.0015	mg/kg	8260B	05/20/09	1
1,3-Dichlorobenzene	BDL	0.0015	mg/kg	8260B	05/20/09	1
1,4-Dichlorobenzene	BDL	0.0015	mg/kg	8260B	05/20/09	1
Dichlorodifluoromethane	BDL	0.0076	mg/kg	8260B	05/20/09	1
1,1-Dichloroethane	BDL	0.0015	mg/kg	8260B	05/20/09	1
1,2-Dichloroethane	BDL	0.0015	mg/kg	8260B	05/20/09	1
1,1-Dichloroethene	BDL	0.0015	mg/kg	8260B	05/20/09	1
cis-1,2-Dichloroethene	BDL	0.0015	mg/kg	8260B	05/20/09	1
trans-1,2-Dichloroethene	BDL	0.0015	mg/kg	8260B	05/20/09	1
1,2-Dichloropropane	BDL	0.0015	mg/kg	8260B	05/20/09	1
1,1-Dichloropropene	BDL	0.0015	mg/kg	8260B	05/20/09	1
1,3-Dichloropropene	BDL	0.0015	mg/kg	8260B	05/20/09	1
cis-1,3-Dichloropropene	BDL	0.0015	mg/kg	8260B	05/20/09	1
trans-1,3-Dichloropropene	BDL	0.0015	mg/kg	8260B	05/20/09	1
2,2-Dichloropropane	BDL	0.0015	mg/kg	8260B	05/20/09	1
Di-isopropyl ether	BDL	0.0015	mg/kg	8260B	05/20/09	1
Ethylbenzene	BDL	0.0015	mg/kg	8260B	05/20/09	1
Hexachloro-1,3-butadiene	BDL	0.0015	mg/kg	8260B	05/20/09	1
Isopropylbenzene	BDL	0.0015	mg/kg	8260B	05/20/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

May 25, 2009

Date Received : May 19, 2009
Description : Marketplace Retail LSI

ESC Sample # : L403242-01

Sample ID : B1 3FT

Site ID :

Collected By : Travis Hauk
Collection Date : 05/17/09 17:22

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0015	mg/kg	8260B	05/20/09	1
2-Butanone (MEK)	BDL	0.015	mg/kg	8260B	05/20/09	1
Methylene Chloride	BDL	0.0076	mg/kg	8260B	05/20/09	1
4-Methyl-2-pentanone (MIBK)	BDL	0.015	mg/kg	8260B	05/20/09	1
Methyl tert-butyl ether	BDL	0.0015	mg/kg	8260B	05/20/09	1
Naphthalene	BDL	0.0076	mg/kg	8260B	05/20/09	1
n-Propylbenzene	BDL	0.0015	mg/kg	8260B	05/20/09	1
Styrene	BDL	0.0015	mg/kg	8260B	05/20/09	1
1,1,1,2-Tetrachloroethane	BDL	0.0015	mg/kg	8260B	05/20/09	1
1,1,2,2-Tetrachloroethane	BDL	0.0015	mg/kg	8260B	05/20/09	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0015	mg/kg	8260B	05/20/09	1
Tetrachloroethene	0.16	0.0015	mg/kg	8260B	05/20/09	1
Toluene	BDL	0.0076	mg/kg	8260B	05/20/09	1
1,2,3-Trichlorobenzene	BDL	0.0015	mg/kg	8260B	05/20/09	1
1,2,4-Trichlorobenzene	BDL	0.0015	mg/kg	8260B	05/20/09	1
1,1,1-Trichloroethane	BDL	0.0015	mg/kg	8260B	05/20/09	1
1,1,2-Trichloroethane	BDL	0.0015	mg/kg	8260B	05/20/09	1
Trichloroethene	0.038	0.0015	mg/kg	8260B	05/20/09	1
Trichlorofluoromethane	BDL	0.0076	mg/kg	8260B	05/20/09	1
1,2,3-Trichloropropane	BDL	0.0015	mg/kg	8260B	05/20/09	1
1,2,4-Trimethylbenzene	BDL	0.0015	mg/kg	8260B	05/20/09	1
1,2,3-Trimethylbenzene	BDL	0.0015	mg/kg	8260B	05/20/09	1
1,3,5-Trimethylbenzene	BDL	0.0015	mg/kg	8260B	05/20/09	1
Vinyl chloride	BDL	0.0015	mg/kg	8260B	05/20/09	1
Xylenes, Total	BDL	0.0046	mg/kg	8260B	05/20/09	1
Surrogate Recovery						
Toluene-d8	101.		% Rec.	8260B	05/20/09	1
Dibromofluoromethane	98.6		% Rec.	8260B	05/20/09	1
a,a,a-Trifluorotoluene	95.4		% Rec.	8260B	05/20/09	1
4-Bromofluorobenzene	87.7		% Rec.	8260B	05/20/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

May 25, 2009

Date Received : May 19, 2009
Description : Marketplace Retail LSI

ESC Sample # : L403242-02

Sample ID : B2 3FT

Site ID :

Collected By : Travis Hauk
Collection Date : 05/17/09 17:34

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	95.2		%	2540G	05/23/09	1
Volatile Organics						
Acetone	BDL	0.052	mg/kg	8260B	05/20/09	1
Acrylonitrile	BDL	0.010	mg/kg	8260B	05/20/09	1
Benzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
Bromobenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
Bromodichloromethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
Bromoform	BDL	0.0010	mg/kg	8260B	05/20/09	1
Bromomethane	BDL	0.0052	mg/kg	8260B	05/20/09	1
n-Butylbenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
sec-Butylbenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
tert-Butylbenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
Carbon tetrachloride	BDL	0.0010	mg/kg	8260B	05/20/09	1
Chlorobenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
Chlorodibromomethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
Chloroethane	BDL	0.0052	mg/kg	8260B	05/20/09	1
2-Chloroethyl vinyl ether	BDL	0.052	mg/kg	8260B	05/20/09	1
Chloroform	BDL	0.0052	mg/kg	8260B	05/20/09	1
Chloromethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
2-Chlorotoluene	BDL	0.0010	mg/kg	8260B	05/20/09	1
4-Chlorotoluene	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,2-Dibromo-3-Chloropropane	BDL	0.0052	mg/kg	8260B	05/20/09	1
1,2-Dibromoethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
Dibromomethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,2-Dichlorobenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,3-Dichlorobenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,4-Dichlorobenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
Dichlorodifluoromethane	BDL	0.0052	mg/kg	8260B	05/20/09	1
1,1-Dichloroethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,2-Dichloroethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,1-Dichloroethene	BDL	0.0010	mg/kg	8260B	05/20/09	1
cis-1,2-Dichloroethene	BDL	0.0010	mg/kg	8260B	05/20/09	1
trans-1,2-Dichloroethene	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,2-Dichloropropane	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,1-Dichloropropene	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,3-Dichloropropene	BDL	0.0010	mg/kg	8260B	05/20/09	1
cis-1,3-Dichloropropene	BDL	0.0010	mg/kg	8260B	05/20/09	1
trans-1,3-Dichloropropene	BDL	0.0010	mg/kg	8260B	05/20/09	1
2,2-Dichloropropane	BDL	0.0010	mg/kg	8260B	05/20/09	1
Di-isopropyl ether	BDL	0.0010	mg/kg	8260B	05/20/09	1
Ethylbenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
Hexachloro-1,3-butadiene	BDL	0.0010	mg/kg	8260B	05/20/09	1
Isopropylbenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

May 25, 2009

Date Received : May 19, 2009
Description : Marketplace Retail LSI

ESC Sample # : L403242-02

Sample ID : B2 3FT

Site ID :

Collected By : Travis Hauk
Collection Date : 05/17/09 17:34

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0010	mg/kg	8260B	05/20/09	1
2-Butanone (MEK)	BDL	0.010	mg/kg	8260B	05/20/09	1
Methylene Chloride	BDL	0.0052	mg/kg	8260B	05/20/09	1
4-Methyl-2-pentanone (MIBK)	BDL	0.010	mg/kg	8260B	05/20/09	1
Methyl tert-butyl ether	BDL	0.0010	mg/kg	8260B	05/20/09	1
Naphthalene	BDL	0.0052	mg/kg	8260B	05/20/09	1
n-Propylbenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
Styrene	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,1,1,2-Tetrachloroethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,1,2,2-Tetrachloroethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0010	mg/kg	8260B	05/20/09	1
Tetrachloroethene	0.0011	0.0010	mg/kg	8260B	05/20/09	1
Toluene	BDL	0.0052	mg/kg	8260B	05/20/09	1
1,2,3-Trichlorobenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,2,4-Trichlorobenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,1,1-Trichloroethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,1,2-Trichloroethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
Trichloroethene	0.018	0.0010	mg/kg	8260B	05/20/09	1
Trichlorofluoromethane	BDL	0.0052	mg/kg	8260B	05/20/09	1
1,2,3-Trichloropropane	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,2,4-Trimethylbenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,2,3-Trimethylbenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,3,5-Trimethylbenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
Vinyl chloride	BDL	0.0010	mg/kg	8260B	05/20/09	1
Xylenes, Total	BDL	0.0032	mg/kg	8260B	05/20/09	1
Surrogate Recovery						
Toluene-d8	102.		% Rec.	8260B	05/20/09	1
Dibromofluoromethane	97.2		% Rec.	8260B	05/20/09	1
a,a,a-Trifluorotoluene	97.8		% Rec.	8260B	05/20/09	1
4-Bromofluorobenzene	98.2		% Rec.	8260B	05/20/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

May 25, 2009

Date Received : May 19, 2009
Description : Marketplace Retail LSI

Sample ID : B3 2.5FT

Collected By : Travis Hauk
Collection Date : 05/17/09 17:57

ESC Sample # : L403242-03

Site ID :

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	95.4		%	2540G	05/23/09	1
Volatile Organics						
Acetone	BDL	0.052	mg/kg	8260B	05/20/09	1
Acrylonitrile	BDL	0.010	mg/kg	8260B	05/20/09	1
Benzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
Bromobenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
Bromodichloromethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
Bromoform	BDL	0.0010	mg/kg	8260B	05/20/09	1
Bromomethane	BDL	0.0052	mg/kg	8260B	05/20/09	1
n-Butylbenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
sec-Butylbenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
tert-Butylbenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
Carbon tetrachloride	BDL	0.0010	mg/kg	8260B	05/20/09	1
Chlorobenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
Chlorodibromomethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
Chloroethane	BDL	0.0052	mg/kg	8260B	05/20/09	1
2-Chloroethyl vinyl ether	BDL	0.052	mg/kg	8260B	05/20/09	1
Chloroform	BDL	0.0052	mg/kg	8260B	05/20/09	1
Chloromethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
2-Chlorotoluene	BDL	0.0010	mg/kg	8260B	05/20/09	1
4-Chlorotoluene	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,2-Dibromo-3-Chloropropane	BDL	0.0052	mg/kg	8260B	05/20/09	1
1,2-Dibromoethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
Dibromomethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,2-Dichlorobenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,3-Dichlorobenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,4-Dichlorobenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
Dichlorodifluoromethane	BDL	0.0052	mg/kg	8260B	05/20/09	1
1,1-Dichloroethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,2-Dichloroethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,1-Dichloroethene	BDL	0.0010	mg/kg	8260B	05/20/09	1
cis-1,2-Dichloroethene	BDL	0.0010	mg/kg	8260B	05/20/09	1
trans-1,2-Dichloroethene	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,2-Dichloropropane	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,1-Dichloropropene	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,3-Dichloropropene	BDL	0.0010	mg/kg	8260B	05/20/09	1
cis-1,3-Dichloropropene	BDL	0.0010	mg/kg	8260B	05/20/09	1
trans-1,3-Dichloropropene	BDL	0.0010	mg/kg	8260B	05/20/09	1
2,2-Dichloropropane	BDL	0.0010	mg/kg	8260B	05/20/09	1
Di-isopropyl ether	BDL	0.0010	mg/kg	8260B	05/20/09	1
Ethylbenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
Hexachloro-1,3-butadiene	BDL	0.0010	mg/kg	8260B	05/20/09	1
Isopropylbenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

May 25, 2009

Date Received : May 19, 2009
Description : Marketplace Retail LSI
Sample ID : B3 2.5FT
Collected By : Travis Hauk
Collection Date : 05/17/09 17:57

ESC Sample # : L403242-03

Site ID :

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0010	mg/kg	8260B	05/20/09	1
2-Butanone (MEK)	BDL	0.010	mg/kg	8260B	05/20/09	1
Methylene Chloride	BDL	0.0052	mg/kg	8260B	05/20/09	1
4-Methyl-2-pentanone (MIBK)	BDL	0.010	mg/kg	8260B	05/20/09	1
Methyl tert-butyl ether	BDL	0.0010	mg/kg	8260B	05/20/09	1
Naphthalene	BDL	0.0052	mg/kg	8260B	05/20/09	1
n-Propylbenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
Styrene	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,1,1,2-Tetrachloroethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,1,2,2-Tetrachloroethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0010	mg/kg	8260B	05/20/09	1
Tetrachloroethene	0.0019	0.0010	mg/kg	8260B	05/20/09	1
Toluene	BDL	0.0052	mg/kg	8260B	05/20/09	1
1,2,3-Trichlorobenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,2,4-Trichlorobenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,1,1-Trichloroethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,1,2-Trichloroethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
Trichloroethene	0.020	0.0010	mg/kg	8260B	05/20/09	1
Trichlorofluoromethane	BDL	0.0052	mg/kg	8260B	05/20/09	1
1,2,3-Trichloropropane	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,2,4-Trimethylbenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,2,3-Trimethylbenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,3,5-Trimethylbenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
Vinyl chloride	BDL	0.0010	mg/kg	8260B	05/20/09	1
Xylenes, Total	BDL	0.0031	mg/kg	8260B	05/20/09	1
Surrogate Recovery						
Toluene-d8	102.		% Rec.	8260B	05/20/09	1
Dibromofluoromethane	97.4		% Rec.	8260B	05/20/09	1
a,a,a-Trifluorotoluene	99.8		% Rec.	8260B	05/20/09	1
4-Bromofluorobenzene	97.7		% Rec.	8260B	05/20/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

May 25, 2009

Date Received : May 19, 2009
Description : Marketplace Retail LSI

ESC Sample # : L403242-04

Sample ID : B4 2.5FT

Site ID :

Collected By : Travis Hauk
Collection Date : 05/17/09 18:10

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	89.6		%	2540G	05/23/09	1
Volatile Organics						
Acetone	BDL	0.056	mg/kg	8260B	05/20/09	1
Acrylonitrile	BDL	0.011	mg/kg	8260B	05/20/09	1
Benzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Bromobenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Bromodichloromethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
Bromoform	BDL	0.0011	mg/kg	8260B	05/20/09	1
Bromomethane	BDL	0.0056	mg/kg	8260B	05/20/09	1
n-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
sec-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
tert-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Carbon tetrachloride	BDL	0.0011	mg/kg	8260B	05/20/09	1
Chlorobenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Chlorodibromomethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
Chloroethane	BDL	0.0056	mg/kg	8260B	05/20/09	1
2-Chloroethyl vinyl ether	BDL	0.056	mg/kg	8260B	05/20/09	1
Chloroform	BDL	0.0056	mg/kg	8260B	05/20/09	1
Chloromethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
2-Chlorotoluene	BDL	0.0011	mg/kg	8260B	05/20/09	1
4-Chlorotoluene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,2-Dibromo-3-Chloropropane	BDL	0.0056	mg/kg	8260B	05/20/09	1
1,2-Dibromoethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
Dibromomethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,2-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,3-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,4-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Dichlorodifluoromethane	BDL	0.0056	mg/kg	8260B	05/20/09	1
1,1-Dichloroethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,2-Dichloroethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,1-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/20/09	1
cis-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/20/09	1
trans-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,1-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/20/09	1
cis-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/20/09	1
trans-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/20/09	1
2,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	05/20/09	1
Di-isopropyl ether	BDL	0.0011	mg/kg	8260B	05/20/09	1
Ethylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Hexachloro-1,3-butadiene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Isopropylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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Est. 1970

REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

May 25, 2009

Date Received : May 19, 2009
Description : Marketplace Retail LSI

Sample ID : B4 2.5FT

Collected By : Travis Hauk
Collection Date : 05/17/09 18:10

ESC Sample # : L403242-04

Site ID :

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0011	mg/kg	8260B	05/20/09	1
2-Butanone (MEK)	BDL	0.011	mg/kg	8260B	05/20/09	1
Methylene Chloride	BDL	0.0056	mg/kg	8260B	05/20/09	1
4-Methyl-2-pentanone (MIBK)	BDL	0.011	mg/kg	8260B	05/20/09	1
Methyl tert-butyl ether	BDL	0.0011	mg/kg	8260B	05/20/09	1
Naphthalene	BDL	0.0056	mg/kg	8260B	05/20/09	1
n-Propylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Styrene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,1,1,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,1,2,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0011	mg/kg	8260B	05/20/09	1
Tetrachloroethene	0.017	0.0011	mg/kg	8260B	05/20/09	1
Toluene	BDL	0.0056	mg/kg	8260B	05/20/09	1
1,2,3-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,2,4-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,1,1-Trichloroethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,1,2-Trichloroethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
Trichloroethene	0.029	0.0011	mg/kg	8260B	05/20/09	1
Trichlorofluoromethane	BDL	0.0056	mg/kg	8260B	05/20/09	1
1,2,3-Trichloropropane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,2,4-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,2,3-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,3,5-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Vinyl chloride	BDL	0.0011	mg/kg	8260B	05/20/09	1
Xylenes, Total	BDL	0.0033	mg/kg	8260B	05/20/09	1
Surrogate Recovery						
Toluene-d8	103.		% Rec.	8260B	05/20/09	1
Dibromofluoromethane	97.8		% Rec.	8260B	05/20/09	1
a,a,a-Trifluorotoluene	98.4		% Rec.	8260B	05/20/09	1
4-Bromofluorobenzene	96.2		% Rec.	8260B	05/20/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

May 25, 2009

Date Received : May 19, 2009
Description : Marketplace Retail LSI

ESC Sample # : L403242-05

Sample ID : B5 3FT

Site ID :

Collected By : Travis Hauk
Collection Date : 05/17/09 23:20

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	87.7		%	2540G	05/23/09	1
Volatile Organics						
Acetone	BDL	0.057	mg/kg	8260B	05/20/09	1
Acrylonitrile	BDL	0.011	mg/kg	8260B	05/20/09	1
Benzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Bromobenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Bromodichloromethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
Bromoform	BDL	0.0011	mg/kg	8260B	05/20/09	1
Bromomethane	BDL	0.0057	mg/kg	8260B	05/20/09	1
n-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
sec-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
tert-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Carbon tetrachloride	BDL	0.0011	mg/kg	8260B	05/20/09	1
Chlorobenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Chlorodibromomethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
Chloroethane	BDL	0.0057	mg/kg	8260B	05/20/09	1
2-Chloroethyl vinyl ether	BDL	0.057	mg/kg	8260B	05/20/09	1
Chloroform	BDL	0.0057	mg/kg	8260B	05/20/09	1
Chloromethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
2-Chlorotoluene	BDL	0.0011	mg/kg	8260B	05/20/09	1
4-Chlorotoluene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,2-Dibromo-3-Chloropropane	BDL	0.0057	mg/kg	8260B	05/20/09	1
1,2-Dibromoethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
Dibromomethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,2-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,3-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,4-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Dichlorodifluoromethane	BDL	0.0057	mg/kg	8260B	05/20/09	1
1,1-Dichloroethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,2-Dichloroethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,1-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/20/09	1
cis-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/20/09	1
trans-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,1-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/20/09	1
cis-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/20/09	1
trans-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/20/09	1
2,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	05/20/09	1
Di-isopropyl ether	BDL	0.0011	mg/kg	8260B	05/20/09	1
Ethylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Hexachloro-1,3-butadiene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Isopropylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

May 25, 2009

Date Received : May 19, 2009
Description : Marketplace Retail LSI
Sample ID : B5 3FT
Collected By : Travis Hauk
Collection Date : 05/17/09 23:20

ESC Sample # : L403242-05

Site ID :

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0011	mg/kg	8260B	05/20/09	1
2-Butanone (MEK)	BDL	0.011	mg/kg	8260B	05/20/09	1
Methylene Chloride	BDL	0.0057	mg/kg	8260B	05/20/09	1
4-Methyl-2-pentanone (MIBK)	BDL	0.011	mg/kg	8260B	05/20/09	1
Methyl tert-butyl ether	BDL	0.0011	mg/kg	8260B	05/20/09	1
Naphthalene	BDL	0.0057	mg/kg	8260B	05/20/09	1
n-Propylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Styrene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,1,1,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,1,2,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0011	mg/kg	8260B	05/20/09	1
Tetrachloroethene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Toluene	BDL	0.0057	mg/kg	8260B	05/20/09	1
1,2,3-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,2,4-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,1,1-Trichloroethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,1,2-Trichloroethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
Trichloroethene	0.024	0.0011	mg/kg	8260B	05/20/09	1
Trichlorofluoromethane	BDL	0.0057	mg/kg	8260B	05/20/09	1
1,2,3-Trichloropropane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,2,4-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,2,3-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,3,5-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Vinyl chloride	BDL	0.0011	mg/kg	8260B	05/20/09	1
Xylenes, Total	BDL	0.0034	mg/kg	8260B	05/20/09	1
Surrogate Recovery						
Toluene-d8	102.		% Rec.	8260B	05/20/09	1
Dibromofluoromethane	95.5		% Rec.	8260B	05/20/09	1
a,a,a-Trifluorotoluene	99.5		% Rec.	8260B	05/20/09	1
4-Bromofluorobenzene	96.9		% Rec.	8260B	05/20/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

May 25, 2009

Date Received : May 19, 2009
Description : Marketplace Retail LSI

ESC Sample # : L403242-06

Sample ID : B6 3FT

Site ID :

Collected By : Travis Hauk
Collection Date : 05/17/09 23:29

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	96.8		%	2540G	05/23/09	1
Volatile Organics						
Acetone	BDL	0.052	mg/kg	8260B	05/20/09	1
Acrylonitrile	BDL	0.010	mg/kg	8260B	05/20/09	1
Benzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
Bromobenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
Bromodichloromethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
Bromoform	BDL	0.0010	mg/kg	8260B	05/20/09	1
Bromomethane	BDL	0.0052	mg/kg	8260B	05/20/09	1
n-Butylbenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
sec-Butylbenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
tert-Butylbenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
Carbon tetrachloride	BDL	0.0010	mg/kg	8260B	05/20/09	1
Chlorobenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
Chlorodibromomethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
Chloroethane	BDL	0.0052	mg/kg	8260B	05/20/09	1
2-Chloroethyl vinyl ether	BDL	0.052	mg/kg	8260B	05/20/09	1
Chloroform	BDL	0.0052	mg/kg	8260B	05/20/09	1
Chloromethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
2-Chlorotoluene	BDL	0.0010	mg/kg	8260B	05/20/09	1
4-Chlorotoluene	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,2-Dibromo-3-Chloropropane	BDL	0.0052	mg/kg	8260B	05/20/09	1
1,2-Dibromoethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
Dibromomethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,2-Dichlorobenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,3-Dichlorobenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,4-Dichlorobenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
Dichlorodifluoromethane	BDL	0.0052	mg/kg	8260B	05/20/09	1
1,1-Dichloroethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,2-Dichloroethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,1-Dichloroethene	BDL	0.0010	mg/kg	8260B	05/20/09	1
cis-1,2-Dichloroethene	BDL	0.0010	mg/kg	8260B	05/20/09	1
trans-1,2-Dichloroethene	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,2-Dichloropropane	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,1-Dichloropropene	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,3-Dichloropropene	BDL	0.0010	mg/kg	8260B	05/20/09	1
cis-1,3-Dichloropropene	BDL	0.0010	mg/kg	8260B	05/20/09	1
trans-1,3-Dichloropropene	BDL	0.0010	mg/kg	8260B	05/20/09	1
2,2-Dichloropropane	BDL	0.0010	mg/kg	8260B	05/20/09	1
Di-isopropyl ether	BDL	0.0010	mg/kg	8260B	05/20/09	1
Ethylbenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
Hexachloro-1,3-butadiene	BDL	0.0010	mg/kg	8260B	05/20/09	1
Isopropylbenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

May 25, 2009

Date Received : May 19, 2009
Description : Marketplace Retail LSI

ESC Sample # : L403242-06

Sample ID : B6 3FT

Site ID :

Collected By : Travis Hauk
Collection Date : 05/17/09 23:29

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0010	mg/kg	8260B	05/20/09	1
2-Butanone (MEK)	BDL	0.010	mg/kg	8260B	05/20/09	1
Methylene Chloride	BDL	0.0052	mg/kg	8260B	05/20/09	1
4-Methyl-2-pentanone (MIBK)	BDL	0.010	mg/kg	8260B	05/20/09	1
Methyl tert-butyl ether	BDL	0.0010	mg/kg	8260B	05/20/09	1
Naphthalene	BDL	0.0052	mg/kg	8260B	05/20/09	1
n-Propylbenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
Styrene	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,1,1,2-Tetrachloroethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,1,2,2-Tetrachloroethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0010	mg/kg	8260B	05/20/09	1
Tetrachloroethene	0.0012	0.0010	mg/kg	8260B	05/20/09	1
Toluene	BDL	0.0052	mg/kg	8260B	05/20/09	1
1,2,3-Trichlorobenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,2,4-Trichlorobenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,1,1-Trichloroethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,1,2-Trichloroethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
Trichloroethene	0.015	0.0010	mg/kg	8260B	05/20/09	1
Trichlorofluoromethane	BDL	0.0052	mg/kg	8260B	05/20/09	1
1,2,3-Trichloropropane	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,2,4-Trimethylbenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,2,3-Trimethylbenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,3,5-Trimethylbenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
Vinyl chloride	BDL	0.0010	mg/kg	8260B	05/20/09	1
Xylenes, Total	BDL	0.0031	mg/kg	8260B	05/20/09	1
Surrogate Recovery						
Toluene-d8	103.		% Rec.	8260B	05/20/09	1
Dibromofluoromethane	95.9		% Rec.	8260B	05/20/09	1
a,a,a-Trifluorotoluene	100.		% Rec.	8260B	05/20/09	1
4-Bromofluorobenzene	100.		% Rec.	8260B	05/20/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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Est. 1970

REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

May 25, 2009

Date Received : May 19, 2009
Description : Marketplace Retail LSI
Sample ID : B7 3FT
Collected By : Travis Hauk
Collection Date : 05/17/09 23:41

ESC Sample # : L403242-07

Site ID :

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	91.2		%	2540G	05/23/09	1
Volatile Organics						
Acetone	BDL	0.055	mg/kg	8260B	05/20/09	1
Acrylonitrile	BDL	0.011	mg/kg	8260B	05/20/09	1
Benzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Bromobenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Bromodichloromethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
Bromoform	BDL	0.0011	mg/kg	8260B	05/20/09	1
Bromomethane	BDL	0.0055	mg/kg	8260B	05/20/09	1
n-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
sec-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
tert-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Carbon tetrachloride	BDL	0.0011	mg/kg	8260B	05/20/09	1
Chlorobenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Chlorodibromomethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
Chloroethane	BDL	0.0055	mg/kg	8260B	05/20/09	1
2-Chloroethyl vinyl ether	BDL	0.055	mg/kg	8260B	05/20/09	1
Chloroform	BDL	0.0055	mg/kg	8260B	05/20/09	1
Chloromethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
2-Chlorotoluene	BDL	0.0011	mg/kg	8260B	05/20/09	1
4-Chlorotoluene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,2-Dibromo-3-Chloropropane	BDL	0.0055	mg/kg	8260B	05/20/09	1
1,2-Dibromoethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
Dibromomethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,2-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,3-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,4-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Dichlorodifluoromethane	BDL	0.0055	mg/kg	8260B	05/20/09	1
1,1-Dichloroethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,2-Dichloroethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,1-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/20/09	1
cis-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/20/09	1
trans-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,1-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/20/09	1
cis-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/20/09	1
trans-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/20/09	1
2,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	05/20/09	1
Di-isopropyl ether	BDL	0.0011	mg/kg	8260B	05/20/09	1
Ethylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Hexachloro-1,3-butadiene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Isopropylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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Est. 1970

REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

May 25, 2009

Date Received : May 19, 2009
Description : Marketplace Retail LSI

Sample ID : B7 3FT

Collected By : Travis Hauk
Collection Date : 05/17/09 23:41

ESC Sample # : L403242-07

Site ID :

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0011	mg/kg	8260B	05/20/09	1
2-Butanone (MEK)	BDL	0.011	mg/kg	8260B	05/20/09	1
Methylene Chloride	BDL	0.0055	mg/kg	8260B	05/20/09	1
4-Methyl-2-pentanone (MIBK)	BDL	0.011	mg/kg	8260B	05/20/09	1
Methyl tert-butyl ether	BDL	0.0011	mg/kg	8260B	05/20/09	1
Naphthalene	BDL	0.0055	mg/kg	8260B	05/20/09	1
n-Propylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Styrene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,1,1,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,1,2,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0011	mg/kg	8260B	05/20/09	1
Tetrachloroethene	0.015	0.0011	mg/kg	8260B	05/20/09	1
Toluene	BDL	0.0055	mg/kg	8260B	05/20/09	1
1,2,3-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,2,4-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,1,1-Trichloroethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,1,2-Trichloroethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
Trichloroethene	0.022	0.0011	mg/kg	8260B	05/20/09	1
Trichlorofluoromethane	BDL	0.0055	mg/kg	8260B	05/20/09	1
1,2,3-Trichloropropane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,2,4-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,2,3-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,3,5-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Vinyl chloride	BDL	0.0011	mg/kg	8260B	05/20/09	1
Xylenes, Total	BDL	0.0033	mg/kg	8260B	05/20/09	1
Surrogate Recovery						
Toluene-d8	104.		% Rec.	8260B	05/20/09	1
Dibromofluoromethane	97.8		% Rec.	8260B	05/20/09	1
a,a,a-Trifluorotoluene	97.6		% Rec.	8260B	05/20/09	1
4-Bromofluorobenzene	88.5		% Rec.	8260B	05/20/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

May 25, 2009

Date Received : May 19, 2009
Description : Marketplace Retail LSI
Sample ID : B8 3FT
Collected By : Travis Hauk
Collection Date : 05/17/09 23:58

ESC Sample # : L403242-08

Site ID :

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	89.3		%	2540G	05/23/09	1
Volatile Organics						
Acetone	BDL	0.056	mg/kg	8260B	05/20/09	1
Acrylonitrile	BDL	0.011	mg/kg	8260B	05/20/09	1
Benzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Bromobenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Bromodichloromethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
Bromoform	BDL	0.0011	mg/kg	8260B	05/20/09	1
Bromomethane	BDL	0.0056	mg/kg	8260B	05/20/09	1
n-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
sec-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
tert-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Carbon tetrachloride	BDL	0.0011	mg/kg	8260B	05/20/09	1
Chlorobenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Chlorodibromomethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
Chloroethane	BDL	0.0056	mg/kg	8260B	05/20/09	1
2-Chloroethyl vinyl ether	BDL	0.056	mg/kg	8260B	05/20/09	1
Chloroform	BDL	0.0056	mg/kg	8260B	05/20/09	1
Chloromethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
2-Chlorotoluene	BDL	0.0011	mg/kg	8260B	05/20/09	1
4-Chlorotoluene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,2-Dibromo-3-Chloropropane	BDL	0.0056	mg/kg	8260B	05/20/09	1
1,2-Dibromoethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
Dibromomethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,2-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,3-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,4-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Dichlorodifluoromethane	BDL	0.0056	mg/kg	8260B	05/20/09	1
1,1-Dichloroethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,2-Dichloroethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,1-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/20/09	1
cis-1,2-Dichloroethene	0.028	0.0011	mg/kg	8260B	05/20/09	1
trans-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,1-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/20/09	1
cis-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/20/09	1
trans-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/20/09	1
2,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	05/20/09	1
Di-isopropyl ether	BDL	0.0011	mg/kg	8260B	05/20/09	1
Ethylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Hexachloro-1,3-butadiene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Isopropylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

May 25, 2009

Date Received : May 19, 2009
Description : Marketplace Retail LSI

ESC Sample # : L403242-08

Sample ID : B8 3FT

Site ID :

Collected By : Travis Hauk
Collection Date : 05/17/09 23:58

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0011	mg/kg	8260B	05/20/09	1
2-Butanone (MEK)	BDL	0.011	mg/kg	8260B	05/20/09	1
Methylene Chloride	BDL	0.0056	mg/kg	8260B	05/20/09	1
4-Methyl-2-pentanone (MIBK)	BDL	0.011	mg/kg	8260B	05/20/09	1
Methyl tert-butyl ether	BDL	0.0011	mg/kg	8260B	05/20/09	1
Naphthalene	BDL	0.0056	mg/kg	8260B	05/20/09	1
n-Propylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Styrene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,1,1,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,1,2,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0011	mg/kg	8260B	05/20/09	1
Tetrachloroethene	0.028	0.0011	mg/kg	8260B	05/20/09	1
Toluene	BDL	0.0056	mg/kg	8260B	05/20/09	1
1,2,3-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,2,4-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,1,1-Trichloroethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,1,2-Trichloroethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
Trichloroethene	0.030	0.0011	mg/kg	8260B	05/20/09	1
Trichlorofluoromethane	BDL	0.0056	mg/kg	8260B	05/20/09	1
1,2,3-Trichloropropane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,2,4-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,2,3-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,3,5-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Vinyl chloride	BDL	0.0011	mg/kg	8260B	05/20/09	1
Xylenes, Total	BDL	0.0034	mg/kg	8260B	05/20/09	1
Surrogate Recovery						
Toluene-d8	102.		% Rec.	8260B	05/20/09	1
Dibromofluoromethane	95.9		% Rec.	8260B	05/20/09	1
a,a,a-Trifluorotoluene	98.6		% Rec.	8260B	05/20/09	1
4-Bromofluorobenzene	85.8		% Rec.	8260B	05/20/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

May 25, 2009

Date Received : May 19, 2009
Description : Marketplace Retail LSI

Sample ID : B9 2.5FT

Collected By : Travis Hauk
Collection Date : 05/17/09 21:45

ESC Sample # : L403242-09

Site ID :

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	90.5		%	2540G	05/23/09	1
Volatile Organics						
Acetone	BDL	0.055	mg/kg	8260B	05/20/09	1
Acrylonitrile	BDL	0.011	mg/kg	8260B	05/20/09	1
Benzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Bromobenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Bromodichloromethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
Bromoform	BDL	0.0011	mg/kg	8260B	05/20/09	1
Bromomethane	BDL	0.0055	mg/kg	8260B	05/20/09	1
n-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
sec-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
tert-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Carbon tetrachloride	BDL	0.0011	mg/kg	8260B	05/20/09	1
Chlorobenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Chlorodibromomethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
Chloroethane	BDL	0.0055	mg/kg	8260B	05/20/09	1
2-Chloroethyl vinyl ether	BDL	0.055	mg/kg	8260B	05/20/09	1
Chloroform	BDL	0.0055	mg/kg	8260B	05/20/09	1
Chloromethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
2-Chlorotoluene	BDL	0.0011	mg/kg	8260B	05/20/09	1
4-Chlorotoluene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,2-Dibromo-3-Chloropropane	BDL	0.0055	mg/kg	8260B	05/20/09	1
1,2-Dibromoethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
Dibromomethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,2-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,3-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,4-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Dichlorodifluoromethane	BDL	0.0055	mg/kg	8260B	05/20/09	1
1,1-Dichloroethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,2-Dichloroethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,1-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/20/09	1
cis-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/20/09	1
trans-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,1-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/20/09	1
cis-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/20/09	1
trans-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/20/09	1
2,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	05/20/09	1
Di-isopropyl ether	BDL	0.0011	mg/kg	8260B	05/20/09	1
Ethylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Hexachloro-1,3-butadiene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Isopropylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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Est. 1970

REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

May 25, 2009

Date Received : May 19, 2009
Description : Marketplace Retail LSI
Sample ID : B9 2.5FT
Collected By : Travis Hauk
Collection Date : 05/17/09 21:45

ESC Sample # : L403242-09

Site ID :

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0011	mg/kg	8260B	05/20/09	1
2-Butanone (MEK)	BDL	0.011	mg/kg	8260B	05/20/09	1
Methylene Chloride	BDL	0.0055	mg/kg	8260B	05/20/09	1
4-Methyl-2-pentanone (MIBK)	BDL	0.011	mg/kg	8260B	05/20/09	1
Methyl tert-butyl ether	BDL	0.0011	mg/kg	8260B	05/20/09	1
Naphthalene	BDL	0.0055	mg/kg	8260B	05/20/09	1
n-Propylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Styrene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,1,1,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,1,2,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0011	mg/kg	8260B	05/20/09	1
Tetrachloroethene	0.11	0.0011	mg/kg	8260B	05/20/09	1
Toluene	BDL	0.0055	mg/kg	8260B	05/20/09	1
1,2,3-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,2,4-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,1,1-Trichloroethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,1,2-Trichloroethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
Trichloroethene	0.0092	0.0011	mg/kg	8260B	05/20/09	1
Trichlorofluoromethane	BDL	0.0055	mg/kg	8260B	05/20/09	1
1,2,3-Trichloropropane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,2,4-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,2,3-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,3,5-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Vinyl chloride	BDL	0.0011	mg/kg	8260B	05/20/09	1
Xylenes, Total	BDL	0.0033	mg/kg	8260B	05/20/09	1
Surrogate Recovery						
Toluene-d8	101.		% Rec.	8260B	05/20/09	1
Dibromofluoromethane	106.		% Rec.	8260B	05/20/09	1
a,a,a-Trifluorotoluene	95.0		% Rec.	8260B	05/20/09	1
4-Bromofluorobenzene	88.7		% Rec.	8260B	05/20/09	1

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BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

May 25, 2009

Date Received : May 19, 2009
Description : Marketplace Retail LSI

ESC Sample # : L403242-10

Sample ID : B9 5FT

Site ID :

Collected By : Travis Hauk
Collection Date : 05/17/09 21:57

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	89.1		%	2540G	05/23/09	1
Volatile Organics						
Acetone	BDL	0.056	mg/kg	8260B	05/22/09	1
Acrylonitrile	BDL	0.011	mg/kg	8260B	05/22/09	1
Benzene	BDL	0.0011	mg/kg	8260B	05/22/09	1
Bromobenzene	BDL	0.0011	mg/kg	8260B	05/22/09	1
Bromodichloromethane	BDL	0.0011	mg/kg	8260B	05/22/09	1
Bromoform	BDL	0.0011	mg/kg	8260B	05/22/09	1
Bromomethane	BDL	0.0056	mg/kg	8260B	05/22/09	1
n-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/22/09	1
sec-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/22/09	1
tert-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/22/09	1
Carbon tetrachloride	BDL	0.0011	mg/kg	8260B	05/22/09	1
Chlorobenzene	BDL	0.0011	mg/kg	8260B	05/22/09	1
Chlorodibromomethane	BDL	0.0011	mg/kg	8260B	05/22/09	1
Chloroethane	BDL	0.0056	mg/kg	8260B	05/22/09	1
2-Chloroethyl vinyl ether	BDL	0.056	mg/kg	8260B	05/22/09	1
Chloroform	BDL	0.0056	mg/kg	8260B	05/22/09	1
Chloromethane	BDL	0.0011	mg/kg	8260B	05/22/09	1
2-Chlorotoluene	BDL	0.0011	mg/kg	8260B	05/22/09	1
4-Chlorotoluene	BDL	0.0011	mg/kg	8260B	05/22/09	1
1,2-Dibromo-3-Chloropropane	BDL	0.0056	mg/kg	8260B	05/22/09	1
1,2-Dibromoethane	BDL	0.0011	mg/kg	8260B	05/22/09	1
Dibromomethane	BDL	0.0011	mg/kg	8260B	05/22/09	1
1,2-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/22/09	1
1,3-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/22/09	1
1,4-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/22/09	1
Dichlorodifluoromethane	BDL	0.0056	mg/kg	8260B	05/22/09	1
1,1-Dichloroethane	BDL	0.0011	mg/kg	8260B	05/22/09	1
1,2-Dichloroethane	BDL	0.0011	mg/kg	8260B	05/22/09	1
1,1-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/22/09	1
cis-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/22/09	1
trans-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/22/09	1
1,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	05/22/09	1
1,1-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/22/09	1
1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/22/09	1
cis-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/22/09	1
trans-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/22/09	1
2,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	05/22/09	1
Di-isopropyl ether	BDL	0.0011	mg/kg	8260B	05/22/09	1
Ethylbenzene	BDL	0.0011	mg/kg	8260B	05/22/09	1
Hexachloro-1,3-butadiene	BDL	0.0011	mg/kg	8260B	05/22/09	1
Isopropylbenzene	BDL	0.0011	mg/kg	8260B	05/22/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

May 25, 2009

Date Received : May 19, 2009
Description : Marketplace Retail LSI
Sample ID : B9 5FT
Collected By : Travis Hauk
Collection Date : 05/17/09 21:57

ESC Sample # : L403242-10

Site ID :

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0011	mg/kg	8260B	05/22/09	1
2-Butanone (MEK)	BDL	0.011	mg/kg	8260B	05/22/09	1
Methylene Chloride	BDL	0.0056	mg/kg	8260B	05/22/09	1
4-Methyl-2-pentanone (MIBK)	BDL	0.011	mg/kg	8260B	05/22/09	1
Methyl tert-butyl ether	BDL	0.0011	mg/kg	8260B	05/22/09	1
Naphthalene	BDL	0.0056	mg/kg	8260B	05/22/09	1
n-Propylbenzene	BDL	0.0011	mg/kg	8260B	05/22/09	1
Styrene	BDL	0.0011	mg/kg	8260B	05/22/09	1
1,1,1,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	05/22/09	1
1,1,2,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	05/22/09	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0011	mg/kg	8260B	05/22/09	1
Tetrachloroethene	0.0041	0.0011	mg/kg	8260B	05/22/09	1
Toluene	BDL	0.0056	mg/kg	8260B	05/22/09	1
1,2,3-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	05/22/09	1
1,2,4-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	05/22/09	1
1,1,1-Trichloroethane	BDL	0.0011	mg/kg	8260B	05/22/09	1
1,1,2-Trichloroethane	BDL	0.0011	mg/kg	8260B	05/22/09	1
Trichloroethene	0.027	0.0011	mg/kg	8260B	05/22/09	1
Trichlorofluoromethane	BDL	0.0056	mg/kg	8260B	05/22/09	1
1,2,3-Trichloropropane	BDL	0.0011	mg/kg	8260B	05/22/09	1
1,2,4-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/22/09	1
1,2,3-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/22/09	1
1,3,5-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/22/09	1
Vinyl chloride	BDL	0.0011	mg/kg	8260B	05/22/09	1
Xylenes, Total	BDL	0.0034	mg/kg	8260B	05/22/09	1
Surrogate Recovery						
Toluene-d8	98.6		% Rec.	8260B	05/22/09	1
Dibromofluoromethane	103.		% Rec.	8260B	05/22/09	1
a,a,a-Trifluorotoluene	99.4		% Rec.	8260B	05/22/09	1
4-Bromofluorobenzene	100.		% Rec.	8260B	05/22/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

May 25, 2009

Date Received : May 19, 2009
Description : Marketplace Retail LSI
Sample ID : B10 3FT
Collected By : Travis Hauk
Collection Date : 05/17/09 21:21

ESC Sample # : L403242-11

Site ID :

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	92.5		%	2540G	05/23/09	1
Volatile Organics						
Acetone	BDL	0.054	mg/kg	8260B	05/22/09	1
Acrylonitrile	BDL	0.011	mg/kg	8260B	05/22/09	1
Benzene	BDL	0.0011	mg/kg	8260B	05/22/09	1
Bromobenzene	BDL	0.0011	mg/kg	8260B	05/22/09	1
Bromodichloromethane	BDL	0.0011	mg/kg	8260B	05/22/09	1
Bromoform	BDL	0.0011	mg/kg	8260B	05/22/09	1
Bromomethane	BDL	0.0054	mg/kg	8260B	05/22/09	1
n-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/22/09	1
sec-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/22/09	1
tert-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/22/09	1
Carbon tetrachloride	BDL	0.0011	mg/kg	8260B	05/22/09	1
Chlorobenzene	BDL	0.0011	mg/kg	8260B	05/22/09	1
Chlorodibromomethane	BDL	0.0011	mg/kg	8260B	05/22/09	1
Chloroethane	BDL	0.0054	mg/kg	8260B	05/22/09	1
2-Chloroethyl vinyl ether	BDL	0.054	mg/kg	8260B	05/22/09	1
Chloroform	BDL	0.0054	mg/kg	8260B	05/22/09	1
Chloromethane	BDL	0.0011	mg/kg	8260B	05/22/09	1
2-Chlorotoluene	BDL	0.0011	mg/kg	8260B	05/22/09	1
4-Chlorotoluene	BDL	0.0011	mg/kg	8260B	05/22/09	1
1,2-Dibromo-3-Chloropropane	BDL	0.0054	mg/kg	8260B	05/22/09	1
1,2-Dibromoethane	BDL	0.0011	mg/kg	8260B	05/22/09	1
Dibromomethane	BDL	0.0011	mg/kg	8260B	05/22/09	1
1,2-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/22/09	1
1,3-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/22/09	1
1,4-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/22/09	1
Dichlorodifluoromethane	BDL	0.0054	mg/kg	8260B	05/22/09	1
1,1-Dichloroethane	BDL	0.0011	mg/kg	8260B	05/22/09	1
1,2-Dichloroethane	BDL	0.0011	mg/kg	8260B	05/22/09	1
1,1-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/22/09	1
cis-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/22/09	1
trans-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/22/09	1
1,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	05/22/09	1
1,1-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/22/09	1
1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/22/09	1
cis-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/22/09	1
trans-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/22/09	1
2,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	05/22/09	1
Di-isopropyl ether	BDL	0.0011	mg/kg	8260B	05/22/09	1
Ethylbenzene	BDL	0.0011	mg/kg	8260B	05/22/09	1
Hexachloro-1,3-butadiene	BDL	0.0011	mg/kg	8260B	05/22/09	1
Isopropylbenzene	BDL	0.0011	mg/kg	8260B	05/22/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

May 25, 2009

Date Received : May 19, 2009
Description : Marketplace Retail LSI

Sample ID : B10 3FT

Collected By : Travis Hauk
Collection Date : 05/17/09 21:21

ESC Sample # : L403242-11

Site ID :

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0011	mg/kg	8260B	05/22/09	1
2-Butanone (MEK)	BDL	0.011	mg/kg	8260B	05/22/09	1
Methylene Chloride	BDL	0.0054	mg/kg	8260B	05/22/09	1
4-Methyl-2-pentanone (MIBK)	BDL	0.011	mg/kg	8260B	05/22/09	1
Methyl tert-butyl ether	BDL	0.0011	mg/kg	8260B	05/22/09	1
Naphthalene	BDL	0.0054	mg/kg	8260B	05/22/09	1
n-Propylbenzene	BDL	0.0011	mg/kg	8260B	05/22/09	1
Styrene	BDL	0.0011	mg/kg	8260B	05/22/09	1
1,1,1,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	05/22/09	1
1,1,2,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	05/22/09	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0011	mg/kg	8260B	05/22/09	1
Tetrachloroethene	0.0052	0.0011	mg/kg	8260B	05/22/09	1
Toluene	BDL	0.0054	mg/kg	8260B	05/22/09	1
1,2,3-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	05/22/09	1
1,2,4-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	05/22/09	1
1,1,1-Trichloroethane	BDL	0.0011	mg/kg	8260B	05/22/09	1
1,1,2-Trichloroethane	BDL	0.0011	mg/kg	8260B	05/22/09	1
Trichloroethene	0.014	0.0011	mg/kg	8260B	05/22/09	1
Trichlorofluoromethane	BDL	0.0054	mg/kg	8260B	05/22/09	1
1,2,3-Trichloropropane	BDL	0.0011	mg/kg	8260B	05/22/09	1
1,2,4-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/22/09	1
1,2,3-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/22/09	1
1,3,5-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/22/09	1
Vinyl chloride	BDL	0.0011	mg/kg	8260B	05/22/09	1
Xylenes, Total	BDL	0.0032	mg/kg	8260B	05/22/09	1
Surrogate Recovery						
Toluene-d8	98.6		% Rec.	8260B	05/22/09	1
Dibromofluoromethane	101.		% Rec.	8260B	05/22/09	1
a,a,a-Trifluorotoluene	98.5		% Rec.	8260B	05/22/09	1
4-Bromofluorobenzene	93.2		% Rec.	8260B	05/22/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

May 25, 2009

Date Received : May 19, 2009
Description : Marketplace Retail LSI

ESC Sample # : L403242-12

Sample ID : B10 5.5FT

Site ID :

Collected By : Travis Hauk
Collection Date : 05/17/09 21:24

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	88.0		%	2540G	05/23/09	1
Volatile Organics						
Acetone	0.10	0.057	mg/kg	8260B	05/20/09	1
Acrylonitrile	BDL	0.011	mg/kg	8260B	05/20/09	1
Benzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Bromobenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Bromodichloromethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
Bromoform	BDL	0.0011	mg/kg	8260B	05/20/09	1
Bromomethane	BDL	0.0057	mg/kg	8260B	05/20/09	1
n-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
sec-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
tert-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Carbon tetrachloride	BDL	0.0011	mg/kg	8260B	05/20/09	1
Chlorobenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Chlorodibromomethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
Chloroethane	BDL	0.0057	mg/kg	8260B	05/20/09	1
2-Chloroethyl vinyl ether	BDL	0.057	mg/kg	8260B	05/20/09	1
Chloroform	BDL	0.0057	mg/kg	8260B	05/20/09	1
Chloromethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
2-Chlorotoluene	BDL	0.0011	mg/kg	8260B	05/20/09	1
4-Chlorotoluene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,2-Dibromo-3-Chloropropane	BDL	0.0057	mg/kg	8260B	05/20/09	1
1,2-Dibromoethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
Dibromomethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,2-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,3-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,4-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Dichlorodifluoromethane	BDL	0.0057	mg/kg	8260B	05/20/09	1
1,1-Dichloroethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,2-Dichloroethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,1-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/20/09	1
cis-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/20/09	1
trans-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,1-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/20/09	1
cis-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/20/09	1
trans-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/20/09	1
2,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	05/20/09	1
Di-isopropyl ether	BDL	0.0011	mg/kg	8260B	05/20/09	1
Ethylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Hexachloro-1,3-butadiene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Isopropylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

May 25, 2009

Date Received : May 19, 2009
Description : Marketplace Retail LSI
Sample ID : B10 5.5FT
Collected By : Travis Hauk
Collection Date : 05/17/09 21:24

ESC Sample # : L403242-12

Site ID :

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0011	mg/kg	8260B	05/20/09	1
2-Butanone (MEK)	BDL	0.011	mg/kg	8260B	05/20/09	1
Methylene Chloride	BDL	0.0057	mg/kg	8260B	05/20/09	1
4-Methyl-2-pentanone (MIBK)	BDL	0.011	mg/kg	8260B	05/20/09	1
Methyl tert-butyl ether	BDL	0.0011	mg/kg	8260B	05/20/09	1
Naphthalene	BDL	0.0057	mg/kg	8260B	05/20/09	1
n-Propylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Styrene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,1,1,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,1,2,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0011	mg/kg	8260B	05/20/09	1
Tetrachloroethene	0.16	0.0011	mg/kg	8260B	05/20/09	1
Toluene	BDL	0.0057	mg/kg	8260B	05/20/09	1
1,2,3-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,2,4-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,1,1-Trichloroethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,1,2-Trichloroethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
Trichloroethene	0.010	0.0011	mg/kg	8260B	05/20/09	1
Trichlorofluoromethane	BDL	0.0057	mg/kg	8260B	05/20/09	1
1,2,3-Trichloropropane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,2,4-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,2,3-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,3,5-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Vinyl chloride	BDL	0.0011	mg/kg	8260B	05/20/09	1
Xylenes, Total	BDL	0.0034	mg/kg	8260B	05/20/09	1
Surrogate Recovery						
Toluene-d8	99.9		% Rec.	8260B	05/20/09	1
Dibromofluoromethane	102.		% Rec.	8260B	05/20/09	1
a,a,a-Trifluorotoluene	94.4		% Rec.	8260B	05/20/09	1
4-Bromofluorobenzene	71.3		% Rec.	8260B	05/20/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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Est. 1970

REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

May 25, 2009

Date Received : May 19, 2009
Description : Marketplace Retail LSI

ESC Sample # : L403242-13

Sample ID : B11 3FT

Site ID :

Collected By : Travis Hauk
Collection Date : 05/17/09 21:30

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	95.1		%	2540G	05/23/09	1
Volatile Organics						
Acetone	BDL	0.052	mg/kg	8260B	05/20/09	1
Acrylonitrile	BDL	0.010	mg/kg	8260B	05/20/09	1
Benzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
Bromobenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
Bromodichloromethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
Bromoform	BDL	0.0010	mg/kg	8260B	05/20/09	1
Bromomethane	BDL	0.0052	mg/kg	8260B	05/20/09	1
n-Butylbenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
sec-Butylbenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
tert-Butylbenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
Carbon tetrachloride	BDL	0.0010	mg/kg	8260B	05/20/09	1
Chlorobenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
Chlorodibromomethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
Chloroethane	BDL	0.0052	mg/kg	8260B	05/20/09	1
2-Chloroethyl vinyl ether	BDL	0.052	mg/kg	8260B	05/20/09	1
Chloroform	BDL	0.0052	mg/kg	8260B	05/20/09	1
Chloromethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
2-Chlorotoluene	BDL	0.0010	mg/kg	8260B	05/20/09	1
4-Chlorotoluene	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,2-Dibromo-3-Chloropropane	BDL	0.0052	mg/kg	8260B	05/20/09	1
1,2-Dibromoethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
Dibromomethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,2-Dichlorobenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,3-Dichlorobenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,4-Dichlorobenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
Dichlorodifluoromethane	BDL	0.0052	mg/kg	8260B	05/20/09	1
1,1-Dichloroethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,2-Dichloroethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,1-Dichloroethene	BDL	0.0010	mg/kg	8260B	05/20/09	1
cis-1,2-Dichloroethene	BDL	0.0010	mg/kg	8260B	05/20/09	1
trans-1,2-Dichloroethene	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,2-Dichloropropane	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,1-Dichloropropene	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,3-Dichloropropene	BDL	0.0010	mg/kg	8260B	05/20/09	1
cis-1,3-Dichloropropene	BDL	0.0010	mg/kg	8260B	05/20/09	1
trans-1,3-Dichloropropene	BDL	0.0010	mg/kg	8260B	05/20/09	1
2,2-Dichloropropane	BDL	0.0010	mg/kg	8260B	05/20/09	1
Di-isopropyl ether	BDL	0.0010	mg/kg	8260B	05/20/09	1
Ethylbenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
Hexachloro-1,3-butadiene	BDL	0.0010	mg/kg	8260B	05/20/09	1
Isopropylbenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

May 25, 2009

Date Received : May 19, 2009
Description : Marketplace Retail LSI

ESC Sample # : L403242-13

Sample ID : B11 3FT

Site ID :

Collected By : Travis Hauk
Collection Date : 05/17/09 21:30

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0010	mg/kg	8260B	05/20/09	1
2-Butanone (MEK)	BDL	0.010	mg/kg	8260B	05/20/09	1
Methylene Chloride	BDL	0.0052	mg/kg	8260B	05/20/09	1
4-Methyl-2-pentanone (MIBK)	BDL	0.010	mg/kg	8260B	05/20/09	1
Methyl tert-butyl ether	BDL	0.0010	mg/kg	8260B	05/20/09	1
Naphthalene	BDL	0.0052	mg/kg	8260B	05/20/09	1
n-Propylbenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
Styrene	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,1,1,2-Tetrachloroethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,1,2,2-Tetrachloroethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0010	mg/kg	8260B	05/20/09	1
Tetrachloroethene	BDL	0.0010	mg/kg	8260B	05/20/09	1
Toluene	BDL	0.0052	mg/kg	8260B	05/20/09	1
1,2,3-Trichlorobenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,2,4-Trichlorobenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,1,1-Trichloroethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,1,2-Trichloroethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
Trichloroethene	BDL	0.0010	mg/kg	8260B	05/20/09	1
Trichlorofluoromethane	BDL	0.0052	mg/kg	8260B	05/20/09	1
1,2,3-Trichloropropane	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,2,4-Trimethylbenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,2,3-Trimethylbenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,3,5-Trimethylbenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
Vinyl chloride	BDL	0.0010	mg/kg	8260B	05/20/09	1
Xylenes, Total	BDL	0.0032	mg/kg	8260B	05/20/09	1
Surrogate Recovery						
Toluene-d8	105.		% Rec.	8260B	05/20/09	1
Dibromofluoromethane	105.		% Rec.	8260B	05/20/09	1
a,a,a-Trifluorotoluene	103.		% Rec.	8260B	05/20/09	1
4-Bromofluorobenzene	94.3		% Rec.	8260B	05/20/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

May 25, 2009

Date Received : May 19, 2009
Description : Marketplace Retail LSI

Sample ID : B12 3FT

Collected By : Travis Hauk
Collection Date : 05/17/09 21:10

ESC Sample # : L403242-14

Site ID :

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	92.3		%	2540G	05/23/09	1
Volatile Organics						
Acetone	BDL	0.054	mg/kg	8260B	05/20/09	1
Acrylonitrile	BDL	0.011	mg/kg	8260B	05/20/09	1
Benzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Bromobenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Bromodichloromethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
Bromoform	BDL	0.0011	mg/kg	8260B	05/20/09	1
Bromomethane	BDL	0.0054	mg/kg	8260B	05/20/09	1
n-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
sec-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
tert-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Carbon tetrachloride	BDL	0.0011	mg/kg	8260B	05/20/09	1
Chlorobenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Chlorodibromomethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
Chloroethane	BDL	0.0054	mg/kg	8260B	05/20/09	1
2-Chloroethyl vinyl ether	BDL	0.054	mg/kg	8260B	05/20/09	1
Chloroform	BDL	0.0054	mg/kg	8260B	05/20/09	1
Chloromethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
2-Chlorotoluene	BDL	0.0011	mg/kg	8260B	05/20/09	1
4-Chlorotoluene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,2-Dibromo-3-Chloropropane	BDL	0.0054	mg/kg	8260B	05/20/09	1
1,2-Dibromoethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
Dibromomethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,2-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,3-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,4-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Dichlorodifluoromethane	BDL	0.0054	mg/kg	8260B	05/20/09	1
1,1-Dichloroethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,2-Dichloroethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,1-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/20/09	1
cis-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/20/09	1
trans-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,1-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/20/09	1
cis-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/20/09	1
trans-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/20/09	1
2,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	05/20/09	1
Di-isopropyl ether	BDL	0.0011	mg/kg	8260B	05/20/09	1
Ethylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Hexachloro-1,3-butadiene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Isopropylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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Est. 1970

REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

May 25, 2009

Date Received : May 19, 2009
Description : Marketplace Retail LSI

Sample ID : B12 3FT

Collected By : Travis Hauk
Collection Date : 05/17/09 21:10

ESC Sample # : L403242-14

Site ID :

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0011	mg/kg	8260B	05/20/09	1
2-Butanone (MEK)	BDL	0.011	mg/kg	8260B	05/20/09	1
Methylene Chloride	BDL	0.0054	mg/kg	8260B	05/20/09	1
4-Methyl-2-pentanone (MIBK)	BDL	0.011	mg/kg	8260B	05/20/09	1
Methyl tert-butyl ether	BDL	0.0011	mg/kg	8260B	05/20/09	1
Naphthalene	BDL	0.0054	mg/kg	8260B	05/20/09	1
n-Propylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Styrene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,1,1,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,1,2,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0011	mg/kg	8260B	05/20/09	1
Tetrachloroethene	0.0038	0.0011	mg/kg	8260B	05/20/09	1
Toluene	BDL	0.0054	mg/kg	8260B	05/20/09	1
1,2,3-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,2,4-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,1,1-Trichloroethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,1,2-Trichloroethane	BDL	0.0011	mg/kg	8260B	05/20/09	1
Trichloroethene	0.038	0.0011	mg/kg	8260B	05/20/09	1
Trichlorofluoromethane	BDL	0.0054	mg/kg	8260B	05/20/09	1
1,2,3-Trichloropropane	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,2,4-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,2,3-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
1,3,5-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/20/09	1
Vinyl chloride	BDL	0.0011	mg/kg	8260B	05/20/09	1
Xylenes, Total	BDL	0.0032	mg/kg	8260B	05/20/09	1
Surrogate Recovery						
Toluene-d8	96.0		% Rec.	8260B	05/20/09	1
Dibromofluoromethane	102.		% Rec.	8260B	05/20/09	1
a,a,a-Trifluorotoluene	98.7		% Rec.	8260B	05/20/09	1
4-Bromofluorobenzene	104.		% Rec.	8260B	05/20/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

May 25, 2009

Date Received : May 19, 2009
Description : Marketplace Retail LSI

ESC Sample # : L403242-15

Sample ID : B13 3.5FT

Site ID :

Collected By : Travis Hauk
Collection Date : 05/17/09 20:55

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	97.5		%	2540G	05/23/09	1
Volatile Organics						
Acetone	BDL	0.051	mg/kg	8260B	05/20/09	1
Acrylonitrile	BDL	0.010	mg/kg	8260B	05/20/09	1
Benzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
Bromobenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
Bromodichloromethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
Bromoform	BDL	0.0010	mg/kg	8260B	05/20/09	1
Bromomethane	BDL	0.0051	mg/kg	8260B	05/20/09	1
n-Butylbenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
sec-Butylbenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
tert-Butylbenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
Carbon tetrachloride	BDL	0.0010	mg/kg	8260B	05/20/09	1
Chlorobenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
Chlorodibromomethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
Chloroethane	BDL	0.0051	mg/kg	8260B	05/20/09	1
2-Chloroethyl vinyl ether	BDL	0.051	mg/kg	8260B	05/20/09	1
Chloroform	BDL	0.0051	mg/kg	8260B	05/20/09	1
Chloromethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
2-Chlorotoluene	BDL	0.0010	mg/kg	8260B	05/20/09	1
4-Chlorotoluene	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,2-Dibromo-3-Chloropropane	BDL	0.0051	mg/kg	8260B	05/20/09	1
1,2-Dibromoethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
Dibromomethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,2-Dichlorobenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,3-Dichlorobenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,4-Dichlorobenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
Dichlorodifluoromethane	BDL	0.0051	mg/kg	8260B	05/20/09	1
1,1-Dichloroethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,2-Dichloroethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,1-Dichloroethene	BDL	0.0010	mg/kg	8260B	05/20/09	1
cis-1,2-Dichloroethene	BDL	0.0010	mg/kg	8260B	05/20/09	1
trans-1,2-Dichloroethene	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,2-Dichloropropane	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,1-Dichloropropene	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,3-Dichloropropene	BDL	0.0010	mg/kg	8260B	05/20/09	1
cis-1,3-Dichloropropene	BDL	0.0010	mg/kg	8260B	05/20/09	1
trans-1,3-Dichloropropene	BDL	0.0010	mg/kg	8260B	05/20/09	1
2,2-Dichloropropane	BDL	0.0010	mg/kg	8260B	05/20/09	1
Di-isopropyl ether	BDL	0.0010	mg/kg	8260B	05/20/09	1
Ethylbenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
Hexachloro-1,3-butadiene	BDL	0.0010	mg/kg	8260B	05/20/09	1
Isopropylbenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

May 25, 2009

Date Received : May 19, 2009
Description : Marketplace Retail LSI
Sample ID : B13 3.5FT
Collected By : Travis Hauk
Collection Date : 05/17/09 20:55

ESC Sample # : L403242-15

Site ID :

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0010	mg/kg	8260B	05/20/09	1
2-Butanone (MEK)	BDL	0.010	mg/kg	8260B	05/20/09	1
Methylene Chloride	BDL	0.0051	mg/kg	8260B	05/20/09	1
4-Methyl-2-pentanone (MIBK)	BDL	0.010	mg/kg	8260B	05/20/09	1
Methyl tert-butyl ether	BDL	0.0010	mg/kg	8260B	05/20/09	1
Naphthalene	BDL	0.0051	mg/kg	8260B	05/20/09	1
n-Propylbenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
Styrene	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,1,1,2-Tetrachloroethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,1,2,2-Tetrachloroethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0010	mg/kg	8260B	05/20/09	1
Tetrachloroethene	0.016	0.0010	mg/kg	8260B	05/20/09	1
Toluene	BDL	0.0051	mg/kg	8260B	05/20/09	1
1,2,3-Trichlorobenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,2,4-Trichlorobenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,1,1-Trichloroethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,1,2-Trichloroethane	BDL	0.0010	mg/kg	8260B	05/20/09	1
Trichloroethene	0.033	0.0010	mg/kg	8260B	05/20/09	1
Trichlorofluoromethane	BDL	0.0051	mg/kg	8260B	05/20/09	1
1,2,3-Trichloropropane	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,2,4-Trimethylbenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,2,3-Trimethylbenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
1,3,5-Trimethylbenzene	BDL	0.0010	mg/kg	8260B	05/20/09	1
Vinyl chloride	BDL	0.0010	mg/kg	8260B	05/20/09	1
Xylenes, Total	BDL	0.0031	mg/kg	8260B	05/20/09	1
Surrogate Recovery						
Toluene-d8	99.4		% Rec.	8260B	05/20/09	1
Dibromofluoromethane	104.		% Rec.	8260B	05/20/09	1
a,a,a-Trifluorotoluene	98.8		% Rec.	8260B	05/20/09	1
4-Bromofluorobenzene	96.5		% Rec.	8260B	05/20/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
L403242-12	WG422492	SAMP	Tetrachloroethene	R748467	J6

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

Definitions

- Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.
- Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Difference.
- Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromatography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.
- TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

Summary of Remarks For Samples Printed
05/25/09 at 17:42:14

TSR Signing Reports: 358
R5 - Desired TAT

Sample: L403242-01 Account: TERRLWA Received: 05/19/09 09:00 Due Date: 05/27/09 00:00 RPT Date: 05/25/09 17:41
Sample: L403242-02 Account: TERRLWA Received: 05/19/09 09:00 Due Date: 05/27/09 00:00 RPT Date: 05/25/09 17:41
Sample: L403242-03 Account: TERRLWA Received: 05/19/09 09:00 Due Date: 05/27/09 00:00 RPT Date: 05/25/09 17:41
Sample: L403242-04 Account: TERRLWA Received: 05/19/09 09:00 Due Date: 05/27/09 00:00 RPT Date: 05/25/09 17:41
Sample: L403242-05 Account: TERRLWA Received: 05/19/09 09:00 Due Date: 05/27/09 00:00 RPT Date: 05/25/09 17:41
Sample: L403242-06 Account: TERRLWA Received: 05/19/09 09:00 Due Date: 05/27/09 00:00 RPT Date: 05/25/09 17:41
Sample: L403242-07 Account: TERRLWA Received: 05/19/09 09:00 Due Date: 05/27/09 00:00 RPT Date: 05/25/09 17:41
Sample: L403242-08 Account: TERRLWA Received: 05/19/09 09:00 Due Date: 05/27/09 00:00 RPT Date: 05/25/09 17:41
Sample: L403242-09 Account: TERRLWA Received: 05/19/09 09:00 Due Date: 05/27/09 00:00 RPT Date: 05/25/09 17:41
Sample: L403242-10 Account: TERRLWA Received: 05/19/09 09:00 Due Date: 05/27/09 00:00 RPT Date: 05/25/09 17:41
Sample: L403242-11 Account: TERRLWA Received: 05/19/09 09:00 Due Date: 05/27/09 00:00 RPT Date: 05/25/09 17:41
Sample: L403242-12 Account: TERRLWA Received: 05/19/09 09:00 Due Date: 05/27/09 00:00 RPT Date: 05/25/09 17:41
Sample: L403242-13 Account: TERRLWA Received: 05/19/09 09:00 Due Date: 05/27/09 00:00 RPT Date: 05/25/09 17:41
Sample: L403242-14 Account: TERRLWA Received: 05/19/09 09:00 Due Date: 05/27/09 00:00 RPT Date: 05/25/09 17:41
Sample: L403242-15 Account: TERRLWA Received: 05/19/09 09:00 Due Date: 05/27/09 00:00 RPT Date: 05/25/09 17:41



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Terracon- Lynnwood, WA
Mr. Jon Einarsen
21905 64th Ave W Ste 100

Quality Assurance Report Level II

Mountlake Terrace, WA 98043

L403242

May 25, 2009

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
1,1,1,2-Tetrachloroethane	< .001	mg/kg			WG422492	05/20/09 18:32
1,1,1-Trichloroethane	< .001	mg/kg			WG422492	05/20/09 18:32
1,1,2,2-Tetrachloroethane	< .001	mg/kg			WG422492	05/20/09 18:32
1,1,2-Trichloroethane	< .001	mg/kg			WG422492	05/20/09 18:32
1,1,2-Trichloro-1,2,2-trifluoroethane	< .001	mg/kg			WG422492	05/20/09 18:32
1,1-Dichloroethane	< .001	mg/kg			WG422492	05/20/09 18:32
1,1-Dichloroethene	< .001	mg/kg			WG422492	05/20/09 18:32
1,1-Dichloropropene	< .001	mg/kg			WG422492	05/20/09 18:32
1,2,3-Trichlorobenzene	< .001	mg/kg			WG422492	05/20/09 18:32
1,2,3-Trichloropropane	< .001	mg/kg			WG422492	05/20/09 18:32
1,2,3-Trimethylbenzene	< .001	mg/kg			WG422492	05/20/09 18:32
1,2,4-Trichlorobenzene	< .001	mg/kg			WG422492	05/20/09 18:32
1,2,4-Trimethylbenzene	< .001	mg/kg			WG422492	05/20/09 18:32
1,2-Dibromo-3-Chloropropane	< .005	mg/kg			WG422492	05/20/09 18:32
1,2-Dibromoethane	< .001	mg/kg			WG422492	05/20/09 18:32
1,2-Dichlorobenzene	< .001	mg/kg			WG422492	05/20/09 18:32
1,2-Dichloroethane	< .001	mg/kg			WG422492	05/20/09 18:32
1,2-Dichloropropane	< .001	mg/kg			WG422492	05/20/09 18:32
1,3,5-Trimethylbenzene	< .001	mg/kg			WG422492	05/20/09 18:32
1,3-Dichlorobenzene	< .001	mg/kg			WG422492	05/20/09 18:32
1,3-Dichloropropane	< .001	mg/kg			WG422492	05/20/09 18:32
1,4-Dichlorobenzene	< .001	mg/kg			WG422492	05/20/09 18:32
2,2-Dichloropropane	< .001	mg/kg			WG422492	05/20/09 18:32
2-Butanone (MEK)	< .01	mg/kg			WG422492	05/20/09 18:32
2-Chloroethyl vinyl ether	< .001	mg/kg			WG422492	05/20/09 18:32
2-Chlorotoluene	< .001	mg/kg			WG422492	05/20/09 18:32
4-Chlorotoluene	< .001	mg/kg			WG422492	05/20/09 18:32
4-Methyl-2-pentanone (MIBK)	< .01	mg/kg			WG422492	05/20/09 18:32
Acetone	< .05	mg/kg			WG422492	05/20/09 18:32
Acrylonitrile	< .01	mg/kg			WG422492	05/20/09 18:32
Benzene	< .001	mg/kg			WG422492	05/20/09 18:32
Bromobenzene	< .001	mg/kg			WG422492	05/20/09 18:32
Bromodichloromethane	< .001	mg/kg			WG422492	05/20/09 18:32
Bromoform	< .001	mg/kg			WG422492	05/20/09 18:32
Bromomethane	< .005	mg/kg			WG422492	05/20/09 18:32
Carbon tetrachloride	< .001	mg/kg			WG422492	05/20/09 18:32
Chlorobenzene	< .001	mg/kg			WG422492	05/20/09 18:32
Chlorodibromomethane	< .001	mg/kg			WG422492	05/20/09 18:32
Chloroethane	< .005	mg/kg			WG422492	05/20/09 18:32
Chloroform	< .005	mg/kg			WG422492	05/20/09 18:32
Chloromethane	< .001	mg/kg			WG422492	05/20/09 18:32
cis-1,2-Dichloroethene	< .001	mg/kg			WG422492	05/20/09 18:32
cis-1,3-Dichloropropene	< .001	mg/kg			WG422492	05/20/09 18:32
Di-isopropyl ether	< .001	mg/kg			WG422492	05/20/09 18:32
Dibromomethane	< .001	mg/kg			WG422492	05/20/09 18:32
Dichlorodifluoromethane	< .005	mg/kg			WG422492	05/20/09 18:32
Ethylbenzene	< .001	mg/kg			WG422492	05/20/09 18:32
Hexachloro-1,3-butadiene	< .001	mg/kg			WG422492	05/20/09 18:32
Isopropylbenzene	< .001	mg/kg			WG422492	05/20/09 18:32
Methyl tert-butyl ether	< .001	mg/kg			WG422492	05/20/09 18:32
Methylene Chloride	< .005	mg/kg			WG422492	05/20/09 18:32
n-Butylbenzene	< .001	mg/kg			WG422492	05/20/09 18:32
n-Propylbenzene	< .001	mg/kg			WG422492	05/20/09 18:32
Naphthalene	< .005	mg/kg			WG422492	05/20/09 18:32
p-Isopropyltoluene	< .001	mg/kg			WG422492	05/20/09 18:32
sec-Butylbenzene	< .001	mg/kg			WG422492	05/20/09 18:32
Styrene	< .001	mg/kg			WG422492	05/20/09 18:32
tert-Butylbenzene	< .001	mg/kg			WG422492	05/20/09 18:32
Tetrachloroethene	< .001	mg/kg			WG422492	05/20/09 18:32

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ENVIRONMENTAL SCIENCE CORP.

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Tax I.D. 62-0814289

Est. 1970

Terracon- Lynnwood, WA
Mr. Jon Einarsen
21905 64th Ave W Ste 100

Quality Assurance Report Level II

Mountlake Terrace, WA 98043

L403242

May 25, 2009

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
Toluene	< .005	mg/kg			WG422492	05/20/09 18:32
trans-1,2-Dichloroethene	< .001	mg/kg			WG422492	05/20/09 18:32
trans-1,3-Dichloropropene	< .001	mg/kg			WG422492	05/20/09 18:32
Trichloroethene	< .001	mg/kg			WG422492	05/20/09 18:32
Trichlorofluoromethane	< .005	mg/kg			WG422492	05/20/09 18:32
Vinyl chloride	< .001	mg/kg			WG422492	05/20/09 18:32
4-Bromofluorobenzene		% Rec.	95.38	59-140	WG422492	05/20/09 18:32
Dibromofluoromethane		% Rec.	102.1	63-139	WG422492	05/20/09 18:32
Toluene-d8		% Rec.	105.0	84-116	WG422492	05/20/09 18:32
a,a,a-Trifluorotoluene		% Rec.	99.90	80-118	WG422492	05/20/09 18:32
1,1,1,2-Tetrachloroethane	< .001	mg/kg			WG422504	05/20/09 13:05
1,1,1-Trichloroethane	< .001	mg/kg			WG422504	05/20/09 13:05
1,1,2,2-Tetrachloroethane	< .001	mg/kg			WG422504	05/20/09 13:05
1,1,2-Trichloroethane	< .001	mg/kg			WG422504	05/20/09 13:05
1,1,2-Trichloro-1,2,2-trifluoroethane	< .001	mg/kg			WG422504	05/20/09 13:05
1,1-Dichloroethane	< .001	mg/kg			WG422504	05/20/09 13:05
1,1-Dichloroethene	< .001	mg/kg			WG422504	05/20/09 13:05
1,1-Dichloropropene	< .001	mg/kg			WG422504	05/20/09 13:05
1,2,3-Trichlorobenzene	< .001	mg/kg			WG422504	05/20/09 13:05
1,2,3-Trichloropropane	< .001	mg/kg			WG422504	05/20/09 13:05
1,2,3-Trimethylbenzene	< .001	mg/kg			WG422504	05/20/09 13:05
1,2,4-Trichlorobenzene	< .001	mg/kg			WG422504	05/20/09 13:05
1,2,4-Trimethylbenzene	< .001	mg/kg			WG422504	05/20/09 13:05
1,2-Dibromo-3-Chloropropane	< .005	mg/kg			WG422504	05/20/09 13:05
1,2-Dibromoethane	< .001	mg/kg			WG422504	05/20/09 13:05
1,2-Dichlorobenzene	< .001	mg/kg			WG422504	05/20/09 13:05
1,2-Dichloroethane	< .001	mg/kg			WG422504	05/20/09 13:05
1,2-Dichloropropane	< .001	mg/kg			WG422504	05/20/09 13:05
1,3,5-Trimethylbenzene	< .001	mg/kg			WG422504	05/20/09 13:05
1,3-Dichlorobenzene	< .001	mg/kg			WG422504	05/20/09 13:05
1,3-Dichloropropane	< .001	mg/kg			WG422504	05/20/09 13:05
1,4-Dichlorobenzene	< .001	mg/kg			WG422504	05/20/09 13:05
2,2-Dichloropropane	< .001	mg/kg			WG422504	05/20/09 13:05
2-Butanone (MEK)	< .01	mg/kg			WG422504	05/20/09 13:05
2-Chloroethyl vinyl ether	< .001	mg/kg			WG422504	05/20/09 13:05
2-Chlorotoluene	< .001	mg/kg			WG422504	05/20/09 13:05
4-Chlorotoluene	< .001	mg/kg			WG422504	05/20/09 13:05
4-Methyl-2-pentanone (MIBK)	< .01	mg/kg			WG422504	05/20/09 13:05
Acetone	< .05	mg/kg			WG422504	05/20/09 13:05
Acrylonitrile	< .01	mg/kg			WG422504	05/20/09 13:05
Benzene	< .001	mg/kg			WG422504	05/20/09 13:05
Bromobenzene	< .001	mg/kg			WG422504	05/20/09 13:05
Bromodichloromethane	< .001	mg/kg			WG422504	05/20/09 13:05
Bromoform	< .001	mg/kg			WG422504	05/20/09 13:05
Bromomethane	< .005	mg/kg			WG422504	05/20/09 13:05
Carbon tetrachloride	< .001	mg/kg			WG422504	05/20/09 13:05
Chlorobenzene	< .001	mg/kg			WG422504	05/20/09 13:05
Chlorodibromomethane	< .001	mg/kg			WG422504	05/20/09 13:05
Chloroethane	< .005	mg/kg			WG422504	05/20/09 13:05
Chloroform	< .005	mg/kg			WG422504	05/20/09 13:05
Chloromethane	< .001	mg/kg			WG422504	05/20/09 13:05
cis-1,2-Dichloroethene	< .001	mg/kg			WG422504	05/20/09 13:05
cis-1,3-Dichloropropene	< .001	mg/kg			WG422504	05/20/09 13:05
Di-isopropyl ether	< .001	mg/kg			WG422504	05/20/09 13:05
Dibromomethane	< .001	mg/kg			WG422504	05/20/09 13:05
Dichlorodifluoromethane	< .005	mg/kg			WG422504	05/20/09 13:05
Ethylbenzene	< .001	mg/kg			WG422504	05/20/09 13:05

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Quality Assurance Report Level II

Mountlake Terrace, WA 98043

L403242

May 25, 2009

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
Hexachloro-1,3-butadiene	< .001	mg/kg			WG422504	05/20/09 13:05
Isopropylbenzene	< .001	mg/kg			WG422504	05/20/09 13:05
Methyl tert-butyl ether	< .001	mg/kg			WG422504	05/20/09 13:05
Methylene Chloride	< .005	mg/kg			WG422504	05/20/09 13:05
n-Butylbenzene	< .001	mg/kg			WG422504	05/20/09 13:05
n-Propylbenzene	< .001	mg/kg			WG422504	05/20/09 13:05
Naphthalene	< .005	mg/kg			WG422504	05/20/09 13:05
p-Isopropyltoluene	< .001	mg/kg			WG422504	05/20/09 13:05
sec-Butylbenzene	< .001	mg/kg			WG422504	05/20/09 13:05
Styrene	< .001	mg/kg			WG422504	05/20/09 13:05
tert-Butylbenzene	< .001	mg/kg			WG422504	05/20/09 13:05
Tetrachloroethene	< .001	mg/kg			WG422504	05/20/09 13:05
Toluene	< .005	mg/kg			WG422504	05/20/09 13:05
trans-1,2-Dichloroethene	< .001	mg/kg			WG422504	05/20/09 13:05
trans-1,3-Dichloropropene	< .001	mg/kg			WG422504	05/20/09 13:05
Trichloroethene	< .001	mg/kg			WG422504	05/20/09 13:05
Trichlorofluoromethane	< .005	mg/kg			WG422504	05/20/09 13:05
Vinyl chloride	< .001	mg/kg			WG422504	05/20/09 13:05
4-Bromofluorobenzene		% Rec.	96.64	59-140	WG422504	05/20/09 13:05
Dibromofluoromethane		% Rec.	102.4	63-139	WG422504	05/20/09 13:05
Toluene-d8		% Rec.	104.4	84-116	WG422504	05/20/09 13:05
a,a,a-Trifluorotoluene		% Rec.	99.43	80-118	WG422504	05/20/09 13:05
Total Solids	< .1	%			WG422706	05/23/09 11:16
Total Solids	< .1	%			WG422707	05/23/09 11:29
1,1,1,2-Tetrachloroethane	< .001	mg/kg			WG422986	05/22/09 13:15
1,1,1-Trichloroethane	< .001	mg/kg			WG422986	05/22/09 13:15
1,1,2,2-Tetrachloroethane	< .001	mg/kg			WG422986	05/22/09 13:15
1,1,2-Trichloroethane	< .001	mg/kg			WG422986	05/22/09 13:15
1,1,2-Trichloro-1,2,2-trifluoroethane	< .001	mg/kg			WG422986	05/22/09 13:15
1,1-Dichloroethane	< .001	mg/kg			WG422986	05/22/09 13:15
1,1-Dichloropropene	< .001	mg/kg			WG422986	05/22/09 13:15
1,2,3-Trichlorobenzene	< .001	mg/kg			WG422986	05/22/09 13:15
1,2,3-Trichloropropane	< .001	mg/kg			WG422986	05/22/09 13:15
1,2,3-Trimethylbenzene	< .001	mg/kg			WG422986	05/22/09 13:15
1,2,4-Trichlorobenzene	< .001	mg/kg			WG422986	05/22/09 13:15
1,2,4-Trimethylbenzene	< .001	mg/kg			WG422986	05/22/09 13:15
1,2-Dibromo-3-Chloropropane	< .005	mg/kg			WG422986	05/22/09 13:15
1,2-Dibromoethane	< .001	mg/kg			WG422986	05/22/09 13:15
1,2-Dichlorobenzene	< .001	mg/kg			WG422986	05/22/09 13:15
1,2-Dichloroethane	< .001	mg/kg			WG422986	05/22/09 13:15
1,2-Dichloropropane	< .001	mg/kg			WG422986	05/22/09 13:15
1,3,5-Trimethylbenzene	< .001	mg/kg			WG422986	05/22/09 13:15
1,3-Dichlorobenzene	< .001	mg/kg			WG422986	05/22/09 13:15
1,3-Dichloropropane	< .001	mg/kg			WG422986	05/22/09 13:15
1,4-Dichlorobenzene	< .001	mg/kg			WG422986	05/22/09 13:15
2,2-Dichloropropane	< .001	mg/kg			WG422986	05/22/09 13:15
2-Butanone (MEK)	< .01	mg/kg			WG422986	05/22/09 13:15
2-Chloroethyl vinyl ether	< .001	mg/kg			WG422986	05/22/09 13:15
2-Chlorotoluene	< .001	mg/kg			WG422986	05/22/09 13:15
4-Chlorotoluene	< .001	mg/kg			WG422986	05/22/09 13:15
4-Methyl-2-pentanone (MIBK)	< .01	mg/kg			WG422986	05/22/09 13:15
Acetone	< .05	mg/kg			WG422986	05/22/09 13:15

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Mountlake Terrace, WA 98043

L403242

May 25, 2009

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
Acrylonitrile	< .01	mg/kg			WG422986	05/22/09 13:15
Benzene	< .001	mg/kg			WG422986	05/22/09 13:15
Bromobenzene	< .001	mg/kg			WG422986	05/22/09 13:15
Bromodichloromethane	< .001	mg/kg			WG422986	05/22/09 13:15
Bromoform	< .001	mg/kg			WG422986	05/22/09 13:15
Bromomethane	< .005	mg/kg			WG422986	05/22/09 13:15
Carbon tetrachloride	< .001	mg/kg			WG422986	05/22/09 13:15
Chlorobenzene	< .001	mg/kg			WG422986	05/22/09 13:15
Chlorodibromomethane	< .001	mg/kg			WG422986	05/22/09 13:15
Chloroethane	< .005	mg/kg			WG422986	05/22/09 13:15
Chloroform	< .005	mg/kg			WG422986	05/22/09 13:15
Chloromethane	< .001	mg/kg			WG422986	05/22/09 13:15
cis-1,2-Dichloroethene	< .001	mg/kg			WG422986	05/22/09 13:15
cis-1,3-Dichloropropene	< .001	mg/kg			WG422986	05/22/09 13:15
Di-isopropyl ether	< .001	mg/kg			WG422986	05/22/09 13:15
Dibromomethane	< .001	mg/kg			WG422986	05/22/09 13:15
Dichlorodifluoromethane	< .005	mg/kg			WG422986	05/22/09 13:15
Ethylbenzene	< .001	mg/kg			WG422986	05/22/09 13:15
Hexachloro-1,3-butadiene	< .001	mg/kg			WG422986	05/22/09 13:15
Isopropylbenzene	< .001	mg/kg			WG422986	05/22/09 13:15
Methyl tert-butyl ether	< .001	mg/kg			WG422986	05/22/09 13:15
Methylene Chloride	< .005	mg/kg			WG422986	05/22/09 13:15
n-Butylbenzene	< .001	mg/kg			WG422986	05/22/09 13:15
n-Propylbenzene	< .001	mg/kg			WG422986	05/22/09 13:15
Naphthalene	< .005	mg/kg			WG422986	05/22/09 13:15
p-Isopropyltoluene	< .001	mg/kg			WG422986	05/22/09 13:15
sec-Butylbenzene	< .001	mg/kg			WG422986	05/22/09 13:15
Styrene	< .001	mg/kg			WG422986	05/22/09 13:15
tert-Butylbenzene	< .001	mg/kg			WG422986	05/22/09 13:15
Tetrachloroethene	< .001	mg/kg			WG422986	05/22/09 13:15
Toluene	< .005	mg/kg			WG422986	05/22/09 13:15
trans-1,2-Dichloroethene	< .001	mg/kg			WG422986	05/22/09 13:15
trans-1,3-Dichloropropene	< .001	mg/kg			WG422986	05/22/09 13:15
Trichloroethene	< .001	mg/kg			WG422986	05/22/09 13:15
Trichlorofluoromethane	< .005	mg/kg			WG422986	05/22/09 13:15
Vinyl chloride	< .001	mg/kg			WG422986	05/22/09 13:15
4-Bromofluorobenzene		% Rec.	103.5	59-140	WG422986	05/22/09 13:15
Dibromofluoromethane		% Rec.	102.5	63-139	WG422986	05/22/09 13:15
Toluene-d8		% Rec.	98.14	84-116	WG422986	05/22/09 13:15
a,a,a-Trifluorotoluene		% Rec.	100.1	80-118	WG422986	05/22/09 13:15

Analyte	Units	Result	Duplicate		Limit	Ref Samp	Batch
			Duplicate	RPD			
Total Solids	%	90.7	91.2	0.559	5	L403242-07	WG422706
Total Solids	%	95.2	95.3	0.136	5	L403255-02	WG422707

Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
1,1,1,2-Tetrachloroethane	mg/kg	.05	0.0444	88.8	73-134	WG422492
1,1,1-Trichloroethane	mg/kg	.05	0.0509	102.	62-135	WG422492
1,1,2,2-Tetrachloroethane	mg/kg	.05	0.0426	85.2	74-129	WG422492
1,1,2-Trichloroethane	mg/kg	.05	0.0413	82.6	77-124	WG422492
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	.05	0.0391	78.2	49-155	WG422492
1,1-Dichloroethane	mg/kg	.05	0.0528	106.	61-134	WG422492
1,1-Dichloroethene	mg/kg	.05	0.0432	86.3	53-136	WG422492

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L403242

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Analyte	Units	Laboratory Control Known Val	Sample Result	% Rec	Limit	Batch
1,1-Dichloropropene	mg/kg	.05	0.0531	106.	63-132	WG422492
1,2,3-Trichlorobenzene	mg/kg	.05	0.0459	91.7	62-146	WG422492
1,2,3-Trichloropropane	mg/kg	.05	0.0451	90.3	70-133	WG422492
1,2,3-Trimethylbenzene	mg/kg	.05	0.0434	86.8	73-126	WG422492
1,2,4-Trichlorobenzene	mg/kg	.05	0.0473	94.7	61-148	WG422492
1,2,4-Trimethylbenzene	mg/kg	.05	0.0440	88.1	68-135	WG422492
1,2-Dibromo-3-Chloropropane	mg/kg	.05	0.0452	90.5	61-134	WG422492
1,2-Dibromoethane	mg/kg	.05	0.0454	90.8	76-127	WG422492
1,2-Dichlorobenzene	mg/kg	.05	0.0451	90.3	77-123	WG422492
1,2-Dichloroethane	mg/kg	.05	0.0572	114.	58-141	WG422492
1,2-Dichloropropane	mg/kg	.05	0.0498	99.6	71-128	WG422492
1,3,5-Trimethylbenzene	mg/kg	.05	0.0440	87.9	71-133	WG422492
1,3-Dichlorobenzene	mg/kg	.05	0.0449	89.8	71-132	WG422492
1,3-Dichloropropane	mg/kg	.05	0.0464	92.8	76-120	WG422492
1,4-Dichlorobenzene	mg/kg	.05	0.0443	88.6	72-123	WG422492
2,2-Dichloropropane	mg/kg	.05	0.0478	95.7	50-147	WG422492
2-Butanone (MEK)	mg/kg	.25	0.227	90.8	51-131	WG422492
2-Chloroethyl vinyl ether	mg/kg	.25	0.242	96.7	0-188	WG422492
2-Chlorotoluene	mg/kg	.05	0.0456	91.1	73-128	WG422492
4-Chlorotoluene	mg/kg	.05	0.0437	87.4	72-129	WG422492
4-Methyl-2-pentanone (MIBK)	mg/kg	.25	0.239	95.5	61-143	WG422492
Acetone	mg/kg	.25	0.248	99.4	44-140	WG422492
Acrylonitrile	mg/kg	.25	0.243	97.2	55-143	WG422492
Benzene	mg/kg	.05	0.0493	98.5	65-128	WG422492
Bromobenzene	mg/kg	.05	0.0441	88.1	75-123	WG422492
Bromodichloromethane	mg/kg	.05	0.0445	89.0	66-126	WG422492
Bromoform	mg/kg	.05	0.0419	83.9	64-139	WG422492
Bromomethane	mg/kg	.05	0.0355	71.1	41-175	WG422492
Carbon tetrachloride	mg/kg	.05	0.0529	106.	60-140	WG422492
Chlorobenzene	mg/kg	.05	0.0437	87.5	75-125	WG422492
Chlorodibromomethane	mg/kg	.05	0.0424	84.8	72-137	WG422492
Chloroethane	mg/kg	.05	0.0503	101.	44-159	WG422492
Chloroform	mg/kg	.05	0.0521	104.	63-123	WG422492
Chloromethane	mg/kg	.05	0.0524	105.	42-149	WG422492
cis-1,2-Dichloroethene	mg/kg	.05	0.0470	94.0	71-129	WG422492
cis-1,3-Dichloropropene	mg/kg	.05	0.0487	97.5	73-132	WG422492
Di-isopropyl ether	mg/kg	.05	0.0500	100.	59-143	WG422492
Dibromomethane	mg/kg	.05	0.0489	97.7	70-130	WG422492
Dichlorodifluoromethane	mg/kg	.05	0.0498	99.6	26-186	WG422492
Ethylbenzene	mg/kg	.05	0.0448	89.7	74-128	WG422492
Hexachloro-1,3-butadiene	mg/kg	.05	0.0488	97.6	65-137	WG422492
Isopropylbenzene	mg/kg	.05	0.0441	88.1	73-130	WG422492
Methyl tert-butyl ether	mg/kg	.05	0.0458	91.5	44-148	WG422492
Methylene Chloride	mg/kg	.05	0.0445	89.1	57-129	WG422492
n-Butylbenzene	mg/kg	.05	0.0459	91.7	60-145	WG422492
n-Propylbenzene	mg/kg	.05	0.0444	88.7	71-132	WG422492
Naphthalene	mg/kg	.05	0.0499	99.8	61-142	WG422492
p-Isopropyltoluene	mg/kg	.05	0.0434	86.8	67-138	WG422492
sec-Butylbenzene	mg/kg	.05	0.0442	88.5	71-134	WG422492
Styrene	mg/kg	.05	0.0446	89.1	76-133	WG422492
tert-Butylbenzene	mg/kg	.05	0.0428	85.6	72-132	WG422492
Tetrachloroethene	mg/kg	.05	0.0425	84.9	65-135	WG422492
Toluene	mg/kg	.05	0.0466	93.1	70-120	WG422492
trans-1,2-Dichloroethene	mg/kg	.05	0.0476	95.3	61-133	WG422492
trans-1,3-Dichloropropene	mg/kg	.05	0.0493	98.6	70-135	WG422492
Trichloroethene	mg/kg	.05	0.0470	94.0	71-126	WG422492
Trichlorofluoromethane	mg/kg	.05	0.0511	102.	52-147	WG422492
Vinyl chloride	mg/kg	.05	0.0564	113.	50-151	WG422492
4-Bromofluorobenzene				96.05	59-140	WG422492

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Est. 1970

Terracon- Lynnwood, WA
Mr. Jon Einarsen
21905 64th Ave W Ste 100

Quality Assurance Report Level II

Mountlake Terrace, WA 98043

L403242

May 25, 2009

Analyte	Units	Laboratory Control Known Val	Sample Result	% Rec	Limit	Batch
Dibromofluoromethane				103.7	63-139	
Toluene-d8				103.0	84-116	
a,a,a-Trifluorotoluene				97.66	80-118	
1,1,1,2-Tetrachloroethane	mg/kg	.05	0.0457	91.4	73-134	WG422504
1,1,1-Trichloroethane	mg/kg	.05	0.0503	101.	62-135	WG422504
1,1,2,2-Tetrachloroethane	mg/kg	.05	0.0505	101.	74-129	WG422504
1,1,2-Trichloroethane	mg/kg	.05	0.0432	86.5	77-124	WG422504
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	.05	0.0583	117.	49-155	WG422504
1,1-Dichloroethane	mg/kg	.05	0.0520	104.	61-134	WG422504
1,1-Dichloroethene	mg/kg	.05	0.0597	119.	53-136	WG422504
1,1-Dichloropropene	mg/kg	.05	0.0506	101.	63-132	WG422504
1,2,3-Trichlorobenzene	mg/kg	.05	0.0512	102.	62-146	WG422504
1,2,3-Trichloropropane	mg/kg	.05	0.0447	89.4	70-133	WG422504
1,2,3-Trimethylbenzene	mg/kg	.05	0.0482	96.3	73-126	WG422504
1,2,4-Trichlorobenzene	mg/kg	.05	0.0510	102.	61-148	WG422504
1,2,4-Trimethylbenzene	mg/kg	.05	0.0466	93.3	68-135	WG422504
1,2-Dibromo-3-Chloropropane	mg/kg	.05	0.0522	104.	61-134	WG422504
1,2-Dibromoethane	mg/kg	.05	0.0438	87.7	76-127	WG422504
1,2-Dichlorobenzene	mg/kg	.05	0.0467	93.4	77-123	WG422504
1,2-Dichloroethane	mg/kg	.05	0.0521	104.	58-141	WG422504
1,2-Dichloropropane	mg/kg	.05	0.0506	101.	71-128	WG422504
1,3,5-Trimethylbenzene	mg/kg	.05	0.0473	94.5	71-133	WG422504
1,3-Dichlorobenzene	mg/kg	.05	0.0437	87.5	71-132	WG422504
1,3-Dichloropropane	mg/kg	.05	0.0456	91.3	76-120	WG422504
1,4-Dichlorobenzene	mg/kg	.05	0.0470	94.0	72-123	WG422504
2,2-Dichloropropane	mg/kg	.05	0.0515	103.	50-147	WG422504
2-Butanone (MEK)	mg/kg	.25	0.266	106.	51-131	WG422504
2-Chloroethyl vinyl ether	mg/kg	.25	0.0863	34.5	0-188	WG422504
2-Chlorotoluene	mg/kg	.05	0.0474	94.8	73-128	WG422504
4-Chlorotoluene	mg/kg	.05	0.0462	92.4	72-129	WG422504
4-Methyl-2-pentanone (MIBK)	mg/kg	.25	0.302	121.	61-143	WG422504
Acetone	mg/kg	.25	0.318	127.	44-140	WG422504
Acrylonitrile	mg/kg	.25	0.300	120.	55-143	WG422504
Benzene	mg/kg	.05	0.0510	102.	65-128	WG422504
Bromobenzene	mg/kg	.05	0.0459	91.9	75-123	WG422504
Bromodichloromethane	mg/kg	.05	0.0549	110.	66-126	WG422504
Bromoform	mg/kg	.05	0.0405	80.9	64-139	WG422504
Bromomethane	mg/kg	.05	0.0591	118.	41-175	WG422504
Carbon tetrachloride	mg/kg	.05	0.0483	96.6	60-140	WG422504
Chlorobenzene	mg/kg	.05	0.0444	88.9	75-125	WG422504
Chlorodibromomethane	mg/kg	.05	0.0471	94.3	72-137	WG422504
Chloroethane	mg/kg	.05	0.0589	118.	44-159	WG422504
Chloroform	mg/kg	.05	0.0497	99.5	63-123	WG422504
Chloromethane	mg/kg	.05	0.0499	99.9	42-149	WG422504
cis-1,2-Dichloroethene	mg/kg	.05	0.0518	104.	71-129	WG422504
cis-1,3-Dichloropropene	mg/kg	.05	0.0536	107.	73-132	WG422504
Di-isopropyl ether	mg/kg	.05	0.0550	110.	59-143	WG422504
Dibromomethane	mg/kg	.05	0.0475	95.0	70-130	WG422504
Dichlorodifluoromethane	mg/kg	.05	0.0548	110.	26-186	WG422504
Ethylbenzene	mg/kg	.05	0.0447	89.5	74-128	WG422504
Hexachloro-1,3-butadiene	mg/kg	.05	0.0480	96.0	65-137	WG422504
Isopropylbenzene	mg/kg	.05	0.0469	93.8	73-130	WG422504
Methyl tert-butyl ether	mg/kg	.05	0.0545	109.	44-148	WG422504
Methylene Chloride	mg/kg	.05	0.0558	112.	57-129	WG422504
n-Butylbenzene	mg/kg	.05	0.0531	106.	60-145	WG422504
n-Propylbenzene	mg/kg	.05	0.0471	94.1	71-132	WG422504
Naphthalene	mg/kg	.05	0.0532	106.	61-142	WG422504
p-Isopropyltoluene	mg/kg	.05	0.0477	95.5	67-138	WG422504
sec-Butylbenzene	mg/kg	.05	0.0476	95.2	71-134	WG422504

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Quality Assurance Report Level II

L403242

May 25, 2009

Analyte	Units	Laboratory Control Known Val	Sample Result	% Rec	Limit	Batch
Styrene	mg/kg	.05	0.0471	94.2	76-133	WG422504
tert-Butylbenzene	mg/kg	.05	0.0471	94.3	72-132	WG422504
Tetrachloroethene	mg/kg	.05	0.0397	79.3	65-135	WG422504
Toluene	mg/kg	.05	0.0484	96.9	70-120	WG422504
trans-1,2-Dichloroethene	mg/kg	.05	0.0433	86.6	61-133	WG422504
trans-1,3-Dichloropropene	mg/kg	.05	0.0550	110.	70-135	WG422504
Trichloroethene	mg/kg	.05	0.0464	92.8	71-126	WG422504
Trichlorofluoromethane	mg/kg	.05	0.0606	121.	52-147	WG422504
Vinyl chloride	mg/kg	.05	0.0495	99.0	50-151	WG422504
4-Bromofluorobenzene				95.58	59-140	WG422504
Dibromofluoromethane				107.2	63-139	WG422504
Toluene-d8				102.8	84-116	WG422504
a,a,a-Trifluorotoluene				98.86	80-118	WG422504
Total Solids	%	50	50.0	100.	85-115	WG422706
Total Solids	%	50	50.0	100.	85-115	WG422707
1,1,1,2-Tetrachloroethane	mg/kg	.05	0.0519	104.	73-134	WG422986
1,1,1-Trichloroethane	mg/kg	.05	0.0540	108.	62-135	WG422986
1,1,2,2-Tetrachloroethane	mg/kg	.05	0.0506	101.	74-129	WG422986
1,1,2-Trichloroethane	mg/kg	.05	0.0480	96.1	77-124	WG422986
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	.05	0.0502	100.	49-155	WG422986
1,1-Dichloroethane	mg/kg	.05	0.0513	103.	61-134	WG422986
1,1-Dichloroethene	mg/kg	.05	0.0563	113.	53-136	WG422986
1,1-Dichloropropene	mg/kg	.05	0.0513	103.	63-132	WG422986
1,2,3-Trichlorobenzene	mg/kg	.05	0.0527	105.	62-146	WG422986
1,2,3-Trichloropropane	mg/kg	.05	0.0462	92.5	70-133	WG422986
1,2,3-Trimethylbenzene	mg/kg	.05	0.0498	99.6	73-126	WG422986
1,2,4-Trichlorobenzene	mg/kg	.05	0.0537	107.	61-148	WG422986
1,2,4-Trimethylbenzene	mg/kg	.05	0.0528	106.	68-135	WG422986
1,2-Dibromo-3-Chloropropane	mg/kg	.05	0.0498	99.6	61-134	WG422986
1,2-Dibromoethane	mg/kg	.05	0.0499	99.8	76-127	WG422986
1,2-Dichlorobenzene	mg/kg	.05	0.0470	94.0	77-123	WG422986
1,2-Dichloroethane	mg/kg	.05	0.0515	103.	58-141	WG422986
1,2-Dichloropropane	mg/kg	.05	0.0494	98.9	71-128	WG422986
1,3,5-Trimethylbenzene	mg/kg	.05	0.0533	107.	71-133	WG422986
1,3-Dichlorobenzene	mg/kg	.05	0.0485	97.1	71-132	WG422986
1,3-Dichloropropane	mg/kg	.05	0.0478	95.6	76-120	WG422986
1,4-Dichlorobenzene	mg/kg	.05	0.0514	103.	72-123	WG422986
2,2-Dichloropropane	mg/kg	.05	0.0528	106.	50-147	WG422986
2-Butanone (MEK)	mg/kg	.25	0.252	101.	51-131	WG422986
2-Chloroethyl vinyl ether	mg/kg	.25	0.236	94.6	0-188	WG422986
2-Chlorotoluene	mg/kg	.05	0.0518	104.	73-128	WG422986
4-Chlorotoluene	mg/kg	.05	0.0504	101.	72-129	WG422986
4-Methyl-2-pentanone (MIBK)	mg/kg	.25	0.278	111.	61-143	WG422986
Acetone	mg/kg	.25	0.263	105.	44-140	WG422986
Acrylonitrile	mg/kg	.25	0.267	107.	55-143	WG422986
Benzene	mg/kg	.05	0.0522	104.	65-128	WG422986
Bromobenzene	mg/kg	.05	0.0484	96.8	75-123	WG422986
Bromodichloromethane	mg/kg	.05	0.0569	114.	66-126	WG422986
Bromoform	mg/kg	.05	0.0465	92.9	64-139	WG422986
Bromomethane	mg/kg	.05	0.0512	102.	41-175	WG422986
Carbon tetrachloride	mg/kg	.05	0.0547	109.	60-140	WG422986
Chlorobenzene	mg/kg	.05	0.0498	99.6	75-125	WG422986
Chlorodibromomethane	mg/kg	.05	0.0533	107.	72-137	WG422986

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Quality Assurance Report Level II

Mountlake Terrace, WA 98043

L403242

May 25, 2009

Analyte	Units	Laboratory Control		Sample	% Rec	Limit	Batch
		Known	Val	Result			
Chloroethane	mg/kg	.05		0.0496	99.2	44-159	WG422986
Chloroform	mg/kg	.05		0.0504	101.	63-123	WG422986
Chloromethane	mg/kg	.05		0.0472	94.4	42-149	WG422986
cis-1,2-Dichloroethene	mg/kg	.05		0.0535	107.	71-129	WG422986
cis-1,3-Dichloropropene	mg/kg	.05		0.0552	110.	73-132	WG422986
Di-isopropyl ether	mg/kg	.05		0.0525	105.	59-143	WG422986
Dibromomethane	mg/kg	.05		0.0502	100.	70-130	WG422986
Dichlorodifluoromethane	mg/kg	.05		0.0468	93.5	26-186	WG422986
Ethylbenzene	mg/kg	.05		0.0498	99.6	74-128	WG422986
Hexachloro-1,3-butadiene	mg/kg	.05		0.0498	99.5	65-137	WG422986
Isopropylbenzene	mg/kg	.05		0.0528	106.	73-130	WG422986
Methyl tert-butyl ether	mg/kg	.05		0.0523	105.	44-148	WG422986
Methylene Chloride	mg/kg	.05		0.0477	95.4	57-129	WG422986
n-Butylbenzene	mg/kg	.05		0.0551	110.	60-145	WG422986
n-Propylbenzene	mg/kg	.05		0.0518	104.	71-132	WG422986
Naphthalene	mg/kg	.05		0.0547	109.	61-142	WG422986
p-Isopropyltoluene	mg/kg	.05		0.0512	102.	67-138	WG422986
sec-Butylbenzene	mg/kg	.05		0.0515	103.	71-134	WG422986
Styrene	mg/kg	.05		0.0546	109.	76-133	WG422986
tert-Butylbenzene	mg/kg	.05		0.0509	102.	72-132	WG422986
Tetrachloroethene	mg/kg	.05		0.0466	93.3	65-135	WG422986
Toluene	mg/kg	.05		0.0507	101.	70-120	WG422986
trans-1,2-Dichloroethene	mg/kg	.05		0.0492	98.4	61-133	WG422986
trans-1,3-Dichloropropene	mg/kg	.05		0.0561	112.	70-135	WG422986
Trichloroethene	mg/kg	.05		0.0500	100.	71-126	WG422986
Trichlorofluoromethane	mg/kg	.05		0.0555	111.	52-147	WG422986
Vinyl chloride	mg/kg	.05		0.0480	96.0	50-151	WG422986
4-Bromofluorobenzene					103.0	59-140	WG422986
Dibromofluoromethane					103.5	63-139	WG422986
Toluene-d8					100.2	84-116	WG422986
a,a,a-Trifluorotoluene					100.5	80-118	WG422986

Analyte	Units	Laboratory Control		Sample Duplicate	Limit	RPD	Limit	Batch
		Result	Ref	%Rec				
1,1,1,2-Tetrachloroethane	mg/kg	0.0441	0.0444	88.0	73-134	0.832	20	WG422492
1,1,1-Trichloroethane	mg/kg	0.0502	0.0509	100.	62-135	1.52	20	WG422492
1,1,2,2-Tetrachloroethane	mg/kg	0.0412	0.0426	82.0	74-129	3.38	20	WG422492
1,1,2-Trichloroethane	mg/kg	0.0410	0.0413	82.0	77-124	0.740	20	WG422492
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0382	0.0391	76.0	49-155	2.26	20	WG422492
1,1-Dichloroethane	mg/kg	0.0510	0.0528	102.	61-134	3.51	20	WG422492
1,1-Dichloroethene	mg/kg	0.0427	0.0432	85.0	53-136	1.01	20	WG422492
1,1-Dichloropropene	mg/kg	0.0521	0.0531	104.	63-132	1.87	20	WG422492
1,2,3-Trichlorobenzene	mg/kg	0.0444	0.0459	89.0	62-146	3.28	20	WG422492
1,2,3-Trichloropropane	mg/kg	0.0440	0.0451	88.0	70-133	2.65	20	WG422492
1,2,3-Trimethylbenzene	mg/kg	0.0426	0.0434	85.0	73-126	1.75	20	WG422492
1,2,4-Trichlorobenzene	mg/kg	0.0463	0.0473	93.0	61-148	2.18	20	WG422492
1,2,4-Trimethylbenzene	mg/kg	0.0434	0.0440	87.0	68-135	1.36	20	WG422492
1,2-Dibromo-3-Chloropropane	mg/kg	0.0438	0.0452	88.0	61-134	3.26	21	WG422492
1,2-Dibromoethane	mg/kg	0.0448	0.0454	90.0	76-127	1.25	20	WG422492
1,2-Dichlorobenzene	mg/kg	0.0434	0.0451	87.0	77-123	3.85	20	WG422492
1,2-Dichloroethane	mg/kg	0.0541	0.0572	108.	58-141	5.62	20	WG422492
1,2-Dichloropropane	mg/kg	0.0473	0.0498	95.0	71-128	5.13	20	WG422492
1,3,5-Trimethylbenzene	mg/kg	0.0431	0.0440	86.0	71-133	1.88	20	WG422492
1,3-Dichlorobenzene	mg/kg	0.0429	0.0449	86.0	71-132	4.66	20	WG422492
1,3-Dichloropropane	mg/kg	0.0445	0.0464	89.0	76-120	4.21	20	WG422492
1,4-Dichlorobenzene	mg/kg	0.0428	0.0443	86.0	72-123	3.58	20	WG422492
2,2-Dichloropropane	mg/kg	0.0471	0.0478	94.0	50-147	1.50	20	WG422492
2-Butanone (MEK)	mg/kg	0.221	0.227	88.0	51-131	2.66	25	WG422492

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Mountlake Terrace, WA 98043

L403242

May 25, 2009

Analyte	Units	Laboratory Control Sample Duplicate			Limit	RPD	Limit	Batch
		Result	Ref	%Rec				
2-Chloroethyl vinyl ether	mg/kg	0.186	0.242	74.0	0-188	26.2	39	WG422492
2-Chlorotoluene	mg/kg	0.0450	0.0456	90.0	73-128	1.17	20	WG422492
4-Chlorotoluene	mg/kg	0.0425	0.0437	85.0	72-129	2.71	20	WG422492
4-Methyl-2-pentanone (MIBK)	mg/kg	0.234	0.239	94.0	61-143	2.08	23	WG422492
Acetone	mg/kg	0.249	0.248	99.0	44-140	0.0237	25	WG422492
Acrylonitrile	mg/kg	0.239	0.243	96.0	55-143	1.58	20	WG422492
Benzene	mg/kg	0.0486	0.0493	97.0	65-128	1.44	20	WG422492
Bromobenzene	mg/kg	0.0433	0.0441	87.0	75-123	1.68	20	WG422492
Bromodichloromethane	mg/kg	0.0451	0.0445	90.0	66-126	1.36	20	WG422492
Bromoform	mg/kg	0.0417	0.0419	83.0	64-139	0.540	20	WG422492
Bromomethane	mg/kg	0.0367	0.0355	73.0	41-175	3.33	20	WG422492
Carbon tetrachloride	mg/kg	0.0523	0.0529	105.	60-140	1.22	20	WG422492
Chlorobenzene	mg/kg	0.0425	0.0437	85.0	75-125	2.84	20	WG422492
Chlorodibromomethane	mg/kg	0.0413	0.0424	83.0	72-137	2.53	20	WG422492
Chloroethane	mg/kg	0.0496	0.0503	99.0	44-159	1.41	20	WG422492
Chloroform	mg/kg	0.0524	0.0521	105.	63-123	0.535	20	WG422492
Chloromethane	mg/kg	0.0522	0.0524	104.	42-149	0.292	20	WG422492
cis-1,2-Dichloroethene	mg/kg	0.0468	0.0470	94.0	71-129	0.504	20	WG422492
cis-1,3-Dichloropropene	mg/kg	0.0483	0.0487	97.0	73-132	0.978	20	WG422492
Di-isopropyl ether	mg/kg	0.0488	0.0500	98.0	59-143	2.46	20	WG422492
Dibromomethane	mg/kg	0.0473	0.0489	95.0	70-130	3.21	20	WG422492
Dichlorodifluoromethane	mg/kg	0.0495	0.0498	99.0	26-186	0.578	22	WG422492
Ethylbenzene	mg/kg	0.0437	0.0448	87.0	74-128	2.46	20	WG422492
Hexachloro-1,3-butadiene	mg/kg	0.0480	0.0488	96.0	65-137	1.52	20	WG422492
Isopropylbenzene	mg/kg	0.0433	0.0441	87.0	73-130	1.84	20	WG422492
Methyl tert-butyl ether	mg/kg	0.0452	0.0458	90.0	44-148	1.33	20	WG422492
Methylene Chloride	mg/kg	0.0452	0.0445	90.0	57-129	1.50	20	WG422492
n-Butylbenzene	mg/kg	0.0448	0.0459	90.0	60-145	2.37	20	WG422492
n-Propylbenzene	mg/kg	0.0440	0.0444	88.0	71-132	0.839	20	WG422492
Naphthalene	mg/kg	0.0478	0.0499	96.0	61-142	4.26	20	WG422492
p-Isopropyltoluene	mg/kg	0.0421	0.0434	84.0	67-138	3.07	20	WG422492
sec-Butylbenzene	mg/kg	0.0437	0.0442	87.0	71-134	1.14	20	WG422492
Styrene	mg/kg	0.0434	0.0446	87.0	76-133	2.73	20	WG422492
tert-Butylbenzene	mg/kg	0.0420	0.0428	84.0	72-132	2.03	20	WG422492
Tetrachloroethene	mg/kg	0.0420	0.0425	84.0	65-135	1.18	20	WG422492
Toluene	mg/kg	0.0463	0.0466	93.0	70-120	0.630	20	WG422492
trans-1,2-Dichloroethene	mg/kg	0.0467	0.0476	93.0	61-133	1.93	20	WG422492
trans-1,3-Dichloropropene	mg/kg	0.0490	0.0493	98.0	70-135	0.658	20	WG422492
Trichloroethene	mg/kg	0.0471	0.0470	94.0	71-126	0.298	20	WG422492
Trichlorofluoromethane	mg/kg	0.0510	0.0511	102.	52-147	0.190	20	WG422492
Vinyl chloride	mg/kg	0.0554	0.0564	111.	50-151	1.74	20	WG422492
4-Bromofluorobenzene				94.26	59-140			WG422492
Dibromofluoromethane				101.4	63-139			WG422492
Toluene-d8				103.3	84-116			WG422492
a,a,a-Trifluorotoluene				97.48	80-118			WG422492
1,1,1,2-Tetrachloroethane	mg/kg	0.0490	0.0457	98.0	73-134	6.91	20	WG422504
1,1,1-Trichloroethane	mg/kg	0.0512	0.0503	102.	62-135	1.74	20	WG422504
1,1,2,2-Tetrachloroethane	mg/kg	0.0568	0.0505	114.	74-129	11.8	20	WG422504
1,1,2-Trichloroethane	mg/kg	0.0487	0.0432	97.0	77-124	11.9	20	WG422504
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0612	0.0583	122.	49-155	4.92	20	WG422504
1,1-Dichloroethane	mg/kg	0.0530	0.0520	106.	61-134	1.85	20	WG422504
1,1-Dichloroethene	mg/kg	0.0595	0.0597	119.	53-136	0.479	20	WG422504
1,1-Dichloropropene	mg/kg	0.0513	0.0506	103.	63-132	1.32	20	WG422504
1,2,3-Trichlorobenzene	mg/kg	0.0552	0.0512	110.	62-146	7.56	20	WG422504
1,2,3-Trichloropropane	mg/kg	0.0516	0.0447	103.	70-133	14.4	20	WG422504
1,2,3-Trimethylbenzene	mg/kg	0.0504	0.0482	101.	73-126	4.55	20	WG422504
1,2,4-Trichlorobenzene	mg/kg	0.0543	0.0510	109.	61-148	6.33	20	WG422504

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Est. 1970

Terracon- Lynnwood, WA
Mr. Jon Einarsen
21905 64th Ave W Ste 100

Quality Assurance Report Level II

Mountlake Terrace, WA 98043

May 25, 2009

L403242

Analyte	Laboratory Control Sample Duplicate				Limit	RPD	Limit	Batch
	Units	Result	Ref	%Rec				
1,2,4-Trimethylbenzene	mg/kg	0.0488	0.0466	98.0	68-135	4.58	20	WG422504
1,2-Dibromo-3-Chloropropane	mg/kg	0.0639	0.0522	128.	61-134	20.1	21	WG422504
1,2-Dibromoethane	mg/kg	0.0484	0.0438	97.0	76-127	9.91	20	WG422504
1,2-Dichlorobenzene	mg/kg	0.0499	0.0467	100.	77-123	6.68	20	WG422504
1,2-Dichloroethane	mg/kg	0.0543	0.0521	109.	58-141	4.10	20	WG422504
1,2-Dichloropropane	mg/kg	0.0515	0.0506	103.	71-128	1.74	20	WG422504
1,3,5-Trimethylbenzene	mg/kg	0.0494	0.0473	99.0	71-133	4.49	20	WG422504
1,3-Dichlorobenzene	mg/kg	0.0463	0.0437	93.0	71-132	5.66	20	WG422504
1,3-Dichloropropane	mg/kg	0.0495	0.0456	99.0	76-120	8.10	20	WG422504
1,4-Dichlorobenzene	mg/kg	0.0492	0.0470	98.0	72-123	4.54	20	WG422504
2,2-Dichloropropane	mg/kg	0.0527	0.0515	105.	50-147	2.38	20	WG422504
2-Butanone (MEK)	mg/kg	0.304	0.266	121.	51-131	13.4	25	WG422504
2-Chloroethyl vinyl ether	mg/kg	0.101	0.0863	41.0	0-188	16.0	39	WG422504
2-Chlorotoluene	mg/kg	0.0499	0.0474	100.	73-128	5.04	20	WG422504
4-Chlorotoluene	mg/kg	0.0480	0.0462	96.0	72-129	3.79	20	WG422504
4-Methyl-2-pentanone (MIBK)	mg/kg	0.352	0.302	141.	61-143	15.3	23	WG422504
Acetone	mg/kg	0.330	0.318	132.	44-140	3.55	25	WG422504
Acrylonitrile	mg/kg	0.328	0.300	131.	55-143	8.78	20	WG422504
Benzene	mg/kg	0.0527	0.0510	105.	65-128	3.36	20	WG422504
Bromobenzene	mg/kg	0.0487	0.0459	97.0	75-123	5.81	20	WG422504
Bromodichloromethane	mg/kg	0.0566	0.0549	113.	66-126	2.97	20	WG422504
Bromoform	mg/kg	0.0445	0.0405	89.0	64-139	9.49	20	WG422504
Bromomethane	mg/kg	0.0568	0.0591	114.	41-175	3.91	20	WG422504
Carbon tetrachloride	mg/kg	0.0489	0.0483	98.0	60-140	1.14	20	WG422504
Chlorobenzene	mg/kg	0.0470	0.0444	94.0	75-125	5.60	20	WG422504
Chlorodibromomethane	mg/kg	0.0509	0.0471	102.	72-137	7.73	20	WG422504
Chloroethane	mg/kg	0.0577	0.0589	115.	44-159	2.01	20	WG422504
Chloroform	mg/kg	0.0514	0.0497	103.	63-123	3.28	20	WG422504
Chloromethane	mg/kg	0.0499	0.0499	100.	42-149	0.124	20	WG422504
cis-1,2-Dichloroethene	mg/kg	0.0529	0.0518	106.	71-129	2.03	20	WG422504
cis-1,3-Dichloropropene	mg/kg	0.0563	0.0536	113.	73-132	4.97	20	WG422504
Di-isopropyl ether	mg/kg	0.0570	0.0550	114.	59-143	3.64	20	WG422504
Dibromomethane	mg/kg	0.0508	0.0475	102.	70-130	6.77	20	WG422504
Dichlorodifluoromethane	mg/kg	0.0532	0.0548	106.	26-186	2.95	22	WG422504
Ethylbenzene	mg/kg	0.0477	0.0447	95.0	74-128	6.46	20	WG422504
Hexachloro-1,3-butadiene	mg/kg	0.0500	0.0480	100.	65-137	4.09	20	WG422504
Isopropylbenzene	mg/kg	0.0491	0.0469	98.0	73-130	4.66	20	WG422504
Methyl tert-butyl ether	mg/kg	0.0581	0.0545	116.	44-148	6.34	20	WG422504
Methylene Chloride	mg/kg	0.0545	0.0558	109.	57-129	2.29	20	WG422504
n-Butylbenzene	mg/kg	0.0545	0.0531	109.	60-145	2.59	20	WG422504
n-Propylbenzene	mg/kg	0.0491	0.0471	98.0	71-132	4.20	20	WG422504
Naphthalene	mg/kg	0.0616	0.0532	123.	61-142	14.5	20	WG422504
p-Isopropyltoluene	mg/kg	0.0499	0.0477	100.	67-138	4.37	20	WG422504
sec-Butylbenzene	mg/kg	0.0495	0.0476	99.0	71-134	3.96	20	WG422504
Styrene	mg/kg	0.0511	0.0471	102.	76-133	8.12	20	WG422504
tert-Butylbenzene	mg/kg	0.0495	0.0471	99.0	72-132	4.84	20	WG422504
Tetrachloroethene	mg/kg	0.0426	0.0397	85.0	65-135	7.20	20	WG422504
Toluene	mg/kg	0.0503	0.0484	101.	70-120	3.70	20	WG422504
trans-1,2-Dichloroethene	mg/kg	0.0433	0.0433	87.0	61-133	0.0540	20	WG422504
trans-1,3-Dichloropropene	mg/kg	0.0580	0.0550	116.	70-135	5.26	20	WG422504
Trichloroethene	mg/kg	0.0484	0.0464	97.0	71-126	4.16	20	WG422504
Trichlorofluoromethane	mg/kg	0.0633	0.0606	127.	52-147	4.28	20	WG422504
Vinyl chloride	mg/kg	0.0490	0.0495	98.0	50-151	0.925	20	WG422504
4-Bromofluorobenzene				96.71	59-140			WG422504
Dibromofluoromethane				105.3	63-139			WG422504
Toluene-d8				101.4	84-116			WG422504
a,a,a-Trifluorotoluene				98.96	80-118			WG422504

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Quality Assurance Report Level II

Mountlake Terrace, WA 98043

May 25, 2009

L403242

Analyte	Units	Laboratory Control			Sample Duplicate	Limit	RPD	Limit	Batch
		Result	Ref	%Rec					
1,1,1,2-Tetrachloroethane	mg/kg	0.0535	0.0519	107.		73-134	3.08	20	WG422986
1,1,1-Trichloroethane	mg/kg	0.0545	0.0540	109.		62-135	0.932	20	WG422986
1,1,2,2-Tetrachloroethane	mg/kg	0.0520	0.0506	104.		74-129	2.77	20	WG422986
1,1,2-Trichloroethane	mg/kg	0.0491	0.0480	98.0		77-124	2.22	20	WG422986
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0487	0.0502	97.0		49-155	3.21	20	WG422986
1,1-Dichloroethane	mg/kg	0.0528	0.0513	106.		61-134	2.95	20	WG422986
1,1-Dichloroethene	mg/kg	0.0555	0.0563	111.		53-136	1.43	20	WG422986
1,1-Dichloropropene	mg/kg	0.0523	0.0513	105.		63-132	1.90	20	WG422986
1,2,3-Trichlorobenzene	mg/kg	0.0567	0.0527	113.		62-146	7.28	20	WG422986
1,2,3-Trichloropropane	mg/kg	0.0479	0.0462	96.0		70-133	3.63	20	WG422986
1,2,3-Trimethylbenzene	mg/kg	0.0500	0.0498	100.		73-126	0.407	20	WG422986
1,2,4-Trichlorobenzene	mg/kg	0.0549	0.0537	110.		61-148	2.20	20	WG422986
1,2,4-Trimethylbenzene	mg/kg	0.0548	0.0528	110.		68-135	3.64	20	WG422986
1,2-Dibromo-3-Chloropropane	mg/kg	0.0528	0.0498	106.		61-134	5.84	21	WG422986
1,2-Dibromoethane	mg/kg	0.0521	0.0499	104.		76-127	4.32	20	WG422986
1,2-Dichlorobenzene	mg/kg	0.0495	0.0470	99.0		77-123	5.25	20	WG422986
1,2-Dichloroethane	mg/kg	0.0515	0.0515	103.		58-141	0.127	20	WG422986
1,2-Dichloropropane	mg/kg	0.0513	0.0494	103.		71-128	3.79	20	WG422986
1,3,5-Trimethylbenzene	mg/kg	0.0553	0.0533	111.		71-133	3.62	20	WG422986
1,3-Dichlorobenzene	mg/kg	0.0517	0.0485	103.		71-132	6.32	20	WG422986
1,3-Dichloropropane	mg/kg	0.0513	0.0478	103.		76-120	7.08	20	WG422986
1,4-Dichlorobenzene	mg/kg	0.0504	0.0514	101.		72-123	1.99	20	WG422986
2,2-Dichloropropane	mg/kg	0.0539	0.0528	108.		50-147	2.20	20	WG422986
2-Butanone (MEK)	mg/kg	0.244	0.252	97.0		51-131	3.43	25	WG422986
2-Chloroethyl vinyl ether	mg/kg	0.271	0.236	108.		0-188	13.7	39	WG422986
2-Chlorotoluene	mg/kg	0.0547	0.0518	109.		73-128	5.43	20	WG422986
4-Chlorotoluene	mg/kg	0.0536	0.0504	107.		72-129	6.17	20	WG422986
4-Methyl-2-pentanone (MIBK)	mg/kg	0.278	0.278	111.		61-143	0.0393	23	WG422986
Acetone	mg/kg	0.262	0.263	105.		44-140	0.485	25	WG422986
Acrylonitrile	mg/kg	0.263	0.267	105.		55-143	1.56	20	WG422986
Benzene	mg/kg	0.0530	0.0522	106.		65-128	1.61	20	WG422986
Bromobenzene	mg/kg	0.0515	0.0484	103.		75-123	6.25	20	WG422986
Bromodichloromethane	mg/kg	0.0586	0.0569	117.		66-126	2.86	20	WG422986
Bromoform	mg/kg	0.0497	0.0465	99.0		64-139	6.76	20	WG422986
Bromomethane	mg/kg	0.0538	0.0512	108.		41-175	4.96	20	WG422986
Carbon tetrachloride	mg/kg	0.0546	0.0547	109.		60-140	0.116	20	WG422986
Chlorobenzene	mg/kg	0.0532	0.0498	106.		75-125	6.67	20	WG422986
Chlorodibromomethane	mg/kg	0.0548	0.0533	110.		72-137	2.83	20	WG422986
Chloroethane	mg/kg	0.0504	0.0496	101.		44-159	1.61	20	WG422986
Chloroform	mg/kg	0.0509	0.0504	102.		63-123	0.951	20	WG422986
Chloromethane	mg/kg	0.0470	0.0472	94.0		42-149	0.472	20	WG422986
cis-1,2-Dichloroethene	mg/kg	0.0544	0.0535	109.		71-129	1.58	20	WG422986
cis-1,3-Dichloropropene	mg/kg	0.0582	0.0552	116.		73-132	5.35	20	WG422986
Di-isopropyl ether	mg/kg	0.0535	0.0525	107.		59-143	1.91	20	WG422986
Dibromomethane	mg/kg	0.0515	0.0502	103.		70-130	2.67	20	WG422986
Dichlorodifluoromethane	mg/kg	0.0473	0.0468	95.0		26-186	1.17	22	WG422986
Ethylbenzene	mg/kg	0.0525	0.0498	105.		74-128	5.20	20	WG422986
Hexachloro-1,3-butadiene	mg/kg	0.0519	0.0498	104.		65-137	4.24	20	WG422986
Isopropylbenzene	mg/kg	0.0545	0.0528	109.		73-130	3.10	20	WG422986
Methyl tert-butyl ether	mg/kg	0.0528	0.0523	106.		44-148	0.921	20	WG422986
Methylene Chloride	mg/kg	0.0492	0.0477	98.0		57-129	2.96	20	WG422986
n-Butylbenzene	mg/kg	0.0546	0.0551	109.		60-145	0.940	20	WG422986
n-Propylbenzene	mg/kg	0.0530	0.0518	106.		71-132	2.37	20	WG422986
Naphthalene	mg/kg	0.0540	0.0547	108.		61-142	1.25	20	WG422986
p-Isopropyltoluene	mg/kg	0.0561	0.0512	112.		67-138	9.08	20	WG422986
sec-Butylbenzene	mg/kg	0.0548	0.0515	110.		71-134	6.19	20	WG422986
Styrene	mg/kg	0.0569	0.0546	114.		76-133	4.17	20	WG422986
tert-Butylbenzene	mg/kg	0.0550	0.0509	110.		72-132	7.61	20	WG422986
Tetrachloroethene	mg/kg	0.0500	0.0466	100.		65-135	6.96	20	WG422986

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Analyte	Units	Laboratory Control Sample Duplicate			Limit	RPD	Limit	Batch
		Result	Ref	%Rec				
Toluene	mg/kg	0.0522	0.0507	104.	70-120	2.87	20	WG422986
trans-1,2-Dichloroethene	mg/kg	0.0497	0.0492	99.0	61-133	1.02	20	WG422986
trans-1,3-Dichloropropene	mg/kg	0.0571	0.0561	114.	70-135	1.63	20	WG422986
Trichloroethene	mg/kg	0.0529	0.0500	106.	71-126	5.63	20	WG422986
Trichlorofluoromethane	mg/kg	0.0551	0.0555	110.	52-147	0.769	20	WG422986
Vinyl chloride	mg/kg	0.0484	0.0480	97.0	50-151	0.918	20	WG422986
4-Bromofluorobenzene				104.7	59-140			WG422986
Dibromofluoromethane				100.2	63-139			WG422986
Toluene-d8				97.92	84-116			WG422986
a,a,a-Trifluorotoluene				100.2	80-118			WG422986

Analyte	Units	Matrix Spike			% Rec	Limit	Ref Samp	Batch
		MS Res	Ref Res	TV				
1,1,1,2-Tetrachloroethane	mg/kg	0.0422	0.00	.05	84.5	29-145	L403242-12	WG422492
1,1,1-Trichloroethane	mg/kg	0.0494	0.00	.05	98.8	23-147	L403242-12	WG422492
1,1,2,2-Tetrachloroethane	mg/kg	0.0344	0.00	.05	68.8	18-150	L403242-12	WG422492
1,1,2-Trichloroethane	mg/kg	0.0394	0.00	.05	78.8	35-140	L403242-12	WG422492
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0406	0.00	.05	81.2	10-145	L403242-12	WG422492
1,1-Dichloroethane	mg/kg	0.0507	0.00	.05	101.	24-148	L403242-12	WG422492
1,1-Dichloroethene	mg/kg	0.0371	0.00	.05	74.2	10-149	L403242-12	WG422492
1,1-Dichloropropene	mg/kg	0.0430	0.00	.05	86.0	10-141	L403242-12	WG422492
1,2,3-Trichlorobenzene	mg/kg	0.0120	0.00	.05	24.1	10-129	L403242-12	WG422492
1,2,3-Trichloropropane	mg/kg	0.0342	0.00	.05	68.4	30-148	L403242-12	WG422492
1,2,3-Trimethylbenzene	mg/kg	0.0428	0.00	.05	85.6	10-137	L403242-12	WG422492
1,2,4-Trichlorobenzene	mg/kg	0.0148	0.00	.05	29.6	10-119	L403242-12	WG422492
1,2,4-Trimethylbenzene	mg/kg	0.0286	0.00	.05	57.1	10-145	L403242-12	WG422492
1,2-Dibromo-3-Chloropropane	mg/kg	0.0419	0.00	.05	83.7	19-145	L403242-12	WG422492
1,2-Dibromoethane	mg/kg	0.0367	0.00	.05	73.4	24-145	L403242-12	WG422492
1,2-Dichlorobenzene	mg/kg	0.0317	0.00	.05	63.4	12-130	L403242-12	WG422492
1,2-Dichloroethane	mg/kg	0.0509	0.00	.05	102.	21-155	L403242-12	WG422492
1,2-Dichloropropane	mg/kg	0.0468	0.00	.05	93.5	28-144	L403242-12	WG422492
1,3,5-Trimethylbenzene	mg/kg	0.0300	0.00	.05	60.0	10-135	L403242-12	WG422492
1,3-Dichlorobenzene	mg/kg	0.0215	0.00	.05	42.9	10-129	L403242-12	WG422492
1,3-Dichloropropane	mg/kg	0.0410	0.00	.05	82.0	31-137	L403242-12	WG422492
1,4-Dichlorobenzene	mg/kg	0.0315	0.00	.05	63.1	10-121	L403242-12	WG422492
2,2-Dichloropropane	mg/kg	0.0498	0.00	.05	99.7	18-144	L403242-12	WG422492
2-Butanone (MEK)	mg/kg	0.215	0.00	.25	86.0	21-143	L403242-12	WG422492
2-Chloroethyl vinyl ether	mg/kg	0.0627	0.00	.25	25.1	0-176	L403242-12	WG422492
2-Chlorotoluene	mg/kg	0.0301	0.00	.05	60.2	10-132	L403242-12	WG422492
4-Chlorotoluene	mg/kg	0.0258	0.00	.05	51.7	10-129	L403242-12	WG422492
4-Methyl-2-pentanone (MIBK)	mg/kg	0.234	0.00	.25	93.5	31-151	L403242-12	WG422492
Acetone	mg/kg	0.242	0.0930	.25	59.7	13-158	L403242-12	WG422492
Acrylonitrile	mg/kg	0.232	0.00	.25	92.7	20-154	L403242-12	WG422492
Benzene	mg/kg	0.0437	0.00	.05	87.3	16-143	L403242-12	WG422492
Bromobenzene	mg/kg	0.0272	0.00	.05	54.5	14-135	L403242-12	WG422492
Bromodichloromethane	mg/kg	0.0429	0.00	.05	85.9	27-139	L403242-12	WG422492
Bromoform	mg/kg	0.0332	0.00	.05	66.4	21-144	L403242-12	WG422492
Bromomethane	mg/kg	0.0307	0.00	.05	61.4	0-180	L403242-12	WG422492
Carbon tetrachloride	mg/kg	0.0442	0.00	.05	88.4	12-149	L403242-12	WG422492
Chlorobenzene	mg/kg	0.0322	0.00	.05	64.5	17-134	L403242-12	WG422492
Chlorodibromomethane	mg/kg	0.0383	0.00	.05	76.7	28-147	L403242-12	WG422492
Chloroethane	mg/kg	0.0434	0.00	.05	86.7	0-172	L403242-12	WG422492
Chloroform	mg/kg	0.0506	0.00	.05	101.	28-138	L403242-12	WG422492
Chloromethane	mg/kg	0.0413	0.00	.05	82.7	10-158	L403242-12	WG422492
cis-1,2-Dichloroethene	mg/kg	0.0423	0.00	.05	84.7	21-147	L403242-12	WG422492
cis-1,3-Dichloropropene	mg/kg	0.0412	0.00	.05	82.4	17-145	L403242-12	WG422492
Di-isopropyl ether	mg/kg	0.0511	0.00	.05	102.	31-153	L403242-12	WG422492
Dibromomethane	mg/kg	0.0415	0.00	.05	83.1	24-147	L403242-12	WG422492

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21905 64th Ave W Ste 100

Quality Assurance Report Level II

Mountlake Terrace, WA 98043

May 25, 2009

L403242

Analyte	Units	Matrix Spike			% Rec	Limit	Ref Samp	Batch
		MS Res	Ref Res	TV				
Dichlorodifluoromethane	mg/kg	0.0402	0.00	.05	80.4	0-192	L403242-12	WG422492
Ethylbenzene	mg/kg	0.0371	0.00	.05	74.2	12-137	L403242-12	WG422492
Hexachloro-1,3-butadiene	mg/kg	0.0156	0.00	.05	31.1	10-123	L403242-12	WG422492
Isopropylbenzene	mg/kg	0.0347	0.00	.05	69.4	14-134	L403242-12	WG422492
Methyl tert-butyl ether	mg/kg	0.0481	0.00	.05	96.1	21-157	L403242-12	WG422492
Methylene Chloride	mg/kg	0.0417	0.00	.05	83.4	12-149	L403242-12	WG422492
n-Butylbenzene	mg/kg	0.0301	0.00	.05	60.1	10-130	L403242-12	WG422492
n-Propylbenzene	mg/kg	0.0299	0.00	.05	59.8	10-130	L403242-12	WG422492
Naphthalene	mg/kg	0.0160	0.00	.05	32.0	0-146	L403242-12	WG422492
p-Isopropyltoluene	mg/kg	0.0243	0.00	.05	48.5	10-131	L403242-12	WG422492
sec-Butylbenzene	mg/kg	0.0263	0.00	.05	52.6	10-134	L403242-12	WG422492
Styrene	mg/kg	0.0278	0.00	.05	55.5	10-140	L403242-12	WG422492
tert-Butylbenzene	mg/kg	0.0300	0.00	.05	60.0	11-137	L403242-12	WG422492
Tetrachloroethene	mg/kg	0.136	0.140	.05	0.00*	10-131	L403242-12	WG422492
Toluene	mg/kg	0.0401	0.00	.05	80.2	12-136	L403242-12	WG422492
trans-1,2-Dichloroethene	mg/kg	0.0381	0.00	.05	76.1	10-143	L403242-12	WG422492
trans-1,3-Dichloropropene	mg/kg	0.0374	0.00	.05	74.9	16-147	L403242-12	WG422492
Trichloroethene	mg/kg	0.0423	0.00880	.05	67.0	10-155	L403242-12	WG422492
Trichlorofluoromethane	mg/kg	0.0455	0.00	.05	91.0	10-154	L403242-12	WG422492
Vinyl chloride	mg/kg	0.0457	0.00	.05	91.3	10-159	L403242-12	WG422492
4-Bromofluorobenzene					77.50	59-140		WG422492
Dibromofluoromethane					101.8	63-139		WG422492
Toluene-d8					101.9	84-116		WG422492
a,a,a-Trifluorotoluene					95.89	80-118		WG422492
1,1,1,2-Tetrachloroethane	mg/kg	0.0462	0.00	.05	92.4	29-145	L403242-13	WG422504
1,1,1-Trichloroethane	mg/kg	0.0479	0.00	.05	95.9	23-147	L403242-13	WG422504
1,1,2,2-Tetrachloroethane	mg/kg	0.0528	0.00	.05	106.	18-150	L403242-13	WG422504
1,1,2-Trichloroethane	mg/kg	0.0455	0.00	.05	90.9	35-140	L403242-13	WG422504
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0577	0.00	.05	115.	10-145	L403242-13	WG422504
1,1-Dichloroethane	mg/kg	0.0493	0.00	.05	98.7	24-148	L403242-13	WG422504
1,1-Dichloroethene	mg/kg	0.0545	0.00	.05	109.	10-149	L403242-13	WG422504
1,1-Dichloropropene	mg/kg	0.0460	0.00	.05	92.1	10-141	L403242-13	WG422504
1,2,3-Trichlorobenzene	mg/kg	0.0464	0.00	.05	92.7	10-129	L403242-13	WG422504
1,2,3-Trichloropropane	mg/kg	0.0481	0.00	.05	96.2	30-148	L403242-13	WG422504
1,2,3-Trimethylbenzene	mg/kg	0.0470	0.00	.05	94.1	10-137	L403242-13	WG422504
1,2,4-Trichlorobenzene	mg/kg	0.0469	0.00	.05	93.8	10-119	L403242-13	WG422504
1,2,4-Trimethylbenzene	mg/kg	0.0450	0.00	.05	90.0	10-145	L403242-13	WG422504
1,2-Dibromo-3-Chloropropane	mg/kg	0.0580	0.00	.05	116.	19-145	L403242-13	WG422504
1,2-Dibromoethane	mg/kg	0.0449	0.00	.05	89.9	24-145	L403242-13	WG422504
1,2-Dichlorobenzene	mg/kg	0.0465	0.00	.05	93.0	12-130	L403242-13	WG422504
1,2-Dichloroethane	mg/kg	0.0503	0.00	.05	101.	21-155	L403242-13	WG422504
1,2-Dichloropropane	mg/kg	0.0481	0.00	.05	96.1	28-144	L403242-13	WG422504
1,3,5-Trimethylbenzene	mg/kg	0.0456	0.00	.05	91.1	10-135	L403242-13	WG422504
1,3-Dichlorobenzene	mg/kg	0.0422	0.00	.05	84.5	10-129	L403242-13	WG422504
1,3-Dichloropropane	mg/kg	0.0472	0.00	.05	94.4	31-137	L403242-13	WG422504
1,4-Dichlorobenzene	mg/kg	0.0451	0.00	.05	90.3	10-121	L403242-13	WG422504
2,2-Dichloropropane	mg/kg	0.0497	0.00	.05	99.3	18-144	L403242-13	WG422504
2-Butanone (MEK)	mg/kg	0.286	0.00	.25	114.	21-143	L403242-13	WG422504
2-Chloroethyl vinyl ether	mg/kg	0.211	0.00	.25	84.2	0-176	L403242-13	WG422504
2-Chlorotoluene	mg/kg	0.0460	0.00	.05	92.0	10-132	L403242-13	WG422504
4-Chlorotoluene	mg/kg	0.0442	0.00	.05	88.3	10-129	L403242-13	WG422504
4-Methyl-2-pentanone (MIBK)	mg/kg	0.318	0.00	.25	127.	31-151	L403242-13	WG422504
Acetone	mg/kg	0.307	0.00	.25	123.	13-158	L403242-13	WG422504
Acrylonitrile	mg/kg	0.306	0.00	.25	123.	20-154	L403242-13	WG422504
Benzene	mg/kg	0.0489	0.00	.05	97.7	16-143	L403242-13	WG422504
Bromobenzene	mg/kg	0.0445	0.00	.05	88.9	14-135	L403242-13	WG422504
Bromodichloromethane	mg/kg	0.0527	0.00	.05	105.	27-139	L403242-13	WG422504

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Quality Assurance Report Level II

Mountlake Terrace, WA 98043

May 25, 2009

L403242

Analyte	Units	MS Res	Matrix Spike		TV	% Rec	Limit	Ref Samp	Batch
			Ref	Res					
Bromoform	mg/kg	0.0421	0.00	.05	84.1	21-144	L403242-13	WG422504	
Bromomethane	mg/kg	0.0547	0.00	.05	109.	0-180	L403242-13	WG422504	
Carbon tetrachloride	mg/kg	0.0459	0.00	.05	91.7	12-149	L403242-13	WG422504	
Chlorobenzene	mg/kg	0.0437	0.00	.05	87.3	17-134	L403242-13	WG422504	
Chlorodibromomethane	mg/kg	0.0477	0.00	.05	95.4	28-147	L403242-13	WG422504	
Chloroethane	mg/kg	0.0531	0.00	.05	106.	0-172	L403242-13	WG422504	
Chloroform	mg/kg	0.0479	0.00	.05	95.8	28-138	L403242-13	WG422504	
Chloromethane	mg/kg	0.0456	0.00	.05	91.1	10-158	L403242-13	WG422504	
cis-1,2-Dichloroethene	mg/kg	0.0487	0.00	.05	97.5	21-147	L403242-13	WG422504	
cis-1,3-Dichloropropene	mg/kg	0.0508	0.00	.05	102.	17-145	L403242-13	WG422504	
Di-isopropyl ether	mg/kg	0.0533	0.00	.05	107.	31-153	L403242-13	WG422504	
Dibromomethane	mg/kg	0.0483	0.00	.05	96.6	24-147	L403242-13	WG422504	
Dichlorodifluoromethane	mg/kg	0.0441	0.00	.05	88.2	0-192	L403242-13	WG422504	
Ethylbenzene	mg/kg	0.0444	0.00	.05	88.7	12-137	L403242-13	WG422504	
Hexachloro-1,3-butadiene	mg/kg	0.0438	0.00	.05	87.5	10-123	L403242-13	WG422504	
Isopropylbenzene	mg/kg	0.0458	0.00	.05	91.6	14-134	L403242-13	WG422504	
Methyl tert-butyl ether	mg/kg	0.0543	0.00	.05	109.	21-157	L403242-13	WG422504	
Methylene Chloride	mg/kg	0.0432	0.00	.05	86.5	12-149	L403242-13	WG422504	
n-Butylbenzene	mg/kg	0.0504	0.00	.05	101.	10-130	L403242-13	WG422504	
n-Propylbenzene	mg/kg	0.0453	0.00	.05	90.6	10-130	L403242-13	WG422504	
Naphthalene	mg/kg	0.0524	0.00	.05	105.	0-146	L403242-13	WG422504	
p-Isopropyltoluene	mg/kg	0.0461	0.00	.05	92.1	10-131	L403242-13	WG422504	
sec-Butylbenzene	mg/kg	0.0461	0.00	.05	92.2	10-134	L403242-13	WG422504	
Styrene	mg/kg	0.0457	0.00	.05	91.5	10-140	L403242-13	WG422504	
tert-Butylbenzene	mg/kg	0.0459	0.00	.05	91.7	11-137	L403242-13	WG422504	
Tetrachloroethene	mg/kg	0.0409	0.00	.05	81.8	10-131	L403242-13	WG422504	
Toluene	mg/kg	0.0456	0.00	.05	91.2	12-136	L403242-13	WG422504	
trans-1,2-Dichloroethene	mg/kg	0.0405	0.00	.05	80.9	10-143	L403242-13	WG422504	
trans-1,3-Dichloropropene	mg/kg	0.0527	0.00	.05	105.	16-147	L403242-13	WG422504	
Trichloroethene	mg/kg	0.0421	0.00	.05	84.3	10-155	L403242-13	WG422504	
Trichlorofluoromethane	mg/kg	0.0570	0.00	.05	114.	10-154	L403242-13	WG422504	
Vinyl chloride	mg/kg	0.0450	0.00	.05	90.0	10-159	L403242-13	WG422504	
4-Bromofluorobenzene					99.85	59-140		WG422504	
Dibromofluoromethane					107.5	63-139		WG422504	
Toluene-d8					100.9	84-116		WG422504	
a,a,a-Trifluorotoluene					96.13	80-118		WG422504	
1,1,1,2-Tetrachloroethane	mg/kg	0.239	0.00	.05	95.6	29-145	L403603-05	WG422986	
1,1,1-Trichloroethane	mg/kg	0.263	0.00	.05	105.	23-147	L403603-05	WG422986	
1,1,2,2-Tetrachloroethane	mg/kg	0.255	0.00	.05	102.	18-150	L403603-05	WG422986	
1,1,2-Trichloroethane	mg/kg	0.240	0.00	.05	95.9	35-140	L403603-05	WG422986	
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.246	0.00	.05	98.3	10-145	L403603-05	WG422986	
1,1-Dichloroethane	mg/kg	0.251	0.00	.05	101.	24-148	L403603-05	WG422986	
1,1-Dichloroethene	mg/kg	0.289	0.00	.05	115.	10-149	L403603-05	WG422986	
1,1-Dichloropropene	mg/kg	0.258	0.00	.05	103.	10-141	L403603-05	WG422986	
1,2,3-Trichlorobenzene	mg/kg	0.223	0.00	.05	89.3	10-129	L403603-05	WG422986	
1,2,3-Trichloropropane	mg/kg	0.252	0.00	.05	101.	30-148	L403603-05	WG422986	
1,2,3-Trimethylbenzene	mg/kg	0.246	0.00	.05	98.5	10-137	L403603-05	WG422986	
1,2,4-Trichlorobenzene	mg/kg	0.234	0.00	.05	93.5	10-119	L403603-05	WG422986	
1,2,4-Trimethylbenzene	mg/kg	0.231	0.00	.05	92.5	10-145	L403603-05	WG422986	
1,2-Dibromo-3-Chloropropane	mg/kg	0.288	0.00	.05	115.	19-145	L403603-05	WG422986	
1,2-Dibromoethane	mg/kg	0.259	0.00	.05	104.	24-145	L403603-05	WG422986	
1,2-Dichlorobenzene	mg/kg	0.231	0.00	.05	92.6	12-130	L403603-05	WG422986	
1,2-Dichloroethane	mg/kg	0.270	0.00	.05	108.	21-155	L403603-05	WG422986	
1,2-Dichloropropane	mg/kg	0.250	0.00	.05	100.	28-144	L403603-05	WG422986	
1,3,5-Trimethylbenzene	mg/kg	0.246	0.00	.05	98.5	10-135	L403603-05	WG422986	
1,3-Dichlorobenzene	mg/kg	0.232	0.00	.05	93.0	10-129	L403603-05	WG422986	
1,3-Dichloropropane	mg/kg	0.241	0.00	.05	96.6	31-137	L403603-05	WG422986	

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Analyte	Units	MS Res	Matrix Spike		% Rec	Limit	Ref Samp	Batch
			Ref Res	TV				
1,4-Dichlorobenzene	mg/kg	0.225	0.00	.05	90.0	10-121	L403603-05	WG422986
2,2-Dichloropropane	mg/kg	0.262	0.00	.05	105.	18-144	L403603-05	WG422986
2-Butanone (MEK)	mg/kg	1.46	0.00	.25	117.	21-143	L403603-05	WG422986
2-Chloroethyl vinyl ether	mg/kg	1.26	0.00	.25	101.	0-176	L403603-05	WG422986
2-Chlorotoluene	mg/kg	0.240	0.00	.05	96.1	10-132	L403603-05	WG422986
4-Chlorotoluene	mg/kg	0.234	0.00	.05	93.7	10-129	L403603-05	WG422986
4-Methyl-2-pentanone (MIBK)	mg/kg	1.67	0.00	.25	133.	31-151	L403603-05	WG422986
Acetone	mg/kg	1.62	0.00	.25	130.	13-158	L403603-05	WG422986
Acrylonitrile	mg/kg	1.56	0.00	.25	125.	20-154	L403603-05	WG422986
Benzene	mg/kg	0.260	0.00	.05	104.	16-143	L403603-05	WG422986
Bromobenzene	mg/kg	0.227	0.00	.05	90.8	14-135	L403603-05	WG422986
Bromodichloromethane	mg/kg	0.286	0.00	.05	114.	27-139	L403603-05	WG422986
Bromoform	mg/kg	0.239	0.00	.05	95.4	21-144	L403603-05	WG422986
Bromomethane	mg/kg	0.266	0.00	.05	106.	0-180	L403603-05	WG422986
Carbon tetrachloride	mg/kg	0.267	0.00	.05	107.	12-149	L403603-05	WG422986
Chlorobenzene	mg/kg	0.233	0.00	.05	93.0	17-134	L403603-05	WG422986
Chlorodibromomethane	mg/kg	0.259	0.00	.05	104.	28-147	L403603-05	WG422986
Chloroethane	mg/kg	0.256	0.00	.05	103.	0-172	L403603-05	WG422986
Chloroform	mg/kg	0.248	0.00	.05	99.2	28-138	L403603-05	WG422986
Chloromethane	mg/kg	0.250	0.00	.05	100.	10-158	L403603-05	WG422986
cis-1,2-Dichloroethene	mg/kg	0.265	0.00	.05	106.	21-147	L403603-05	WG422986
cis-1,3-Dichloropropene	mg/kg	0.283	0.00	.05	113.	17-145	L403603-05	WG422986
Di-isopropyl ether	mg/kg	0.266	0.00	.05	106.	31-153	L403603-05	WG422986
Dibromomethane	mg/kg	0.269	0.00	.05	108.	24-147	L403603-05	WG422986
Dichlorodifluoromethane	mg/kg	0.261	0.00	.05	104.	0-192	L403603-05	WG422986
Ethylbenzene	mg/kg	0.240	0.00	.05	96.0	12-137	L403603-05	WG422986
Hexachloro-1,3-butadiene	mg/kg	0.216	0.00	.05	86.3	10-123	L403603-05	WG422986
Isopropylbenzene	mg/kg	0.241	0.00	.05	96.4	14-134	L403603-05	WG422986
Methyl tert-butyl ether	mg/kg	0.278	0.00	.05	111.	21-157	L403603-05	WG422986
Methylene Chloride	mg/kg	0.247	0.00	.05	98.9	12-149	L403603-05	WG422986
n-Butylbenzene	mg/kg	0.248	0.00	.05	99.2	10-130	L403603-05	WG422986
n-Propylbenzene	mg/kg	0.238	0.00	.05	95.0	10-130	L403603-05	WG422986
Naphthalene	mg/kg	0.261	0.00	.05	105.	0-146	L403603-05	WG422986
p-Isopropyltoluene	mg/kg	0.241	0.00	.05	96.3	10-131	L403603-05	WG422986
sec-Butylbenzene	mg/kg	0.238	0.00	.05	95.3	10-134	L403603-05	WG422986
Styrene	mg/kg	0.251	0.00	.05	100.	10-140	L403603-05	WG422986
tert-Butylbenzene	mg/kg	0.240	0.00	.05	95.8	11-137	L403603-05	WG422986
Tetrachloroethene	mg/kg	0.231	0.00	.05	92.3	10-131	L403603-05	WG422986
Toluene	mg/kg	0.259	0.00	.05	104.	12-136	L403603-05	WG422986
trans-1,2-Dichloroethene	mg/kg	0.250	0.00	.05	100.	10-143	L403603-05	WG422986
trans-1,3-Dichloropropene	mg/kg	0.291	0.00	.05	116.	16-147	L403603-05	WG422986
Trichloroethene	mg/kg	0.250	0.00	.05	100.	10-155	L403603-05	WG422986
Trichlorofluoromethane	mg/kg	0.284	0.00	.05	114.	10-154	L403603-05	WG422986
Vinyl chloride	mg/kg	0.253	0.00	.05	101.	10-159	L403603-05	WG422986
4-Bromofluorobenzene					101.9	59-140		WG422986
Dibromofluoromethane					103.8	63-139		WG422986
Toluene-d8					101.0	84-116		WG422986
a,a,a-Trifluorotoluene					101.0	80-118		WG422986

Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit	Ref Samp	Batch
			Ref	%Rec					
1,1,1,2-Tetrachloroethane	mg/kg	0.0346	0.0422	69.2	29-145	19.8	31	L403242-12	WG422492
1,1,1-Trichloroethane	mg/kg	0.0427	0.0494	85.4	23-147	14.6	32	L403242-12	WG422492
1,1,2,2-Tetrachloroethane	mg/kg	0.0287	0.0344	57.3	18-150	18.3	33	L403242-12	WG422492
1,1,2-Trichloroethane	mg/kg	0.0325	0.0394	65.1	35-140	19.0	29	L403242-12	WG422492
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0339	0.0406	67.7	10-145	18.0	35	L403242-12	WG422492
1,1-Dichloroethane	mg/kg	0.0432	0.0507	86.3	24-148	16.0	31	L403242-12	WG422492
1,1-Dichloroethene	mg/kg	0.0313	0.0371	62.7	10-149	16.8	34	L403242-12	WG422492

* Performance of this Analyte is outside of established criteria.

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Est. 1970

Terracon- Lynnwood, WA
Mr. Jon Einarsen
21905 64th Ave W Ste 100

Quality Assurance Report Level II

Mountlake Terrace, WA 98043

May 25, 2009

L403242

Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit	Ref	Samp	Batch
			Ref	%Rec						
1,1-Dichloropropene	mg/kg	0.0371	0.0430	74.2	10-141	14.7	34	L403242-12		WG422492
1,2,3-Trichlorobenzene	mg/kg	0.0107	0.0120	21.4	10-129	11.8	43	L403242-12		WG422492
1,2,3-Trichloropropane	mg/kg	0.0287	0.0342	57.4	30-148	17.5	32	L403242-12		WG422492
1,2,3-Trimethylbenzene	mg/kg	0.0358	0.0428	71.5	10-137	18.0	36	L403242-12		WG422492
1,2,4-Trichlorobenzene	mg/kg	0.0122	0.0148	24.4	10-119	19.2	44	L403242-12		WG422492
1,2,4-Trimethylbenzene	mg/kg	0.0229	0.0286	45.9	10-145	21.9	41	L403242-12		WG422492
1,2-Dibromo-3-Chloropropane	mg/kg	0.0372	0.0419	74.5	19-145	11.7	35	L403242-12		WG422492
1,2-Dibromoethane	mg/kg	0.0320	0.0367	64.0	24-145	13.6	31	L403242-12		WG422492
1,2-Dichlorobenzene	mg/kg	0.0266	0.0317	53.2	12-130	17.4	35	L403242-12		WG422492
1,2-Dichloroethane	mg/kg	0.0430	0.0509	86.0	21-155	16.9	29	L403242-12		WG422492
1,2-Dichloropropane	mg/kg	0.0388	0.0468	77.6	28-144	18.6	30	L403242-12		WG422492
1,3,5-Trimethylbenzene	mg/kg	0.0245	0.0300	49.0	10-135	20.2	39	L403242-12		WG422492
1,3-Dichlorobenzene	mg/kg	0.0170	0.0215	33.9	10-129	23.4	38	L403242-12		WG422492
1,3-Dichloropropane	mg/kg	0.0341	0.0410	68.1	31-137	18.5	29	L403242-12		WG422492
1,4-Dichlorobenzene	mg/kg	0.0263	0.0315	52.6	10-121	18.1	36	L403242-12		WG422492
2,2-Dichloropropane	mg/kg	0.0419	0.0498	83.7	18-144	17.4	32	L403242-12		WG422492
2-Butanone (MEK)	mg/kg	0.193	0.215	77.1	21-143	10.9	37	L403242-12		WG422492
2-Chloroethyl vinyl ether	mg/kg	0.0498	0.0627	19.9	0-176	23.0	50	L403242-12		WG422492
2-Chlorotoluene	mg/kg	0.0241	0.0301	48.3	10-132	22.0	37	L403242-12		WG422492
4-Chlorotoluene	mg/kg	0.0209	0.0258	41.7	10-129	21.4	38	L403242-12		WG422492
4-Methyl-2-pentanone (MIBK)	mg/kg	0.199	0.234	79.5	31-151	16.2	36	L403242-12		WG422492
Acetone	mg/kg	0.218	0.242	50.1	13-158	10.4	34	L403242-12		WG422492
Acrylonitrile	mg/kg	0.207	0.232	82.6	20-154	11.6	35	L403242-12		WG422492
Benzene	mg/kg	0.0373	0.0437	74.6	16-143	15.7	31	L403242-12		WG422492
Bromobenzene	mg/kg	0.0223	0.0272	44.5	14-135	20.1	39	L403242-12		WG422492
Bromodichloromethane	mg/kg	0.0359	0.0429	71.8	27-139	17.9	30	L403242-12		WG422492
Bromoform	mg/kg	0.0276	0.0332	55.2	21-144	18.4	34	L403242-12		WG422492
Bromomethane	mg/kg	0.0269	0.0307	53.9	0-180	12.9	41	L403242-12		WG422492
Carbon tetrachloride	mg/kg	0.0418	0.0442	83.6	12-149	5.63	34	L403242-12		WG422492
Chlorobenzene	mg/kg	0.0262	0.0322	52.4	17-134	20.6	34	L403242-12		WG422492
Chlorodibromomethane	mg/kg	0.0315	0.0383	63.0	28-147	19.7	32	L403242-12		WG422492
Chloroethane	mg/kg	0.0369	0.0434	73.7	0-172	16.2	38	L403242-12		WG422492
Chloroform	mg/kg	0.0432	0.0506	86.4	28-138	15.7	30	L403242-12		WG422492
Chloromethane	mg/kg	0.0363	0.0413	72.7	10-158	12.9	35	L403242-12		WG422492
cis-1,2-Dichloroethene	mg/kg	0.0368	0.0423	73.7	21-147	13.9	31	L403242-12		WG422492
cis-1,3-Dichloropropene	mg/kg	0.0351	0.0412	70.2	17-145	16.0	32	L403242-12		WG422492
Di-isopropyl ether	mg/kg	0.0438	0.0511	87.5	31-153	15.5	29	L403242-12		WG422492
Dibromomethane	mg/kg	0.0357	0.0415	71.5	24-147	15.0	30	L403242-12		WG422492
Dichlorodifluoromethane	mg/kg	0.0338	0.0402	67.6	0-192	17.3	38	L403242-12		WG422492
Ethylbenzene	mg/kg	0.0297	0.0371	59.3	12-137	22.3	36	L403242-12		WG422492
Hexachloro-1,3-butadiene	mg/kg	0.0128	0.0156	25.7	10-123	19.2	50	L403242-12		WG422492
Isopropylbenzene	mg/kg	0.0281	0.0347	56.1	14-134	21.2	37	L403242-12		WG422492
Methyl tert-butyl ether	mg/kg	0.0416	0.0481	83.1	21-157	14.5	31	L403242-12		WG422492
Methylene Chloride	mg/kg	0.0367	0.0417	73.3	12-149	12.8	31	L403242-12		WG422492
n-Butylbenzene	mg/kg	0.0241	0.0301	48.1	10-130	22.1	48	L403242-12		WG422492
n-Propylbenzene	mg/kg	0.0241	0.0299	48.2	10-130	21.4	40	L403242-12		WG422492
Naphthalene	mg/kg	0.0134	0.0160	26.9	0-146	17.6	43	L403242-12		WG422492
p-Isopropyltoluene	mg/kg	0.0194	0.0243	38.8	10-131	22.2	43	L403242-12		WG422492
sec-Butylbenzene	mg/kg	0.0210	0.0263	42.0	10-134	22.3	43	L403242-12		WG422492
Styrene	mg/kg	0.0230	0.0278	45.9	10-140	18.9	35	L403242-12		WG422492
tert-Butylbenzene	mg/kg	0.0243	0.0300	48.7	11-137	20.9	39	L403242-12		WG422492
Tetrachloroethene	mg/kg	0.126	0.136	0*	10-131	7.90	35	L403242-12		WG422492
Toluene	mg/kg	0.0334	0.0401	66.8	12-136	18.3	32	L403242-12		WG422492
trans-1,2-Dichloroethene	mg/kg	0.0330	0.0381	66.0	10-143	14.3	33	L403242-12		WG422492
trans-1,3-Dichloropropene	mg/kg	0.0329	0.0374	65.8	16-147	12.9	32	L403242-12		WG422492
Trichloroethene	mg/kg	0.0358	0.0423	54.0	10-155	16.6	33	L403242-12		WG422492
Trichlorofluoromethane	mg/kg	0.0386	0.0455	77.3	10-154	16.3	32	L403242-12		WG422492
Vinyl chloride	mg/kg	0.0391	0.0457	78.1	10-159	15.6	36	L403242-12		WG422492
4-Bromofluorobenzene				76.66	59-140					WG422492

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Quality Assurance Report Level II

Mountlake Terrace, WA 98043

May 25, 2009

L403242

Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit	Ref	Samp	Batch
			Ref	%Rec						
Dibromofluoromethane				101.7	63-139					
Toluene-d8				101.0	84-116					
a,a,a-Trifluorotoluene				95.87	80-118					
1,1,1,2-Tetrachloroethane	mg/kg	0.0417	0.0462	83.5	29-145	10.1	31	L403242-13		WG422504
1,1,1-Trichloroethane	mg/kg	0.0464	0.0479	92.8	23-147	3.19	32	L403242-13		WG422504
1,1,2,2-Tetrachloroethane	mg/kg	0.0462	0.0528	92.5	18-150	13.2	33	L403242-13		WG422504
1,1,2-Trichloroethane	mg/kg	0.0406	0.0455	81.2	35-140	11.3	29	L403242-13		WG422504
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0540	0.0577	108.	10-145	6.74	35	L403242-13		WG422504
1,1-Dichloroethane	mg/kg	0.0475	0.0493	94.9	24-148	3.86	31	L403242-13		WG422504
1,1-Dichloroethene	mg/kg	0.0512	0.0545	102.	10-149	6.31	34	L403242-13		WG422504
1,1-Dichloropropene	mg/kg	0.0440	0.0460	87.9	10-141	4.59	34	L403242-13		WG422504
1,2,3-Trichlorobenzene	mg/kg	0.0400	0.0464	80.0	10-129	14.7	43	L403242-13		WG422504
1,2,3-Trichloropropane	mg/kg	0.0432	0.0481	86.4	30-148	10.7	32	L403242-13		WG422504
1,2,3-Trimethylbenzene	mg/kg	0.0434	0.0470	86.7	10-137	8.16	36	L403242-13		WG422504
1,2,4-Trichlorobenzene	mg/kg	0.0402	0.0469	80.4	10-119	15.4	44	L403242-13		WG422504
1,2,4-Trimethylbenzene	mg/kg	0.0411	0.0450	82.3	10-145	8.95	41	L403242-13		WG422504
1,2-Dibromo-3-Chloropropane	mg/kg	0.0461	0.0580	92.2	19-145	22.9	35	L403242-13		WG422504
1,2-Dibromoethane	mg/kg	0.0404	0.0449	80.9	24-145	10.5	31	L403242-13		WG422504
1,2-Dichlorobenzene	mg/kg	0.0418	0.0465	83.6	12-130	10.6	35	L403242-13		WG422504
1,2-Dichloroethane	mg/kg	0.0471	0.0503	94.3	21-155	6.43	29	L403242-13		WG422504
1,2-Dichloropropane	mg/kg	0.0451	0.0481	90.2	28-144	6.39	30	L403242-13		WG422504
1,3,5-Trimethylbenzene	mg/kg	0.0419	0.0456	83.8	10-135	8.40	39	L403242-13		WG422504
1,3-Dichlorobenzene	mg/kg	0.0384	0.0422	76.7	10-129	9.59	38	L403242-13		WG422504
1,3-Dichloropropane	mg/kg	0.0423	0.0472	84.6	31-137	10.9	29	L403242-13		WG422504
1,4-Dichlorobenzene	mg/kg	0.0407	0.0451	81.5	10-121	10.3	36	L403242-13		WG422504
2,2-Dichloropropane	mg/kg	0.0469	0.0497	93.9	18-144	5.64	32	L403242-13		WG422504
2-Butanone (MEK)	mg/kg	0.243	0.286	97.1	21-143	16.3	37	L403242-13		WG422504
2-Chloroethyl vinyl ether	mg/kg	0.338	0.211	135.	0-176	46.5	50	L403242-13		WG422504
2-Chlorotoluene	mg/kg	0.0417	0.0460	83.5	10-132	9.70	37	L403242-13		WG422504
4-Chlorotoluene	mg/kg	0.0401	0.0442	80.2	10-129	9.69	38	L403242-13		WG422504
4-Methyl-2-pentanone (MIBK)	mg/kg	0.272	0.318	109.	31-151	15.8	36	L403242-13		WG422504
Acetone	mg/kg	0.258	0.307	103.	13-158	17.3	34	L403242-13		WG422504
Acrylonitrile	mg/kg	0.267	0.306	107.	20-154	13.9	35	L403242-13		WG422504
Benzene	mg/kg	0.0462	0.0489	92.4	16-143	5.58	31	L403242-13		WG422504
Bromobenzene	mg/kg	0.0401	0.0445	80.3	14-135	10.3	39	L403242-13		WG422504
Bromodichloromethane	mg/kg	0.0512	0.0527	102.	27-139	2.92	30	L403242-13		WG422504
Bromoform	mg/kg	0.0375	0.0421	75.1	21-144	11.4	34	L403242-13		WG422504
Bromomethane	mg/kg	0.0532	0.0547	106.	0-180	2.69	41	L403242-13		WG422504
Carbon tetrachloride	mg/kg	0.0443	0.0459	88.6	12-149	3.44	34	L403242-13		WG422504
Chlorobenzene	mg/kg	0.0398	0.0437	79.7	17-134	9.19	34	L403242-13		WG422504
Chlorodibromomethane	mg/kg	0.0431	0.0477	86.1	28-147	10.2	32	L403242-13		WG422504
Chloroethane	mg/kg	0.0507	0.0531	101.	0-172	4.66	38	L403242-13		WG422504
Chloroform	mg/kg	0.0459	0.0479	91.7	28-138	4.29	30	L403242-13		WG422504
Chloromethane	mg/kg	0.0428	0.0456	85.5	10-158	6.33	35	L403242-13		WG422504
cis-1,2-Dichloroethene	mg/kg	0.0469	0.0487	93.8	21-147	3.90	31	L403242-13		WG422504
cis-1,3-Dichloropropene	mg/kg	0.0481	0.0508	96.3	17-145	5.42	32	L403242-13		WG422504
Di-isopropyl ether	mg/kg	0.0509	0.0533	102.	31-153	4.58	29	L403242-13		WG422504
Dibromomethane	mg/kg	0.0428	0.0483	85.6	24-147	12.1	30	L403242-13		WG422504
Dichlorodifluoromethane	mg/kg	0.0431	0.0441	86.3	0-192	2.16	38	L403242-13		WG422504
Ethylbenzene	mg/kg	0.0410	0.0444	82.0	12-137	7.93	36	L403242-13		WG422504
Hexachloro-1,3-butadiene	mg/kg	0.0374	0.0438	74.7	10-123	15.8	50	L403242-13		WG422504
Isopropylbenzene	mg/kg	0.0427	0.0458	85.4	14-134	6.98	37	L403242-13		WG422504
Methyl tert-butyl ether	mg/kg	0.0506	0.0543	101.	21-157	7.00	31	L403242-13		WG422504
Methylene Chloride	mg/kg	0.0418	0.0432	83.6	12-149	3.44	31	L403242-13		WG422504
n-Butylbenzene	mg/kg	0.0447	0.0504	89.3	10-130	12.1	48	L403242-13		WG422504
n-Propylbenzene	mg/kg	0.0411	0.0453	82.3	10-130	9.63	40	L403242-13		WG422504
Naphthalene	mg/kg	0.0436	0.0524	87.2	0-146	18.3	43	L403242-13		WG422504
p-Isopropyltoluene	mg/kg	0.0417	0.0461	83.5	10-131	9.86	43	L403242-13		WG422504
sec-Butylbenzene	mg/kg	0.0422	0.0461	84.5	10-134	8.68	43	L403242-13		WG422504

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Quality Assurance Report Level II

Mountlake Terrace, WA 98043

May 25, 2009

L403242

Analyte	Units	MSD	Matrix Spike	Duplicate	Limit	RPD	Limit	Ref	Samp	Batch
			Ref	%Rec						
Styrene	mg/kg	0.0431	0.0457	86.2	10-140	5.99	35	L403242-13		WG422504
tert-Butylbenzene	mg/kg	0.0428	0.0459	85.5	11-137	6.99	39	L403242-13		WG422504
Tetrachloroethene	mg/kg	0.0371	0.0409	74.2	10-131	9.83	35	L403242-13		WG422504
Toluene	mg/kg	0.0437	0.0456	87.4	12-136	4.32	32	L403242-13		WG422504
trans-1,2-Dichloroethene	mg/kg	0.0396	0.0405	79.1	10-143	2.26	33	L403242-13		WG422504
trans-1,3-Dichloropropene	mg/kg	0.0495	0.0527	98.9	16-147	6.32	32	L403242-13		WG422504
Trichloroethene	mg/kg	0.0413	0.0421	82.5	10-155	2.10	33	L403242-13		WG422504
Trichlorofluoromethane	mg/kg	0.0538	0.0570	108.	10-154	5.79	32	L403242-13		WG422504
Vinyl chloride	mg/kg	0.0424	0.0450	84.9	10-159	5.83	36	L403242-13		WG422504
4-Bromofluorobenzene				93.75	59-140					WG422504
Dibromofluoromethane				106.8	63-139					WG422504
Toluene-d8				101.9	84-116					WG422504
a,a,a-Trifluorotoluene				98.34	80-118					WG422504
1,1,1,2-Tetrachloroethane	mg/kg	0.248	0.239	99.1	29-145	3.60	31	L403603-05		WG422986
1,1,1-Trichloroethane	mg/kg	0.273	0.263	109.	23-147	3.71	32	L403603-05		WG422986
1,1,2,2-Tetrachloroethane	mg/kg	0.236	0.255	94.5	18-150	7.51	33	L403603-05		WG422986
1,1,2-Trichloroethane	mg/kg	0.234	0.240	93.7	35-140	2.36	29	L403603-05		WG422986
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.255	0.246	102.	10-145	3.83	35	L403603-05		WG422986
1,1-Dichloroethane	mg/kg	0.259	0.251	103.	24-148	2.86	31	L403603-05		WG422986
1,1-Dichloroethene	mg/kg	0.291	0.289	116.	10-149	0.743	34	L403603-05		WG422986
1,1-Dichloropropene	mg/kg	0.266	0.258	106.	10-141	2.68	34	L403603-05		WG422986
1,2,3-Trichlorobenzene	mg/kg	0.225	0.223	90.2	10-129	1.01	43	L403603-05		WG422986
1,2,3-Trichloropropane	mg/kg	0.228	0.252	91.4	30-148	9.98	32	L403603-05		WG422986
1,2,3-Trimethylbenzene	mg/kg	0.241	0.246	96.2	10-137	2.35	36	L403603-05		WG422986
1,2,4-Trichlorobenzene	mg/kg	0.233	0.234	93.1	10-119	0.375	44	L403603-05		WG422986
1,2,4-Trimethylbenzene	mg/kg	0.235	0.231	94.1	10-145	1.67	41	L403603-05		WG422986
1,2-Dibromo-3-Chloropropane	mg/kg	0.256	0.288	102.	19-145	11.9	35	L403603-05		WG422986
1,2-Dibromoethane	mg/kg	0.248	0.259	99.1	24-145	4.50	31	L403603-05		WG422986
1,2-Dichlorobenzene	mg/kg	0.235	0.231	94.0	12-130	1.48	35	L403603-05		WG422986
1,2-Dichloroethane	mg/kg	0.266	0.270	106.	21-155	1.61	29	L403603-05		WG422986
1,2-Dichloropropane	mg/kg	0.249	0.250	99.7	28-144	0.339	30	L403603-05		WG422986
1,3,5-Trimethylbenzene	mg/kg	0.243	0.246	97.4	10-135	1.13	39	L403603-05		WG422986
1,3-Dichlorobenzene	mg/kg	0.224	0.232	89.5	10-129	3.81	38	L403603-05		WG422986
1,3-Dichloropropane	mg/kg	0.234	0.241	93.4	31-137	3.29	29	L403603-05		WG422986
1,4-Dichlorobenzene	mg/kg	0.235	0.225	94.0	10-121	4.33	36	L403603-05		WG422986
2,2-Dichloropropane	mg/kg	0.267	0.262	107.	18-144	2.02	32	L403603-05		WG422986
2-Butanone (MEK)	mg/kg	1.28	1.46	102.	21-143	13.0	37	L403603-05		WG422986
2-Chloroethyl vinyl ether	mg/kg	1.15	1.26	91.7	0-176	9.74	50	L403603-05		WG422986
2-Chlorotoluene	mg/kg	0.241	0.240	96.5	10-132	0.341	37	L403603-05		WG422986
4-Chlorotoluene	mg/kg	0.228	0.234	91.1	10-129	2.81	38	L403603-05		WG422986
4-Methyl-2-pentanone (MIBK)	mg/kg	1.42	1.67	114.	31-151	15.7	36	L403603-05		WG422986
Acetone	mg/kg	1.40	1.62	112.	13-158	14.9	34	L403603-05		WG422986
Acrylonitrile	mg/kg	1.37	1.56	109.	20-154	13.2	35	L403603-05		WG422986
Benzene	mg/kg	0.269	0.260	108.	16-143	3.57	31	L403603-05		WG422986
Bromobenzene	mg/kg	0.228	0.227	91.1	14-135	0.333	39	L403603-05		WG422986
Bromodichloromethane	mg/kg	0.287	0.286	115.	27-139	0.583	30	L403603-05		WG422986
Bromoform	mg/kg	0.224	0.239	89.5	21-144	6.38	34	L403603-05		WG422986
Bromomethane	mg/kg	0.279	0.266	112.	0-180	4.84	41	L403603-05		WG422986
Carbon tetrachloride	mg/kg	0.273	0.267	109.	12-149	2.32	34	L403603-05		WG422986
Chlorobenzene	mg/kg	0.238	0.233	95.2	17-134	2.30	34	L403603-05		WG422986
Chlorodibromomethane	mg/kg	0.254	0.259	102.	28-147	1.94	32	L403603-05		WG422986
Chloroethane	mg/kg	0.258	0.256	103.	0-172	0.653	38	L403603-05		WG422986
Chloroform	mg/kg	0.254	0.248	102.	28-138	2.33	30	L403603-05		WG422986
Chloromethane	mg/kg	0.256	0.250	103.	10-158	2.46	35	L403603-05		WG422986
cis-1,2-Dichloroethene	mg/kg	0.275	0.265	110.	21-147	3.68	31	L403603-05		WG422986
cis-1,3-Dichloropropene	mg/kg	0.283	0.283	113.	17-145	0.067	32	L403603-05		WG422986
Di-isopropyl ether	mg/kg	0.267	0.266	107.	31-153	0.600	29	L403603-05		WG422986

* Performance of this Analyte is outside of established criteria.

For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'



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Est. 1970

Terracon- Lynnwood, WA
Mr. Jon Einarsen
21905 64th Ave W Ste 100

Quality Assurance Report Level II

Mountlake Terrace, WA 98043

May 25, 2009

L403242

Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit	Ref Samp	Batch
			Ref	%Rec					
Dibromomethane	mg/kg	0.259	0.269	104.	24-147	3.62	30	L403603-05	WG422986
Dichlorodifluoromethane	mg/kg	0.271	0.261	109.	0-192	3.80	38	L403603-05	WG422986
Ethylbenzene	mg/kg	0.241	0.240	96.4	12-137	0.396	36	L403603-05	WG422986
Hexachloro-1,3-butadiene	mg/kg	0.226	0.216	90.3	10-123	4.54	50	L403603-05	WG422986
Isopropylbenzene	mg/kg	0.246	0.241	98.4	14-134	2.09	37	L403603-05	WG422986
Methyl tert-butyl ether	mg/kg	0.271	0.278	109.	21-157	2.33	31	L403603-05	WG422986
Methylene Chloride	mg/kg	0.255	0.247	102.	12-149	3.10	31	L403603-05	WG422986
n-Butylbenzene	mg/kg	0.248	0.248	99.3	10-130	0.083	48	L403603-05	WG422986
n-Propylbenzene	mg/kg	0.237	0.238	94.8	10-130	0.242	40	L403603-05	WG422986
Naphthalene	mg/kg	0.249	0.261	99.6	0-146	4.79	43	L403603-05	WG422986
p-Isopropyltoluene	mg/kg	0.242	0.241	96.7	10-131	0.489	43	L403603-05	WG422986
sec-Butylbenzene	mg/kg	0.239	0.238	95.7	10-134	0.416	43	L403603-05	WG422986
Styrene	mg/kg	0.252	0.251	101.	10-140	0.389	35	L403603-05	WG422986
tert-Butylbenzene	mg/kg	0.240	0.240	96.0	11-137	0.145	39	L403603-05	WG422986
Tetrachloroethene	mg/kg	0.233	0.231	93.3	10-131	1.14	35	L403603-05	WG422986
Toluene	mg/kg	0.254	0.259	102.	12-136	1.99	32	L403603-05	WG422986
trans-1,2-Dichloroethene	mg/kg	0.262	0.250	105.	10-143	4.42	33	L403603-05	WG422986
trans-1,3-Dichloropropene	mg/kg	0.284	0.291	114.	16-147	2.21	32	L403603-05	WG422986
Trichloroethene	mg/kg	0.263	0.250	105.	10-155	5.09	33	L403603-05	WG422986
Trichlorofluoromethane	mg/kg	0.293	0.284	117.	10-154	2.82	32	L403603-05	WG422986
Vinyl chloride	mg/kg	0.261	0.253	105.	10-159	3.40	36	L403603-05	WG422986
4-Bromofluorobenzene				98.66	59-140				WG422986
Dibromofluoromethane				103.6	63-139				WG422986
Toluene-d8				99.22	84-116				WG422986
a,a,a-Trifluorotoluene				100.4	80-118				WG422986

Batch number /Run number / Sample number cross reference

WG422504: R747966: L403242-13 14 15
WG422492: R748467: L403242-01 02 03 04 05 06 07 08 09 12
WG422706: R751986: L403242-01 02 03 04 05 06 07
WG422707: R751987: L403242-08 09 10 11 12 13 14 15
WG422986: R752526: L403242-10 11

* * Calculations are performed prior to rounding of reported values .
* Performance of this Analyte is outside of established criteria.
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'



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Terracon- Lynnwood, WA
Mr. Jon Einarsen
21905 64th Ave W Ste 100

Quality Assurance Report Level II

Mountlake Terrace, WA 98043

L403242

May 25, 2009

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

Terracon- Lynnwood, WA

21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

Alternate billing information:

Analysis/Container/Preservative

Chain of Custody

Page 1 of 2

D154

Report to: Mr. Jon Einarsen

Email: jmeinarsen@terracon.com

Project Description: Marketplace Retail LSI

City/State Collected: Bothell, WA

Phone: (425) 771-3304
FAX: (425) 771-3549

Client Project #: 81097016

Lab Project #: TERRLWA-81097016

Collected by (print): Travis Hawk

Site/Facility ID#:

P.O.#:

Collected by (signature): [Signature]
Immediately Packed on Ice N ☐ Y ☒

Rush? (Lab MUST Be Notified)

Same Day 200%
Next Day 100%
Two Day 50%
Three Day 25%

Date Results Needed

Email? ☐ No ☒ Yes
FAX? ☐ No ☐ Yes

No. of Cntrs

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	TS 4ozClr-NoPres	V8260 40mI/NaHSO4/Syr/MeOH	V8260- Trip Blank 40mI Amb-HCl-Bik	VOC Screen 2ozClr-NoPres	Remarks/Contaminant	Sample # (lab only)
MW1-1	Grab	SS	7 1/2'	5/28/09	7:37	5	X	X		X		L405016-01
MW1-2	Grab	SS	17 1/2'	5/28/09	8:06	5	X	X		X		02
MW1-3	Grab	SS	25'	5/28/09	8:41	5	X	X		X		03
MW1-4	Grab	SS	37'	5/28/09	8:57	5	X	X		X		04
MW1-5	Grab	SS	41'	5/28/09	9:14	5	X	X		X		05
MW2-6	Grab	SS	7 1/2'	5/28/09	12:51	5	X	X		X		06
MW2-7	Grab	SS	18'	5/28/09	1:11	5	X	X		X		07
TRIP BLANK		GW				2X			X			08

*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

pH _____ Temp _____

Remarks:

Flow _____ Other _____

8688 7123 2552

Relinquished by: (Signature) [Signature]	Date: 5/28/09	Time: 1:27P	Received by: (Signature) [Signature]	Samples returned via: ☒ UPS ☐ FedEx ☐ Courier	Condition: OK (lab use only)
Relinquished by: (Signature) [Signature]	Date:	Time:	Received by: (Signature) [Signature]	Temp: 3.1°C Bottles Received: 77	COC Seal Intact: Y ☒ N ☐
Relinquished by: (Signature) [Signature]	Date:	Time:	Received for lab by: (Signature) [Signature]	Date: 5/30/09 Time: 0900	pH Checked: NCF

Terracon- Lynnwood, WA

21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

Alternate billing information:

Analysis/Container/Preservative

Chain of Custody

Page 2 of 2

Prepared by:



SCIENCE CORP.

12065 Lebanon Road
Mt. Juliet, TN 37122

Phone (800) 767-5859

FAX (615) 758-5859

Report to: **Mr. Jon Einarsen** Email: **jmeinarsen@terracon.com**

Project Description: **Marketplace Retail LSI** City/State Collected: **Bushnell, WA**

Phone: (425) 771-3304 Client Project #: **81097016** Lab Project #: **TERRLWA-81097016**
FAX: (425) 771-3549

Collected by (print): **Travis Hawk** Site/Facility ID#: P.O. #:

Collected by (signature): *[Signature]* **Rush? (Lab MUST Be Notified)**
 Same Day 200%
 Next Day 100%
 Two Day 50%
 Three Day 25%
 Date Results Needed
 Email? ☐ No ☒ Yes
 FAX? ☐ No ☐ Yes
 No. of Cntrs

Immediately Packed on Ice N ☐ Y ☒

Acctnum: **TERRLWA** (lab use only)
 Template/Prelogin: **T58305 P283345**
 Cooler #: **5/20**
 Shipped Via: **FedEX 2nd Day**

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	TS 4ozClr-NoPres	V8260 40ml/NaHSO4/Syr/MeOH	V8260- Trip Blank 40mlAmb-HCl-Blk	VOC Screen 2ozClr-NoPres	Remarks/Contaminant	Sample # (lab only)
MW2-B	Grab	SS	23'	5/28/09	1:26	5	X	X		X		LY05016-09
MW2-9	Grab	SS	22 1/2'	5/28/09	2:27	5	X	X		X		10
MW2-10	Grab	SS	33'	5/28/09	1:58	5	X	X		X		11
MW3-11	Grab	SS	7 1/2'	5/28/09	8:44	5	X	X		X		12
MW3-12	Grab	SS	13'	5/28/09	8:53	5	X	X		X		13
MW3-13	Grab	SS	27 1/2'	5/28/09	9:29	5	X	X		X		14
MW3-14	Grab	SS	31'	5/29/09	9:37	5	X	X		X		15
MW3-15	Grab	SS	37'	5/29/09	9:49	5	X	X		X		16
		SS				5	X	X		X		17

*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

pH Temp

Remarks:

Flow Other

8688 7123 2530

Relinquished by: (Signature) <i>[Signature]</i>	Date: 5/27/09	Time: 1:27P	Received by: (Signature) <i>[Signature]</i>	Samples returned via: ☒ FedEx ☐ UPS ☐ Courier	Condition: (lab use only) <i>OK</i>
Relinquished by: (Signature) <i>[Signature]</i>	Date:	Time:	Received by: (Signature) <i>[Signature]</i>	Temp: 31.2 Bottles Received: 77	COC Seal Intact: Y ☒ N ☐ NA
Relinquished by: (Signature) <i>[Signature]</i>	Date:	Time:	Received for lab by: (Signature) <i>[Signature]</i>	Date: 5/30/09 Time: 0900	pH Checked: NCF:



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Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

Report Summary

Thursday June 04, 2009

Report Number: L405016

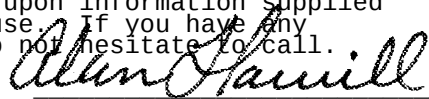
Samples Received: 05/30/09

Client Project: 81097016

Description: Marketplace Retail LSI

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:


T. Alan Harvill, ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140
NJ - TN002, NJ NELAP - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910

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REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

June 04, 2009

Date Received : May 30, 2009
Description : Marketplace Retail LSI

ESC Sample # : L405016-01

Sample ID : MW1-1 7.5 FT

Site ID :

Collected By : Travis Hauk
Collection Date : 05/28/09 07:57

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	91.8		%	2540G	06/04/09	1
Volatile Organics						
Acetone	BDL	0.054	mg/kg	8260B	05/31/09	1
Acrylonitrile	BDL	0.011	mg/kg	8260B	05/31/09	1
Benzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Bromobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Bromodichloromethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
Bromoform	BDL	0.0011	mg/kg	8260B	05/31/09	1
Bromomethane	BDL	0.0054	mg/kg	8260B	05/31/09	1
n-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
sec-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
tert-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Carbon tetrachloride	BDL	0.0011	mg/kg	8260B	05/31/09	1
Chlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Chlorodibromomethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
Chloroethane	BDL	0.0054	mg/kg	8260B	05/31/09	1
2-Chloroethyl vinyl ether	BDL	0.054	mg/kg	8260B	05/31/09	1
Chloroform	BDL	0.0054	mg/kg	8260B	05/31/09	1
Chloromethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
2-Chlorotoluene	BDL	0.0011	mg/kg	8260B	05/31/09	1
4-Chlorotoluene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2-Dibromo-3-Chloropropane	BDL	0.0054	mg/kg	8260B	05/31/09	1
1,2-Dibromoethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
Dibromomethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,3-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,4-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Dichlorodifluoromethane	BDL	0.0054	mg/kg	8260B	05/31/09	1
1,1-Dichloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2-Dichloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/31/09	1
cis-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/31/09	1
trans-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/31/09	1
cis-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/31/09	1
trans-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/31/09	1
2,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	05/31/09	1
Di-isopropyl ether	BDL	0.0011	mg/kg	8260B	05/31/09	1
Ethylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Hexachloro-1,3-butadiene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Isopropylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

June 04, 2009

Date Received : May 30, 2009
Description : Marketplace Retail LSI
Sample ID : MW1-1 7.5 FT
Collected By : Travis Hauk
Collection Date : 05/28/09 07:57

ESC Sample # : L405016-01

Site ID :

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0011	mg/kg	8260B	05/31/09	1
2-Butanone (MEK)	BDL	0.011	mg/kg	8260B	05/31/09	1
Methylene Chloride	BDL	0.0054	mg/kg	8260B	05/31/09	1
4-Methyl-2-pentanone (MIBK)	BDL	0.011	mg/kg	8260B	05/31/09	1
Methyl tert-butyl ether	BDL	0.0011	mg/kg	8260B	05/31/09	1
Naphthalene	BDL	0.0054	mg/kg	8260B	05/31/09	1
n-Propylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Styrene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1,1,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1,2,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0011	mg/kg	8260B	05/31/09	1
Tetrachloroethene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Toluene	BDL	0.0054	mg/kg	8260B	05/31/09	1
1,2,3-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2,4-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1,1-Trichloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1,2-Trichloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
Trichloroethene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Trichlorofluoromethane	BDL	0.0054	mg/kg	8260B	05/31/09	1
1,2,3-Trichloropropane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2,4-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2,3-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,3,5-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Vinyl chloride	BDL	0.0011	mg/kg	8260B	05/31/09	1
Xylenes, Total	BDL	0.0033	mg/kg	8260B	05/31/09	1
Surrogate Recovery						
Toluene-d8	94.0		% Rec.	8260B	05/31/09	1
Dibromofluoromethane	85.6		% Rec.	8260B	05/31/09	1
a,a,a-Trifluorotoluene	107.		% Rec.	8260B	05/31/09	1
4-Bromofluorobenzene	108.		% Rec.	8260B	05/31/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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Est. 1970

REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

June 04, 2009

Date Received : May 30, 2009
Description : Marketplace Retail LSI

Sample ID : MW1-2 17.5 FT

Collected By : Travis Hauk
Collection Date : 05/28/09 08:06

ESC Sample # : L405016-02

Site ID :

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	92.6		%	2540G	06/04/09	1
Volatile Organics						
Acetone	BDL	0.054	mg/kg	8260B	05/31/09	1
Acrylonitrile	BDL	0.011	mg/kg	8260B	05/31/09	1
Benzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Bromobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Bromodichloromethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
Bromoform	BDL	0.0011	mg/kg	8260B	05/31/09	1
Bromomethane	BDL	0.0054	mg/kg	8260B	05/31/09	1
n-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
sec-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
tert-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Carbon tetrachloride	BDL	0.0011	mg/kg	8260B	05/31/09	1
Chlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Chlorodibromomethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
Chloroethane	BDL	0.0054	mg/kg	8260B	05/31/09	1
2-Chloroethyl vinyl ether	BDL	0.054	mg/kg	8260B	05/31/09	1
Chloroform	BDL	0.0054	mg/kg	8260B	05/31/09	1
Chloromethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
2-Chlorotoluene	BDL	0.0011	mg/kg	8260B	05/31/09	1
4-Chlorotoluene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2-Dibromo-3-Chloropropane	BDL	0.0054	mg/kg	8260B	05/31/09	1
1,2-Dibromoethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
Dibromomethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,3-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,4-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Dichlorodifluoromethane	BDL	0.0054	mg/kg	8260B	05/31/09	1
1,1-Dichloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2-Dichloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/31/09	1
cis-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/31/09	1
trans-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/31/09	1
cis-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/31/09	1
trans-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/31/09	1
2,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	05/31/09	1
Di-isopropyl ether	BDL	0.0011	mg/kg	8260B	05/31/09	1
Ethylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Hexachloro-1,3-butadiene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Isopropylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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Est. 1970

REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

June 04, 2009

Date Received : May 30, 2009
Description : Marketplace Retail LSI

Sample ID : MW1-2 17.5 FT

Collected By : Travis Hauk
Collection Date : 05/28/09 08:06

ESC Sample # : L405016-02

Site ID :

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0011	mg/kg	8260B	05/31/09	1
2-Butanone (MEK)	BDL	0.011	mg/kg	8260B	05/31/09	1
Methylene Chloride	BDL	0.0054	mg/kg	8260B	05/31/09	1
4-Methyl-2-pentanone (MIBK)	BDL	0.011	mg/kg	8260B	05/31/09	1
Methyl tert-butyl ether	BDL	0.0011	mg/kg	8260B	05/31/09	1
Naphthalene	BDL	0.0054	mg/kg	8260B	05/31/09	1
n-Propylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Styrene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1,1,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1,2,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0011	mg/kg	8260B	05/31/09	1
Tetrachloroethene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Toluene	BDL	0.0054	mg/kg	8260B	05/31/09	1
1,2,3-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2,4-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1,1-Trichloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1,2-Trichloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
Trichloroethene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Trichlorofluoromethane	BDL	0.0054	mg/kg	8260B	05/31/09	1
1,2,3-Trichloropropane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2,4-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2,3-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,3,5-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Vinyl chloride	BDL	0.0011	mg/kg	8260B	05/31/09	1
Xylenes, Total	BDL	0.0032	mg/kg	8260B	05/31/09	1
Surrogate Recovery						
Toluene-d8	94.6		% Rec.	8260B	05/31/09	1
Dibromofluoromethane	91.5		% Rec.	8260B	05/31/09	1
a,a,a-Trifluorotoluene	111.		% Rec.	8260B	05/31/09	1
4-Bromofluorobenzene	103.		% Rec.	8260B	05/31/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

June 04, 2009

Date Received : May 30, 2009
Description : Marketplace Retail LSI
Sample ID : MW1-3 25 FT
Collected By : Travis Hauk
Collection Date : 05/28/09 08:41

ESC Sample # : L405016-03

Site ID :

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	90.5		%	2540G	06/04/09	1
Volatile Organics						
Acetone	BDL	0.055	mg/kg	8260B	05/31/09	1
Acrylonitrile	BDL	0.011	mg/kg	8260B	05/31/09	1
Benzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Bromobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Bromodichloromethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
Bromoform	BDL	0.0011	mg/kg	8260B	05/31/09	1
Bromomethane	BDL	0.0055	mg/kg	8260B	05/31/09	1
n-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
sec-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
tert-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Carbon tetrachloride	BDL	0.0011	mg/kg	8260B	05/31/09	1
Chlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Chlorodibromomethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
Chloroethane	BDL	0.0055	mg/kg	8260B	05/31/09	1
2-Chloroethyl vinyl ether	BDL	0.055	mg/kg	8260B	05/31/09	1
Chloroform	BDL	0.0055	mg/kg	8260B	05/31/09	1
Chloromethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
2-Chlorotoluene	BDL	0.0011	mg/kg	8260B	05/31/09	1
4-Chlorotoluene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2-Dibromo-3-Chloropropane	BDL	0.0055	mg/kg	8260B	05/31/09	1
1,2-Dibromoethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
Dibromomethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,3-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,4-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Dichlorodifluoromethane	BDL	0.0055	mg/kg	8260B	05/31/09	1
1,1-Dichloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2-Dichloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/31/09	1
cis-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/31/09	1
trans-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/31/09	1
cis-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/31/09	1
trans-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/31/09	1
2,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	05/31/09	1
Di-isopropyl ether	BDL	0.0011	mg/kg	8260B	05/31/09	1
Ethylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Hexachloro-1,3-butadiene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Isopropylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

June 04, 2009

Date Received : May 30, 2009
Description : Marketplace Retail LSI

Sample ID : MW1-3 25 FT

Collected By : Travis Hauk
Collection Date : 05/28/09 08:41

ESC Sample # : L405016-03

Site ID :

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0011	mg/kg	8260B	05/31/09	1
2-Butanone (MEK)	BDL	0.011	mg/kg	8260B	05/31/09	1
Methylene Chloride	BDL	0.0055	mg/kg	8260B	05/31/09	1
4-Methyl-2-pentanone (MIBK)	BDL	0.011	mg/kg	8260B	05/31/09	1
Methyl tert-butyl ether	BDL	0.0011	mg/kg	8260B	05/31/09	1
Naphthalene	BDL	0.0055	mg/kg	8260B	05/31/09	1
n-Propylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Styrene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1,1,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1,2,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0011	mg/kg	8260B	05/31/09	1
Tetrachloroethene	0.0021	0.0011	mg/kg	8260B	05/31/09	1
Toluene	BDL	0.0055	mg/kg	8260B	05/31/09	1
1,2,3-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2,4-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1,1-Trichloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1,2-Trichloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
Trichloroethene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Trichlorofluoromethane	BDL	0.0055	mg/kg	8260B	05/31/09	1
1,2,3-Trichloropropane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2,4-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2,3-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,3,5-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Vinyl chloride	BDL	0.0011	mg/kg	8260B	05/31/09	1
Xylenes, Total	BDL	0.0033	mg/kg	8260B	05/31/09	1
Surrogate Recovery						
Toluene-d8	95.3		% Rec.	8260B	05/31/09	1
Dibromofluoromethane	88.9		% Rec.	8260B	05/31/09	1
a,a,a-Trifluorotoluene	110.		% Rec.	8260B	05/31/09	1
4-Bromofluorobenzene	105.		% Rec.	8260B	05/31/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

June 04, 2009

Date Received : May 30, 2009
Description : Marketplace Retail LSI
Sample ID : MW1-4 37 FT
Collected By : Travis Hauk
Collection Date : 05/28/09 08:57

ESC Sample # : L405016-04

Site ID :

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	76.6		%	2540G	06/04/09	1
Volatile Organics						
Acetone	BDL	0.065	mg/kg	8260B	05/31/09	1
Acrylonitrile	BDL	0.013	mg/kg	8260B	05/31/09	1
Benzene	BDL	0.0013	mg/kg	8260B	05/31/09	1
Bromobenzene	BDL	0.0013	mg/kg	8260B	05/31/09	1
Bromodichloromethane	BDL	0.0013	mg/kg	8260B	05/31/09	1
Bromoform	BDL	0.0013	mg/kg	8260B	05/31/09	1
Bromomethane	BDL	0.0065	mg/kg	8260B	05/31/09	1
n-Butylbenzene	BDL	0.0013	mg/kg	8260B	05/31/09	1
sec-Butylbenzene	BDL	0.0013	mg/kg	8260B	05/31/09	1
tert-Butylbenzene	BDL	0.0013	mg/kg	8260B	05/31/09	1
Carbon tetrachloride	BDL	0.0013	mg/kg	8260B	05/31/09	1
Chlorobenzene	BDL	0.0013	mg/kg	8260B	05/31/09	1
Chlorodibromomethane	BDL	0.0013	mg/kg	8260B	05/31/09	1
Chloroethane	BDL	0.0065	mg/kg	8260B	05/31/09	1
2-Chloroethyl vinyl ether	BDL	0.065	mg/kg	8260B	05/31/09	1
Chloroform	BDL	0.0065	mg/kg	8260B	05/31/09	1
Chloromethane	BDL	0.0013	mg/kg	8260B	05/31/09	1
2-Chlorotoluene	BDL	0.0013	mg/kg	8260B	05/31/09	1
4-Chlorotoluene	BDL	0.0013	mg/kg	8260B	05/31/09	1
1,2-Dibromo-3-Chloropropane	BDL	0.0065	mg/kg	8260B	05/31/09	1
1,2-Dibromoethane	BDL	0.0013	mg/kg	8260B	05/31/09	1
Dibromomethane	BDL	0.0013	mg/kg	8260B	05/31/09	1
1,2-Dichlorobenzene	BDL	0.0013	mg/kg	8260B	05/31/09	1
1,3-Dichlorobenzene	BDL	0.0013	mg/kg	8260B	05/31/09	1
1,4-Dichlorobenzene	BDL	0.0013	mg/kg	8260B	05/31/09	1
Dichlorodifluoromethane	BDL	0.0065	mg/kg	8260B	05/31/09	1
1,1-Dichloroethane	BDL	0.0013	mg/kg	8260B	05/31/09	1
1,2-Dichloroethane	BDL	0.0013	mg/kg	8260B	05/31/09	1
1,1-Dichloroethene	BDL	0.0013	mg/kg	8260B	05/31/09	1
cis-1,2-Dichloroethene	BDL	0.0013	mg/kg	8260B	05/31/09	1
trans-1,2-Dichloroethene	BDL	0.0013	mg/kg	8260B	05/31/09	1
1,2-Dichloropropane	BDL	0.0013	mg/kg	8260B	05/31/09	1
1,1-Dichloropropene	BDL	0.0013	mg/kg	8260B	05/31/09	1
1,3-Dichloropropene	BDL	0.0013	mg/kg	8260B	05/31/09	1
cis-1,3-Dichloropropene	BDL	0.0013	mg/kg	8260B	05/31/09	1
trans-1,3-Dichloropropene	BDL	0.0013	mg/kg	8260B	05/31/09	1
2,2-Dichloropropane	BDL	0.0013	mg/kg	8260B	05/31/09	1
Di-isopropyl ether	BDL	0.0013	mg/kg	8260B	05/31/09	1
Ethylbenzene	BDL	0.0013	mg/kg	8260B	05/31/09	1
Hexachloro-1,3-butadiene	BDL	0.0013	mg/kg	8260B	05/31/09	1
Isopropylbenzene	BDL	0.0013	mg/kg	8260B	05/31/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

June 04, 2009

Date Received : May 30, 2009
Description : Marketplace Retail LSI

Sample ID : MW1-4 37 FT

Collected By : Travis Hauk
Collection Date : 05/28/09 08:57

ESC Sample # : L405016-04

Site ID :

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0013	mg/kg	8260B	05/31/09	1
2-Butanone (MEK)	BDL	0.013	mg/kg	8260B	05/31/09	1
Methylene Chloride	BDL	0.0065	mg/kg	8260B	05/31/09	1
4-Methyl-2-pentanone (MIBK)	BDL	0.013	mg/kg	8260B	05/31/09	1
Methyl tert-butyl ether	BDL	0.0013	mg/kg	8260B	05/31/09	1
Naphthalene	BDL	0.0065	mg/kg	8260B	05/31/09	1
n-Propylbenzene	BDL	0.0013	mg/kg	8260B	05/31/09	1
Styrene	BDL	0.0013	mg/kg	8260B	05/31/09	1
1,1,1,2-Tetrachloroethane	BDL	0.0013	mg/kg	8260B	05/31/09	1
1,1,2,2-Tetrachloroethane	BDL	0.0013	mg/kg	8260B	05/31/09	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0013	mg/kg	8260B	05/31/09	1
Tetrachloroethene	BDL	0.0013	mg/kg	8260B	05/31/09	1
Toluene	BDL	0.0065	mg/kg	8260B	05/31/09	1
1,2,3-Trichlorobenzene	BDL	0.0013	mg/kg	8260B	05/31/09	1
1,2,4-Trichlorobenzene	BDL	0.0013	mg/kg	8260B	05/31/09	1
1,1,1-Trichloroethane	BDL	0.0013	mg/kg	8260B	05/31/09	1
1,1,2-Trichloroethane	BDL	0.0013	mg/kg	8260B	05/31/09	1
Trichloroethene	BDL	0.0013	mg/kg	8260B	05/31/09	1
Trichlorofluoromethane	BDL	0.0065	mg/kg	8260B	05/31/09	1
1,2,3-Trichloropropane	BDL	0.0013	mg/kg	8260B	05/31/09	1
1,2,4-Trimethylbenzene	BDL	0.0013	mg/kg	8260B	05/31/09	1
1,2,3-Trimethylbenzene	BDL	0.0013	mg/kg	8260B	05/31/09	1
1,3,5-Trimethylbenzene	BDL	0.0013	mg/kg	8260B	05/31/09	1
Vinyl chloride	BDL	0.0013	mg/kg	8260B	05/31/09	1
Xylenes, Total	BDL	0.0039	mg/kg	8260B	05/31/09	1
Surrogate Recovery						
Toluene-d8	95.9		% Rec.	8260B	05/31/09	1
Dibromofluoromethane	88.1		% Rec.	8260B	05/31/09	1
a,a,a-Trifluorotoluene	110.		% Rec.	8260B	05/31/09	1
4-Bromofluorobenzene	109.		% Rec.	8260B	05/31/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

June 04, 2009

Date Received : May 30, 2009
Description : Marketplace Retail LSI

Sample ID : MW1-5 41 FT

Collected By : Travis Hauk
Collection Date : 05/28/09 09:14

ESC Sample # : L405016-05

Site ID :

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	83.4		%	2540G	06/04/09	1
Volatile Organics						
Acetone	BDL	0.060	mg/kg	8260B	05/31/09	1
Acrylonitrile	BDL	0.012	mg/kg	8260B	05/31/09	1
Benzene	BDL	0.0012	mg/kg	8260B	05/31/09	1
Bromobenzene	BDL	0.0012	mg/kg	8260B	05/31/09	1
Bromodichloromethane	BDL	0.0012	mg/kg	8260B	05/31/09	1
Bromoform	BDL	0.0012	mg/kg	8260B	05/31/09	1
Bromomethane	BDL	0.0060	mg/kg	8260B	05/31/09	1
n-Butylbenzene	BDL	0.0012	mg/kg	8260B	05/31/09	1
sec-Butylbenzene	BDL	0.0012	mg/kg	8260B	05/31/09	1
tert-Butylbenzene	BDL	0.0012	mg/kg	8260B	05/31/09	1
Carbon tetrachloride	BDL	0.0012	mg/kg	8260B	05/31/09	1
Chlorobenzene	BDL	0.0012	mg/kg	8260B	05/31/09	1
Chlorodibromomethane	BDL	0.0012	mg/kg	8260B	05/31/09	1
Chloroethane	BDL	0.0060	mg/kg	8260B	05/31/09	1
2-Chloroethyl vinyl ether	BDL	0.060	mg/kg	8260B	05/31/09	1
Chloroform	BDL	0.0060	mg/kg	8260B	05/31/09	1
Chloromethane	BDL	0.0012	mg/kg	8260B	05/31/09	1
2-Chlorotoluene	BDL	0.0012	mg/kg	8260B	05/31/09	1
4-Chlorotoluene	BDL	0.0012	mg/kg	8260B	05/31/09	1
1,2-Dibromo-3-Chloropropane	BDL	0.0060	mg/kg	8260B	05/31/09	1
1,2-Dibromoethane	BDL	0.0012	mg/kg	8260B	05/31/09	1
Dibromomethane	BDL	0.0012	mg/kg	8260B	05/31/09	1
1,2-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	05/31/09	1
1,3-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	05/31/09	1
1,4-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	05/31/09	1
Dichlorodifluoromethane	BDL	0.0060	mg/kg	8260B	05/31/09	1
1,1-Dichloroethane	BDL	0.0012	mg/kg	8260B	05/31/09	1
1,2-Dichloroethane	BDL	0.0012	mg/kg	8260B	05/31/09	1
1,1-Dichloroethene	BDL	0.0012	mg/kg	8260B	05/31/09	1
cis-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	05/31/09	1
trans-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	05/31/09	1
1,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	05/31/09	1
1,1-Dichloropropene	BDL	0.0012	mg/kg	8260B	05/31/09	1
1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	05/31/09	1
cis-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	05/31/09	1
trans-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	05/31/09	1
2,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	05/31/09	1
Di-isopropyl ether	BDL	0.0012	mg/kg	8260B	05/31/09	1
Ethylbenzene	BDL	0.0012	mg/kg	8260B	05/31/09	1
Hexachloro-1,3-butadiene	BDL	0.0012	mg/kg	8260B	05/31/09	1
Isopropylbenzene	BDL	0.0012	mg/kg	8260B	05/31/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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Est. 1970

REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

June 04, 2009

Date Received : May 30, 2009
Description : Marketplace Retail LSI
Sample ID : MW1-5 41 FT
Collected By : Travis Hauk
Collection Date : 05/28/09 09:14

ESC Sample # : L405016-05

Site ID :

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0012	mg/kg	8260B	05/31/09	1
2-Butanone (MEK)	BDL	0.012	mg/kg	8260B	05/31/09	1
Methylene Chloride	BDL	0.0060	mg/kg	8260B	05/31/09	1
4-Methyl-2-pentanone (MIBK)	BDL	0.012	mg/kg	8260B	05/31/09	1
Methyl tert-butyl ether	BDL	0.0012	mg/kg	8260B	05/31/09	1
Naphthalene	BDL	0.0060	mg/kg	8260B	05/31/09	1
n-Propylbenzene	BDL	0.0012	mg/kg	8260B	05/31/09	1
Styrene	BDL	0.0012	mg/kg	8260B	05/31/09	1
1,1,1,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	05/31/09	1
1,1,2,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	05/31/09	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0012	mg/kg	8260B	05/31/09	1
Tetrachloroethene	BDL	0.0012	mg/kg	8260B	05/31/09	1
Toluene	BDL	0.0060	mg/kg	8260B	05/31/09	1
1,2,3-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	05/31/09	1
1,2,4-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	05/31/09	1
1,1,1-Trichloroethane	BDL	0.0012	mg/kg	8260B	05/31/09	1
1,1,2-Trichloroethane	BDL	0.0012	mg/kg	8260B	05/31/09	1
Trichloroethene	BDL	0.0012	mg/kg	8260B	05/31/09	1
Trichlorofluoromethane	BDL	0.0060	mg/kg	8260B	05/31/09	1
1,2,3-Trichloropropane	BDL	0.0012	mg/kg	8260B	05/31/09	1
1,2,4-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	05/31/09	1
1,2,3-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	05/31/09	1
1,3,5-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	05/31/09	1
Vinyl chloride	BDL	0.0012	mg/kg	8260B	05/31/09	1
Xylenes, Total	BDL	0.0036	mg/kg	8260B	05/31/09	1
Surrogate Recovery						
Toluene-d8	93.9		% Rec.	8260B	05/31/09	1
Dibromofluoromethane	94.2		% Rec.	8260B	05/31/09	1
a,a,a-Trifluorotoluene	107.		% Rec.	8260B	05/31/09	1
4-Bromofluorobenzene	105.		% Rec.	8260B	05/31/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

June 04, 2009

Date Received : May 30, 2009
Description : Marketplace Retail LSI

Sample ID : MW2-6 7.5 FT

Collected By : Travis Hauk
Collection Date : 05/28/09 12:51

ESC Sample # : L405016-06

Site ID :

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	91.6		%	2540G	06/04/09	1
Volatile Organics						
Acetone	0.066	0.054	mg/kg	8260B	05/31/09	1
Acrylonitrile	BDL	0.011	mg/kg	8260B	05/31/09	1
Benzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Bromobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Bromodichloromethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
Bromoform	BDL	0.0011	mg/kg	8260B	05/31/09	1
Bromomethane	BDL	0.0054	mg/kg	8260B	05/31/09	1
n-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
sec-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
tert-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Carbon tetrachloride	BDL	0.0011	mg/kg	8260B	05/31/09	1
Chlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Chlorodibromomethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
Chloroethane	BDL	0.0054	mg/kg	8260B	05/31/09	1
2-Chloroethyl vinyl ether	BDL	0.054	mg/kg	8260B	05/31/09	1
Chloroform	BDL	0.0054	mg/kg	8260B	05/31/09	1
Chloromethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
2-Chlorotoluene	BDL	0.0011	mg/kg	8260B	05/31/09	1
4-Chlorotoluene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2-Dibromo-3-Chloropropane	BDL	0.0054	mg/kg	8260B	05/31/09	1
1,2-Dibromoethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
Dibromomethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,3-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,4-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Dichlorodifluoromethane	BDL	0.0054	mg/kg	8260B	05/31/09	1
1,1-Dichloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2-Dichloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/31/09	1
cis-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/31/09	1
trans-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/31/09	1
cis-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/31/09	1
trans-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/31/09	1
2,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	05/31/09	1
Di-isopropyl ether	BDL	0.0011	mg/kg	8260B	05/31/09	1
Ethylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Hexachloro-1,3-butadiene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Isopropylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

June 04, 2009

Date Received : May 30, 2009
Description : Marketplace Retail LSI

ESC Sample # : L405016-06

Sample ID : MW2-6 7.5 FT

Site ID :

Collected By : Travis Hauk
Collection Date : 05/28/09 12:51

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0011	mg/kg	8260B	05/31/09	1
2-Butanone (MEK)	BDL	0.011	mg/kg	8260B	05/31/09	1
Methylene Chloride	BDL	0.0054	mg/kg	8260B	05/31/09	1
4-Methyl-2-pentanone (MIBK)	BDL	0.011	mg/kg	8260B	05/31/09	1
Methyl tert-butyl ether	BDL	0.0011	mg/kg	8260B	05/31/09	1
Naphthalene	BDL	0.0054	mg/kg	8260B	05/31/09	1
n-Propylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Styrene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1,1,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1,2,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0011	mg/kg	8260B	05/31/09	1
Tetrachloroethene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Toluene	BDL	0.0054	mg/kg	8260B	05/31/09	1
1,2,3-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2,4-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1,1-Trichloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1,2-Trichloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
Trichloroethene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Trichlorofluoromethane	BDL	0.0054	mg/kg	8260B	05/31/09	1
1,2,3-Trichloropropane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2,4-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2,3-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,3,5-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Vinyl chloride	BDL	0.0011	mg/kg	8260B	05/31/09	1
Xylenes, Total	BDL	0.0033	mg/kg	8260B	05/31/09	1
Surrogate Recovery						
Toluene-d8	91.6		% Rec.	8260B	05/31/09	1
Dibromofluoromethane	80.0		% Rec.	8260B	05/31/09	1
a,a,a-Trifluorotoluene	110.		% Rec.	8260B	05/31/09	1
4-Bromofluorobenzene	93.6		% Rec.	8260B	05/31/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

June 04, 2009

Date Received : May 30, 2009
Description : Marketplace Retail LSI

Sample ID : MW2-7 18 FT

Collected By : Travis Hauk
Collection Date : 05/28/09 13:11

ESC Sample # : L405016-07

Site ID :

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	96.0		%	2540G	06/04/09	1
Volatile Organics						
Acetone	BDL	0.052	mg/kg	8260B	05/31/09	1
Acrylonitrile	BDL	0.010	mg/kg	8260B	05/31/09	1
Benzene	BDL	0.0010	mg/kg	8260B	05/31/09	1
Bromobenzene	BDL	0.0010	mg/kg	8260B	05/31/09	1
Bromodichloromethane	BDL	0.0010	mg/kg	8260B	05/31/09	1
Bromoform	BDL	0.0010	mg/kg	8260B	05/31/09	1
Bromomethane	BDL	0.0052	mg/kg	8260B	05/31/09	1
n-Butylbenzene	BDL	0.0010	mg/kg	8260B	05/31/09	1
sec-Butylbenzene	BDL	0.0010	mg/kg	8260B	05/31/09	1
tert-Butylbenzene	BDL	0.0010	mg/kg	8260B	05/31/09	1
Carbon tetrachloride	BDL	0.0010	mg/kg	8260B	05/31/09	1
Chlorobenzene	BDL	0.0010	mg/kg	8260B	05/31/09	1
Chlorodibromomethane	BDL	0.0010	mg/kg	8260B	05/31/09	1
Chloroethane	BDL	0.0052	mg/kg	8260B	05/31/09	1
2-Chloroethyl vinyl ether	BDL	0.052	mg/kg	8260B	05/31/09	1
Chloroform	BDL	0.0052	mg/kg	8260B	05/31/09	1
Chloromethane	BDL	0.0010	mg/kg	8260B	05/31/09	1
2-Chlorotoluene	BDL	0.0010	mg/kg	8260B	05/31/09	1
4-Chlorotoluene	BDL	0.0010	mg/kg	8260B	05/31/09	1
1,2-Dibromo-3-Chloropropane	BDL	0.0052	mg/kg	8260B	05/31/09	1
1,2-Dibromoethane	BDL	0.0010	mg/kg	8260B	05/31/09	1
Dibromomethane	BDL	0.0010	mg/kg	8260B	05/31/09	1
1,2-Dichlorobenzene	BDL	0.0010	mg/kg	8260B	05/31/09	1
1,3-Dichlorobenzene	BDL	0.0010	mg/kg	8260B	05/31/09	1
1,4-Dichlorobenzene	BDL	0.0010	mg/kg	8260B	05/31/09	1
Dichlorodifluoromethane	BDL	0.0052	mg/kg	8260B	05/31/09	1
1,1-Dichloroethane	BDL	0.0010	mg/kg	8260B	05/31/09	1
1,2-Dichloroethane	BDL	0.0010	mg/kg	8260B	05/31/09	1
1,1-Dichloroethene	BDL	0.0010	mg/kg	8260B	05/31/09	1
cis-1,2-Dichloroethene	BDL	0.0010	mg/kg	8260B	05/31/09	1
trans-1,2-Dichloroethene	BDL	0.0010	mg/kg	8260B	05/31/09	1
1,2-Dichloropropane	BDL	0.0010	mg/kg	8260B	05/31/09	1
1,1-Dichloropropene	BDL	0.0010	mg/kg	8260B	05/31/09	1
1,3-Dichloropropene	BDL	0.0010	mg/kg	8260B	05/31/09	1
cis-1,3-Dichloropropene	BDL	0.0010	mg/kg	8260B	05/31/09	1
trans-1,3-Dichloropropene	BDL	0.0010	mg/kg	8260B	05/31/09	1
2,2-Dichloropropane	BDL	0.0010	mg/kg	8260B	05/31/09	1
Di-isopropyl ether	BDL	0.0010	mg/kg	8260B	05/31/09	1
Ethylbenzene	BDL	0.0010	mg/kg	8260B	05/31/09	1
Hexachloro-1,3-butadiene	BDL	0.0010	mg/kg	8260B	05/31/09	1
Isopropylbenzene	BDL	0.0010	mg/kg	8260B	05/31/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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Est. 1970

REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

June 04, 2009

Date Received : May 30, 2009
Description : Marketplace Retail LSI
Sample ID : MW2-7 18 FT
Collected By : Travis Hauk
Collection Date : 05/28/09 13:11

ESC Sample # : L405016-07

Site ID :

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0010	mg/kg	8260B	05/31/09	1
2-Butanone (MEK)	BDL	0.010	mg/kg	8260B	05/31/09	1
Methylene Chloride	BDL	0.0052	mg/kg	8260B	05/31/09	1
4-Methyl-2-pentanone (MIBK)	BDL	0.010	mg/kg	8260B	05/31/09	1
Methyl tert-butyl ether	BDL	0.0010	mg/kg	8260B	05/31/09	1
Naphthalene	BDL	0.0052	mg/kg	8260B	05/31/09	1
n-Propylbenzene	BDL	0.0010	mg/kg	8260B	05/31/09	1
Styrene	BDL	0.0010	mg/kg	8260B	05/31/09	1
1,1,1,2-Tetrachloroethane	BDL	0.0010	mg/kg	8260B	05/31/09	1
1,1,2,2-Tetrachloroethane	BDL	0.0010	mg/kg	8260B	05/31/09	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0010	mg/kg	8260B	05/31/09	1
Tetrachloroethene	BDL	0.0010	mg/kg	8260B	05/31/09	1
Toluene	BDL	0.0052	mg/kg	8260B	05/31/09	1
1,2,3-Trichlorobenzene	BDL	0.0010	mg/kg	8260B	05/31/09	1
1,2,4-Trichlorobenzene	BDL	0.0010	mg/kg	8260B	05/31/09	1
1,1,1-Trichloroethane	BDL	0.0010	mg/kg	8260B	05/31/09	1
1,1,2-Trichloroethane	BDL	0.0010	mg/kg	8260B	05/31/09	1
Trichloroethene	BDL	0.0010	mg/kg	8260B	05/31/09	1
Trichlorofluoromethane	BDL	0.0052	mg/kg	8260B	05/31/09	1
1,2,3-Trichloropropane	BDL	0.0010	mg/kg	8260B	05/31/09	1
1,2,4-Trimethylbenzene	BDL	0.0010	mg/kg	8260B	05/31/09	1
1,2,3-Trimethylbenzene	BDL	0.0010	mg/kg	8260B	05/31/09	1
1,3,5-Trimethylbenzene	BDL	0.0010	mg/kg	8260B	05/31/09	1
Vinyl chloride	BDL	0.0010	mg/kg	8260B	05/31/09	1
Xylenes, Total	BDL	0.0031	mg/kg	8260B	05/31/09	1
Surrogate Recovery						
Toluene-d8	98.0		% Rec.	8260B	05/31/09	1
Dibromofluoromethane	73.2		% Rec.	8260B	05/31/09	1
a,a,a-Trifluorotoluene	126.		% Rec.	8260B	05/31/09	1
4-Bromofluorobenzene	101.		% Rec.	8260B	05/31/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

June 04, 2009

Date Received : May 30, 2009
Description : Marketplace Retail LSI

Sample ID : TRIP BLANK

Collected By : Travis Hauk
Collection Date : 05/28/09 00:00

ESC Sample # : L405016-08

Site ID :

Project # : 81097016

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	0.050	mg/l	8260B	05/30/09	1
Acrolein	BDL	0.050	mg/l	8260B	05/30/09	1
Acrylonitrile	BDL	0.010	mg/l	8260B	05/30/09	1
Benzene	BDL	0.0010	mg/l	8260B	05/30/09	1
Bromobenzene	BDL	0.0010	mg/l	8260B	05/30/09	1
Bromodichloromethane	BDL	0.0010	mg/l	8260B	05/30/09	1
Bromoform	BDL	0.0010	mg/l	8260B	05/30/09	1
Bromomethane	BDL	0.0050	mg/l	8260B	05/30/09	1
n-Butylbenzene	BDL	0.0010	mg/l	8260B	05/30/09	1
sec-Butylbenzene	BDL	0.0010	mg/l	8260B	05/30/09	1
tert-Butylbenzene	BDL	0.0010	mg/l	8260B	05/30/09	1
Carbon tetrachloride	BDL	0.0010	mg/l	8260B	05/30/09	1
Chlorobenzene	BDL	0.0010	mg/l	8260B	05/30/09	1
Chlorodibromomethane	BDL	0.0010	mg/l	8260B	05/30/09	1
Chloroethane	BDL	0.0050	mg/l	8260B	05/30/09	1
2-Chloroethyl vinyl ether	BDL	0.050	mg/l	8260B	05/30/09	1
Chloroform	BDL	0.0050	mg/l	8260B	05/30/09	1
Chloromethane	BDL	0.0025	mg/l	8260B	05/30/09	1
2-Chlorotoluene	BDL	0.0010	mg/l	8260B	05/30/09	1
4-Chlorotoluene	BDL	0.0010	mg/l	8260B	05/30/09	1
1,2-Dibromo-3-Chloropropane	BDL	0.0050	mg/l	8260B	05/30/09	1
1,2-Dibromoethane	BDL	0.0010	mg/l	8260B	05/30/09	1
Dibromomethane	BDL	0.0010	mg/l	8260B	05/30/09	1
1,2-Dichlorobenzene	BDL	0.0010	mg/l	8260B	05/30/09	1
1,3-Dichlorobenzene	BDL	0.0010	mg/l	8260B	05/30/09	1
1,4-Dichlorobenzene	BDL	0.0010	mg/l	8260B	05/30/09	1
Dichlorodifluoromethane	BDL	0.0050	mg/l	8260B	05/30/09	1
1,1-Dichloroethane	BDL	0.0010	mg/l	8260B	05/30/09	1
1,2-Dichloroethane	BDL	0.0010	mg/l	8260B	05/30/09	1
1,1-Dichloroethene	BDL	0.0010	mg/l	8260B	05/30/09	1
cis-1,2-Dichloroethene	BDL	0.0010	mg/l	8260B	05/30/09	1
trans-1,2-Dichloroethene	BDL	0.0010	mg/l	8260B	05/30/09	1
1,2-Dichloropropane	BDL	0.0010	mg/l	8260B	05/30/09	1
1,1-Dichloropropene	BDL	0.0010	mg/l	8260B	05/30/09	1
1,3-Dichloropropene	BDL	0.0010	mg/l	8260B	05/30/09	1
cis-1,3-Dichloropropene	BDL	0.0010	mg/l	8260B	05/30/09	1
trans-1,3-Dichloropropene	BDL	0.0010	mg/l	8260B	05/30/09	1
2,2-Dichloropropane	BDL	0.0010	mg/l	8260B	05/30/09	1
Di-isopropyl ether	BDL	0.0010	mg/l	8260B	05/30/09	1
Ethylbenzene	BDL	0.0010	mg/l	8260B	05/30/09	1
Hexachloro-1,3-butadiene	BDL	0.0010	mg/l	8260B	05/30/09	1
Isopropylbenzene	BDL	0.0010	mg/l	8260B	05/30/09	1
p-Isopropyltoluene	BDL	0.0010	mg/l	8260B	05/30/09	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)



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REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

June 04, 2009

Date Received : May 30, 2009
Description : Marketplace Retail LSI

ESC Sample # : L405016-08

Sample ID : TRIP BLANK

Site ID :

Collected By : Travis Hauk
Collection Date : 05/28/09 00:00

Project # : 81097016

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
2-Butanone (MEK)	BDL	0.010	mg/l	8260B	05/30/09	1
Methylene Chloride	BDL	0.0050	mg/l	8260B	05/30/09	1
4-Methyl-2-pentanone (MIBK)	BDL	0.010	mg/l	8260B	05/30/09	1
Methyl tert-butyl ether	BDL	0.0010	mg/l	8260B	05/30/09	1
Naphthalene	BDL	0.0050	mg/l	8260B	05/30/09	1
n-Propylbenzene	BDL	0.0010	mg/l	8260B	05/30/09	1
Styrene	BDL	0.0010	mg/l	8260B	05/30/09	1
1,1,1,2-Tetrachloroethane	BDL	0.0010	mg/l	8260B	05/30/09	1
1,1,2,2-Tetrachloroethane	BDL	0.0010	mg/l	8260B	05/30/09	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0010	mg/l	8260B	05/30/09	1
Tetrachloroethene	BDL	0.0010	mg/l	8260B	05/30/09	1
Toluene	BDL	0.0050	mg/l	8260B	05/30/09	1
1,2,3-Trichlorobenzene	BDL	0.0010	mg/l	8260B	05/30/09	1
1,2,4-Trichlorobenzene	BDL	0.0010	mg/l	8260B	05/30/09	1
1,1,1-Trichloroethane	BDL	0.0010	mg/l	8260B	05/30/09	1
1,1,2-Trichloroethane	BDL	0.0010	mg/l	8260B	05/30/09	1
Trichloroethene	BDL	0.0010	mg/l	8260B	05/30/09	1
Trichlorofluoromethane	BDL	0.0050	mg/l	8260B	05/30/09	1
1,2,3-Trichloropropane	BDL	0.0010	mg/l	8260B	05/30/09	1
1,2,4-Trimethylbenzene	BDL	0.0010	mg/l	8260B	05/30/09	1
1,2,3-Trimethylbenzene	BDL	0.0010	mg/l	8260B	05/30/09	1
1,3,5-Trimethylbenzene	BDL	0.0010	mg/l	8260B	05/30/09	1
Vinyl chloride	BDL	0.0010	mg/l	8260B	05/30/09	1
Xylenes, Total	BDL	0.0030	mg/l	8260B	05/30/09	1
Surrogate Recovery						
Toluene-d8	97.9		% Rec.	8260B	05/30/09	1
Dibromofluoromethane	106.		% Rec.	8260B	05/30/09	1
4-Bromofluorobenzene	99.8		% Rec.	8260B	05/30/09	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

June 04, 2009

Date Received : May 30, 2009
Description : Marketplace Retail LSI
Sample ID : MW2-8 23 FT
Collected By : Travis Hauk
Collection Date : 05/28/09 13:26

ESC Sample # : L405016-09

Site ID :

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	88.3		%	2540G	06/04/09	1
Volatile Organics						
Acetone	BDL	0.057	mg/kg	8260B	05/31/09	1
Acrylonitrile	BDL	0.011	mg/kg	8260B	05/31/09	1
Benzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Bromobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Bromodichloromethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
Bromoform	BDL	0.0011	mg/kg	8260B	05/31/09	1
Bromomethane	BDL	0.0057	mg/kg	8260B	05/31/09	1
n-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
sec-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
tert-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Carbon tetrachloride	BDL	0.0011	mg/kg	8260B	05/31/09	1
Chlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Chlorodibromomethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
Chloroethane	BDL	0.0057	mg/kg	8260B	05/31/09	1
2-Chloroethyl vinyl ether	BDL	0.057	mg/kg	8260B	05/31/09	1
Chloroform	BDL	0.0057	mg/kg	8260B	05/31/09	1
Chloromethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
2-Chlorotoluene	BDL	0.0011	mg/kg	8260B	05/31/09	1
4-Chlorotoluene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2-Dibromo-3-Chloropropane	BDL	0.0057	mg/kg	8260B	05/31/09	1
1,2-Dibromoethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
Dibromomethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,3-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,4-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Dichlorodifluoromethane	BDL	0.0057	mg/kg	8260B	05/31/09	1
1,1-Dichloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2-Dichloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/31/09	1
cis-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/31/09	1
trans-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/31/09	1
cis-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/31/09	1
trans-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/31/09	1
2,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	05/31/09	1
Di-isopropyl ether	BDL	0.0011	mg/kg	8260B	05/31/09	1
Ethylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Hexachloro-1,3-butadiene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Isopropylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

June 04, 2009

Date Received : May 30, 2009
Description : Marketplace Retail LSI

Sample ID : MW2-8 23 FT

Collected By : Travis Hauk
Collection Date : 05/28/09 13:26

ESC Sample # : L405016-09

Site ID :

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0011	mg/kg	8260B	05/31/09	1
2-Butanone (MEK)	BDL	0.011	mg/kg	8260B	05/31/09	1
Methylene Chloride	BDL	0.0057	mg/kg	8260B	05/31/09	1
4-Methyl-2-pentanone (MIBK)	BDL	0.011	mg/kg	8260B	05/31/09	1
Methyl tert-butyl ether	BDL	0.0011	mg/kg	8260B	05/31/09	1
Naphthalene	BDL	0.0057	mg/kg	8260B	05/31/09	1
n-Propylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Styrene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1,1,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1,2,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0011	mg/kg	8260B	05/31/09	1
Tetrachloroethene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Toluene	BDL	0.0057	mg/kg	8260B	05/31/09	1
1,2,3-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2,4-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1,1-Trichloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1,2-Trichloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
Trichloroethene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Trichlorofluoromethane	BDL	0.0057	mg/kg	8260B	05/31/09	1
1,2,3-Trichloropropane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2,4-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2,3-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,3,5-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Vinyl chloride	BDL	0.0011	mg/kg	8260B	05/31/09	1
Xylenes, Total	BDL	0.0034	mg/kg	8260B	05/31/09	1
Surrogate Recovery						
Toluene-d8	90.5		% Rec.	8260B	05/31/09	1
Dibromofluoromethane	77.9		% Rec.	8260B	05/31/09	1
a,a,a-Trifluorotoluene	114.		% Rec.	8260B	05/31/09	1
4-Bromofluorobenzene	98.5		% Rec.	8260B	05/31/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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Est. 1970

REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

June 04, 2009

Date Received : May 30, 2009
Description : Marketplace Retail LSI

Sample ID : MW2-9 44 FT

Collected By : Travis Hauk
Collection Date : 05/28/09 14:07

ESC Sample # : L405016-10

Site ID :

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	93.6		%	2540G	06/04/09	1
Volatile Organics						
Acetone	BDL	0.053	mg/kg	8260B	05/31/09	1
Acrylonitrile	BDL	0.011	mg/kg	8260B	05/31/09	1
Benzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Bromobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Bromodichloromethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
Bromoform	BDL	0.0011	mg/kg	8260B	05/31/09	1
Bromomethane	BDL	0.0053	mg/kg	8260B	05/31/09	1
n-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
sec-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
tert-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Carbon tetrachloride	BDL	0.0011	mg/kg	8260B	05/31/09	1
Chlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Chlorodibromomethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
Chloroethane	BDL	0.0053	mg/kg	8260B	05/31/09	1
2-Chloroethyl vinyl ether	BDL	0.053	mg/kg	8260B	05/31/09	1
Chloroform	BDL	0.0053	mg/kg	8260B	05/31/09	1
Chloromethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
2-Chlorotoluene	BDL	0.0011	mg/kg	8260B	05/31/09	1
4-Chlorotoluene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2-Dibromo-3-Chloropropane	BDL	0.0053	mg/kg	8260B	05/31/09	1
1,2-Dibromoethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
Dibromomethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,3-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,4-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Dichlorodifluoromethane	BDL	0.0053	mg/kg	8260B	05/31/09	1
1,1-Dichloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2-Dichloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/31/09	1
cis-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/31/09	1
trans-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/31/09	1
cis-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/31/09	1
trans-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/31/09	1
2,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	05/31/09	1
Di-isopropyl ether	BDL	0.0011	mg/kg	8260B	05/31/09	1
Ethylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Hexachloro-1,3-butadiene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Isopropylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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Est. 1970

REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

June 04, 2009

Date Received : May 30, 2009
Description : Marketplace Retail LSI
Sample ID : MW2-9 44 FT
Collected By : Travis Hauk
Collection Date : 05/28/09 14:07

ESC Sample # : L405016-10

Site ID :

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0011	mg/kg	8260B	05/31/09	1
2-Butanone (MEK)	BDL	0.011	mg/kg	8260B	05/31/09	1
Methylene Chloride	BDL	0.0053	mg/kg	8260B	05/31/09	1
4-Methyl-2-pentanone (MIBK)	BDL	0.011	mg/kg	8260B	05/31/09	1
Methyl tert-butyl ether	BDL	0.0011	mg/kg	8260B	05/31/09	1
Naphthalene	BDL	0.0053	mg/kg	8260B	05/31/09	1
n-Propylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Styrene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1,1,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1,2,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0011	mg/kg	8260B	05/31/09	1
Tetrachloroethene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Toluene	BDL	0.0053	mg/kg	8260B	05/31/09	1
1,2,3-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2,4-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1,1-Trichloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1,2-Trichloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
Trichloroethene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Trichlorofluoromethane	BDL	0.0053	mg/kg	8260B	05/31/09	1
1,2,3-Trichloropropane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2,4-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2,3-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,3,5-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Vinyl chloride	BDL	0.0011	mg/kg	8260B	05/31/09	1
Xylenes, Total	BDL	0.0032	mg/kg	8260B	05/31/09	1
Surrogate Recovery						
Toluene-d8	88.7		% Rec.	8260B	05/31/09	1
Dibromofluoromethane	72.0		% Rec.	8260B	05/31/09	1
a,a,a-Trifluorotoluene	113.		% Rec.	8260B	05/31/09	1
4-Bromofluorobenzene	101.		% Rec.	8260B	05/31/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

June 04, 2009

Date Received : May 30, 2009
Description : Marketplace Retail LSI

Sample ID : MW2-10 33 FT

Collected By : Travis Hauk
Collection Date : 05/28/09 13:58

ESC Sample # : L405016-11

Site ID :

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	95.1		%	2540G	06/04/09	1
Volatiles Organics						
Acetone	BDL	0.052	mg/kg	8260B	05/31/09	1
Acrylonitrile	BDL	0.010	mg/kg	8260B	05/31/09	1
Benzene	BDL	0.0010	mg/kg	8260B	05/31/09	1
Bromobenzene	BDL	0.0010	mg/kg	8260B	05/31/09	1
Bromodichloromethane	BDL	0.0010	mg/kg	8260B	05/31/09	1
Bromoform	BDL	0.0010	mg/kg	8260B	05/31/09	1
Bromomethane	BDL	0.0052	mg/kg	8260B	05/31/09	1
n-Butylbenzene	BDL	0.0010	mg/kg	8260B	05/31/09	1
sec-Butylbenzene	BDL	0.0010	mg/kg	8260B	05/31/09	1
tert-Butylbenzene	BDL	0.0010	mg/kg	8260B	05/31/09	1
Carbon tetrachloride	BDL	0.0010	mg/kg	8260B	05/31/09	1
Chlorobenzene	BDL	0.0010	mg/kg	8260B	05/31/09	1
Chlorodibromomethane	BDL	0.0010	mg/kg	8260B	05/31/09	1
Chloroethane	BDL	0.0052	mg/kg	8260B	05/31/09	1
2-Chloroethyl vinyl ether	BDL	0.052	mg/kg	8260B	05/31/09	1
Chloroform	BDL	0.0052	mg/kg	8260B	05/31/09	1
Chloromethane	BDL	0.0010	mg/kg	8260B	05/31/09	1
2-Chlorotoluene	BDL	0.0010	mg/kg	8260B	05/31/09	1
4-Chlorotoluene	BDL	0.0010	mg/kg	8260B	05/31/09	1
1,2-Dibromo-3-Chloropropane	BDL	0.0052	mg/kg	8260B	05/31/09	1
1,2-Dibromoethane	BDL	0.0010	mg/kg	8260B	05/31/09	1
Dibromomethane	BDL	0.0010	mg/kg	8260B	05/31/09	1
1,2-Dichlorobenzene	BDL	0.0010	mg/kg	8260B	05/31/09	1
1,3-Dichlorobenzene	BDL	0.0010	mg/kg	8260B	05/31/09	1
1,4-Dichlorobenzene	BDL	0.0010	mg/kg	8260B	05/31/09	1
Dichlorodifluoromethane	BDL	0.0052	mg/kg	8260B	05/31/09	1
1,1-Dichloroethane	BDL	0.0010	mg/kg	8260B	05/31/09	1
1,2-Dichloroethane	BDL	0.0010	mg/kg	8260B	05/31/09	1
1,1-Dichloroethene	BDL	0.0010	mg/kg	8260B	05/31/09	1
cis-1,2-Dichloroethene	BDL	0.0010	mg/kg	8260B	05/31/09	1
trans-1,2-Dichloroethene	BDL	0.0010	mg/kg	8260B	05/31/09	1
1,2-Dichloropropane	BDL	0.0010	mg/kg	8260B	05/31/09	1
1,1-Dichloropropene	BDL	0.0010	mg/kg	8260B	05/31/09	1
1,3-Dichloropropene	BDL	0.0010	mg/kg	8260B	05/31/09	1
cis-1,3-Dichloropropene	BDL	0.0010	mg/kg	8260B	05/31/09	1
trans-1,3-Dichloropropene	BDL	0.0010	mg/kg	8260B	05/31/09	1
2,2-Dichloropropane	BDL	0.0010	mg/kg	8260B	05/31/09	1
Di-isopropyl ether	BDL	0.0010	mg/kg	8260B	05/31/09	1
Ethylbenzene	BDL	0.0010	mg/kg	8260B	05/31/09	1
Hexachloro-1,3-butadiene	BDL	0.0010	mg/kg	8260B	05/31/09	1
Isopropylbenzene	BDL	0.0010	mg/kg	8260B	05/31/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

June 04, 2009

Date Received : May 30, 2009
Description : Marketplace Retail LSI
Sample ID : MW2-10 33 FT
Collected By : Travis Hauk
Collection Date : 05/28/09 13:58

ESC Sample # : L405016-11

Site ID :

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0010	mg/kg	8260B	05/31/09	1
2-Butanone (MEK)	BDL	0.010	mg/kg	8260B	05/31/09	1
Methylene Chloride	BDL	0.0052	mg/kg	8260B	05/31/09	1
4-Methyl-2-pentanone (MIBK)	BDL	0.010	mg/kg	8260B	05/31/09	1
Methyl tert-butyl ether	BDL	0.0010	mg/kg	8260B	05/31/09	1
Naphthalene	BDL	0.0052	mg/kg	8260B	05/31/09	1
n-Propylbenzene	BDL	0.0010	mg/kg	8260B	05/31/09	1
Styrene	BDL	0.0010	mg/kg	8260B	05/31/09	1
1,1,1,2-Tetrachloroethane	BDL	0.0010	mg/kg	8260B	05/31/09	1
1,1,2,2-Tetrachloroethane	BDL	0.0010	mg/kg	8260B	05/31/09	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0010	mg/kg	8260B	05/31/09	1
Tetrachloroethene	BDL	0.0010	mg/kg	8260B	05/31/09	1
Toluene	BDL	0.0052	mg/kg	8260B	05/31/09	1
1,2,3-Trichlorobenzene	BDL	0.0010	mg/kg	8260B	05/31/09	1
1,2,4-Trichlorobenzene	BDL	0.0010	mg/kg	8260B	05/31/09	1
1,1,1-Trichloroethane	BDL	0.0010	mg/kg	8260B	05/31/09	1
1,1,2-Trichloroethane	BDL	0.0010	mg/kg	8260B	05/31/09	1
Trichloroethene	BDL	0.0010	mg/kg	8260B	05/31/09	1
Trichlorofluoromethane	BDL	0.0052	mg/kg	8260B	05/31/09	1
1,2,3-Trichloropropane	BDL	0.0010	mg/kg	8260B	05/31/09	1
1,2,4-Trimethylbenzene	BDL	0.0010	mg/kg	8260B	05/31/09	1
1,2,3-Trimethylbenzene	BDL	0.0010	mg/kg	8260B	05/31/09	1
1,3,5-Trimethylbenzene	BDL	0.0010	mg/kg	8260B	05/31/09	1
Vinyl chloride	BDL	0.0010	mg/kg	8260B	05/31/09	1
Xylenes, Total	BDL	0.0032	mg/kg	8260B	05/31/09	1
Surrogate Recovery						
Toluene-d8	90.8		% Rec.	8260B	05/31/09	1
Dibromofluoromethane	83.9		% Rec.	8260B	05/31/09	1
a,a,a-Trifluorotoluene	120.		% Rec.	8260B	05/31/09	1
4-Bromofluorobenzene	107.		% Rec.	8260B	05/31/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

June 04, 2009

Date Received : May 30, 2009
Description : Marketplace Retail LSI
Sample ID : MW3-11 7.5 FT
Collected By : Travis Hauk
Collection Date : 05/29/09 08:44

ESC Sample # : L405016-12

Site ID :

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	86.5		%	2540G	06/04/09	1
Volatile Organics						
Acetone	BDL	0.058	mg/kg	8260B	05/31/09	1
Acrylonitrile	BDL	0.012	mg/kg	8260B	05/31/09	1
Benzene	BDL	0.0012	mg/kg	8260B	05/31/09	1
Bromobenzene	BDL	0.0012	mg/kg	8260B	05/31/09	1
Bromodichloromethane	BDL	0.0012	mg/kg	8260B	05/31/09	1
Bromoform	BDL	0.0012	mg/kg	8260B	05/31/09	1
Bromomethane	BDL	0.0058	mg/kg	8260B	05/31/09	1
n-Butylbenzene	BDL	0.0012	mg/kg	8260B	05/31/09	1
sec-Butylbenzene	BDL	0.0012	mg/kg	8260B	05/31/09	1
tert-Butylbenzene	BDL	0.0012	mg/kg	8260B	05/31/09	1
Carbon tetrachloride	BDL	0.0012	mg/kg	8260B	05/31/09	1
Chlorobenzene	BDL	0.0012	mg/kg	8260B	05/31/09	1
Chlorodibromomethane	BDL	0.0012	mg/kg	8260B	05/31/09	1
Chloroethane	BDL	0.0058	mg/kg	8260B	05/31/09	1
2-Chloroethyl vinyl ether	BDL	0.058	mg/kg	8260B	05/31/09	1
Chloroform	BDL	0.0058	mg/kg	8260B	05/31/09	1
Chloromethane	BDL	0.0012	mg/kg	8260B	05/31/09	1
2-Chlorotoluene	BDL	0.0012	mg/kg	8260B	05/31/09	1
4-Chlorotoluene	BDL	0.0012	mg/kg	8260B	05/31/09	1
1,2-Dibromo-3-Chloropropane	BDL	0.0058	mg/kg	8260B	05/31/09	1
1,2-Dibromoethane	BDL	0.0012	mg/kg	8260B	05/31/09	1
Dibromomethane	BDL	0.0012	mg/kg	8260B	05/31/09	1
1,2-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	05/31/09	1
1,3-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	05/31/09	1
1,4-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	05/31/09	1
Dichlorodifluoromethane	BDL	0.0058	mg/kg	8260B	05/31/09	1
1,1-Dichloroethane	BDL	0.0012	mg/kg	8260B	05/31/09	1
1,2-Dichloroethane	BDL	0.0012	mg/kg	8260B	05/31/09	1
1,1-Dichloroethene	BDL	0.0012	mg/kg	8260B	05/31/09	1
cis-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	05/31/09	1
trans-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	05/31/09	1
1,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	05/31/09	1
1,1-Dichloropropene	BDL	0.0012	mg/kg	8260B	05/31/09	1
1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	05/31/09	1
cis-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	05/31/09	1
trans-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	05/31/09	1
2,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	05/31/09	1
Di-isopropyl ether	BDL	0.0012	mg/kg	8260B	05/31/09	1
Ethylbenzene	BDL	0.0012	mg/kg	8260B	05/31/09	1
Hexachloro-1,3-butadiene	BDL	0.0012	mg/kg	8260B	05/31/09	1
Isopropylbenzene	BDL	0.0012	mg/kg	8260B	05/31/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

June 04, 2009

Date Received : May 30, 2009
Description : Marketplace Retail LSI

Sample ID : MW3-11 7.5 FT

Collected By : Travis Hauk
Collection Date : 05/29/09 08:44

ESC Sample # : L405016-12

Site ID :

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0012	mg/kg	8260B	05/31/09	1
2-Butanone (MEK)	BDL	0.012	mg/kg	8260B	05/31/09	1
Methylene Chloride	BDL	0.0058	mg/kg	8260B	05/31/09	1
4-Methyl-2-pentanone (MIBK)	BDL	0.012	mg/kg	8260B	05/31/09	1
Methyl tert-butyl ether	BDL	0.0012	mg/kg	8260B	05/31/09	1
Naphthalene	BDL	0.0058	mg/kg	8260B	05/31/09	1
n-Propylbenzene	BDL	0.0012	mg/kg	8260B	05/31/09	1
Styrene	BDL	0.0012	mg/kg	8260B	05/31/09	1
1,1,1,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	05/31/09	1
1,1,2,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	05/31/09	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0012	mg/kg	8260B	05/31/09	1
Tetrachloroethene	0.0045	0.0012	mg/kg	8260B	05/31/09	1
Toluene	BDL	0.0058	mg/kg	8260B	05/31/09	1
1,2,3-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	05/31/09	1
1,2,4-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	05/31/09	1
1,1,1-Trichloroethane	BDL	0.0012	mg/kg	8260B	05/31/09	1
1,1,2-Trichloroethane	BDL	0.0012	mg/kg	8260B	05/31/09	1
Trichloroethene	BDL	0.0012	mg/kg	8260B	05/31/09	1
Trichlorofluoromethane	BDL	0.0058	mg/kg	8260B	05/31/09	1
1,2,3-Trichloropropane	BDL	0.0012	mg/kg	8260B	05/31/09	1
1,2,4-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	05/31/09	1
1,2,3-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	05/31/09	1
1,3,5-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	05/31/09	1
Vinyl chloride	BDL	0.0012	mg/kg	8260B	05/31/09	1
Xylenes, Total	BDL	0.0035	mg/kg	8260B	05/31/09	1
Surrogate Recovery						
Toluene-d8	100.		% Rec.	8260B	05/31/09	1
Dibromofluoromethane	85.2		% Rec.	8260B	05/31/09	1
a,a,a-Trifluorotoluene	121.		% Rec.	8260B	05/31/09	1
4-Bromofluorobenzene	105.		% Rec.	8260B	05/31/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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Est. 1970

REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

June 04, 2009

Date Received : May 30, 2009
Description : Marketplace Retail LSI

ESC Sample # : L405016-13

Sample ID : MW3-12 13 FT

Site ID :

Collected By : Travis Hauk
Collection Date : 05/29/09 08:53

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	94.2		%	2540G	06/04/09	1
Volatile Organics						
Acetone	BDL	0.053	mg/kg	8260B	05/31/09	1
Acrylonitrile	BDL	0.011	mg/kg	8260B	05/31/09	1
Benzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Bromobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Bromodichloromethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
Bromoform	BDL	0.0011	mg/kg	8260B	05/31/09	1
Bromomethane	BDL	0.0053	mg/kg	8260B	05/31/09	1
n-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
sec-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
tert-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Carbon tetrachloride	BDL	0.0011	mg/kg	8260B	05/31/09	1
Chlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Chlorodibromomethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
Chloroethane	BDL	0.0053	mg/kg	8260B	05/31/09	1
2-Chloroethyl vinyl ether	BDL	0.053	mg/kg	8260B	05/31/09	1
Chloroform	BDL	0.0053	mg/kg	8260B	05/31/09	1
Chloromethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
2-Chlorotoluene	BDL	0.0011	mg/kg	8260B	05/31/09	1
4-Chlorotoluene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2-Dibromo-3-Chloropropane	BDL	0.0053	mg/kg	8260B	05/31/09	1
1,2-Dibromoethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
Dibromomethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,3-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,4-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Dichlorodifluoromethane	BDL	0.0053	mg/kg	8260B	05/31/09	1
1,1-Dichloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2-Dichloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/31/09	1
cis-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/31/09	1
trans-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/31/09	1
cis-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/31/09	1
trans-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/31/09	1
2,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	05/31/09	1
Di-isopropyl ether	BDL	0.0011	mg/kg	8260B	05/31/09	1
Ethylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Hexachloro-1,3-butadiene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Isopropylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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Est. 1970

REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

June 04, 2009

Date Received : May 30, 2009
Description : Marketplace Retail LSI
Sample ID : MW3-12 13 FT
Collected By : Travis Hauk
Collection Date : 05/29/09 08:53

ESC Sample # : L405016-13

Site ID :

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0011	mg/kg	8260B	05/31/09	1
2-Butanone (MEK)	BDL	0.011	mg/kg	8260B	05/31/09	1
Methylene Chloride	BDL	0.0053	mg/kg	8260B	05/31/09	1
4-Methyl-2-pentanone (MIBK)	BDL	0.011	mg/kg	8260B	05/31/09	1
Methyl tert-butyl ether	BDL	0.0011	mg/kg	8260B	05/31/09	1
Naphthalene	BDL	0.0053	mg/kg	8260B	05/31/09	1
n-Propylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Styrene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1,1,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1,2,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0011	mg/kg	8260B	05/31/09	1
Tetrachloroethene	0.0039	0.0011	mg/kg	8260B	05/31/09	1
Toluene	BDL	0.0053	mg/kg	8260B	05/31/09	1
1,2,3-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2,4-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1,1-Trichloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1,2-Trichloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
Trichloroethene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Trichlorofluoromethane	BDL	0.0053	mg/kg	8260B	05/31/09	1
1,2,3-Trichloropropane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2,4-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2,3-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,3,5-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Vinyl chloride	BDL	0.0011	mg/kg	8260B	05/31/09	1
Xylenes, Total	BDL	0.0032	mg/kg	8260B	05/31/09	1
Surrogate Recovery						
Toluene-d8	93.3		% Rec.	8260B	05/31/09	1
Dibromofluoromethane	85.3		% Rec.	8260B	05/31/09	1
a,a,a-Trifluorotoluene	113.		% Rec.	8260B	05/31/09	1
4-Bromofluorobenzene	106.		% Rec.	8260B	05/31/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

June 04, 2009

Date Received : May 30, 2009
Description : Marketplace Retail LSI

Sample ID : MW3-13 27.5 FT

Collected By : Travis Hauk
Collection Date : 05/29/09 09:29

ESC Sample # : L405016-14

Site ID :

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	90.6		%	2540G	06/04/09	1
Volatile Organics						
Acetone	BDL	0.055	mg/kg	8260B	05/31/09	1
Acrylonitrile	BDL	0.011	mg/kg	8260B	05/31/09	1
Benzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Bromobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Bromodichloromethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
Bromoform	BDL	0.0011	mg/kg	8260B	05/31/09	1
Bromomethane	BDL	0.0055	mg/kg	8260B	05/31/09	1
n-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
sec-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
tert-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Carbon tetrachloride	BDL	0.0011	mg/kg	8260B	05/31/09	1
Chlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Chlorodibromomethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
Chloroethane	BDL	0.0055	mg/kg	8260B	05/31/09	1
2-Chloroethyl vinyl ether	BDL	0.055	mg/kg	8260B	05/31/09	1
Chloroform	BDL	0.0055	mg/kg	8260B	05/31/09	1
Chloromethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
2-Chlorotoluene	BDL	0.0011	mg/kg	8260B	05/31/09	1
4-Chlorotoluene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2-Dibromo-3-Chloropropane	BDL	0.0055	mg/kg	8260B	05/31/09	1
1,2-Dibromoethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
Dibromomethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,3-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,4-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Dichlorodifluoromethane	BDL	0.0055	mg/kg	8260B	05/31/09	1
1,1-Dichloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2-Dichloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/31/09	1
cis-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/31/09	1
trans-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/31/09	1
cis-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/31/09	1
trans-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/31/09	1
2,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	05/31/09	1
Di-isopropyl ether	BDL	0.0011	mg/kg	8260B	05/31/09	1
Ethylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Hexachloro-1,3-butadiene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Isopropylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

June 04, 2009

Date Received : May 30, 2009
Description : Marketplace Retail LSI

ESC Sample # : L405016-14

Sample ID : MW3-13 27.5 FT

Site ID :

Collected By : Travis Hauk
Collection Date : 05/29/09 09:29

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0011	mg/kg	8260B	05/31/09	1
2-Butanone (MEK)	BDL	0.011	mg/kg	8260B	05/31/09	1
Methylene Chloride	BDL	0.0055	mg/kg	8260B	05/31/09	1
4-Methyl-2-pentanone (MIBK)	BDL	0.011	mg/kg	8260B	05/31/09	1
Methyl tert-butyl ether	BDL	0.0011	mg/kg	8260B	05/31/09	1
Naphthalene	BDL	0.0055	mg/kg	8260B	05/31/09	1
n-Propylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Styrene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1,1,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1,2,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0011	mg/kg	8260B	05/31/09	1
Tetrachloroethene	0.0093	0.0011	mg/kg	8260B	05/31/09	1
Toluene	BDL	0.0055	mg/kg	8260B	05/31/09	1
1,2,3-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2,4-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1,1-Trichloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1,2-Trichloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
Trichloroethene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Trichlorofluoromethane	BDL	0.0055	mg/kg	8260B	05/31/09	1
1,2,3-Trichloropropane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2,4-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2,3-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,3,5-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Vinyl chloride	BDL	0.0011	mg/kg	8260B	05/31/09	1
Xylenes, Total	BDL	0.0033	mg/kg	8260B	05/31/09	1
Surrogate Recovery						
Toluene-d8	97.3		% Rec.	8260B	05/31/09	1
Dibromofluoromethane	74.5		% Rec.	8260B	05/31/09	1
a,a,a-Trifluorotoluene	118.		% Rec.	8260B	05/31/09	1
4-Bromofluorobenzene	107.		% Rec.	8260B	05/31/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

June 04, 2009

Date Received : May 30, 2009
Description : Marketplace Retail LSI
Sample ID : MW3-14 31 FT
Collected By : Travis Hauk
Collection Date : 05/29/09 09:37

ESC Sample # : L405016-15

Site ID :

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	87.0		%	2540G	06/04/09	1
Volatile Organics						
Acetone	BDL	0.057	mg/kg	8260B	05/31/09	1
Acrylonitrile	BDL	0.011	mg/kg	8260B	05/31/09	1
Benzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Bromobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Bromodichloromethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
Bromoform	BDL	0.0011	mg/kg	8260B	05/31/09	1
Bromomethane	BDL	0.0057	mg/kg	8260B	05/31/09	1
n-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
sec-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
tert-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Carbon tetrachloride	BDL	0.0011	mg/kg	8260B	05/31/09	1
Chlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Chlorodibromomethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
Chloroethane	BDL	0.0057	mg/kg	8260B	05/31/09	1
2-Chloroethyl vinyl ether	BDL	0.057	mg/kg	8260B	05/31/09	1
Chloroform	BDL	0.0057	mg/kg	8260B	05/31/09	1
Chloromethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
2-Chlorotoluene	BDL	0.0011	mg/kg	8260B	05/31/09	1
4-Chlorotoluene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2-Dibromo-3-Chloropropane	BDL	0.0057	mg/kg	8260B	05/31/09	1
1,2-Dibromoethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
Dibromomethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,3-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,4-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Dichlorodifluoromethane	BDL	0.0057	mg/kg	8260B	05/31/09	1
1,1-Dichloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2-Dichloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/31/09	1
cis-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/31/09	1
trans-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/31/09	1
cis-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/31/09	1
trans-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/31/09	1
2,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	05/31/09	1
Di-isopropyl ether	BDL	0.0011	mg/kg	8260B	05/31/09	1
Ethylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Hexachloro-1,3-butadiene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Isopropylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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Est. 1970

REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

June 04, 2009

Date Received : May 30, 2009
Description : Marketplace Retail LSI
Sample ID : MW3-14 31 FT
Collected By : Travis Hauk
Collection Date : 05/29/09 09:37

ESC Sample # : L405016-15

Site ID :

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0011	mg/kg	8260B	05/31/09	1
2-Butanone (MEK)	BDL	0.011	mg/kg	8260B	05/31/09	1
Methylene Chloride	BDL	0.0057	mg/kg	8260B	05/31/09	1
4-Methyl-2-pentanone (MIBK)	BDL	0.011	mg/kg	8260B	05/31/09	1
Methyl tert-butyl ether	BDL	0.0011	mg/kg	8260B	05/31/09	1
Naphthalene	BDL	0.0057	mg/kg	8260B	05/31/09	1
n-Propylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Styrene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1,1,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1,2,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0011	mg/kg	8260B	05/31/09	1
Tetrachloroethene	0.0023	0.0011	mg/kg	8260B	05/31/09	1
Toluene	BDL	0.0057	mg/kg	8260B	05/31/09	1
1,2,3-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2,4-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1,1-Trichloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1,2-Trichloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
Trichloroethene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Trichlorofluoromethane	BDL	0.0057	mg/kg	8260B	05/31/09	1
1,2,3-Trichloropropane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2,4-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2,3-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,3,5-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Vinyl chloride	BDL	0.0011	mg/kg	8260B	05/31/09	1
Xylenes, Total	BDL	0.0034	mg/kg	8260B	05/31/09	1
Surrogate Recovery						
Toluene-d8	99.7		% Rec.	8260B	05/31/09	1
Dibromofluoromethane	76.4		% Rec.	8260B	05/31/09	1
a,a,a-Trifluorotoluene	123.		% Rec.	8260B	05/31/09	1
4-Bromofluorobenzene	107.		% Rec.	8260B	05/31/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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Est. 1970

REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

June 04, 2009

Date Received : May 30, 2009
Description : Marketplace Retail LSI

Sample ID : MW3-15 37 FT

Collected By : Travis Hauk
Collection Date : 05/29/09 09:49

ESC Sample # : L405016-16

Site ID :

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	92.5		%	2540G	06/04/09	1
Volatile Organics						
Acetone	BDL	0.054	mg/kg	8260B	05/31/09	1
Acrylonitrile	BDL	0.011	mg/kg	8260B	05/31/09	1
Benzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Bromobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Bromodichloromethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
Bromoform	BDL	0.0011	mg/kg	8260B	05/31/09	1
Bromomethane	BDL	0.0054	mg/kg	8260B	05/31/09	1
n-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
sec-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
tert-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Carbon tetrachloride	BDL	0.0011	mg/kg	8260B	05/31/09	1
Chlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Chlorodibromomethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
Chloroethane	BDL	0.0054	mg/kg	8260B	05/31/09	1
2-Chloroethyl vinyl ether	BDL	0.054	mg/kg	8260B	05/31/09	1
Chloroform	BDL	0.0054	mg/kg	8260B	05/31/09	1
Chloromethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
2-Chlorotoluene	BDL	0.0011	mg/kg	8260B	05/31/09	1
4-Chlorotoluene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2-Dibromo-3-Chloropropane	BDL	0.0054	mg/kg	8260B	05/31/09	1
1,2-Dibromoethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
Dibromomethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,3-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,4-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Dichlorodifluoromethane	BDL	0.0054	mg/kg	8260B	05/31/09	1
1,1-Dichloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2-Dichloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/31/09	1
cis-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/31/09	1
trans-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/31/09	1
cis-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/31/09	1
trans-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/31/09	1
2,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	05/31/09	1
Di-isopropyl ether	BDL	0.0011	mg/kg	8260B	05/31/09	1
Ethylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Hexachloro-1,3-butadiene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Isopropylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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Est. 1970

REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

June 04, 2009

Date Received : May 30, 2009
Description : Marketplace Retail LSI
Sample ID : MW3-15 37 FT
Collected By : Travis Hauk
Collection Date : 05/29/09 09:49

ESC Sample # : L405016-16

Site ID :

Project # : 81097016

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0011	mg/kg	8260B	05/31/09	1
2-Butanone (MEK)	BDL	0.011	mg/kg	8260B	05/31/09	1
Methylene Chloride	BDL	0.0054	mg/kg	8260B	05/31/09	1
4-Methyl-2-pentanone (MIBK)	BDL	0.011	mg/kg	8260B	05/31/09	1
Methyl tert-butyl ether	BDL	0.0011	mg/kg	8260B	05/31/09	1
Naphthalene	BDL	0.0054	mg/kg	8260B	05/31/09	1
n-Propylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Styrene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1,1,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1,2,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0011	mg/kg	8260B	05/31/09	1
Tetrachloroethene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Toluene	BDL	0.0054	mg/kg	8260B	05/31/09	1
1,2,3-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2,4-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1,1-Trichloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,1,2-Trichloroethane	BDL	0.0011	mg/kg	8260B	05/31/09	1
Trichloroethene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Trichlorofluoromethane	BDL	0.0054	mg/kg	8260B	05/31/09	1
1,2,3-Trichloropropane	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2,4-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,2,3-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
1,3,5-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/31/09	1
Vinyl chloride	BDL	0.0011	mg/kg	8260B	05/31/09	1
Xylenes, Total	BDL	0.0032	mg/kg	8260B	05/31/09	1
Surrogate Recovery						
Toluene-d8	94.1		% Rec.	8260B	05/31/09	1
Dibromofluoromethane	78.5		% Rec.	8260B	05/31/09	1
a,a,a-Trifluorotoluene	120.		% Rec.	8260B	05/31/09	1
4-Bromofluorobenzene	108.		% Rec.	8260B	05/31/09	1

Results listed are dry weight basis.

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
L405016-01	WG424224	SAMP	Bromoform	R763826	J4
L405016-02	WG424224	SAMP	Bromoform	R763826	J4
L405016-03	WG424224	SAMP	Bromoform	R763826	J4
L405016-04	WG424224	SAMP	Bromoform	R763826	J4
L405016-05	WG424224	SAMP	Bromoform	R763826	J4
L405016-06	WG424224	SAMP	Bromoform	R763826	J4
L405016-07	WG424224	SAMP	Bromoform	R763826	J4
	WG424224	SAMP	a, a, a-Trifluorotoluene	R763826	J1
L405016-09	WG424224	SAMP	Bromoform	R763826	J4
L405016-10	WG424224	SAMP	Bromoform	R763826	J4
L405016-11	WG424224	SAMP	Bromoform	R763826	J4
	WG424224	SAMP	a, a, a-Trifluorotoluene	R763826	J1
L405016-12	WG424224	SAMP	Bromoform	R763826	J4
	WG424224	SAMP	a, a, a-Trifluorotoluene	R763826	J1
L405016-13	WG424224	SAMP	Bromoform	R763826	J4
L405016-14	WG424224	SAMP	Bromoform	R763826	J4
	WG424224	SAMP	a, a, a-Trifluorotoluene	R763826	J1
L405016-15	WG424224	SAMP	Bromoform	R763826	J4
	WG424224	SAMP	a, a, a-Trifluorotoluene	R763826	J1
L405016-16	WG424224	SAMP	Bromoform	R763826	J4
	WG424224	SAMP	a, a, a-Trifluorotoluene	R763826	J1

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits
J4	The associated batch QC was outside the established quality control range for accuracy.

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

Definitions

- Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.
- Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Difference.
- Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromatography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.
- TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

Summary of Remarks For Samples Printed
06/04/09 at 14:33:48

TSR Signing Reports: 358
R5 - Desired TAT

Sample: L405016-01 Account: TERRLWA Received: 05/30/09 09:00 Due Date: 06/05/09 00:00 RPT Date: 06/04/09 14:32
Sample: L405016-02 Account: TERRLWA Received: 05/30/09 09:00 Due Date: 06/05/09 00:00 RPT Date: 06/04/09 14:32
Sample: L405016-03 Account: TERRLWA Received: 05/30/09 09:00 Due Date: 06/05/09 00:00 RPT Date: 06/04/09 14:32
Sample: L405016-04 Account: TERRLWA Received: 05/30/09 09:00 Due Date: 06/05/09 00:00 RPT Date: 06/04/09 14:32
Sample: L405016-05 Account: TERRLWA Received: 05/30/09 09:00 Due Date: 06/05/09 00:00 RPT Date: 06/04/09 14:32
Sample: L405016-06 Account: TERRLWA Received: 05/30/09 09:00 Due Date: 06/05/09 00:00 RPT Date: 06/04/09 14:32
Sample: L405016-07 Account: TERRLWA Received: 05/30/09 09:00 Due Date: 06/05/09 00:00 RPT Date: 06/04/09 14:32
Sample: L405016-08 Account: TERRLWA Received: 05/30/09 09:00 Due Date: 06/05/09 00:00 RPT Date: 06/04/09 14:32
Sample: L405016-09 Account: TERRLWA Received: 05/30/09 09:00 Due Date: 06/05/09 00:00 RPT Date: 06/04/09 14:32
Sample: L405016-10 Account: TERRLWA Received: 05/30/09 09:00 Due Date: 06/05/09 00:00 RPT Date: 06/04/09 14:32
Sample: L405016-11 Account: TERRLWA Received: 05/30/09 09:00 Due Date: 06/05/09 00:00 RPT Date: 06/04/09 14:32
Sample: L405016-12 Account: TERRLWA Received: 05/30/09 09:00 Due Date: 06/05/09 00:00 RPT Date: 06/04/09 14:32
Sample: L405016-13 Account: TERRLWA Received: 05/30/09 09:00 Due Date: 06/05/09 00:00 RPT Date: 06/04/09 14:32
Sample: L405016-14 Account: TERRLWA Received: 05/30/09 09:00 Due Date: 06/05/09 00:00 RPT Date: 06/04/09 14:32
Sample: L405016-15 Account: TERRLWA Received: 05/30/09 09:00 Due Date: 06/05/09 00:00 RPT Date: 06/04/09 14:32
Sample: L405016-16 Account: TERRLWA Received: 05/30/09 09:00 Due Date: 06/05/09 00:00 RPT Date: 06/04/09 14:32



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Terracon- Lynnwood, WA
Mr. Jon Einarsen
21905 64th Ave W Ste 100

Quality Assurance Report Level II

Mountlake Terrace, WA 98043

June 04, 2009

L405016

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
1,1,1,2-Tetrachloroethane	< .001	mg/l			WG424192	05/30/09 14:37
1,1,1-Trichloroethane	< .001	mg/l			WG424192	05/30/09 14:37
1,1,2,2-Tetrachloroethane	< .001	mg/l			WG424192	05/30/09 14:37
1,1,2-Trichloroethane	< .001	mg/l			WG424192	05/30/09 14:37
1,1,2-Trichloro-1,2,2-trifluoroethane	< .001	mg/l			WG424192	05/30/09 14:37
1,1-Dichloroethane	< .001	mg/l			WG424192	05/30/09 14:37
1,1-Dichloroethene	< .001	mg/l			WG424192	05/30/09 14:37
1,1-Dichloropropene	< .001	mg/l			WG424192	05/30/09 14:37
1,2,3-Trichlorobenzene	< .001	mg/l			WG424192	05/30/09 14:37
1,2,3-Trichloropropane	< .001	mg/l			WG424192	05/30/09 14:37
1,2,3-Trimethylbenzene	< .001	mg/l			WG424192	05/30/09 14:37
1,2,4-Trichlorobenzene	< .001	mg/l			WG424192	05/30/09 14:37
1,2,4-Trimethylbenzene	< .001	mg/l			WG424192	05/30/09 14:37
1,2-Dibromo-3-Chloropropane	< .005	mg/l			WG424192	05/30/09 14:37
1,2-Dibromoethane	< .001	mg/l			WG424192	05/30/09 14:37
1,2-Dichlorobenzene	< .001	mg/l			WG424192	05/30/09 14:37
1,2-Dichloroethane	< .001	mg/l			WG424192	05/30/09 14:37
1,2-Dichloropropane	< .001	mg/l			WG424192	05/30/09 14:37
1,3,5-Trimethylbenzene	< .001	mg/l			WG424192	05/30/09 14:37
1,3-Dichlorobenzene	< .001	mg/l			WG424192	05/30/09 14:37
1,3-Dichloropropane	< .001	mg/l			WG424192	05/30/09 14:37
1,4-Dichlorobenzene	< .001	mg/l			WG424192	05/30/09 14:37
2,2-Dichloropropane	< .001	mg/l			WG424192	05/30/09 14:37
2-Butanone (MEK)	< .01	mg/l			WG424192	05/30/09 14:37
2-Chloroethyl vinyl ether	< .001	mg/l			WG424192	05/30/09 14:37
2-Chlorotoluene	< .001	mg/l			WG424192	05/30/09 14:37
4-Chlorotoluene	< .001	mg/l			WG424192	05/30/09 14:37
4-Methyl-2-pentanone (MIBK)	< .01	mg/l			WG424192	05/30/09 14:37
Acetone	< .05	mg/l			WG424192	05/30/09 14:37
Acrolein	< .05	mg/l			WG424192	05/30/09 14:37
Acrylonitrile	< .01	mg/l			WG424192	05/30/09 14:37
Benzene	< .001	mg/l			WG424192	05/30/09 14:37
Bromobenzene	< .001	mg/l			WG424192	05/30/09 14:37
Bromodichloromethane	< .001	mg/l			WG424192	05/30/09 14:37
Bromoform	< .001	mg/l			WG424192	05/30/09 14:37
Bromomethane	< .005	mg/l			WG424192	05/30/09 14:37
Carbon tetrachloride	< .001	mg/l			WG424192	05/30/09 14:37
Chlorobenzene	< .001	mg/l			WG424192	05/30/09 14:37
Chlorodibromomethane	< .001	mg/l			WG424192	05/30/09 14:37
Chloroethane	< .001	mg/l			WG424192	05/30/09 14:37
Chloroform	< .005	mg/l			WG424192	05/30/09 14:37
Chloromethane	< .001	mg/l			WG424192	05/30/09 14:37
cis-1,2-Dichloroethene	< .001	mg/l			WG424192	05/30/09 14:37
cis-1,3-Dichloropropene	< .001	mg/l			WG424192	05/30/09 14:37
Di-isopropyl ether	< .001	mg/l			WG424192	05/30/09 14:37
Dibromomethane	< .001	mg/l			WG424192	05/30/09 14:37
Dichlorodifluoromethane	< .005	mg/l			WG424192	05/30/09 14:37
Ethylbenzene	< .001	mg/l			WG424192	05/30/09 14:37
Hexachloro-1,3-butadiene	< .001	mg/l			WG424192	05/30/09 14:37
Isopropylbenzene	< .001	mg/l			WG424192	05/30/09 14:37
Methyl tert-butyl ether	< .001	mg/l			WG424192	05/30/09 14:37
Methylene Chloride	< .005	mg/l			WG424192	05/30/09 14:37
n-Butylbenzene	< .001	mg/l			WG424192	05/30/09 14:37
n-Propylbenzene	< .001	mg/l			WG424192	05/30/09 14:37
Naphthalene	< .005	mg/l			WG424192	05/30/09 14:37
p-Isopropyltoluene	< .001	mg/l			WG424192	05/30/09 14:37
sec-Butylbenzene	< .001	mg/l			WG424192	05/30/09 14:37
Styrene	< .001	mg/l			WG424192	05/30/09 14:37
tert-Butylbenzene	< .001	mg/l			WG424192	05/30/09 14:37

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Est. 1970

Terracon- Lynnwood, WA
Mr. Jon Einarsen
21905 64th Ave W Ste 100

Quality Assurance Report Level II

Mountlake Terrace, WA 98043

June 04, 2009

L405016

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
Tetrachloroethene	< .001	mg/l			WG424192	05/30/09 14:37
Toluene	< .005	mg/l			WG424192	05/30/09 14:37
trans-1,2-Dichloroethene	< .001	mg/l			WG424192	05/30/09 14:37
trans-1,3-Dichloropropene	< .001	mg/l			WG424192	05/30/09 14:37
Trichloroethene	< .001	mg/l			WG424192	05/30/09 14:37
Trichlorofluoromethane	< .005	mg/l			WG424192	05/30/09 14:37
Vinyl chloride	< .001	mg/l			WG424192	05/30/09 14:37
4-Bromofluorobenzene		% Rec.	97.91	75-128	WG424192	05/30/09 14:37
Dibromofluoromethane		% Rec.	97.29	79-125	WG424192	05/30/09 14:37
Toluene-d8		% Rec.	100.1	87-114	WG424192	05/30/09 14:37
1,1,1,2-Tetrachloroethane	< .001	mg/kg			WG424224	05/31/09 11:52
1,1,1-Trichloroethane	< .001	mg/kg			WG424224	05/31/09 11:52
1,1,2,2-Tetrachloroethane	< .001	mg/kg			WG424224	05/31/09 11:52
1,1,2-Trichloroethane	< .001	mg/kg			WG424224	05/31/09 11:52
1,1,2-Trichloro-1,2,2-trifluoroethane	< .001	mg/kg			WG424224	05/31/09 11:52
1,1-Dichloroethane	< .001	mg/kg			WG424224	05/31/09 11:52
1,1-Dichloroethene	< .001	mg/kg			WG424224	05/31/09 11:52
1,1-Dichloropropene	< .001	mg/kg			WG424224	05/31/09 11:52
1,2,3-Trichlorobenzene	< .001	mg/kg			WG424224	05/31/09 11:52
1,2,3-Trichloropropane	< .001	mg/kg			WG424224	05/31/09 11:52
1,2,3-Trimethylbenzene	< .001	mg/kg			WG424224	05/31/09 11:52
1,2,4-Trichlorobenzene	< .001	mg/kg			WG424224	05/31/09 11:52
1,2,4-Trimethylbenzene	< .001	mg/kg			WG424224	05/31/09 11:52
1,2-Dibromo-3-Chloropropane	< .005	mg/kg			WG424224	05/31/09 11:52
1,2-Dibromoethane	< .001	mg/kg			WG424224	05/31/09 11:52
1,2-Dichlorobenzene	< .001	mg/kg			WG424224	05/31/09 11:52
1,2-Dichloroethane	< .001	mg/kg			WG424224	05/31/09 11:52
1,2-Dichloropropane	< .001	mg/kg			WG424224	05/31/09 11:52
1,3,5-Trimethylbenzene	< .001	mg/kg			WG424224	05/31/09 11:52
1,3-Dichlorobenzene	< .001	mg/kg			WG424224	05/31/09 11:52
1,3-Dichloropropane	< .001	mg/kg			WG424224	05/31/09 11:52
1,4-Dichlorobenzene	< .001	mg/kg			WG424224	05/31/09 11:52
2,2-Dichloropropane	< .001	mg/kg			WG424224	05/31/09 11:52
2-Butanone (MEK)	< .01	mg/kg			WG424224	05/31/09 11:52
2-Chloroethyl vinyl ether	< .001	mg/kg			WG424224	05/31/09 11:52
2-Chlorotoluene	< .001	mg/kg			WG424224	05/31/09 11:52
4-Chlorotoluene	< .001	mg/kg			WG424224	05/31/09 11:52
4-Methyl-2-pentanone (MIBK)	< .01	mg/kg			WG424224	05/31/09 11:52
Acetone	< .05	mg/kg			WG424224	05/31/09 11:52
Acrylonitrile	< .01	mg/kg			WG424224	05/31/09 11:52
Benzene	< .001	mg/kg			WG424224	05/31/09 11:52
Bromobenzene	< .001	mg/kg			WG424224	05/31/09 11:52
Bromodichloromethane	< .001	mg/kg			WG424224	05/31/09 11:52
Bromoform	< .001	mg/kg			WG424224	05/31/09 11:52
Bromomethane	< .005	mg/kg			WG424224	05/31/09 11:52
Carbon tetrachloride	< .001	mg/kg			WG424224	05/31/09 11:52
Chlorobenzene	< .001	mg/kg			WG424224	05/31/09 11:52
Chlorodibromomethane	< .001	mg/kg			WG424224	05/31/09 11:52
Chloroethane	< .005	mg/kg			WG424224	05/31/09 11:52
Chloroform	< .005	mg/kg			WG424224	05/31/09 11:52
Chloromethane	< .001	mg/kg			WG424224	05/31/09 11:52
cis-1,2-Dichloroethene	< .001	mg/kg			WG424224	05/31/09 11:52
cis-1,3-Dichloropropene	< .001	mg/kg			WG424224	05/31/09 11:52
Di-isopropyl ether	< .001	mg/kg			WG424224	05/31/09 11:52
Dibromomethane	< .001	mg/kg			WG424224	05/31/09 11:52
Dichlorodifluoromethane	< .005	mg/kg			WG424224	05/31/09 11:52
Ethylbenzene	< .001	mg/kg			WG424224	05/31/09 11:52

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21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

Quality Assurance Report Level II

L405016

June 04, 2009

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
Hexachloro-1,3-butadiene	< .001	mg/kg			WG424224	05/31/09 11:52
Isopropylbenzene	< .001	mg/kg			WG424224	05/31/09 11:52
Methyl tert-butyl ether	< .001	mg/kg			WG424224	05/31/09 11:52
Methylene Chloride	< .005	mg/kg			WG424224	05/31/09 11:52
n-Butylbenzene	< .001	mg/kg			WG424224	05/31/09 11:52
n-Propylbenzene	< .001	mg/kg			WG424224	05/31/09 11:52
Naphthalene	< .005	mg/kg			WG424224	05/31/09 11:52
p-Isopropyltoluene	< .001	mg/kg			WG424224	05/31/09 11:52
sec-Butylbenzene	< .001	mg/kg			WG424224	05/31/09 11:52
Styrene	< .001	mg/kg			WG424224	05/31/09 11:52
tert-Butylbenzene	< .001	mg/kg			WG424224	05/31/09 11:52
Tetrachloroethene	< .001	mg/kg			WG424224	05/31/09 11:52
Toluene	< .005	mg/kg			WG424224	05/31/09 11:52
trans-1,2-Dichloroethene	< .001	mg/kg			WG424224	05/31/09 11:52
trans-1,3-Dichloropropene	< .001	mg/kg			WG424224	05/31/09 11:52
Trichloroethene	< .001	mg/kg			WG424224	05/31/09 11:52
Trichlorofluoromethane	< .005	mg/kg			WG424224	05/31/09 11:52
Vinyl chloride	< .001	mg/kg			WG424224	05/31/09 11:52
4-Bromofluorobenzene		% Rec.	105.1	59-140	WG424224	05/31/09 11:52
Dibromofluoromethane		% Rec.	88.97	63-139	WG424224	05/31/09 11:52
Toluene-d8		% Rec.	93.60	84-116	WG424224	05/31/09 11:52
a,a,a-Trifluorotoluene		% Rec.	111.4	80-118	WG424224	05/31/09 11:52
Total Solids	< .1	%			WG424684	06/04/09 11:00
Total Solids	< .1	%			WG424685	06/04/09 11:05

Analyte	Units	Duplicate		RPD	Limit	Ref Samp	Batch
		Result	Duplicate				
Total Solids	%	83.5	83.4	0.140	5	L404987-03	WG424684
Total Solids	%	72.1	73.5	1.96	5	L405036-01	WG424685

Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
1,1,1,2-Tetrachloroethane	mg/l	.05	0.0558	112.	75-134	WG424192
1,1,1-Trichloroethane	mg/l	.05	0.0490	97.9	67-137	WG424192
1,1,2,2-Tetrachloroethane	mg/l	.05	0.0502	100.	72-128	WG424192
1,1,2-Trichloroethane	mg/l	.05	0.0481	96.3	79-123	WG424192
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/l	.05	0.0556	111.	51-149	WG424192
1,1-Dichloroethane	mg/l	.05	0.0464	92.7	67-133	WG424192
1,1-Dichloroethene	mg/l	.05	0.0518	104.	60-130	WG424192
1,1-Dichloropropene	mg/l	.05	0.0458	91.6	68-132	WG424192
1,2,3-Trichlorobenzene	mg/l	.05	0.0495	98.9	63-138	WG424192
1,2,3-Trichloropropane	mg/l	.05	0.0507	101.	68-130	WG424192
1,2,3-Trimethylbenzene	mg/l	.05	0.0474	94.8	70-127	WG424192
1,2,4-Trichlorobenzene	mg/l	.05	0.0511	102.	65-137	WG424192
1,2,4-Trimethylbenzene	mg/l	.05	0.0538	108.	72-135	WG424192
1,2-Dibromo-3-Chloropropane	mg/l	.05	0.0451	90.3	55-134	WG424192
1,2-Dibromoethane	mg/l	.05	0.0474	94.9	75-126	WG424192
1,2-Dichlorobenzene	mg/l	.05	0.0478	95.5	75-122	WG424192
1,2-Dichloroethane	mg/l	.05	0.0444	88.8	63-137	WG424192
1,2-Dichloropropane	mg/l	.05	0.0479	95.8	74-122	WG424192
1,3,5-Trimethylbenzene	mg/l	.05	0.0544	109.	73-134	WG424192

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Quality Assurance Report Level II

Mountlake Terrace, WA 98043

L405016

June 04, 2009

Analyte	Units	Laboratory Control	Sample	% Rec	Limit	Batch
		Known Val	Result			
1,3-Dichlorobenzene	mg/l	.05	0.0532	106.	73-131	WG424192
1,3-Dichloropropane	mg/l	.05	0.0461	92.1	77-119	WG424192
1,4-Dichlorobenzene	mg/l	.05	0.0476	95.2	70-121	WG424192
2,2-Dichloropropane	mg/l	.05	0.0523	105.	46-151	WG424192
2-Butanone (MEK)	mg/l	.25	0.206	82.4	53-132	WG424192
2-Chloroethyl vinyl ether	mg/l	.25	0.162	65.0	0-171	WG424192
2-Chlorotoluene	mg/l	.05	0.0524	105.	74-128	WG424192
4-Chlorotoluene	mg/l	.05	0.0511	102.	74-130	WG424192
4-Methyl-2-pentanone (MIBK)	mg/l	.25	0.231	92.3	60-142	WG424192
Acetone	mg/l	.25	0.213	85.1	48-134	WG424192
Acrolein	mg/l	.25	0.216	86.6	6-182	WG424192
Acrylonitrile	mg/l	.25	0.221	88.4	60-140	WG424192
Benzene	mg/l	.05	0.0438	87.7	67-126	WG424192
Bromobenzene	mg/l	.05	0.0495	99.0	76-123	WG424192
Bromodichloromethane	mg/l	.05	0.0503	101.	68-133	WG424192
Bromoform	mg/l	.05	0.0484	96.8	60-139	WG424192
Bromomethane	mg/l	.05	0.0614	123.	45-175	WG424192
Carbon tetrachloride	mg/l	.05	0.0475	95.1	64-141	WG424192
Chlorobenzene	mg/l	.05	0.0503	101.	77-125	WG424192
Chlorodibromomethane	mg/l	.05	0.0547	109.	73-138	WG424192
Chloroethane	mg/l	.05	0.0566	113.	49-155	WG424192
Chloroform	mg/l	.05	0.0436	87.2	66-126	WG424192
Chloromethane	mg/l	.05	0.0483	96.7	45-152	WG424192
cis-1,2-Dichloroethene	mg/l	.05	0.0455	91.0	72-128	WG424192
cis-1,3-Dichloropropene	mg/l	.05	0.0490	98.0	73-131	WG424192
Di-isopropyl ether	mg/l	.05	0.0480	96.1	63-139	WG424192
Dibromomethane	mg/l	.05	0.0468	93.5	73-125	WG424192
Dichlorodifluoromethane	mg/l	.05	0.0526	105.	39-189	WG424192
Ethylbenzene	mg/l	.05	0.0517	103.	76-129	WG424192
Hexachloro-1,3-butadiene	mg/l	.05	0.0533	107.	67-135	WG424192
Isopropylbenzene	mg/l	.05	0.0533	107.	73-132	WG424192
Methyl tert-butyl ether	mg/l	.05	0.0471	94.2	51-142	WG424192
Methylene Chloride	mg/l	.05	0.0434	86.8	64-125	WG424192
n-Butylbenzene	mg/l	.05	0.0509	102.	63-142	WG424192
n-Propylbenzene	mg/l	.05	0.0534	107.	71-132	WG424192
Naphthalene	mg/l	.05	0.0503	101.	56-145	WG424192
p-Isopropyltoluene	mg/l	.05	0.0560	112.	68-138	WG424192
sec-Butylbenzene	mg/l	.05	0.0548	110.	70-135	WG424192
Styrene	mg/l	.05	0.0534	107.	78-130	WG424192
tert-Butylbenzene	mg/l	.05	0.0549	110.	72-134	WG424192
Tetrachloroethene	mg/l	.05	0.0517	103.	67-135	WG424192
Toluene	mg/l	.05	0.0456	91.2	72-122	WG424192
trans-1,2-Dichloroethene	mg/l	.05	0.0452	90.5	67-129	WG424192
trans-1,3-Dichloropropene	mg/l	.05	0.0480	96.1	66-137	WG424192
Trichloroethene	mg/l	.05	0.0482	96.4	74-126	WG424192
Trichlorofluoromethane	mg/l	.05	0.0650	130.	54-156	WG424192
Vinyl chloride	mg/l	.05	0.0532	106.	55-153	WG424192
4-Bromofluorobenzene				104.5	75-128	WG424192
Dibromofluoromethane				98.89	79-125	WG424192
Toluene-d8				100.3	87-114	WG424192
1,1,1,2-Tetrachloroethane	mg/kg	.05	0.0634	127.	73-134	WG424224
1,1,1-Trichloroethane	mg/kg	.05	0.0447	89.4	62-135	WG424224
1,1,2,2-Tetrachloroethane	mg/kg	.05	0.0515	103.	74-129	WG424224
1,1,2-Trichloroethane	mg/kg	.05	0.0505	101.	77-124	WG424224
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	.05	0.0390	78.0	49-155	WG424224
1,1-Dichloroethane	mg/kg	.05	0.0425	85.0	61-134	WG424224
1,1-Dichloroethene	mg/kg	.05	0.0438	87.7	53-136	WG424224

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Mountlake Terrace, WA 98043

L405016

June 04, 2009

Analyte	Units	Laboratory Control Known Val	Sample Result	% Rec	Limit	Batch
1,1-Dichloropropene	mg/kg	.05	0.0443	88.5	63-132	WG424224
1,2,3-Trichlorobenzene	mg/kg	.05	0.0614	123.	62-146	WG424224
1,2,3-Trichloropropane	mg/kg	.05	0.0543	109.	70-133	WG424224
1,2,3-Trimethylbenzene	mg/kg	.05	0.0501	100.	73-126	WG424224
1,2,4-Trichlorobenzene	mg/kg	.05	0.0605	121.	61-148	WG424224
1,2,4-Trimethylbenzene	mg/kg	.05	0.0632	126.	68-135	WG424224
1,2-Dibromo-3-Chloropropane	mg/kg	.05	0.0524	105.	61-134	WG424224
1,2-Dibromoethane	mg/kg	.05	0.0544	109.	76-127	WG424224
1,2-Dichlorobenzene	mg/kg	.05	0.0542	108.	77-123	WG424224
1,2-Dichloroethane	mg/kg	.05	0.0428	85.7	58-141	WG424224
1,2-Dichloropropane	mg/kg	.05	0.0466	93.2	71-128	WG424224
1,3,5-Trimethylbenzene	mg/kg	.05	0.0624	125.	71-133	WG424224
1,3-Dichlorobenzene	mg/kg	.05	0.0646	129.	71-132	WG424224
1,3-Dichloropropane	mg/kg	.05	0.0499	99.7	76-120	WG424224
1,4-Dichlorobenzene	mg/kg	.05	0.0514	103.	72-123	WG424224
2,2-Dichloropropane	mg/kg	.05	0.0450	90.0	50-147	WG424224
2-Butanone (MEK)	mg/kg	.25	0.171	68.3	51-131	WG424224
2-Chloroethyl vinyl ether	mg/kg	.25	0.0960	38.4	0-188	WG424224
2-Chlorotoluene	mg/kg	.05	0.0567	113.	73-128	WG424224
4-Chlorotoluene	mg/kg	.05	0.0583	117.	72-129	WG424224
4-Methyl-2-pentanone (MIBK)	mg/kg	.25	0.233	93.1	61-143	WG424224
Acetone	mg/kg	.25	0.179	71.5	44-140	WG424224
Acrylonitrile	mg/kg	.25	0.196	78.6	55-143	WG424224
Benzene	mg/kg	.05	0.0437	87.4	65-128	WG424224
Bromobenzene	mg/kg	.05	0.0535	107.	75-123	WG424224
Bromodichloromethane	mg/kg	.05	0.0518	104.	66-126	WG424224
Bromoform	mg/kg	.05	0.0689	138.	64-139	WG424224
Bromomethane	mg/kg	.05	0.0473	94.6	41-175	WG424224
Carbon tetrachloride	mg/kg	.05	0.0493	98.5	60-140	WG424224
Chlorobenzene	mg/kg	.05	0.0565	113.	75-125	WG424224
Chlorodibromomethane	mg/kg	.05	0.0629	126.	72-137	WG424224
Chloroethane	mg/kg	.05	0.0411	82.3	44-159	WG424224
Chloroform	mg/kg	.05	0.0415	83.1	63-123	WG424224
Chloromethane	mg/kg	.05	0.0438	87.7	42-149	WG424224
cis-1,2-Dichloroethene	mg/kg	.05	0.0435	87.0	71-129	WG424224
cis-1,3-Dichloropropene	mg/kg	.05	0.0526	105.	73-132	WG424224
Di-isopropyl ether	mg/kg	.05	0.0451	90.1	59-143	WG424224
Dibromomethane	mg/kg	.05	0.0468	93.6	70-130	WG424224
Dichlorodifluoromethane	mg/kg	.05	0.0429	85.8	26-186	WG424224
Ethylbenzene	mg/kg	.05	0.0591	118.	74-128	WG424224
Hexachloro-1,3-butadiene	mg/kg	.05	0.0578	116.	65-137	WG424224
Isopropylbenzene	mg/kg	.05	0.0604	121.	73-130	WG424224
Methyl tert-butyl ether	mg/kg	.05	0.0397	79.5	44-148	WG424224
Methylene Chloride	mg/kg	.05	0.0415	83.0	57-129	WG424224
n-Butylbenzene	mg/kg	.05	0.0524	105.	60-145	WG424224
n-Propylbenzene	mg/kg	.05	0.0579	116.	71-132	WG424224
Naphthalene	mg/kg	.05	0.0555	111.	61-142	WG424224
p-Isopropyltoluene	mg/kg	.05	0.0662	132.	67-138	WG424224
sec-Butylbenzene	mg/kg	.05	0.0627	125.	71-134	WG424224
Styrene	mg/kg	.05	0.0639	128.	76-133	WG424224
tert-Butylbenzene	mg/kg	.05	0.0635	127.	72-132	WG424224
Tetrachloroethene	mg/kg	.05	0.0603	121.	65-135	WG424224
Toluene	mg/kg	.05	0.0498	99.6	70-120	WG424224
trans-1,2-Dichloroethene	mg/kg	.05	0.0443	88.6	61-133	WG424224
trans-1,3-Dichloropropene	mg/kg	.05	0.0527	105.	70-135	WG424224
Trichloroethene	mg/kg	.05	0.0544	109.	71-126	WG424224
Trichlorofluoromethane	mg/kg	.05	0.0433	86.7	52-147	WG424224
Vinyl chloride	mg/kg	.05	0.0441	88.2	50-151	WG424224
4-Bromofluorobenzene				104.6	59-140	WG424224

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Est. 1970

Terracon- Lynnwood, WA
Mr. Jon Einarsen
21905 64th Ave W Ste 100

Quality Assurance Report Level II

Mountlake Terrace, WA 98043

June 04, 2009

L405016

Analyte	Units	Laboratory Known	Control Val	Sample Result	% Rec	Limit	Batch
Dibromofluoromethane					87.55	63-139	
Toluene-d8					95.85	84-116	
a,a,a-Trifluorotoluene					111.1	80-118	
Total Solids	%	50		50.0	100.	85-115	WG424684
Total Solids	%	50		49.3	98.6	85-115	WG424685

Analyte	Units	Laboratory Result	Control Ref	Sample %Rec	Duplicate	Limit	RPD	Limit	Batch
1,1,1,2-Tetrachloroethane	mg/l	0.0569	0.0558	114.		75-134	1.82	20	WG424192
1,1,1-Trichloroethane	mg/l	0.0499	0.0490	100.		67-137	1.80	20	WG424192
1,1,2,2-Tetrachloroethane	mg/l	0.0528	0.0502	106.		72-128	4.99	20	WG424192
1,1,2-Trichloroethane	mg/l	0.0496	0.0481	99.0		79-123	3.06	20	WG424192
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/l	0.0564	0.0556	113.		51-149	1.34	20	WG424192
1,1-Dichloroethane	mg/l	0.0480	0.0464	96.0		67-133	3.50	20	WG424192
1,1-Dichloroethene	mg/l	0.0524	0.0518	105.		60-130	1.17	20	WG424192
1,1-Dichloropropene	mg/l	0.0466	0.0458	93.0		68-132	1.71	20	WG424192
1,2,3-Trichlorobenzene	mg/l	0.0494	0.0495	99.0		63-138	0.0337	20	WG424192
1,2,3-Trichloropropane	mg/l	0.0523	0.0507	105.		68-130	3.15	20	WG424192
1,2,3-Trimethylbenzene	mg/l	0.0493	0.0474	99.0		70-127	3.98	20	WG424192
1,2,4-Trichlorobenzene	mg/l	0.0512	0.0511	102.		65-137	0.191	20	WG424192
1,2,4-Trimethylbenzene	mg/l	0.0549	0.0538	110.		72-135	2.09	20	WG424192
1,2-Dibromo-3-Chloropropane	mg/l	0.0472	0.0451	94.0		55-134	4.35	20	WG424192
1,2-Dibromoethane	mg/l	0.0494	0.0474	99.0		75-126	4.16	20	WG424192
1,2-Dichlorobenzene	mg/l	0.0497	0.0478	99.0		75-122	4.08	20	WG424192
1,2-Dichloroethane	mg/l	0.0476	0.0444	95.0		63-137	7.01	20	WG424192
1,2-Dichloropropane	mg/l	0.0493	0.0479	99.0		74-122	2.86	20	WG424192
1,3,5-Trimethylbenzene	mg/l	0.0558	0.0544	112.		73-134	2.60	20	WG424192
1,3-Dichlorobenzene	mg/l	0.0538	0.0532	108.		73-131	1.03	20	WG424192
1,3-Dichloropropane	mg/l	0.0473	0.0461	95.0		77-119	2.59	20	WG424192
1,4-Dichlorobenzene	mg/l	0.0491	0.0476	98.0		70-121	3.09	20	WG424192
2,2-Dichloropropane	mg/l	0.0532	0.0523	106.		46-151	1.71	20	WG424192
2-Butanone (MEK)	mg/l	0.215	0.206	86.0		53-132	4.46	20	WG424192
2-Chloroethyl vinyl ether	mg/l	0.165	0.162	66.0		0-171	1.64	27	WG424192
2-Chlorotoluene	mg/l	0.0537	0.0524	107.		74-128	2.39	20	WG424192
4-Chlorotoluene	mg/l	0.0521	0.0511	104.		74-130	1.98	20	WG424192
4-Methyl-2-pentanone (MIBK)	mg/l	0.243	0.231	97.0		60-142	5.39	20	WG424192
Acetone	mg/l	0.230	0.213	92.0		48-134	8.03	20	WG424192
Acrolein	mg/l	0.236	0.216	94.0		6-182	8.55	39	WG424192
Acrylonitrile	mg/l	0.238	0.221	95.0		60-140	7.53	20	WG424192
Benzene	mg/l	0.0450	0.0438	90.0		67-126	2.68	20	WG424192
Bromobenzene	mg/l	0.0516	0.0495	103.		76-123	4.12	20	WG424192
Bromodichloromethane	mg/l	0.0525	0.0503	105.		68-133	4.33	20	WG424192
Bromoform	mg/l	0.0500	0.0484	100.		60-139	3.21	20	WG424192
Bromomethane	mg/l	0.0595	0.0614	119.		45-175	3.18	20	WG424192
Carbon tetrachloride	mg/l	0.0493	0.0475	99.0		64-141	3.57	20	WG424192
Chlorobenzene	mg/l	0.0512	0.0503	102.		77-125	1.95	20	WG424192
Chlorodibromomethane	mg/l	0.0567	0.0547	113.		73-138	3.60	20	WG424192
Chloroethane	mg/l	0.0555	0.0566	111.		49-155	1.99	20	WG424192
Chloroform	mg/l	0.0446	0.0436	89.0		66-126	2.19	20	WG424192
Chloromethane	mg/l	0.0501	0.0483	100.		45-152	3.60	20	WG424192
cis-1,2-Dichloroethene	mg/l	0.0468	0.0455	94.0		72-128	2.70	20	WG424192
cis-1,3-Dichloropropene	mg/l	0.0497	0.0490	99.0		73-131	1.48	20	WG424192
Di-isopropyl ether	mg/l	0.0495	0.0480	99.0		63-139	2.89	20	WG424192
Dibromomethane	mg/l	0.0491	0.0468	98.0		73-125	4.98	20	WG424192
Dichlorodifluoromethane	mg/l	0.0535	0.0526	107.		39-189	1.61	24	WG424192
Ethylbenzene	mg/l	0.0521	0.0517	104.		76-129	0.889	20	WG424192

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21905 64th Ave W Ste 100

Quality Assurance Report Level II

Mountlake Terrace, WA 98043

L405016

June 04, 2009

Analyte	Laboratory Control Sample Duplicate				Limit	RPD	Limit	Batch
	Units	Result	Ref	%Rec				
Hexachloro-1,3-butadiene	mg/l	0.0529	0.0533	106.	67-135	0.600	20	WG424192
Isopropylbenzene	mg/l	0.0548	0.0533	110.	73-132	2.68	20	WG424192
Methyl tert-butyl ether	mg/l	0.0476	0.0471	95.0	51-142	1.02	20	WG424192
Methylene Chloride	mg/l	0.0456	0.0434	91.0	64-125	4.80	20	WG424192
n-Butylbenzene	mg/l	0.0522	0.0509	104.	63-142	2.46	20	WG424192
n-Propylbenzene	mg/l	0.0548	0.0534	110.	71-132	2.58	20	WG424192
Naphthalene	mg/l	0.0508	0.0503	102.	56-145	1.05	20	WG424192
p-Isopropyltoluene	mg/l	0.0564	0.0560	113.	68-138	0.636	20	WG424192
sec-Butylbenzene	mg/l	0.0558	0.0548	112.	70-135	1.79	20	WG424192
Styrene	mg/l	0.0547	0.0534	109.	78-130	2.44	20	WG424192
tert-Butylbenzene	mg/l	0.0558	0.0549	112.	72-134	1.69	20	WG424192
Tetrachloroethene	mg/l	0.0538	0.0517	108.	67-135	3.85	20	WG424192
Toluene	mg/l	0.0463	0.0456	93.0	72-122	1.61	20	WG424192
trans-1,2-Dichloroethene	mg/l	0.0461	0.0452	92.0	67-129	1.93	20	WG424192
trans-1,3-Dichloropropene	mg/l	0.0488	0.0480	98.0	66-137	1.53	20	WG424192
Trichloroethene	mg/l	0.0498	0.0482	100.	74-126	3.14	20	WG424192
Trichlorofluoromethane	mg/l	0.0650	0.0650	130.	54-156	0.00952	20	WG424192
Vinyl chloride	mg/l	0.0538	0.0532	108.	55-153	0.959	20	WG424192
4-Bromofluorobenzene				104.0	75-128			WG424192
Dibromofluoromethane				99.52	79-125			WG424192
Toluene-d8				99.47	87-114			WG424192
1,1,1,2-Tetrachloroethane	mg/kg	0.0642	0.0634	128.	73-134	1.35	20	WG424224
1,1,1-Trichloroethane	mg/kg	0.0473	0.0447	95.0	62-135	5.75	20	WG424224
1,1,2,2-Tetrachloroethane	mg/kg	0.0565	0.0515	113.	74-129	9.29	20	WG424224
1,1,2-Trichloroethane	mg/kg	0.0517	0.0505	103.	77-124	2.33	20	WG424224
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0413	0.0390	83.0	49-155	5.72	20	WG424224
1,1-Dichloroethane	mg/kg	0.0447	0.0425	89.0	61-134	5.08	20	WG424224
1,1-Dichloroethene	mg/kg	0.0449	0.0438	90.0	53-136	2.39	20	WG424224
1,1-Dichloropropene	mg/kg	0.0459	0.0443	92.0	63-132	3.72	20	WG424224
1,2,3-Trichlorobenzene	mg/kg	0.0635	0.0614	127.	62-146	3.44	20	WG424224
1,2,3-Trichloropropane	mg/kg	0.0622	0.0543	124.	70-133	13.6	20	WG424224
1,2,3-Trimethylbenzene	mg/kg	0.0505	0.0501	101.	73-126	0.714	20	WG424224
1,2,4-Trichlorobenzene	mg/kg	0.0598	0.0605	120.	61-148	1.27	20	WG424224
1,2,4-Trimethylbenzene	mg/kg	0.0632	0.0632	126.	68-135	0.00589	20	WG424224
1,2-Dibromo-3-Chloropropane	mg/kg	0.0627	0.0524	125.	61-134	17.8	21	WG424224
1,2-Dibromoethane	mg/kg	0.0567	0.0544	113.	76-127	4.21	20	WG424224
1,2-Dichlorobenzene	mg/kg	0.0543	0.0542	109.	77-123	0.189	20	WG424224
1,2-Dichloroethane	mg/kg	0.0449	0.0428	90.0	58-141	4.67	20	WG424224
1,2-Dichloropropane	mg/kg	0.0488	0.0466	98.0	71-128	4.72	20	WG424224
1,3,5-Trimethylbenzene	mg/kg	0.0640	0.0624	128.	71-133	2.61	20	WG424224
1,3-Dichlorobenzene	mg/kg	0.0645	0.0646	129.	71-132	0.0918	20	WG424224
1,3-Dichloropropane	mg/kg	0.0513	0.0499	103.	76-120	2.83	20	WG424224
1,4-Dichlorobenzene	mg/kg	0.0527	0.0514	105.	72-123	2.47	20	WG424224
2,2-Dichloropropane	mg/kg	0.0461	0.0450	92.0	50-147	2.36	20	WG424224
2-Butanone (MEK)	mg/kg	0.205	0.171	82.0	51-131	18.0	25	WG424224
2-Chloroethyl vinyl ether	mg/kg	0.139	0.0960	56.0	0-188	36.6	39	WG424224
2-Chlorotoluene	mg/kg	0.0573	0.0567	115.	73-128	1.04	20	WG424224
4-Chlorotoluene	mg/kg	0.0584	0.0583	117.	72-129	0.296	20	WG424224
4-Methyl-2-pentanone (MIBK)	mg/kg	0.285	0.233	114.	61-143	20.2	23	WG424224
Acetone	mg/kg	0.214	0.179	86.0	44-140	18.1	25	WG424224
Acrylonitrile	mg/kg	0.224	0.196	90.0	55-143	13.1	20	WG424224
Benzene	mg/kg	0.0449	0.0437	90.0	65-128	2.84	20	WG424224
Bromobenzene	mg/kg	0.0541	0.0535	108.	75-123	1.16	20	WG424224
Bromodichloromethane	mg/kg	0.0542	0.0518	108.	66-126	4.53	20	WG424224
Bromoform	mg/kg	0.0717	0.0689	143*	64-139	4.07	20	WG424224
Bromomethane	mg/kg	0.0474	0.0473	95.0	41-175	0.315	20	WG424224
Carbon tetrachloride	mg/kg	0.0507	0.0493	101.	60-140	2.90	20	WG424224

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Quality Assurance Report Level II

Mountlake Terrace, WA 98043

June 04, 2009

L405016

Analyte	Units	Laboratory Control Sample Duplicate			Limit	RPD	Limit	Batch
		Result	Ref	%Rec				
Chlorobenzene	mg/kg	0.0585	0.0565	117.	75-125	3.39	20	WG424224
Chlorodibromomethane	mg/kg	0.0638	0.0629	128.	72-137	1.41	20	WG424224
Chloroethane	mg/kg	0.0446	0.0411	89.0	44-159	8.12	20	WG424224
Chloroform	mg/kg	0.0429	0.0415	86.0	63-123	3.15	20	WG424224
Chloromethane	mg/kg	0.0452	0.0438	90.0	42-149	3.06	20	WG424224
cis-1,2-Dichloroethene	mg/kg	0.0452	0.0435	90.0	71-129	3.95	20	WG424224
cis-1,3-Dichloropropene	mg/kg	0.0556	0.0526	111.	73-132	5.65	20	WG424224
Di-isopropyl ether	mg/kg	0.0461	0.0451	92.0	59-143	2.38	20	WG424224
Dibromomethane	mg/kg	0.0510	0.0468	102.	70-130	8.64	20	WG424224
Dichlorodifluoromethane	mg/kg	0.0457	0.0429	91.0	26-186	6.35	22	WG424224
Ethylbenzene	mg/kg	0.0580	0.0591	116.	74-128	1.76	20	WG424224
Hexachloro-1,3-butadiene	mg/kg	0.0597	0.0578	119.	65-137	3.29	20	WG424224
Isopropylbenzene	mg/kg	0.0611	0.0604	122.	73-130	1.20	20	WG424224
Methyl tert-butyl ether	mg/kg	0.0427	0.0397	85.0	44-148	7.24	20	WG424224
Methylene Chloride	mg/kg	0.0444	0.0415	89.0	57-129	6.83	20	WG424224
n-Butylbenzene	mg/kg	0.0515	0.0524	103.	60-145	1.78	20	WG424224
n-Propylbenzene	mg/kg	0.0586	0.0579	117.	71-132	1.26	20	WG424224
Naphthalene	mg/kg	0.0594	0.0555	119.	61-142	6.68	20	WG424224
p-Isopropyltoluene	mg/kg	0.0658	0.0662	132.	67-138	0.599	20	WG424224
sec-Butylbenzene	mg/kg	0.0629	0.0627	126.	71-134	0.318	20	WG424224
Styrene	mg/kg	0.0639	0.0639	128.	76-133	0.0433	20	WG424224
tert-Butylbenzene	mg/kg	0.0639	0.0635	128.	72-132	0.646	20	WG424224
Tetrachloroethene	mg/kg	0.0624	0.0603	125.	65-135	3.47	20	WG424224
Toluene	mg/kg	0.0526	0.0498	105.	70-120	5.56	20	WG424224
trans-1,2-Dichloroethene	mg/kg	0.0454	0.0443	91.0	61-133	2.59	20	WG424224
trans-1,3-Dichloropropene	mg/kg	0.0575	0.0527	115.	70-135	8.70	20	WG424224
Trichloroethene	mg/kg	0.0582	0.0544	116.	71-126	6.76	20	WG424224
Trichlorofluoromethane	mg/kg	0.0436	0.0433	87.0	52-147	0.679	20	WG424224
Vinyl chloride	mg/kg	0.0465	0.0441	93.0	50-151	5.16	20	WG424224
4-Bromofluorobenzene				106.6	59-140			WG424224
Dibromofluoromethane				89.47	63-139			WG424224
Toluene-d8				99.87	84-116			WG424224
a,a,a-Trifluorotoluene				115.4	80-118			WG424224

Analyte	Units	MS Res	Matrix Spike			% Rec	Limit	Ref Samp	Batch
			Ref Res	TV					
1,1,1,2-Tetrachloroethane	mg/l	0.0555	0.00	.05	111.	45-152	L404829-01	WG424192	
1,1,1-Trichloroethane	mg/l	0.0456	0.00	.05	91.2	31-161	L404829-01	WG424192	
1,1,2,2-Tetrachloroethane	mg/l	0.0525	0.00	.05	105.	49-149	L404829-01	WG424192	
1,1,2-Trichloroethane	mg/l	0.0501	0.00	.05	100.	46-145	L404829-01	WG424192	
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/l	0.0458	0.00	.05	91.7	14-168	L404829-01	WG424192	
1,1-Dichloroethane	mg/l	0.0438	0.00	.05	87.5	30-159	L404829-01	WG424192	
1,1-Dichloroethene	mg/l	0.0400	0.00	.05	80.0	10-162	L404829-01	WG424192	
1,1-Dichloropropene	mg/l	0.0387	0.00	.05	77.4	14-162	L404829-01	WG424192	
1,2,3-Trichlorobenzene	mg/l	0.0541	0.00	.05	108.	32-143	L404829-01	WG424192	
1,2,3-Trichloropropane	mg/l	0.0520	0.00	.05	104.	48-148	L404829-01	WG424192	
1,2,3-Trimethylbenzene	mg/l	0.0496	0.00	.05	99.1	36-141	L404829-01	WG424192	
1,2,4-Trichlorobenzene	mg/l	0.0550	0.00	.05	110.	27-142	L404829-01	WG424192	
1,2,4-Trimethylbenzene	mg/l	0.0519	0.00	.05	104.	29-153	L404829-01	WG424192	
1,2-Dibromo-3-Chloropropane	mg/l	0.0513	0.00	.05	103.	37-148	L404829-01	WG424192	
1,2-Dibromoethane	mg/l	0.0472	0.00	.05	94.5	41-149	L404829-01	WG424192	
1,2-Dichlorobenzene	mg/l	0.0509	0.00	.05	102.	40-139	L404829-01	WG424192	
1,2-Dichloroethane	mg/l	0.0450	0.00	.05	90.0	29-167	L404829-01	WG424192	
1,2-Dichloropropane	mg/l	0.0482	0.00	.05	96.5	39-148	L404829-01	WG424192	
1,3,5-Trimethylbenzene	mg/l	0.0519	0.00	.05	104.	33-149	L404829-01	WG424192	
1,3-Dichlorobenzene	mg/l	0.0527	0.00	.05	105.	32-148	L404829-01	WG424192	
1,3-Dichloropropane	mg/l	0.0464	0.00	.05	92.9	44-142	L404829-01	WG424192	
1,4-Dichlorobenzene	mg/l	0.0501	0.00	.05	100.	32-136	L404829-01	WG424192	

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Est. 1970

Terracon- Lynnwood, WA
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21905 64th Ave W Ste 100

Quality Assurance Report Level II

Mountlake Terrace, WA 98043

June 04, 2009

L405016

Analyte	Units	Matrix Spike			% Rec	Limit	Ref Samp	Batch
		MS Res	Ref Res	TV				
2,2-Dichloropropane	mg/l	0.0521	0.00	.05	104.	14-158	L404829-01	WG424192
2-Butanone (MEK)	mg/l	0.217	0.00	.25	86.8	32-151	L404829-01	WG424192
2-Chloroethyl vinyl ether	mg/l	0.108	0.00	.25	43.3	0-175	L404829-01	WG424192
2-Chlorotoluene	mg/l	0.0504	0.00	.05	101.	35-147	L404829-01	WG424192
4-Chlorotoluene	mg/l	0.0491	0.00	.05	98.3	33-147	L404829-01	WG424192
4-Methyl-2-pentanone (MIBK)	mg/l	0.254	0.00	.25	102.	40-160	L404829-01	WG424192
Acetone	mg/l	0.233	0.00	.25	93.1	25-157	L404829-01	WG424192
Acrolein	mg/l	0.207	0.00	.25	82.7	0-179	L404829-01	WG424192
Acrylonitrile	mg/l	0.236	0.00	.25	94.5	37-162	L404829-01	WG424192
Benzene	mg/l	0.0395	0.00	.05	78.9	16-158	L404829-01	WG424192
Bromobenzene	mg/l	0.0485	0.00	.05	97.1	37-147	L404829-01	WG424192
Bromodichloromethane	mg/l	0.0511	0.00	.05	102.	45-147	L404829-01	WG424192
Bromoform	mg/l	0.0498	0.00	.05	99.6	38-152	L404829-01	WG424192
Bromomethane	mg/l	0.0420	0.00	.05	83.9	0-191	L404829-01	WG424192
Carbon tetrachloride	mg/l	0.0428	0.00	.05	85.6	22-168	L404829-01	WG424192
Chlorobenzene	mg/l	0.0475	0.00	.05	94.9	33-148	L404829-01	WG424192
Chlorodibromomethane	mg/l	0.0558	0.00	.05	112.	48-151	L404829-01	WG424192
Chloroethane	mg/l	0.0453	0.00	.05	90.6	4-176	L404829-01	WG424192
Chloroform	mg/l	0.0421	0.00	.05	84.2	37-147	L404829-01	WG424192
Chloromethane	mg/l	0.0333	0.00	.05	66.7	10-174	L404829-01	WG424192
cis-1,2-Dichloroethene	mg/l	0.0428	0.00	.05	85.7	29-156	L404829-01	WG424192
cis-1,3-Dichloropropene	mg/l	0.0484	0.00	.05	96.7	35-148	L404829-01	WG424192
Di-isopropyl ether	mg/l	0.0497	0.00	.05	99.4	39-160	L404829-01	WG424192
Dibromomethane	mg/l	0.0461	0.00	.05	92.3	36-152	L404829-01	WG424192
Dichlorodifluoromethane	mg/l	0.0367	0.00	.05	73.4	0-200	L404829-01	WG424192
Ethylbenzene	mg/l	0.0471	0.00	.05	94.3	29-150	L404829-01	WG424192
Hexachloro-1,3-butadiene	mg/l	0.0560	0.00	.05	112.	28-144	L404829-01	WG424192
Isopropylbenzene	mg/l	0.0500	0.00	.05	100.	35-147	L404829-01	WG424192
Methyl tert-butyl ether	mg/l	0.0555	0.00	.05	111.	24-167	L404829-01	WG424192
Methylene Chloride	mg/l	0.0395	0.00	.05	79.0	23-151	L404829-01	WG424192
n-Butylbenzene	mg/l	0.0526	0.00	.05	105.	22-151	L404829-01	WG424192
n-Propylbenzene	mg/l	0.0501	0.00	.05	100.	26-150	L404829-01	WG424192
Naphthalene	mg/l	0.0554	0.00	.05	111.	24-160	L404829-01	WG424192
p-Isopropyltoluene	mg/l	0.0538	0.00	.05	108.	28-151	L404829-01	WG424192
sec-Butylbenzene	mg/l	0.0528	0.00	.05	106.	32-149	L404829-01	WG424192
Styrene	mg/l	0.0514	0.00	.05	103.	38-149	L404829-01	WG424192
tert-Butylbenzene	mg/l	0.0526	0.00	.05	105.	36-149	L404829-01	WG424192
Tetrachloroethene	mg/l	0.0442	0.00	.05	88.4	13-157	L404829-01	WG424192
Toluene	mg/l	0.0417	0.00	.05	83.4	22-152	L404829-01	WG424192
trans-1,2-Dichloroethene	mg/l	0.0364	0.00	.05	72.8	11-160	L404829-01	WG424192
trans-1,3-Dichloropropene	mg/l	0.0486	0.00	.05	97.2	33-153	L404829-01	WG424192
Trichloroethene	mg/l	0.0425	0.00	.05	85.0	18-163	L404829-01	WG424192
Trichlorofluoromethane	mg/l	0.0502	0.00	.05	100.	10-177	L404829-01	WG424192
Vinyl chloride	mg/l	0.0370	0.00	.05	74.1	0-179	L404829-01	WG424192
4-Bromofluorobenzene					100.7	75-128		WG424192
Dibromofluoromethane					99.56	79-125		WG424192
Toluene-d8					100.6	87-114		WG424192
1,1,1,2-Tetrachloroethane	mg/kg	0.0392	0.00	.05	78.3	29-145	L405032-06	WG424224
1,1,1-Trichloroethane	mg/kg	0.0387	0.00	.05	77.4	23-147	L405032-06	WG424224
1,1,2,2-Tetrachloroethane	mg/kg	0.0324	0.00	.05	64.8	18-150	L405032-06	WG424224
1,1,2-Trichloroethane	mg/kg	0.0356	0.00	.05	71.3	35-140	L405032-06	WG424224
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0348	0.00	.05	69.6	10-145	L405032-06	WG424224
1,1-Dichloroethane	mg/kg	0.0374	0.00	.05	74.9	24-148	L405032-06	WG424224
1,1-Dichloroethene	mg/kg	0.0322	0.00	.05	64.4	10-149	L405032-06	WG424224
1,1-Dichloropropene	mg/kg	0.0264	0.00	.05	52.8	10-141	L405032-06	WG424224
1,2,3-Trichlorobenzene	mg/kg	0.0130	0.00	.05	26.0	10-129	L405032-06	WG424224
1,2,3-Trichloropropene	mg/kg	0.0340	0.00	.05	68.0	30-148	L405032-06	WG424224

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Quality Assurance Report Level II

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June 04, 2009

L405016

Analyte	Units	MS Res	Matrix Spike		TV	% Rec	Limit	Ref Samp	Batch
			Ref	Res					
1,2,3-Trimethylbenzene	mg/kg	0.0392	0.00	.05	78.3	10-137	L405032-06	WG424224	
1,2,4-Trichlorobenzene	mg/kg	0.0116	0.00	.05	23.2	10-119	L405032-06	WG424224	
1,2,4-Trimethylbenzene	mg/kg	0.0186	0.00	.05	37.1	10-145	L405032-06	WG424224	
1,2-Dibromo-3-Chloropropane	mg/kg	0.0543	0.00	.05	109.	19-145	L405032-06	WG424224	
1,2-Dibromoethane	mg/kg	0.0307	0.00	.05	61.4	24-145	L405032-06	WG424224	
1,2-Dichlorobenzene	mg/kg	0.0257	0.00	.05	51.4	12-130	L405032-06	WG424224	
1,2-Dichloroethane	mg/kg	0.0368	0.00	.05	73.7	21-155	L405032-06	WG424224	
1,2-Dichloropropane	mg/kg	0.0365	0.00	.05	73.0	28-144	L405032-06	WG424224	
1,3,5-Trimethylbenzene	mg/kg	0.0208	0.00	.05	41.6	10-135	L405032-06	WG424224	
1,3-Dichlorobenzene	mg/kg	0.0126	0.00	.05	25.2	10-129	L405032-06	WG424224	
1,3-Dichloropropane	mg/kg	0.0328	0.00	.05	65.7	31-137	L405032-06	WG424224	
1,4-Dichlorobenzene	mg/kg	0.0219	0.00	.05	43.8	10-121	L405032-06	WG424224	
2,2-Dichloropropane	mg/kg	0.0396	0.00	.05	79.3	18-144	L405032-06	WG424224	
2-Butanone (MEK)	mg/kg	0.308	0.0210	.25	115.	21-143	L405032-06	WG424224	
2-Chloroethyl vinyl ether	mg/kg	0.00177	0.00	.25	0.708	0-176	L405032-06	WG424224	
2-Chlorotoluene	mg/kg	0.0181	0.00	.05	36.2	10-132	L405032-06	WG424224	
4-Chlorotoluene	mg/kg	0.0138	0.00	.05	27.6	10-129	L405032-06	WG424224	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.317	0.00	.25	127.	31-151	L405032-06	WG424224	
Acetone	mg/kg	0.403	0.00	.25	161.*	13-158	L405032-06	WG424224	
Acrylonitrile	mg/kg	0.285	0.00	.25	114.	20-154	L405032-06	WG424224	
Benzene	mg/kg	0.0321	0.00140	.05	61.4	16-143	L405032-06	WG424224	
Bromobenzene	mg/kg	0.0148	0.00	.05	29.6	14-135	L405032-06	WG424224	
Bromodichloromethane	mg/kg	0.0383	0.00	.05	76.5	27-139	L405032-06	WG424224	
Bromoform	mg/kg	0.0359	0.00	.05	71.9	21-144	L405032-06	WG424224	
Bromomethane	mg/kg	0.0434	0.00	.05	86.9	0-180	L405032-06	WG424224	
Carbon tetrachloride	mg/kg	0.0375	0.00	.05	75.1	12-149	L405032-06	WG424224	
Chlorobenzene	mg/kg	0.0211	0.00	.05	42.3	17-134	L405032-06	WG424224	
Chlorodibromomethane	mg/kg	0.0394	0.00	.05	78.7	28-147	L405032-06	WG424224	
Chloroethane	mg/kg	0.0407	0.00	.05	81.4	0-172	L405032-06	WG424224	
Chloroform	mg/kg	0.0350	0.00	.05	70.1	28-138	L405032-06	WG424224	
Chloromethane	mg/kg	0.0451	0.00	.05	90.2	10-158	L405032-06	WG424224	
cis-1,2-Dichloroethene	mg/kg	0.0314	0.00	.05	62.9	21-147	L405032-06	WG424224	
cis-1,3-Dichloropropene	mg/kg	0.0310	0.00	.05	61.9	17-145	L405032-06	WG424224	
Di-isopropyl ether	mg/kg	0.0434	0.00	.05	86.9	31-153	L405032-06	WG424224	
Dibromomethane	mg/kg	0.0348	0.00	.05	69.6	24-147	L405032-06	WG424224	
Dichlorodifluoromethane	mg/kg	0.0467	0.00	.05	93.4	0-192	L405032-06	WG424224	
Ethylbenzene	mg/kg	0.0253	0.00	.05	50.6	12-137	L405032-06	WG424224	
Hexachloro-1,3-butadiene	mg/kg	0.0210	0.00	.05	42.1	10-123	L405032-06	WG424224	
Isopropylbenzene	mg/kg	0.0234	0.00	.05	46.8	14-134	L405032-06	WG424224	
Methyl tert-butyl ether	mg/kg	0.0466	0.00	.05	93.1	21-157	L405032-06	WG424224	
Methylene Chloride	mg/kg	0.0391	0.00	.05	78.2	12-149	L405032-06	WG424224	
n-Butylbenzene	mg/kg	0.0201	0.00	.05	40.2	10-130	L405032-06	WG424224	
n-Propylbenzene	mg/kg	0.0169	0.00	.05	33.7	10-130	L405032-06	WG424224	
Naphthalene	mg/kg	0.0114	0.00	.05	22.8	0-146	L405032-06	WG424224	
p-Isopropyltoluene	mg/kg	0.0171	0.00	.05	34.2	10-131	L405032-06	WG424224	
sec-Butylbenzene	mg/kg	0.0179	0.00	.05	35.9	10-134	L405032-06	WG424224	
Styrene	mg/kg	0.0155	0.00	.05	31.1	10-140	L405032-06	WG424224	
tert-Butylbenzene	mg/kg	0.0257	0.00	.05	51.4	11-137	L405032-06	WG424224	
Tetrachloroethene	mg/kg	0.0343	0.00560	.05	57.3	10-131	L405032-06	WG424224	
Toluene	mg/kg	0.0292	0.00	.05	58.3	12-136	L405032-06	WG424224	
trans-1,2-Dichloroethene	mg/kg	0.0279	0.00	.05	55.9	10-143	L405032-06	WG424224	
trans-1,3-Dichloropropene	mg/kg	0.0278	0.00	.05	55.5	16-147	L405032-06	WG424224	
Trichloroethene	mg/kg	0.0592	0.0160	.05	86.3	10-155	L405032-06	WG424224	
Trichlorofluoromethane	mg/kg	0.0374	0.00	.05	74.7	10-154	L405032-06	WG424224	
Vinyl chloride	mg/kg	0.0384	0.00	.05	76.8	10-159	L405032-06	WG424224	
4-Bromofluorobenzene					58.96*	59-140		WG424224	
Dibromofluoromethane					98.43	63-139		WG424224	
Toluene-d8					91.28	84-116		WG424224	
a,a,a-Trifluorotoluene					102.0	80-118		WG424224	

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Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit	Ref	Samp	Batch
			Ref	%Rec						
1,1,1,2-Tetrachloroethane	mg/l	0.0534	0.0555	107.	45-152	3.91	21	L404829-01	WG424192	
1,1,1-Trichloroethane	mg/l	0.0446	0.0456	89.2	31-161	2.17	23	L404829-01	WG424192	
1,1,2,2-Tetrachloroethane	mg/l	0.0550	0.0525	110.	49-149	4.50	22	L404829-01	WG424192	
1,1,2-Trichloroethane	mg/l	0.0482	0.0501	96.4	46-145	3.90	20	L404829-01	WG424192	
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/l	0.0447	0.0458	89.4	14-168	2.55	24	L404829-01	WG424192	
1,1-Dichloroethane	mg/l	0.0428	0.0438	85.5	30-159	2.33	21	L404829-01	WG424192	
1,1-Dichloroethene	mg/l	0.0383	0.0400	76.6	10-162	4.33	23	L404829-01	WG424192	
1,1-Dichloropropene	mg/l	0.0368	0.0387	73.7	14-162	4.91	23	L404829-01	WG424192	
1,2,3-Trichlorobenzene	mg/l	0.0542	0.0541	108.	32-143	0.061	33	L404829-01	WG424192	
1,2,3-Trichloropropane	mg/l	0.0542	0.0520	108.	48-148	4.03	23	L404829-01	WG424192	
1,2,3-Trimethylbenzene	mg/l	0.0470	0.0496	93.9	36-141	5.40	25	L404829-01	WG424192	
1,2,4-Trimethylbenzene	mg/l	0.0539	0.0550	108.	27-142	2.04	30	L404829-01	WG424192	
1,2,4-Trimethylbenzene	mg/l	0.0493	0.0519	98.6	29-153	5.15	27	L404829-01	WG424192	
1,2-Dibromo-3-Chloropropane	mg/l	0.0555	0.0513	111.	37-148	7.85	27	L404829-01	WG424192	
1,2-Dibromoethane	mg/l	0.0462	0.0472	92.5	41-149	2.16	21	L404829-01	WG424192	
1,2-Dichlorobenzene	mg/l	0.0491	0.0509	98.1	40-139	3.62	23	L404829-01	WG424192	
1,2-Dichloroethane	mg/l	0.0451	0.0450	90.3	29-167	0.249	21	L404829-01	WG424192	
1,2-Dichloropropane	mg/l	0.0467	0.0482	93.5	39-148	3.15	20	L404829-01	WG424192	
1,3,5-Trimethylbenzene	mg/l	0.0497	0.0519	99.4	33-149	4.28	26	L404829-01	WG424192	
1,3-Dichlorobenzene	mg/l	0.0502	0.0527	100.	32-148	4.84	24	L404829-01	WG424192	
1,3-Dichloropropane	mg/l	0.0452	0.0464	90.4	44-142	2.76	20	L404829-01	WG424192	
1,4-Dichlorobenzene	mg/l	0.0480	0.0501	96.0	32-136	4.30	23	L404829-01	WG424192	
2,2-Dichloropropane	mg/l	0.0493	0.0521	98.6	14-158	5.46	23	L404829-01	WG424192	
2-Butanone (MEK)	mg/l	0.231	0.217	92.5	32-151	6.31	26	L404829-01	WG424192	
2-Chloroethyl vinyl ether	mg/l	0.0698	0.108	27.9	0-175	43.1	75	L404829-01	WG424192	
2-Chlorotoluene	mg/l	0.0481	0.0504	96.2	35-147	4.56	24	L404829-01	WG424192	
4-Chlorotoluene	mg/l	0.0471	0.0491	94.1	33-147	4.27	25	L404829-01	WG424192	
4-Methyl-2-pentanone (MIBK)	mg/l	0.281	0.254	112.	40-160	9.92	28	L404829-01	WG424192	
Acetone	mg/l	0.260	0.233	104.	25-157	11.1	26	L404829-01	WG424192	
Acrolein	mg/l	0.230	0.207	92.0	0-179	10.6	39	L404829-01	WG424192	
Acrylonitrile	mg/l	0.267	0.236	107.	37-162	12.3	24	L404829-01	WG424192	
Benzene	mg/l	0.0382	0.0395	76.4	16-158	3.29	21	L404829-01	WG424192	
Bromobenzene	mg/l	0.0469	0.0485	93.7	37-147	3.53	23	L404829-01	WG424192	
Bromodichloromethane	mg/l	0.0507	0.0511	101.	45-147	0.822	20	L404829-01	WG424192	
Bromoform	mg/l	0.0503	0.0498	101.	38-152	0.991	20	L404829-01	WG424192	
Bromomethane	mg/l	0.0399	0.0420	79.7	0-191	5.16	35	L404829-01	WG424192	
Carbon tetrachloride	mg/l	0.0402	0.0428	80.5	22-168	6.14	24	L404829-01	WG424192	
Chlorobenzene	mg/l	0.0446	0.0475	89.2	33-148	6.28	22	L404829-01	WG424192	
Chlorodibromomethane	mg/l	0.0548	0.0558	110.	48-151	1.91	21	L404829-01	WG424192	
Chloroethane	mg/l	0.0413	0.0453	82.5	4-176	9.35	27	L404829-01	WG424192	
Chloroform	mg/l	0.0416	0.0421	83.1	37-147	1.30	21	L404829-01	WG424192	
Chloromethane	mg/l	0.0338	0.0333	67.6	10-174	1.41	28	L404829-01	WG424192	
cis-1,2-Dichloroethene	mg/l	0.0413	0.0428	82.5	29-156	3.76	22	L404829-01	WG424192	
cis-1,3-Dichloropropene	mg/l	0.0463	0.0484	92.7	35-148	4.28	21	L404829-01	WG424192	
Di-isopropyl ether	mg/l	0.0478	0.0497	95.6	39-160	3.85	21	L404829-01	WG424192	
Dibromomethane	mg/l	0.0467	0.0461	93.4	36-152	1.23	20	L404829-01	WG424192	
Dichlorodifluoromethane	mg/l	0.0357	0.0367	71.4	0-200	2.74	26	L404829-01	WG424192	
Ethylbenzene	mg/l	0.0444	0.0471	88.8	29-150	6.00	24	L404829-01	WG424192	
Hexachloro-1,3-butadiene	mg/l	0.0537	0.0560	107.	28-144	4.24	33	L404829-01	WG424192	
Isopropylbenzene	mg/l	0.0482	0.0500	96.3	35-147	3.69	25	L404829-01	WG424192	
Methyl tert-butyl ether	mg/l	0.0516	0.0555	103.	24-167	7.29	22	L404829-01	WG424192	
Methylene Chloride	mg/l	0.0388	0.0395	77.6	23-151	1.70	21	L404829-01	WG424192	
n-Butylbenzene	mg/l	0.0504	0.0526	101.	22-151	4.44	29	L404829-01	WG424192	
n-Propylbenzene	mg/l	0.0480	0.0501	96.0	26-150	4.32	25	L404829-01	WG424192	
Naphthalene	mg/l	0.0583	0.0554	117.	24-160	5.10	37	L404829-01	WG424192	
p-Isopropyltoluene	mg/l	0.0516	0.0538	103.	28-151	4.14	27	L404829-01	WG424192	
sec-Butylbenzene	mg/l	0.0506	0.0528	101.	32-149	4.35	26	L404829-01	WG424192	
Styrene	mg/l	0.0487	0.0514	97.5	38-149	5.40	23	L404829-01	WG424192	
tert-Butylbenzene	mg/l	0.0507	0.0526	101.	36-149	3.63	26	L404829-01	WG424192	

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Mr. Jon Einarsen
21905 64th Ave W Ste 100

Quality Assurance Report Level II

Mountlake Terrace, WA 98043

June 04, 2009

L405016

Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit	Ref	Samp	Batch
			Ref	%Rec						
Tetrachloroethene	mg/l	0.0424	0.0442	84.8	13-157	4.11	24	L404829-01	WG424192	
Toluene	mg/l	0.0396	0.0417	79.2	22-152	5.20	22	L404829-01	WG424192	
trans-1,2-Dichloroethene	mg/l	0.0346	0.0364	69.1	11-160	5.12	23	L404829-01	WG424192	
trans-1,3-Dichloropropene	mg/l	0.0473	0.0486	94.7	33-153	2.57	22	L404829-01	WG424192	
Trichloroethene	mg/l	0.0418	0.0425	83.6	18-163	1.74	21	L404829-01	WG424192	
Trichlorofluoromethane	mg/l	0.0495	0.0502	99.0	10-177	1.35	24	L404829-01	WG424192	
Vinyl chloride	mg/l	0.0366	0.0370	73.2	0-179	1.21	26	L404829-01	WG424192	
4-Bromofluorobenzene				101.7	75-128					WG424192
Dibromofluoromethane				101.9	79-125					WG424192
Toluene-d8				99.34	87-114					WG424192
1,1,1,2-Tetrachloroethane	mg/kg	0.0353	0.0392	70.5	29-145	10.5	31	L405032-06	WG424224	
1,1,1-Trichloroethane	mg/kg	0.0355	0.0387	71.0	23-147	8.67	32	L405032-06	WG424224	
1,1,2,2-Tetrachloroethane	mg/kg	0.0238	0.0324	47.5	18-150	30.8	33	L405032-06	WG424224	
1,1,2-Trichloroethane	mg/kg	0.0302	0.0356	60.3	35-140	16.6	29	L405032-06	WG424224	
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0329	0.0348	65.8	10-145	5.61	35	L405032-06	WG424224	
1,1-Dichloroethane	mg/kg	0.0357	0.0374	71.4	24-148	4.73	31	L405032-06	WG424224	
1,1-Dichloroethene	mg/kg	0.0315	0.0322	63.0	10-149	2.31	34	L405032-06	WG424224	
1,1-Dichloropropene	mg/kg	0.0261	0.0264	52.1	10-141	1.22	34	L405032-06	WG424224	
1,2,3-Trichlorobenzene	mg/kg	0.0094	0.0130	18.8	10-129	31.9	43	L405032-06	WG424224	
1,2,3-Trichloropropane	mg/kg	0.0255	0.0340	51.0	30-148	28.5	32	L405032-06	WG424224	
1,2,3-Trimethylbenzene	mg/kg	0.0341	0.0392	68.2	10-137	13.8	36	L405032-06	WG424224	
1,2,4-Trichlorobenzene	mg/kg	0.0098	0.0116	19.6	10-119	17.0	44	L405032-06	WG424224	
1,2,4-Trimethylbenzene	mg/kg	0.0175	0.0186	34.9	10-145	6.11	41	L405032-06	WG424224	
1,2-Dibromo-3-Chloropropane	mg/kg	0.0320	0.0543	64.0	19-145	51.8*	35	L405032-06	WG424224	
1,2-Dibromoethane	mg/kg	0.0256	0.0307	51.2	24-145	18.2	31	L405032-06	WG424224	
1,2-Dichlorobenzene	mg/kg	0.0208	0.0257	41.7	12-130	20.8	35	L405032-06	WG424224	
1,2-Dichloroethane	mg/kg	0.0320	0.0368	63.9	21-155	14.2	29	L405032-06	WG424224	
1,2-Dichloropropane	mg/kg	0.0320	0.0365	64.0	28-144	13.2	30	L405032-06	WG424224	
1,3,5-Trimethylbenzene	mg/kg	0.0196	0.0208	39.2	10-135	6.12	39	L405032-06	WG424224	
1,3-Dichlorobenzene	mg/kg	0.0104	0.0126	20.9	10-129	18.9	38	L405032-06	WG424224	
1,3-Dichloropropane	mg/kg	0.0273	0.0328	54.6	31-137	18.3	29	L405032-06	WG424224	
1,4-Dichlorobenzene	mg/kg	0.0186	0.0219	37.2	10-121	16.4	36	L405032-06	WG424224	
2,2-Dichloropropane	mg/kg	0.0366	0.0396	73.1	18-144	8.08	32	L405032-06	WG424224	
2-Butanone (MEK)	mg/kg	0.229	0.308	83.1	21-143	29.4	37	L405032-06	WG424224	
2-Chloroethyl vinyl ether	mg/kg	0.0010	0.0017	0.406	0-176	54.1*	50	L405032-06	WG424224	
2-Chlorotoluene	mg/kg	0.0166	0.0181	33.3	10-132	8.34	37	L405032-06	WG424224	
4-Chlorotoluene	mg/kg	0.0126	0.0138	25.2	10-129	8.96	38	L405032-06	WG424224	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.234	0.317	93.5	31-151	30.2	36	L405032-06	WG424224	
Acetone	mg/kg	0.300	0.403	120.	13-158	29.1	34	L405032-06	WG424224	
Acrylonitrile	mg/kg	0.225	0.285	90.0	20-154	23.4	35	L405032-06	WG424224	
Benzene	mg/kg	0.0297	0.0321	56.6	16-143	7.79	31	L405032-06	WG424224	
Bromobenzene	mg/kg	0.0130	0.0148	26.0	14-135	12.7	39	L405032-06	WG424224	
Bromodichloromethane	mg/kg	0.0345	0.0383	69.0	27-139	10.3	30	L405032-06	WG424224	
Bromoform	mg/kg	0.0265	0.0359	53.1	21-144	30.1	34	L405032-06	WG424224	
Bromomethane	mg/kg	0.0407	0.0434	81.4	0-180	6.50	41	L405032-06	WG424224	
Carbon tetrachloride	mg/kg	0.0358	0.0375	71.7	12-149	4.63	34	L405032-06	WG424224	
Chlorobenzene	mg/kg	0.0195	0.0211	38.9	17-134	8.29	34	L405032-06	WG424224	
Chlorodibromomethane	mg/kg	0.0314	0.0394	62.8	28-147	22.5	32	L405032-06	WG424224	
Chloroethane	mg/kg	0.0367	0.0407	73.5	0-172	10.2	38	L405032-06	WG424224	
Chloroform	mg/kg	0.0324	0.0350	64.8	28-138	7.91	30	L405032-06	WG424224	
Chloromethane	mg/kg	0.0437	0.0451	87.3	10-158	3.21	35	L405032-06	WG424224	
cis-1,2-Dichloroethene	mg/kg	0.0296	0.0314	59.1	21-147	6.19	31	L405032-06	WG424224	
cis-1,3-Dichloropropene	mg/kg	0.0272	0.0310	54.5	17-145	12.8	32	L405032-06	WG424224	
Di-isopropyl ether	mg/kg	0.0388	0.0434	77.6	31-153	11.3	29	L405032-06	WG424224	
Dibromomethane	mg/kg	0.0316	0.0348	63.1	24-147	9.76	30	L405032-06	WG424224	
Dichlorodifluoromethane	mg/kg	0.0476	0.0467	95.2	0-192	1.89	38	L405032-06	WG424224	
Ethylbenzene	mg/kg	0.0244	0.0253	48.8	12-137	3.50	36	L405032-06	WG424224	

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Quality Assurance Report Level II

L405016

June 04, 2009

Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit	Ref Samp	Batch
			Ref	%Rec					
Hexachloro-1,3-butadiene	mg/kg	0.0251	0.0210	50.2	10-123	17.6	50	L405032-06	WG424224
Isopropylbenzene	mg/kg	0.0240	0.0234	48.0	14-134	2.68	37	L405032-06	WG424224
Methyl tert-butyl ether	mg/kg	0.0418	0.0466	83.6	21-157	10.7	31	L405032-06	WG424224
Methylene Chloride	mg/kg	0.0349	0.0391	69.9	12-149	11.2	31	L405032-06	WG424224
n-Butylbenzene	mg/kg	0.0224	0.0201	44.9	10-130	11.0	48	L405032-06	WG424224
n-Propylbenzene	mg/kg	0.0174	0.0169	34.7	10-130	3.02	40	L405032-06	WG424224
Naphthalene	mg/kg	0.0068	0.0114	13.6	0-146	50.5*	43	L405032-06	WG424224
p-Isopropyltoluene	mg/kg	0.0176	0.0171	35.1	10-131	2.65	43	L405032-06	WG424224
sec-Butylbenzene	mg/kg	0.0187	0.0179	37.3	10-134	3.96	43	L405032-06	WG424224
Styrene	mg/kg	0.0135	0.0155	26.9	10-140	14.3	35	L405032-06	WG424224
tert-Butylbenzene	mg/kg	0.0252	0.0257	50.5	11-137	1.89	39	L405032-06	WG424224
Tetrachloroethene	mg/kg	0.0344	0.0343	57.7	10-131	0.498	35	L405032-06	WG424224
Toluene	mg/kg	0.0268	0.0292	53.5	12-136	8.58	32	L405032-06	WG424224
trans-1,2-Dichloroethene	mg/kg	0.0275	0.0279	55.1	10-143	1.45	33	L405032-06	WG424224
trans-1,3-Dichloropropene	mg/kg	0.0227	0.0278	45.3	16-147	20.2	32	L405032-06	WG424224
Trichloroethene	mg/kg	0.0502	0.0592	68.4	10-155	16.4	33	L405032-06	WG424224
Trichlorofluoromethane	mg/kg	0.0358	0.0374	71.6	10-154	4.25	32	L405032-06	WG424224
Vinyl chloride	mg/kg	0.0391	0.0384	78.3	10-159	1.90	36	L405032-06	WG424224
4-Bromofluorobenzene				58.94*	59-140				WG424224
Dibromofluoromethane				94.21	63-139				WG424224
Toluene-d8				91.14	84-116				WG424224
a,a,a-Trifluorotoluene				105.5	80-118				WG424224

Batch number /Run number / Sample number cross reference

WG424192: R762988: L405016-08
WG424224: R763826: L405016-01 02 03 04 05 06 07 09 10 11 12 13 14 15 16
WG424684: R771908: L405016-01 02 03 04 05 06 07 09
WG424685: R771926: L405016-10 11 12 13 14 15 16

* * Calculations are performed prior to rounding of reported values .
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L405016

June 04, 2009

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

Terracon- Lynnwood, WA 21905 64th Ave W Ste 100 Mountlake Terrace, WA 98043			Alternate billing information: Email: jmeinarsen@terracon.com			Analysis/Container/Preservative V8260 40mlAmb-HCl V8260- Trip Blank 40mlAmb-HCl-Blk			Chain of Custody Page <u>1</u> of <u>1</u> D077 Prepared by: ENVIRONMENTAL SCIENCE CORP. 12065 Lebanon Road Mt. Juliet, TN 37122 Phone (800) 767-5859 FAX (615) 758-5859																																																																																																																																				
Report to: Mr. Jon Einarsen			Email: jmeinarsen@terracon.com																																																																																																																																										
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Phone: (425) 771-3304 FAX: (425) 771-3549		Client Project #: 81097016		Lab Project #: TERRLWA-81097016																																																																																																																																									
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Collected by (signature):		Rush? (Lab MUST Be Notified) Same Day 200% Next Day 100% Two Day 50% Three Day 25%		Date Results Needed Email? ☐ No ☒ Yes FAX? ☐ No ☐ Yes		No. of Cntrs																																																																																																																																							
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<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Sample ID</th> <th>Comp/Grab</th> <th>Matrix*</th> <th>Depth</th> <th>Date</th> <th>Time</th> <th>No. of Cntrs</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>MW-1</td> <td>Grab</td> <td>GW</td> <td>33'</td> <td>6/17/09</td> <td>8:57</td> <td>2</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>MW-2</td> <td>Grab</td> <td>GW</td> <td>39'</td> <td>6/16/09</td> <td>3:02</td> <td>2</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>MW-3</td> <td>Grab</td> <td>GW</td> <td>31'</td> <td>6/17/09</td> <td>10:59</td> <td>2</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>MW-4</td> <td>Grab</td> <td>GW</td> <td>30'</td> <td>6/16/09</td> <td>4:36</td> <td>2</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>PP-MW-2</td> <td>Grab</td> <td>GW</td> <td>28'</td> <td>6/16/09</td> <td>12:15</td> <td>2</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>GW</td> <td></td> <td></td> <td></td> <td>2</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>GW</td> <td></td> <td></td> <td></td> <td>2</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Equipment Blank</td> <td></td> <td>GW</td> <td></td> <td>6/16/09</td> <td>1:03</td> <td>2</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>TRIP BLANK</td> <td></td> <td>GW</td> <td></td> <td>6/16/09</td> <td></td> <td>1</td> <td>X</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>												Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs							MW-1	Grab	GW	33'	6/17/09	8:57	2	X						MW-2	Grab	GW	39'	6/16/09	3:02	2	X						MW-3	Grab	GW	31'	6/17/09	10:59	2	X						MW-4	Grab	GW	30'	6/16/09	4:36	2	X						PP-MW-2	Grab	GW	28'	6/16/09	12:15	2	X								GW				2	X								GW				2	X						Equipment Blank		GW		6/16/09	1:03	2	X						TRIP BLANK		GW		6/16/09		1	X					
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MW-2	Grab	GW	39'	6/16/09	3:02	2	X																																																																																																																																						
MW-3	Grab	GW	31'	6/17/09	10:59	2	X																																																																																																																																						
MW-4	Grab	GW	30'	6/16/09	4:36	2	X																																																																																																																																						
PP-MW-2	Grab	GW	28'	6/16/09	12:15	2	X																																																																																																																																						
		GW				2	X																																																																																																																																						
		GW				2	X																																																																																																																																						
Equipment Blank		GW		6/16/09	1:03	2	X																																																																																																																																						
TRIP BLANK		GW		6/16/09		1	X																																																																																																																																						
										Remarks/Contaminant		Sample # (lab only)																																																																																																																																	
												408342-01 40834202 03 04 05 06 07																																																																																																																																	

*Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other _____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Relinquished by: (Signature) Relinquished by: (Signature) Relinquished by: (Signature) 	Date: 6/17/09	Time: 2:40	Received by: (Signature) 	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐	Condition: (lab use only)
	Date:	Time:	Received by: (Signature) 	Temp: 3.2°C Bottles Received: 13	COC Seal Intact: ☐ Y ☐ N ☐ NA
	Date:	Time:	Received for lab by: (Signature) 	Date: 6/18/09 Time: 0900	pH Checked: NCF:

9664 7456 0210



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Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

Report Summary

Tuesday June 23, 2009

Report Number: L408342

Samples Received: 06/18/09

Client Project: 81097016

Description: Marketplace Retail LSI

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:

Jarred Willis, ESC Representative

Laboratory Certification Numbers

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REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

June 23, 2009

Date Received : June 18, 2009
Description : Marketplace Retail LSI

Sample ID : MW-1

Collected By : Travis Hauk
Collection Date : 06/17/09 08:57

ESC Sample # : L408342-01

Site ID : 81097016

Project # : 81097016

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	0.050	mg/l	8260B	06/21/09	1
Acrolein	BDL	0.050	mg/l	8260B	06/21/09	1
Acrylonitrile	BDL	0.010	mg/l	8260B	06/21/09	1
Benzene	0.0017	0.0010	mg/l	8260B	06/21/09	1
Bromobenzene	BDL	0.0010	mg/l	8260B	06/21/09	1
Bromodichloromethane	BDL	0.0010	mg/l	8260B	06/21/09	1
Bromoform	BDL	0.0010	mg/l	8260B	06/21/09	1
Bromomethane	BDL	0.0050	mg/l	8260B	06/21/09	1
n-Butylbenzene	BDL	0.0010	mg/l	8260B	06/21/09	1
sec-Butylbenzene	BDL	0.0010	mg/l	8260B	06/21/09	1
tert-Butylbenzene	BDL	0.0010	mg/l	8260B	06/21/09	1
Carbon tetrachloride	BDL	0.0010	mg/l	8260B	06/21/09	1
Chlorobenzene	BDL	0.0010	mg/l	8260B	06/21/09	1
Chlorodibromomethane	BDL	0.0010	mg/l	8260B	06/21/09	1
Chloroethane	BDL	0.0050	mg/l	8260B	06/21/09	1
2-Chloroethyl vinyl ether	BDL	0.050	mg/l	8260B	06/21/09	1
Chloroform	BDL	0.0050	mg/l	8260B	06/21/09	1
Chloromethane	BDL	0.0025	mg/l	8260B	06/21/09	1
2-Chlorotoluene	BDL	0.0010	mg/l	8260B	06/21/09	1
4-Chlorotoluene	BDL	0.0010	mg/l	8260B	06/21/09	1
1,2-Dibromo-3-Chloropropane	BDL	0.0050	mg/l	8260B	06/21/09	1
1,2-Dibromoethane	BDL	0.0010	mg/l	8260B	06/21/09	1
Dibromomethane	BDL	0.0010	mg/l	8260B	06/21/09	1
1,2-Dichlorobenzene	BDL	0.0010	mg/l	8260B	06/21/09	1
1,3-Dichlorobenzene	BDL	0.0010	mg/l	8260B	06/21/09	1
1,4-Dichlorobenzene	BDL	0.0010	mg/l	8260B	06/21/09	1
Dichlorodifluoromethane	BDL	0.0050	mg/l	8260B	06/21/09	1
1,1-Dichloroethane	BDL	0.0010	mg/l	8260B	06/21/09	1
1,2-Dichloroethane	BDL	0.0010	mg/l	8260B	06/21/09	1
1,1-Dichloroethene	BDL	0.0010	mg/l	8260B	06/21/09	1
cis-1,2-Dichloroethene	0.0048	0.0010	mg/l	8260B	06/21/09	1
trans-1,2-Dichloroethene	BDL	0.0010	mg/l	8260B	06/21/09	1
1,2-Dichloropropane	BDL	0.0010	mg/l	8260B	06/21/09	1
1,1-Dichloropropene	BDL	0.0010	mg/l	8260B	06/21/09	1
1,3-Dichloropropene	BDL	0.0010	mg/l	8260B	06/21/09	1
cis-1,3-Dichloropropene	BDL	0.0010	mg/l	8260B	06/21/09	1
trans-1,3-Dichloropropene	BDL	0.0010	mg/l	8260B	06/21/09	1
2,2-Dichloropropane	BDL	0.0010	mg/l	8260B	06/21/09	1
Di-isopropyl ether	BDL	0.0010	mg/l	8260B	06/21/09	1
Ethylbenzene	0.0011	0.0010	mg/l	8260B	06/21/09	1
Hexachloro-1,3-butadiene	BDL	0.0010	mg/l	8260B	06/21/09	1
Isopropylbenzene	BDL	0.0010	mg/l	8260B	06/21/09	1
p-Isopropyltoluene	BDL	0.0010	mg/l	8260B	06/21/09	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)



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REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

June 23, 2009

Date Received : June 18, 2009
Description : Marketplace Retail LSI

Sample ID : MW-1

Collected By : Travis Hauk
Collection Date : 06/17/09 08:57

ESC Sample # : L408342-01

Site ID : 81097016

Project # : 81097016

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
2-Butanone (MEK)	BDL	0.010	mg/l	8260B	06/21/09	1
Methylene Chloride	BDL	0.0050	mg/l	8260B	06/21/09	1
4-Methyl-2-pentanone (MIBK)	BDL	0.010	mg/l	8260B	06/21/09	1
Methyl tert-butyl ether	BDL	0.0010	mg/l	8260B	06/21/09	1
Naphthalene	BDL	0.0050	mg/l	8260B	06/21/09	1
n-Propylbenzene	BDL	0.0010	mg/l	8260B	06/21/09	1
Styrene	BDL	0.0010	mg/l	8260B	06/21/09	1
1,1,1,2-Tetrachloroethane	BDL	0.0010	mg/l	8260B	06/21/09	1
1,1,2,2-Tetrachloroethane	BDL	0.0010	mg/l	8260B	06/21/09	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0010	mg/l	8260B	06/21/09	1
Tetrachloroethene	0.012	0.0010	mg/l	8260B	06/21/09	1
Toluene	0.0069	0.0050	mg/l	8260B	06/21/09	1
1,2,3-Trichlorobenzene	BDL	0.0010	mg/l	8260B	06/21/09	1
1,2,4-Trichlorobenzene	BDL	0.0010	mg/l	8260B	06/21/09	1
1,1,1-Trichloroethane	BDL	0.0010	mg/l	8260B	06/21/09	1
1,1,2-Trichloroethane	BDL	0.0010	mg/l	8260B	06/21/09	1
Trichloroethene	BDL	0.0010	mg/l	8260B	06/21/09	1
Trichlorofluoromethane	BDL	0.0050	mg/l	8260B	06/21/09	1
1,2,3-Trichloropropane	BDL	0.0010	mg/l	8260B	06/21/09	1
1,2,4-Trimethylbenzene	0.0012	0.0010	mg/l	8260B	06/21/09	1
1,2,3-Trimethylbenzene	BDL	0.0010	mg/l	8260B	06/21/09	1
1,3,5-Trimethylbenzene	BDL	0.0010	mg/l	8260B	06/21/09	1
Vinyl chloride	BDL	0.0010	mg/l	8260B	06/21/09	1
Xylenes, Total	0.0056	0.0030	mg/l	8260B	06/21/09	1
Surrogate Recovery						
Toluene-d8	96.4		% Rec.	8260B	06/21/09	1
Dibromofluoromethane	98.1		% Rec.	8260B	06/21/09	1
4-Bromofluorobenzene	97.7		% Rec.	8260B	06/21/09	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

The reported analytical results relate only to the sample submitted.

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REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

June 23, 2009

Date Received : June 18, 2009
Description : Marketplace Retail LSI

Sample ID : MW-2

Collected By : Travis Hauk
Collection Date : 06/16/09 15:02

ESC Sample # : L408342-02

Site ID : 81097016

Project # : 81097016

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	0.050	mg/l	8260B	06/21/09	1
Acrolein	BDL	0.050	mg/l	8260B	06/21/09	1
Acrylonitrile	BDL	0.010	mg/l	8260B	06/21/09	1
Benzene	0.027	0.0010	mg/l	8260B	06/21/09	1
Bromobenzene	BDL	0.0010	mg/l	8260B	06/21/09	1
Bromodichloromethane	BDL	0.0010	mg/l	8260B	06/21/09	1
Bromoform	BDL	0.0010	mg/l	8260B	06/21/09	1
Bromomethane	BDL	0.0050	mg/l	8260B	06/21/09	1
n-Butylbenzene	BDL	0.0010	mg/l	8260B	06/21/09	1
sec-Butylbenzene	BDL	0.0010	mg/l	8260B	06/21/09	1
tert-Butylbenzene	BDL	0.0010	mg/l	8260B	06/21/09	1
Carbon tetrachloride	BDL	0.0010	mg/l	8260B	06/21/09	1
Chlorobenzene	BDL	0.0010	mg/l	8260B	06/21/09	1
Chlorodibromomethane	BDL	0.0010	mg/l	8260B	06/21/09	1
Chloroethane	BDL	0.0050	mg/l	8260B	06/21/09	1
2-Chloroethyl vinyl ether	BDL	0.050	mg/l	8260B	06/21/09	1
Chloroform	BDL	0.0050	mg/l	8260B	06/21/09	1
Chloromethane	BDL	0.0025	mg/l	8260B	06/21/09	1
2-Chlorotoluene	BDL	0.0010	mg/l	8260B	06/21/09	1
4-Chlorotoluene	BDL	0.0010	mg/l	8260B	06/21/09	1
1,2-Dibromo-3-Chloropropane	BDL	0.0050	mg/l	8260B	06/21/09	1
1,2-Dibromoethane	BDL	0.0010	mg/l	8260B	06/21/09	1
Dibromomethane	BDL	0.0010	mg/l	8260B	06/21/09	1
1,2-Dichlorobenzene	BDL	0.0010	mg/l	8260B	06/21/09	1
1,3-Dichlorobenzene	BDL	0.0010	mg/l	8260B	06/21/09	1
1,4-Dichlorobenzene	BDL	0.0010	mg/l	8260B	06/21/09	1
Dichlorodifluoromethane	BDL	0.0050	mg/l	8260B	06/21/09	1
1,1-Dichloroethane	BDL	0.0010	mg/l	8260B	06/21/09	1
1,2-Dichloroethane	BDL	0.0010	mg/l	8260B	06/21/09	1
1,1-Dichloroethene	BDL	0.0010	mg/l	8260B	06/21/09	1
cis-1,2-Dichloroethene	BDL	0.0010	mg/l	8260B	06/21/09	1
trans-1,2-Dichloroethene	BDL	0.0010	mg/l	8260B	06/21/09	1
1,2-Dichloropropane	BDL	0.0010	mg/l	8260B	06/21/09	1
1,1-Dichloropropene	BDL	0.0010	mg/l	8260B	06/21/09	1
1,3-Dichloropropene	BDL	0.0010	mg/l	8260B	06/21/09	1
cis-1,3-Dichloropropene	BDL	0.0010	mg/l	8260B	06/21/09	1
trans-1,3-Dichloropropene	BDL	0.0010	mg/l	8260B	06/21/09	1
2,2-Dichloropropane	BDL	0.0010	mg/l	8260B	06/21/09	1
Di-isopropyl ether	BDL	0.0010	mg/l	8260B	06/21/09	1
Ethylbenzene	0.035	0.0010	mg/l	8260B	06/21/09	1
Hexachloro-1,3-butadiene	BDL	0.0010	mg/l	8260B	06/21/09	1
Isopropylbenzene	0.0018	0.0010	mg/l	8260B	06/21/09	1
p-Isopropyltoluene	BDL	0.0010	mg/l	8260B	06/21/09	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)



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REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

June 23, 2009

Date Received : June 18, 2009
Description : Marketplace Retail LSI

Sample ID : MW-2

Collected By : Travis Hauk
Collection Date : 06/16/09 15:02

ESC Sample # : L408342-02

Site ID : 81097016

Project # : 81097016

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
2-Butanone (MEK)	BDL	0.010	mg/l	8260B	06/21/09	1
Methylene Chloride	BDL	0.0050	mg/l	8260B	06/21/09	1
4-Methyl-2-pentanone (MIBK)	BDL	0.010	mg/l	8260B	06/21/09	1
Methyl tert-butyl ether	BDL	0.0010	mg/l	8260B	06/21/09	1
Naphthalene	0.0095	0.0050	mg/l	8260B	06/21/09	1
n-Propylbenzene	0.0077	0.0010	mg/l	8260B	06/21/09	1
Styrene	BDL	0.0010	mg/l	8260B	06/21/09	1
1,1,1,2-Tetrachloroethane	BDL	0.0010	mg/l	8260B	06/21/09	1
1,1,2,2-Tetrachloroethane	BDL	0.0010	mg/l	8260B	06/21/09	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0010	mg/l	8260B	06/21/09	1
Tetrachloroethene	BDL	0.0010	mg/l	8260B	06/21/09	1
Toluene	0.19	0.0050	mg/l	8260B	06/21/09	1
1,2,3-Trichlorobenzene	BDL	0.0010	mg/l	8260B	06/21/09	1
1,2,4-Trichlorobenzene	BDL	0.0010	mg/l	8260B	06/21/09	1
1,1,1-Trichloroethane	BDL	0.0010	mg/l	8260B	06/21/09	1
1,1,2-Trichloroethane	BDL	0.0010	mg/l	8260B	06/21/09	1
Trichloroethene	BDL	0.0010	mg/l	8260B	06/21/09	1
Trichlorofluoromethane	BDL	0.0050	mg/l	8260B	06/21/09	1
1,2,3-Trichloropropane	BDL	0.0010	mg/l	8260B	06/21/09	1
1,2,4-Trimethylbenzene	0.048	0.0010	mg/l	8260B	06/21/09	1
1,2,3-Trimethylbenzene	0.010	0.0010	mg/l	8260B	06/21/09	1
1,3,5-Trimethylbenzene	0.013	0.0010	mg/l	8260B	06/21/09	1
Vinyl chloride	BDL	0.0010	mg/l	8260B	06/21/09	1
Xylenes, Total	0.21	0.0030	mg/l	8260B	06/21/09	1
Surrogate Recovery						
Toluene-d8	96.7		% Rec.	8260B	06/21/09	1
Dibromofluoromethane	97.8		% Rec.	8260B	06/21/09	1
4-Bromofluorobenzene	100.		% Rec.	8260B	06/21/09	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

June 23, 2009

Date Received : June 18, 2009
Description : Marketplace Retail LSI

Sample ID : MW-3

Collected By : Travis Hauk
Collection Date : 06/17/09 10:59

ESC Sample # : L408342-03

Site ID : 81097016

Project # : 81097016

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	0.050	mg/l	8260B	06/21/09	1
Acrolein	BDL	0.050	mg/l	8260B	06/21/09	1
Acrylonitrile	BDL	0.010	mg/l	8260B	06/21/09	1
Benzene	BDL	0.0010	mg/l	8260B	06/21/09	1
Bromobenzene	BDL	0.0010	mg/l	8260B	06/21/09	1
Bromodichloromethane	BDL	0.0010	mg/l	8260B	06/21/09	1
Bromoform	BDL	0.0010	mg/l	8260B	06/21/09	1
Bromomethane	BDL	0.0050	mg/l	8260B	06/21/09	1
n-Butylbenzene	BDL	0.0010	mg/l	8260B	06/21/09	1
sec-Butylbenzene	BDL	0.0010	mg/l	8260B	06/21/09	1
tert-Butylbenzene	BDL	0.0010	mg/l	8260B	06/21/09	1
Carbon tetrachloride	BDL	0.0010	mg/l	8260B	06/21/09	1
Chlorobenzene	BDL	0.0010	mg/l	8260B	06/21/09	1
Chlorodibromomethane	BDL	0.0010	mg/l	8260B	06/21/09	1
Chloroethane	BDL	0.0050	mg/l	8260B	06/21/09	1
2-Chloroethyl vinyl ether	BDL	0.050	mg/l	8260B	06/21/09	1
Chloroform	BDL	0.0050	mg/l	8260B	06/21/09	1
Chloromethane	BDL	0.0025	mg/l	8260B	06/21/09	1
2-Chlorotoluene	BDL	0.0010	mg/l	8260B	06/21/09	1
4-Chlorotoluene	BDL	0.0010	mg/l	8260B	06/21/09	1
1,2-Dibromo-3-Chloropropane	BDL	0.0050	mg/l	8260B	06/21/09	1
1,2-Dibromoethane	BDL	0.0010	mg/l	8260B	06/21/09	1
Dibromomethane	BDL	0.0010	mg/l	8260B	06/21/09	1
1,2-Dichlorobenzene	BDL	0.0010	mg/l	8260B	06/21/09	1
1,3-Dichlorobenzene	BDL	0.0010	mg/l	8260B	06/21/09	1
1,4-Dichlorobenzene	BDL	0.0010	mg/l	8260B	06/21/09	1
Dichlorodifluoromethane	BDL	0.0050	mg/l	8260B	06/21/09	1
1,1-Dichloroethane	BDL	0.0010	mg/l	8260B	06/21/09	1
1,2-Dichloroethane	BDL	0.0010	mg/l	8260B	06/21/09	1
1,1-Dichloroethene	BDL	0.0010	mg/l	8260B	06/21/09	1
cis-1,2-Dichloroethene	BDL	0.0010	mg/l	8260B	06/21/09	1
trans-1,2-Dichloroethene	BDL	0.0010	mg/l	8260B	06/21/09	1
1,2-Dichloropropane	BDL	0.0010	mg/l	8260B	06/21/09	1
1,1-Dichloropropene	BDL	0.0010	mg/l	8260B	06/21/09	1
1,3-Dichloropropene	BDL	0.0010	mg/l	8260B	06/21/09	1
cis-1,3-Dichloropropene	BDL	0.0010	mg/l	8260B	06/21/09	1
trans-1,3-Dichloropropene	BDL	0.0010	mg/l	8260B	06/21/09	1
2,2-Dichloropropane	BDL	0.0010	mg/l	8260B	06/21/09	1
Di-isopropyl ether	BDL	0.0010	mg/l	8260B	06/21/09	1
Ethylbenzene	BDL	0.0010	mg/l	8260B	06/21/09	1
Hexachloro-1,3-butadiene	BDL	0.0010	mg/l	8260B	06/21/09	1
Isopropylbenzene	BDL	0.0010	mg/l	8260B	06/21/09	1
p-Isopropyltoluene	BDL	0.0010	mg/l	8260B	06/21/09	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)



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Est. 1970

REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

June 23, 2009

Date Received : June 18, 2009
Description : Marketplace Retail LSI

Sample ID : MW-3

Collected By : Travis Hauk
Collection Date : 06/17/09 10:59

ESC Sample # : L408342-03

Site ID : 81097016

Project # : 81097016

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
2-Butanone (MEK)	BDL	0.010	mg/l	8260B	06/21/09	1
Methylene Chloride	BDL	0.0050	mg/l	8260B	06/21/09	1
4-Methyl-2-pentanone (MIBK)	BDL	0.010	mg/l	8260B	06/21/09	1
Methyl tert-butyl ether	BDL	0.0010	mg/l	8260B	06/21/09	1
Naphthalene	BDL	0.0050	mg/l	8260B	06/21/09	1
n-Propylbenzene	BDL	0.0010	mg/l	8260B	06/21/09	1
Styrene	BDL	0.0010	mg/l	8260B	06/21/09	1
1,1,1,2-Tetrachloroethane	BDL	0.0010	mg/l	8260B	06/21/09	1
1,1,2,2-Tetrachloroethane	BDL	0.0010	mg/l	8260B	06/21/09	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0010	mg/l	8260B	06/21/09	1
Tetrachloroethene	0.0066	0.0010	mg/l	8260B	06/21/09	1
Toluene	BDL	0.0050	mg/l	8260B	06/21/09	1
1,2,3-Trichlorobenzene	BDL	0.0010	mg/l	8260B	06/21/09	1
1,2,4-Trichlorobenzene	BDL	0.0010	mg/l	8260B	06/21/09	1
1,1,1-Trichloroethane	BDL	0.0010	mg/l	8260B	06/21/09	1
1,1,2-Trichloroethane	BDL	0.0010	mg/l	8260B	06/21/09	1
Trichloroethene	BDL	0.0010	mg/l	8260B	06/21/09	1
Trichlorofluoromethane	BDL	0.0050	mg/l	8260B	06/21/09	1
1,2,3-Trichloropropane	BDL	0.0010	mg/l	8260B	06/21/09	1
1,2,4-Trimethylbenzene	BDL	0.0010	mg/l	8260B	06/21/09	1
1,2,3-Trimethylbenzene	BDL	0.0010	mg/l	8260B	06/21/09	1
1,3,5-Trimethylbenzene	BDL	0.0010	mg/l	8260B	06/21/09	1
Vinyl chloride	BDL	0.0010	mg/l	8260B	06/21/09	1
Xylenes, Total	BDL	0.0030	mg/l	8260B	06/21/09	1
Surrogate Recovery						
Toluene-d8	95.7		% Rec.	8260B	06/21/09	1
Dibromofluoromethane	96.9		% Rec.	8260B	06/21/09	1
4-Bromofluorobenzene	99.0		% Rec.	8260B	06/21/09	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

June 23, 2009

Date Received : June 18, 2009
Description : Marketplace Retail LSI

Sample ID : MW-4

Collected By : Travis Hauk
Collection Date : 06/16/09 16:36

ESC Sample # : L408342-04

Site ID : 81097016

Project # : 81097016

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	0.050	mg/l	8260B	06/21/09	1
Acrolein	BDL	0.050	mg/l	8260B	06/21/09	1
Acrylonitrile	BDL	0.010	mg/l	8260B	06/21/09	1
Benzene	0.0081	0.0010	mg/l	8260B	06/21/09	1
Bromobenzene	BDL	0.0010	mg/l	8260B	06/21/09	1
Bromodichloromethane	BDL	0.0010	mg/l	8260B	06/21/09	1
Bromoform	BDL	0.0010	mg/l	8260B	06/21/09	1
Bromomethane	BDL	0.0050	mg/l	8260B	06/21/09	1
n-Butylbenzene	BDL	0.0010	mg/l	8260B	06/21/09	1
sec-Butylbenzene	BDL	0.0010	mg/l	8260B	06/21/09	1
tert-Butylbenzene	BDL	0.0010	mg/l	8260B	06/21/09	1
Carbon tetrachloride	BDL	0.0010	mg/l	8260B	06/21/09	1
Chlorobenzene	BDL	0.0010	mg/l	8260B	06/21/09	1
Chlorodibromomethane	BDL	0.0010	mg/l	8260B	06/21/09	1
Chloroethane	BDL	0.0050	mg/l	8260B	06/21/09	1
2-Chloroethyl vinyl ether	BDL	0.050	mg/l	8260B	06/21/09	1
Chloroform	BDL	0.0050	mg/l	8260B	06/21/09	1
Chloromethane	BDL	0.0025	mg/l	8260B	06/21/09	1
2-Chlorotoluene	BDL	0.0010	mg/l	8260B	06/21/09	1
4-Chlorotoluene	BDL	0.0010	mg/l	8260B	06/21/09	1
1,2-Dibromo-3-Chloropropane	BDL	0.0050	mg/l	8260B	06/21/09	1
1,2-Dibromoethane	BDL	0.0010	mg/l	8260B	06/21/09	1
Dibromomethane	BDL	0.0010	mg/l	8260B	06/21/09	1
1,2-Dichlorobenzene	BDL	0.0010	mg/l	8260B	06/21/09	1
1,3-Dichlorobenzene	BDL	0.0010	mg/l	8260B	06/21/09	1
1,4-Dichlorobenzene	BDL	0.0010	mg/l	8260B	06/21/09	1
Dichlorodifluoromethane	BDL	0.0050	mg/l	8260B	06/21/09	1
1,1-Dichloroethane	BDL	0.0010	mg/l	8260B	06/21/09	1
1,2-Dichloroethane	BDL	0.0010	mg/l	8260B	06/21/09	1
1,1-Dichloroethene	BDL	0.0010	mg/l	8260B	06/21/09	1
cis-1,2-Dichloroethene	BDL	0.0010	mg/l	8260B	06/21/09	1
trans-1,2-Dichloroethene	BDL	0.0010	mg/l	8260B	06/21/09	1
1,2-Dichloropropane	BDL	0.0010	mg/l	8260B	06/21/09	1
1,1-Dichloropropene	BDL	0.0010	mg/l	8260B	06/21/09	1
1,3-Dichloropropene	BDL	0.0010	mg/l	8260B	06/21/09	1
cis-1,3-Dichloropropene	BDL	0.0010	mg/l	8260B	06/21/09	1
trans-1,3-Dichloropropene	BDL	0.0010	mg/l	8260B	06/21/09	1
2,2-Dichloropropane	BDL	0.0010	mg/l	8260B	06/21/09	1
Di-isopropyl ether	BDL	0.0010	mg/l	8260B	06/21/09	1
Ethylbenzene	0.011	0.0010	mg/l	8260B	06/21/09	1
Hexachloro-1,3-butadiene	BDL	0.0010	mg/l	8260B	06/21/09	1
Isopropylbenzene	BDL	0.0010	mg/l	8260B	06/21/09	1
p-Isopropyltoluene	BDL	0.0010	mg/l	8260B	06/21/09	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)



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REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

June 23, 2009

Date Received : June 18, 2009
Description : Marketplace Retail LSI

Sample ID : MW-4

Collected By : Travis Hauk
Collection Date : 06/16/09 16:36

ESC Sample # : L408342-04

Site ID : 81097016

Project # : 81097016

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
2-Butanone (MEK)	BDL	0.010	mg/l	8260B	06/21/09	1
Methylene Chloride	BDL	0.0050	mg/l	8260B	06/21/09	1
4-Methyl-2-pentanone (MIBK)	BDL	0.010	mg/l	8260B	06/21/09	1
Methyl tert-butyl ether	BDL	0.0010	mg/l	8260B	06/21/09	1
Naphthalene	BDL	0.0050	mg/l	8260B	06/21/09	1
n-Propylbenzene	0.0028	0.0010	mg/l	8260B	06/21/09	1
Styrene	BDL	0.0010	mg/l	8260B	06/21/09	1
1,1,1,2-Tetrachloroethane	BDL	0.0010	mg/l	8260B	06/21/09	1
1,1,2,2-Tetrachloroethane	BDL	0.0010	mg/l	8260B	06/21/09	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0010	mg/l	8260B	06/21/09	1
Tetrachloroethene	0.17	0.0010	mg/l	8260B	06/21/09	1
Toluene	0.055	0.0050	mg/l	8260B	06/21/09	1
1,2,3-Trichlorobenzene	BDL	0.0010	mg/l	8260B	06/21/09	1
1,2,4-Trichlorobenzene	BDL	0.0010	mg/l	8260B	06/21/09	1
1,1,1-Trichloroethane	BDL	0.0010	mg/l	8260B	06/21/09	1
1,1,2-Trichloroethane	BDL	0.0010	mg/l	8260B	06/21/09	1
Trichloroethene	BDL	0.0010	mg/l	8260B	06/21/09	1
Trichlorofluoromethane	BDL	0.0050	mg/l	8260B	06/21/09	1
1,2,3-Trichloropropane	BDL	0.0010	mg/l	8260B	06/21/09	1
1,2,4-Trimethylbenzene	0.012	0.0010	mg/l	8260B	06/21/09	1
1,2,3-Trimethylbenzene	0.0026	0.0010	mg/l	8260B	06/21/09	1
1,3,5-Trimethylbenzene	0.0036	0.0010	mg/l	8260B	06/21/09	1
Vinyl chloride	BDL	0.0010	mg/l	8260B	06/21/09	1
Xylenes, Total	0.063	0.0030	mg/l	8260B	06/21/09	1
Surrogate Recovery						
Toluene-d8	97.6		% Rec.	8260B	06/21/09	1
Dibromofluoromethane	95.6		% Rec.	8260B	06/21/09	1
4-Bromofluorobenzene	101.		% Rec.	8260B	06/21/09	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

June 23, 2009

Date Received : June 18, 2009
Description : Marketplace Retail LSI

Sample ID : PP-MW-2

Collected By : Travis Hauk
Collection Date : 06/16/09 12:15

ESC Sample # : L408342-05

Site ID : 81097016

Project # : 81097016

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	0.50	mg/l	8260B	06/22/09	10
Acrolein	BDL	0.50	mg/l	8260B	06/22/09	10
Acrylonitrile	BDL	0.10	mg/l	8260B	06/22/09	10
Benzene	1.8	0.010	mg/l	8260B	06/22/09	10
Bromobenzene	BDL	0.010	mg/l	8260B	06/22/09	10
Bromodichloromethane	BDL	0.010	mg/l	8260B	06/22/09	10
Bromoform	BDL	0.010	mg/l	8260B	06/22/09	10
Bromomethane	BDL	0.050	mg/l	8260B	06/22/09	10
n-Butylbenzene	BDL	0.010	mg/l	8260B	06/22/09	10
sec-Butylbenzene	BDL	0.010	mg/l	8260B	06/22/09	10
tert-Butylbenzene	BDL	0.010	mg/l	8260B	06/22/09	10
Carbon tetrachloride	BDL	0.010	mg/l	8260B	06/22/09	10
Chlorobenzene	BDL	0.010	mg/l	8260B	06/22/09	10
Chlorodibromomethane	BDL	0.010	mg/l	8260B	06/22/09	10
Chloroethane	BDL	0.050	mg/l	8260B	06/22/09	10
2-Chloroethyl vinyl ether	BDL	0.50	mg/l	8260B	06/22/09	10
Chloroform	BDL	0.050	mg/l	8260B	06/22/09	10
Chloromethane	BDL	0.025	mg/l	8260B	06/22/09	10
2-Chlorotoluene	BDL	0.010	mg/l	8260B	06/22/09	10
4-Chlorotoluene	BDL	0.010	mg/l	8260B	06/22/09	10
1,2-Dibromo-3-Chloropropane	BDL	0.050	mg/l	8260B	06/22/09	10
1,2-Dibromoethane	BDL	0.010	mg/l	8260B	06/22/09	10
Dibromomethane	BDL	0.010	mg/l	8260B	06/22/09	10
1,2-Dichlorobenzene	BDL	0.010	mg/l	8260B	06/22/09	10
1,3-Dichlorobenzene	BDL	0.010	mg/l	8260B	06/22/09	10
1,4-Dichlorobenzene	BDL	0.010	mg/l	8260B	06/22/09	10
Dichlorodifluoromethane	BDL	0.050	mg/l	8260B	06/22/09	10
1,1-Dichloroethane	BDL	0.010	mg/l	8260B	06/22/09	10
1,2-Dichloroethane	BDL	0.010	mg/l	8260B	06/22/09	10
1,1-Dichloroethene	BDL	0.010	mg/l	8260B	06/22/09	10
cis-1,2-Dichloroethene	BDL	0.010	mg/l	8260B	06/22/09	10
trans-1,2-Dichloroethene	BDL	0.010	mg/l	8260B	06/22/09	10
1,2-Dichloropropane	BDL	0.010	mg/l	8260B	06/22/09	10
1,1-Dichloropropene	BDL	0.010	mg/l	8260B	06/22/09	10
1,3-Dichloropropene	BDL	0.010	mg/l	8260B	06/22/09	10
cis-1,3-Dichloropropene	BDL	0.010	mg/l	8260B	06/22/09	10
trans-1,3-Dichloropropene	BDL	0.010	mg/l	8260B	06/22/09	10
2,2-Dichloropropane	BDL	0.010	mg/l	8260B	06/22/09	10
Di-isopropyl ether	BDL	0.010	mg/l	8260B	06/22/09	10
Ethylbenzene	1.1	0.010	mg/l	8260B	06/22/09	10
Hexachloro-1,3-butadiene	BDL	0.010	mg/l	8260B	06/22/09	10
Isopropylbenzene	0.041	0.010	mg/l	8260B	06/22/09	10
p-Isopropyltoluene	0.011	0.010	mg/l	8260B	06/22/09	10

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)



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REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

June 23, 2009

Date Received : June 18, 2009
Description : Marketplace Retail LSI

Sample ID : PP-MW-2

Collected By : Travis Hauk
Collection Date : 06/16/09 12:15

ESC Sample # : L408342-05

Site ID : 81097016

Project # : 81097016

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
2-Butanone (MEK)	BDL	0.10	mg/l	8260B	06/22/09	10
Methylene Chloride	BDL	0.050	mg/l	8260B	06/22/09	10
4-Methyl-2-pentanone (MIBK)	BDL	0.10	mg/l	8260B	06/22/09	10
Methyl tert-butyl ether	BDL	0.010	mg/l	8260B	06/22/09	10
Naphthalene	0.14	0.050	mg/l	8260B	06/22/09	10
n-Propylbenzene	0.13	0.010	mg/l	8260B	06/22/09	10
Styrene	BDL	0.010	mg/l	8260B	06/22/09	10
1,1,1,2-Tetrachloroethane	BDL	0.010	mg/l	8260B	06/22/09	10
1,1,2,2-Tetrachloroethane	BDL	0.010	mg/l	8260B	06/22/09	10
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.010	mg/l	8260B	06/22/09	10
Tetrachloroethene	BDL	0.010	mg/l	8260B	06/22/09	10
Toluene	8.0	1.0	mg/l	8260B	06/22/09	200
1,2,3-Trichlorobenzene	BDL	0.010	mg/l	8260B	06/22/09	10
1,2,4-Trichlorobenzene	BDL	0.010	mg/l	8260B	06/22/09	10
1,1,1-Trichloroethane	BDL	0.010	mg/l	8260B	06/22/09	10
1,1,2-Trichloroethane	BDL	0.010	mg/l	8260B	06/22/09	10
Trichloroethene	BDL	0.010	mg/l	8260B	06/22/09	10
Trichlorofluoromethane	BDL	0.050	mg/l	8260B	06/22/09	10
1,2,3-Trichloropropane	BDL	0.010	mg/l	8260B	06/22/09	10
1,2,4-Trimethylbenzene	0.77	0.010	mg/l	8260B	06/22/09	10
1,2,3-Trimethylbenzene	0.18	0.010	mg/l	8260B	06/22/09	10
1,3,5-Trimethylbenzene	0.21	0.010	mg/l	8260B	06/22/09	10
Vinyl chloride	BDL	0.010	mg/l	8260B	06/22/09	10
Xylenes, Total	6.2	0.60	mg/l	8260B	06/22/09	200
Surrogate Recovery						
Toluene-d8	96.9		% Rec.	8260B	06/22/09	10
Dibromofluoromethane	97.9		% Rec.	8260B	06/22/09	10
4-Bromofluorobenzene	98.5		% Rec.	8260B	06/22/09	10

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

June 23, 2009

Date Received : June 18, 2009
Description : Marketplace Retail LSI

Sample ID : EQUIPMENT BLANK

Collected By : Travis Hauk
Collection Date : 06/16/09 13:03

ESC Sample # : L408342-06

Site ID : 81097016

Project # : 81097016

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	0.050	mg/l	8260B	06/22/09	1
Acrolein	BDL	0.050	mg/l	8260B	06/22/09	1
Acrylonitrile	BDL	0.010	mg/l	8260B	06/22/09	1
Benzene	0.012	0.0010	mg/l	8260B	06/22/09	1
Bromobenzene	BDL	0.0010	mg/l	8260B	06/22/09	1
Bromodichloromethane	BDL	0.0010	mg/l	8260B	06/22/09	1
Bromoform	BDL	0.0010	mg/l	8260B	06/22/09	1
Bromomethane	BDL	0.0050	mg/l	8260B	06/22/09	1
n-Butylbenzene	BDL	0.0010	mg/l	8260B	06/22/09	1
sec-Butylbenzene	BDL	0.0010	mg/l	8260B	06/22/09	1
tert-Butylbenzene	BDL	0.0010	mg/l	8260B	06/22/09	1
Carbon tetrachloride	BDL	0.0010	mg/l	8260B	06/22/09	1
Chlorobenzene	BDL	0.0010	mg/l	8260B	06/22/09	1
Chlorodibromomethane	BDL	0.0010	mg/l	8260B	06/22/09	1
Chloroethane	BDL	0.0050	mg/l	8260B	06/22/09	1
2-Chloroethyl vinyl ether	BDL	0.050	mg/l	8260B	06/22/09	1
Chloroform	BDL	0.0050	mg/l	8260B	06/22/09	1
Chloromethane	BDL	0.0025	mg/l	8260B	06/22/09	1
2-Chlorotoluene	BDL	0.0010	mg/l	8260B	06/22/09	1
4-Chlorotoluene	BDL	0.0010	mg/l	8260B	06/22/09	1
1,2-Dibromo-3-Chloropropane	BDL	0.0050	mg/l	8260B	06/22/09	1
1,2-Dibromoethane	BDL	0.0010	mg/l	8260B	06/22/09	1
Dibromomethane	BDL	0.0010	mg/l	8260B	06/22/09	1
1,2-Dichlorobenzene	BDL	0.0010	mg/l	8260B	06/22/09	1
1,3-Dichlorobenzene	BDL	0.0010	mg/l	8260B	06/22/09	1
1,4-Dichlorobenzene	BDL	0.0010	mg/l	8260B	06/22/09	1
Dichlorodifluoromethane	BDL	0.0050	mg/l	8260B	06/22/09	1
1,1-Dichloroethane	BDL	0.0010	mg/l	8260B	06/22/09	1
1,2-Dichloroethane	BDL	0.0010	mg/l	8260B	06/22/09	1
1,1-Dichloroethene	BDL	0.0010	mg/l	8260B	06/22/09	1
cis-1,2-Dichloroethene	BDL	0.0010	mg/l	8260B	06/22/09	1
trans-1,2-Dichloroethene	BDL	0.0010	mg/l	8260B	06/22/09	1
1,2-Dichloropropane	BDL	0.0010	mg/l	8260B	06/22/09	1
1,1-Dichloropropene	BDL	0.0010	mg/l	8260B	06/22/09	1
1,3-Dichloropropene	BDL	0.0010	mg/l	8260B	06/22/09	1
cis-1,3-Dichloropropene	BDL	0.0010	mg/l	8260B	06/22/09	1
trans-1,3-Dichloropropene	BDL	0.0010	mg/l	8260B	06/22/09	1
2,2-Dichloropropane	BDL	0.0010	mg/l	8260B	06/22/09	1
Di-isopropyl ether	BDL	0.0010	mg/l	8260B	06/22/09	1
Ethylbenzene	0.010	0.0010	mg/l	8260B	06/22/09	1
Hexachloro-1,3-butadiene	BDL	0.0010	mg/l	8260B	06/22/09	1
Isopropylbenzene	BDL	0.0010	mg/l	8260B	06/22/09	1
p-Isopropyltoluene	BDL	0.0010	mg/l	8260B	06/22/09	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)



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Est. 1970

REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

June 23, 2009

Date Received : June 18, 2009
Description : Marketplace Retail LSI
Sample ID : EQUIPMENT BLANK
Collected By : Travis Hauk
Collection Date : 06/16/09 13:03

ESC Sample # : L408342-06

Site ID : 81097016

Project # : 81097016

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
2-Butanone (MEK)	BDL	0.010	mg/l	8260B	06/22/09	1
Methylene Chloride	BDL	0.0050	mg/l	8260B	06/22/09	1
4-Methyl-2-pentanone (MIBK)	BDL	0.010	mg/l	8260B	06/22/09	1
Methyl tert-butyl ether	BDL	0.0010	mg/l	8260B	06/22/09	1
Naphthalene	0.0070	0.0050	mg/l	8260B	06/22/09	1
n-Propylbenzene	0.0024	0.0010	mg/l	8260B	06/22/09	1
Styrene	BDL	0.0010	mg/l	8260B	06/22/09	1
1,1,1,2-Tetrachloroethane	BDL	0.0010	mg/l	8260B	06/22/09	1
1,1,2,2-Tetrachloroethane	BDL	0.0010	mg/l	8260B	06/22/09	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0010	mg/l	8260B	06/22/09	1
Tetrachloroethene	BDL	0.0010	mg/l	8260B	06/22/09	1
Toluene	0.061	0.0050	mg/l	8260B	06/22/09	1
1,2,3-Trichlorobenzene	BDL	0.0010	mg/l	8260B	06/22/09	1
1,2,4-Trichlorobenzene	BDL	0.0010	mg/l	8260B	06/22/09	1
1,1,1-Trichloroethane	BDL	0.0010	mg/l	8260B	06/22/09	1
1,1,2-Trichloroethane	BDL	0.0010	mg/l	8260B	06/22/09	1
Trichloroethene	BDL	0.0010	mg/l	8260B	06/22/09	1
Trichlorofluoromethane	BDL	0.0050	mg/l	8260B	06/22/09	1
1,2,3-Trichloropropane	BDL	0.0010	mg/l	8260B	06/22/09	1
1,2,4-Trimethylbenzene	0.018	0.0010	mg/l	8260B	06/22/09	1
1,2,3-Trimethylbenzene	0.0046	0.0010	mg/l	8260B	06/22/09	1
1,3,5-Trimethylbenzene	0.0044	0.0010	mg/l	8260B	06/22/09	1
Vinyl chloride	BDL	0.0010	mg/l	8260B	06/22/09	1
Xylenes, Total	0.066	0.0030	mg/l	8260B	06/22/09	1
Surrogate Recovery						
Toluene-d8	96.8		% Rec.	8260B	06/22/09	1
Dibromofluoromethane	97.3		% Rec.	8260B	06/22/09	1
4-Bromofluorobenzene	99.3		% Rec.	8260B	06/22/09	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

The reported analytical results relate only to the sample submitted.

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REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

June 23, 2009

Date Received : June 18, 2009
Description : Marketplace Retail LSI
Sample ID : TRIP BLANK
Collected By : Travis Hauk
Collection Date : 06/16/09 00:00

ESC Sample # : L408342-07

Site ID : 81097016

Project # : 81097016

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	0.050	mg/l	8260B	06/22/09	1
Acrolein	BDL	0.050	mg/l	8260B	06/22/09	1
Acrylonitrile	BDL	0.010	mg/l	8260B	06/22/09	1
Benzene	BDL	0.0010	mg/l	8260B	06/22/09	1
Bromobenzene	BDL	0.0010	mg/l	8260B	06/22/09	1
Bromodichloromethane	BDL	0.0010	mg/l	8260B	06/22/09	1
Bromoform	BDL	0.0010	mg/l	8260B	06/22/09	1
Bromomethane	BDL	0.0050	mg/l	8260B	06/22/09	1
n-Butylbenzene	BDL	0.0010	mg/l	8260B	06/22/09	1
sec-Butylbenzene	BDL	0.0010	mg/l	8260B	06/22/09	1
tert-Butylbenzene	BDL	0.0010	mg/l	8260B	06/22/09	1
Carbon tetrachloride	BDL	0.0010	mg/l	8260B	06/22/09	1
Chlorobenzene	BDL	0.0010	mg/l	8260B	06/22/09	1
Chlorodibromomethane	BDL	0.0010	mg/l	8260B	06/22/09	1
Chloroethane	BDL	0.0050	mg/l	8260B	06/22/09	1
2-Chloroethyl vinyl ether	BDL	0.050	mg/l	8260B	06/22/09	1
Chloroform	BDL	0.0050	mg/l	8260B	06/22/09	1
Chloromethane	BDL	0.0025	mg/l	8260B	06/22/09	1
2-Chlorotoluene	BDL	0.0010	mg/l	8260B	06/22/09	1
4-Chlorotoluene	BDL	0.0010	mg/l	8260B	06/22/09	1
1,2-Dibromo-3-Chloropropane	BDL	0.0050	mg/l	8260B	06/22/09	1
1,2-Dibromoethane	BDL	0.0010	mg/l	8260B	06/22/09	1
Dibromomethane	BDL	0.0010	mg/l	8260B	06/22/09	1
1,2-Dichlorobenzene	BDL	0.0010	mg/l	8260B	06/22/09	1
1,3-Dichlorobenzene	BDL	0.0010	mg/l	8260B	06/22/09	1
1,4-Dichlorobenzene	BDL	0.0010	mg/l	8260B	06/22/09	1
Dichlorodifluoromethane	BDL	0.0050	mg/l	8260B	06/22/09	1
1,1-Dichloroethane	BDL	0.0010	mg/l	8260B	06/22/09	1
1,2-Dichloroethane	BDL	0.0010	mg/l	8260B	06/22/09	1
1,1-Dichloroethene	BDL	0.0010	mg/l	8260B	06/22/09	1
cis-1,2-Dichloroethene	BDL	0.0010	mg/l	8260B	06/22/09	1
trans-1,2-Dichloroethene	BDL	0.0010	mg/l	8260B	06/22/09	1
1,2-Dichloropropane	BDL	0.0010	mg/l	8260B	06/22/09	1
1,1-Dichloropropene	BDL	0.0010	mg/l	8260B	06/22/09	1
1,3-Dichloropropane	BDL	0.0010	mg/l	8260B	06/22/09	1
cis-1,3-Dichloropropene	BDL	0.0010	mg/l	8260B	06/22/09	1
trans-1,3-Dichloropropene	BDL	0.0010	mg/l	8260B	06/22/09	1
2,2-Dichloropropane	BDL	0.0010	mg/l	8260B	06/22/09	1
Di-isopropyl ether	BDL	0.0010	mg/l	8260B	06/22/09	1
Ethylbenzene	BDL	0.0010	mg/l	8260B	06/22/09	1
Hexachloro-1,3-butadiene	BDL	0.0010	mg/l	8260B	06/22/09	1
Isopropylbenzene	BDL	0.0010	mg/l	8260B	06/22/09	1
p-Isopropyltoluene	BDL	0.0010	mg/l	8260B	06/22/09	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)



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REPORT OF ANALYSIS

Mr. Jon Einarsen
Terracon- Lynnwood, WA
21905 64th Ave W Ste 100
Mountlake Terrace, WA 98043

June 23, 2009

Date Received : June 18, 2009
Description : Marketplace Retail LSI
Sample ID : TRIP BLANK
Collected By : Travis Hauk
Collection Date : 06/16/09 00:00

ESC Sample # : L408342-07

Site ID : 81097016

Project # : 81097016

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
2-Butanone (MEK)	BDL	0.010	mg/l	8260B	06/22/09	1
Methylene Chloride	BDL	0.0050	mg/l	8260B	06/22/09	1
4-Methyl-2-pentanone (MIBK)	BDL	0.010	mg/l	8260B	06/22/09	1
Methyl tert-butyl ether	BDL	0.0010	mg/l	8260B	06/22/09	1
Naphthalene	BDL	0.0050	mg/l	8260B	06/22/09	1
n-Propylbenzene	BDL	0.0010	mg/l	8260B	06/22/09	1
Styrene	BDL	0.0010	mg/l	8260B	06/22/09	1
1,1,1,2-Tetrachloroethane	BDL	0.0010	mg/l	8260B	06/22/09	1
1,1,2,2-Tetrachloroethane	BDL	0.0010	mg/l	8260B	06/22/09	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0010	mg/l	8260B	06/22/09	1
Tetrachloroethene	BDL	0.0010	mg/l	8260B	06/22/09	1
Toluene	BDL	0.0050	mg/l	8260B	06/22/09	1
1,2,3-Trichlorobenzene	BDL	0.0010	mg/l	8260B	06/22/09	1
1,2,4-Trichlorobenzene	BDL	0.0010	mg/l	8260B	06/22/09	1
1,1,1-Trichloroethane	BDL	0.0010	mg/l	8260B	06/22/09	1
1,1,2-Trichloroethane	BDL	0.0010	mg/l	8260B	06/22/09	1
Trichloroethene	BDL	0.0010	mg/l	8260B	06/22/09	1
Trichlorofluoromethane	BDL	0.0050	mg/l	8260B	06/22/09	1
1,2,3-Trichloropropane	BDL	0.0010	mg/l	8260B	06/22/09	1
1,2,4-Trimethylbenzene	BDL	0.0010	mg/l	8260B	06/22/09	1
1,2,3-Trimethylbenzene	BDL	0.0010	mg/l	8260B	06/22/09	1
1,3,5-Trimethylbenzene	BDL	0.0010	mg/l	8260B	06/22/09	1
Vinyl chloride	BDL	0.0010	mg/l	8260B	06/22/09	1
Xylenes, Total	BDL	0.0030	mg/l	8260B	06/22/09	1
Surrogate Recovery						
Toluene-d8	101.		% Rec.	8260B	06/22/09	1
Dibromofluoromethane	105.		% Rec.	8260B	06/22/09	1
4-Bromofluorobenzene	99.3		% Rec.	8260B	06/22/09	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
L408342-01	WG427675	SAMP	Acrylonitrile	R788287	J4
	WG427675	SAMP	Di-isopropyl ether	R788287	J4
L408342-02	WG427675	SAMP	Acrylonitrile	R788287	J4
	WG427675	SAMP	Di-isopropyl ether	R788287	J4
L408342-03	WG427675	SAMP	Acrylonitrile	R788287	J4
	WG427675	SAMP	Di-isopropyl ether	R788287	J4
L408342-04	WG427675	SAMP	Acrylonitrile	R788287	J4
	WG427675	SAMP	Di-isopropyl ether	R788287	J4
L408342-05	WG427675	SAMP	Acrylonitrile	R788287	J4
	WG427675	SAMP	Di-isopropyl ether	R788287	J4
L408342-06	WG427675	SAMP	Acrylonitrile	R788287	J4
	WG427675	SAMP	Di-isopropyl ether	R788287	J4

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
J4	The associated batch QC was outside the established quality control range for accuracy.

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

Definitions

- Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.
- Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Difference.
- Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromatography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.
- TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

Summary of Remarks For Samples Printed
06/23/09 at 09:48:07

TSR Signing Reports: 358
R5 - Desired TAT

Sample: L408342-01 Account: TERRLWA Received: 06/18/09 09:00 Due Date: 06/25/09 00:00 RPT Date: 06/23/09 09:47
Sample: L408342-02 Account: TERRLWA Received: 06/18/09 09:00 Due Date: 06/25/09 00:00 RPT Date: 06/23/09 09:47
Sample: L408342-03 Account: TERRLWA Received: 06/18/09 09:00 Due Date: 06/25/09 00:00 RPT Date: 06/23/09 09:47
Sample: L408342-04 Account: TERRLWA Received: 06/18/09 09:00 Due Date: 06/25/09 00:00 RPT Date: 06/23/09 09:47
Sample: L408342-05 Account: TERRLWA Received: 06/18/09 09:00 Due Date: 06/25/09 00:00 RPT Date: 06/23/09 09:47
Sample: L408342-06 Account: TERRLWA Received: 06/18/09 09:00 Due Date: 06/25/09 00:00 RPT Date: 06/23/09 09:47
Sample: L408342-07 Account: TERRLWA Received: 06/18/09 09:00 Due Date: 06/25/09 00:00 RPT Date: 06/23/09 09:47



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Terracon- Lynnwood, WA
Mr. Jon Einarsen
21905 64th Ave W Ste 100

Quality Assurance Report Level II

Mountlake Terrace, WA 98043

June 23, 2009

L408342

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
1,1,1,2-Tetrachloroethane	< .001	mg/l			WG427675	06/21/09 17:50
1,1,1-Trichloroethane	< .001	mg/l			WG427675	06/21/09 17:50
1,1,2,2-Tetrachloroethane	< .001	mg/l			WG427675	06/21/09 17:50
1,1,2-Trichloroethane	< .001	mg/l			WG427675	06/21/09 17:50
1,1,2-Trichloro-1,2,2-trifluoroethane	< .001	mg/l			WG427675	06/21/09 17:50
1,1-Dichloroethane	< .001	mg/l			WG427675	06/21/09 17:50
1,1-Dichloroethene	< .001	mg/l			WG427675	06/21/09 17:50
1,1-Dichloropropene	< .001	mg/l			WG427675	06/21/09 17:50
1,2,3-Trichlorobenzene	< .001	mg/l			WG427675	06/21/09 17:50
1,2,3-Trichloropropane	< .001	mg/l			WG427675	06/21/09 17:50
1,2,3-Trimethylbenzene	< .001	mg/l			WG427675	06/21/09 17:50
1,2,4-Trichlorobenzene	< .001	mg/l			WG427675	06/21/09 17:50
1,2,4-Trimethylbenzene	< .001	mg/l			WG427675	06/21/09 17:50
1,2-Dibromo-3-Chloropropane	< .005	mg/l			WG427675	06/21/09 17:50
1,2-Dibromoethane	< .001	mg/l			WG427675	06/21/09 17:50
1,2-Dichlorobenzene	< .001	mg/l			WG427675	06/21/09 17:50
1,2-Dichloroethane	< .001	mg/l			WG427675	06/21/09 17:50
1,2-Dichloropropane	< .001	mg/l			WG427675	06/21/09 17:50
1,3,5-Trimethylbenzene	< .001	mg/l			WG427675	06/21/09 17:50
1,3-Dichlorobenzene	< .001	mg/l			WG427675	06/21/09 17:50
1,3-Dichloropropane	< .001	mg/l			WG427675	06/21/09 17:50
1,4-Dichlorobenzene	< .001	mg/l			WG427675	06/21/09 17:50
2,2-Dichloropropane	< .001	mg/l			WG427675	06/21/09 17:50
2-Butanone (MEK)	< .01	mg/l			WG427675	06/21/09 17:50
2-Chloroethyl vinyl ether	< .001	mg/l			WG427675	06/21/09 17:50
2-Chlorotoluene	< .001	mg/l			WG427675	06/21/09 17:50
4-Chlorotoluene	< .001	mg/l			WG427675	06/21/09 17:50
4-Methyl-2-pentanone (MIBK)	< .01	mg/l			WG427675	06/21/09 17:50
Acetone	< .05	mg/l			WG427675	06/21/09 17:50
Acrolein	< .05	mg/l			WG427675	06/21/09 17:50
Acrylonitrile	< .01	mg/l			WG427675	06/21/09 17:50
Benzene	< .001	mg/l			WG427675	06/21/09 17:50
Bromobenzene	< .001	mg/l			WG427675	06/21/09 17:50
Bromodichloromethane	< .001	mg/l			WG427675	06/21/09 17:50
Bromoform	< .001	mg/l			WG427675	06/21/09 17:50
Bromomethane	< .005	mg/l			WG427675	06/21/09 17:50
Carbon tetrachloride	< .001	mg/l			WG427675	06/21/09 17:50
Chlorobenzene	< .001	mg/l			WG427675	06/21/09 17:50
Chlorodibromomethane	< .001	mg/l			WG427675	06/21/09 17:50
Chloroethane	< .001	mg/l			WG427675	06/21/09 17:50
Chloroform	< .005	mg/l			WG427675	06/21/09 17:50
Chloromethane	< .001	mg/l			WG427675	06/21/09 17:50
cis-1,2-Dichloroethene	< .001	mg/l			WG427675	06/21/09 17:50
cis-1,3-Dichloropropene	< .001	mg/l			WG427675	06/21/09 17:50
Di-isopropyl ether	< .001	mg/l			WG427675	06/21/09 17:50
Dibromomethane	< .001	mg/l			WG427675	06/21/09 17:50
Dichlorodifluoromethane	< .005	mg/l			WG427675	06/21/09 17:50
Ethylbenzene	< .001	mg/l			WG427675	06/21/09 17:50
Hexachloro-1,3-butadiene	< .001	mg/l			WG427675	06/21/09 17:50
Isopropylbenzene	< .001	mg/l			WG427675	06/21/09 17:50
Methyl tert-butyl ether	< .001	mg/l			WG427675	06/21/09 17:50
Methylene Chloride	< .005	mg/l			WG427675	06/21/09 17:50
n-Butylbenzene	< .001	mg/l			WG427675	06/21/09 17:50
n-Propylbenzene	< .001	mg/l			WG427675	06/21/09 17:50
Naphthalene	< .005	mg/l			WG427675	06/21/09 17:50
p-Isopropyltoluene	< .001	mg/l			WG427675	06/21/09 17:50
sec-Butylbenzene	< .001	mg/l			WG427675	06/21/09 17:50
Styrene	< .001	mg/l			WG427675	06/21/09 17:50
tert-Butylbenzene	< .001	mg/l			WG427675	06/21/09 17:50

* Performance of this Analyte is outside of established criteria.

For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'



ENVIRONMENTAL SCIENCE CORP.

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

Terracon- Lynnwood, WA
Mr. Jon Einarsen
21905 64th Ave W Ste 100

Quality Assurance Report Level II

Mountlake Terrace, WA 98043

June 23, 2009

L408342

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
Tetrachloroethene	< .001	mg/l			WG427675	06/21/09 17:50
Toluene	< .005	mg/l			WG427675	06/21/09 17:50
trans-1,2-Dichloroethene	< .001	mg/l			WG427675	06/21/09 17:50
trans-1,3-Dichloropropene	< .001	mg/l			WG427675	06/21/09 17:50
Trichloroethene	< .001	mg/l			WG427675	06/21/09 17:50
Trichlorofluoromethane	< .005	mg/l			WG427675	06/21/09 17:50
Vinyl chloride	< .001	mg/l			WG427675	06/21/09 17:50
Xylenes, Total	< .003	mg/l			WG427675	06/21/09 17:50
4-Bromofluorobenzene		% Rec.	97.87	75-128	WG427675	06/21/09 17:50
Dibromofluoromethane		% Rec.	98.08	79-125	WG427675	06/21/09 17:50
Toluene-d8		% Rec.	96.87	87-114	WG427675	06/21/09 17:50
1,1,1,2-Tetrachloroethane	< .001	mg/l			WG427726	06/22/09 18:37
1,1,1-Trichloroethane	< .001	mg/l			WG427726	06/22/09 18:37
1,1,2,2-Tetrachloroethane	< .001	mg/l			WG427726	06/22/09 18:37
1,1,2-Trichloroethane	< .001	mg/l			WG427726	06/22/09 18:37
1,1,2-Trichloro-1,2,2-trifluoroethane	< .001	mg/l			WG427726	06/22/09 18:37
1,1-Dichloroethane	< .001	mg/l			WG427726	06/22/09 18:37
1,1-Dichloropropene	< .001	mg/l			WG427726	06/22/09 18:37
1,2,3-Trichlorobenzene	< .001	mg/l			WG427726	06/22/09 18:37
1,2,3-Trichloropropane	< .001	mg/l			WG427726	06/22/09 18:37
1,2,3-Trimethylbenzene	< .001	mg/l			WG427726	06/22/09 18:37
1,2,4-Trichlorobenzene	< .001	mg/l			WG427726	06/22/09 18:37
1,2,4-Trimethylbenzene	< .001	mg/l			WG427726	06/22/09 18:37
1,2-Dibromo-3-Chloropropane	< .005	mg/l			WG427726	06/22/09 18:37
1,2-Dibromoethane	< .001	mg/l			WG427726	06/22/09 18:37
1,2-Dichlorobenzene	< .001	mg/l			WG427726	06/22/09 18:37
1,2-Dichloroethane	< .001	mg/l			WG427726	06/22/09 18:37
1,2-Dichloropropane	< .001	mg/l			WG427726	06/22/09 18:37
1,3,5-Trimethylbenzene	< .001	mg/l			WG427726	06/22/09 18:37
1,3-Dichlorobenzene	< .001	mg/l			WG427726	06/22/09 18:37
1,3-Dichloropropane	< .001	mg/l			WG427726	06/22/09 18:37
1,4-Dichlorobenzene	< .001	mg/l			WG427726	06/22/09 18:37
2,2-Dichloropropane	< .001	mg/l			WG427726	06/22/09 18:37
2-Butanone (MEK)	< .01	mg/l			WG427726	06/22/09 18:37
2-Chloroethyl vinyl ether	< .001	mg/l			WG427726	06/22/09 18:37
2-Chlorotoluene	< .001	mg/l			WG427726	06/22/09 18:37
4-Chlorotoluene	< .001	mg/l			WG427726	06/22/09 18:37
4-Methyl-2-pentanone (MIBK)	< .01	mg/l			WG427726	06/22/09 18:37
Acetone	< .05	mg/l			WG427726	06/22/09 18:37
Acrolein	< .05	mg/l			WG427726	06/22/09 18:37
Acrylonitrile	< .01	mg/l			WG427726	06/22/09 18:37
Benzene	< .001	mg/l			WG427726	06/22/09 18:37
Bromobenzene	< .001	mg/l			WG427726	06/22/09 18:37
Bromodichloromethane	< .001	mg/l			WG427726	06/22/09 18:37
Bromoform	< .001	mg/l			WG427726	06/22/09 18:37
Bromomethane	< .005	mg/l			WG427726	06/22/09 18:37
Carbon tetrachloride	< .001	mg/l			WG427726	06/22/09 18:37
Chlorobenzene	< .001	mg/l			WG427726	06/22/09 18:37
Chlorodibromomethane	< .001	mg/l			WG427726	06/22/09 18:37
Chloroethane	< .001	mg/l			WG427726	06/22/09 18:37
Chloroform	< .005	mg/l			WG427726	06/22/09 18:37
Chloromethane	< .001	mg/l			WG427726	06/22/09 18:37
cis-1,2-Dichloroethene	< .001	mg/l			WG427726	06/22/09 18:37
cis-1,3-Dichloropropene	< .001	mg/l			WG427726	06/22/09 18:37
Di-isopropyl ether	< .001	mg/l			WG427726	06/22/09 18:37
Dibromomethane	< .001	mg/l			WG427726	06/22/09 18:37

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Mountlake Terrace, WA 98043

L408342

June 23, 2009

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
Dichlorodifluoromethane	< .005	mg/l			WG427726	06/22/09 18:37
Ethylbenzene	< .001	mg/l			WG427726	06/22/09 18:37
Hexachloro-1,3-butadiene	< .001	mg/l			WG427726	06/22/09 18:37
Isopropylbenzene	< .001	mg/l			WG427726	06/22/09 18:37
Methyl tert-butyl ether	< .001	mg/l			WG427726	06/22/09 18:37
Methylene Chloride	< .005	mg/l			WG427726	06/22/09 18:37
n-Butylbenzene	< .001	mg/l			WG427726	06/22/09 18:37
n-Propylbenzene	< .001	mg/l			WG427726	06/22/09 18:37
Naphthalene	< .005	mg/l			WG427726	06/22/09 18:37
p-Isopropyltoluene	< .001	mg/l			WG427726	06/22/09 18:37
sec-Butylbenzene	< .001	mg/l			WG427726	06/22/09 18:37
Styrene	< .001	mg/l			WG427726	06/22/09 18:37
tert-Butylbenzene	< .001	mg/l			WG427726	06/22/09 18:37
Tetrachloroethene	< .001	mg/l			WG427726	06/22/09 18:37
Toluene	< .005	mg/l			WG427726	06/22/09 18:37
trans-1,2-Dichloroethene	< .001	mg/l			WG427726	06/22/09 18:37
trans-1,3-Dichloropropene	< .001	mg/l			WG427726	06/22/09 18:37
Trichloroethene	< .001	mg/l			WG427726	06/22/09 18:37
Trichlorofluoromethane	< .005	mg/l			WG427726	06/22/09 18:37
Vinyl chloride	< .001	mg/l			WG427726	06/22/09 18:37
Xylenes, Total	< .003	mg/l			WG427726	06/22/09 18:37
4-Bromofluorobenzene		% Rec.	99.34	75-128	WG427726	06/22/09 18:37
Dibromofluoromethane		% Rec.	104.0	79-125	WG427726	06/22/09 18:37
Toluene-d8		% Rec.	102.4	87-114	WG427726	06/22/09 18:37

Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
1,1,1,2-Tetrachloroethane	mg/l	.05	0.0448	89.5	75-134	WG427675
1,1,1-Trichloroethane	mg/l	.05	0.0440	88.0	67-137	WG427675
1,1,2,2-Tetrachloroethane	mg/l	.05	0.0496	99.2	72-128	WG427675
1,1,2-Trichloroethane	mg/l	.05	0.0477	95.4	79-123	WG427675
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/l	.05	0.0466	93.3	51-149	WG427675
1,1-Dichloroethane	mg/l	.05	0.0513	103.	67-133	WG427675
1,1-Dichloroethene	mg/l	.05	0.0470	93.9	60-130	WG427675
1,1-Dichloropropene	mg/l	.05	0.0443	88.6	68-132	WG427675
1,2,3-Trichlorobenzene	mg/l	.05	0.0484	96.7	63-138	WG427675
1,2,3-Trichloropropane	mg/l	.05	0.0446	89.2	68-130	WG427675
1,2,3-Trimethylbenzene	mg/l	.05	0.0460	92.0	70-127	WG427675
1,2,4-Trichlorobenzene	mg/l	.05	0.0488	97.6	65-137	WG427675
1,2,4-Trimethylbenzene	mg/l	.05	0.0464	92.8	72-135	WG427675
1,2-Dibromo-3-Chloropropane	mg/l	.05	0.0477	95.5	55-134	WG427675
1,2-Dibromoethane	mg/l	.05	0.0458	91.7	75-126	WG427675
1,2-Dichlorobenzene	mg/l	.05	0.0445	89.1	75-122	WG427675
1,2-Dichloroethane	mg/l	.05	0.0445	89.0	63-137	WG427675
1,2-Dichloropropane	mg/l	.05	0.0459	91.9	74-122	WG427675
1,3,5-Trimethylbenzene	mg/l	.05	0.0469	93.7	73-134	WG427675
1,3-Dichlorobenzene	mg/l	.05	0.0456	91.1	73-131	WG427675
1,3-Dichloropropane	mg/l	.05	0.0443	88.5	77-119	WG427675
1,4-Dichlorobenzene	mg/l	.05	0.0456	91.2	70-121	WG427675
2,2-Dichloropropane	mg/l	.05	0.0441	88.2	46-151	WG427675
2-Butanone (MEK)	mg/l	.25	0.243	97.1	53-132	WG427675
2-Chloroethyl vinyl ether	mg/l	.25	0.0803	32.1	0-171	WG427675
2-Chlorotoluene	mg/l	.05	0.0453	90.5	74-128	WG427675
4-Chlorotoluene	mg/l	.05	0.0455	90.9	74-130	WG427675
4-Methyl-2-pentanone (MIBK)	mg/l	.25	0.319	128.	60-142	WG427675
Acetone	mg/l	.25	0.290	116.	48-134	WG427675
Acrolein	mg/l	.25	0.342	137.	6-182	WG427675
Acrylonitrile	mg/l	.25	0.423	169.*	60-140	WG427675

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Mountlake Terrace, WA 98043

L408342

June 23, 2009

Analyte	Units	Laboratory Control Known Val	Sample Result	% Rec	Limit	Batch
Benzene	mg/l	.05	0.0482	96.4	67-126	WG427675
Bromobenzene	mg/l	.05	0.0440	87.9	76-123	WG427675
Bromodichloromethane	mg/l	.05	0.0436	87.2	68-133	WG427675
Bromoform	mg/l	.05	0.0497	99.4	60-139	WG427675
Bromomethane	mg/l	.05	0.0477	95.4	45-175	WG427675
Carbon tetrachloride	mg/l	.05	0.0428	85.6	64-141	WG427675
Chlorobenzene	mg/l	.05	0.0473	94.7	77-125	WG427675
Chlorodibromomethane	mg/l	.05	0.0477	95.4	73-138	WG427675
Chloroethane	mg/l	.05	0.0504	101.	49-155	WG427675
Chloroform	mg/l	.05	0.0447	89.5	66-126	WG427675
Chloromethane	mg/l	.05	0.0736	147.	45-152	WG427675
cis-1,2-Dichloroethene	mg/l	.05	0.0478	95.5	72-128	WG427675
cis-1,3-Dichloropropene	mg/l	.05	0.0461	92.2	73-131	WG427675
Di-isopropyl ether	mg/l	.05	0.0784	157.*	63-139	WG427675
Dibromomethane	mg/l	.05	0.0418	83.7	73-125	WG427675
Dichlorodifluoromethane	mg/l	.05	0.0383	76.6	39-189	WG427675
Ethylbenzene	mg/l	.05	0.0468	93.6	76-129	WG427675
Hexachloro-1,3-butadiene	mg/l	.05	0.0477	95.4	67-135	WG427675
Isopropylbenzene	mg/l	.05	0.0464	92.7	73-132	WG427675
Methyl tert-butyl ether	mg/l	.05	0.0462	92.4	51-142	WG427675
Methylene Chloride	mg/l	.05	0.0473	94.6	64-125	WG427675
n-Butylbenzene	mg/l	.05	0.0478	95.5	63-142	WG427675
n-Propylbenzene	mg/l	.05	0.0461	92.1	71-132	WG427675
Naphthalene	mg/l	.05	0.0525	105.	56-145	WG427675
p-Isopropyltoluene	mg/l	.05	0.0486	97.2	68-138	WG427675
sec-Butylbenzene	mg/l	.05	0.0471	94.1	70-135	WG427675
Styrene	mg/l	.05	0.0488	97.6	78-130	WG427675
tert-Butylbenzene	mg/l	.05	0.0475	94.9	72-134	WG427675
Tetrachloroethene	mg/l	.05	0.0435	87.1	67-135	WG427675
Toluene	mg/l	.05	0.0453	90.5	72-122	WG427675
trans-1,2-Dichloroethene	mg/l	.05	0.0451	90.2	67-129	WG427675
trans-1,3-Dichloropropene	mg/l	.05	0.0459	91.8	66-137	WG427675
Trichloroethene	mg/l	.05	0.0460	91.9	74-126	WG427675
Trichlorofluoromethane	mg/l	.05	0.0427	85.5	54-156	WG427675
Vinyl chloride	mg/l	.05	0.0533	107.	55-153	WG427675
Xylenes, Total	mg/l	.15	0.141	94.1	75-128	WG427675
4-Bromofluorobenzene				97.79	75-128	WG427675
Dibromofluoromethane				99.63	79-125	WG427675
Toluene-d8				96.75	87-114	WG427675
1,1,1,2-Tetrachloroethane	mg/l	.05	0.0508	102.	75-134	WG427726
1,1,1-Trichloroethane	mg/l	.05	0.0541	108.	67-137	WG427726
1,1,2,2-Tetrachloroethane	mg/l	.05	0.0559	112.	72-128	WG427726
1,1,2-Trichloroethane	mg/l	.05	0.0547	109.	79-123	WG427726
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/l	.05	0.0559	112.	51-149	WG427726
1,1-Dichloroethane	mg/l	.05	0.0502	100.	67-133	WG427726
1,1-Dichloroethene	mg/l	.05	0.0558	112.	60-130	WG427726
1,1-Dichloropropene	mg/l	.05	0.0527	105.	68-132	WG427726
1,2,3-Trichlorobenzene	mg/l	.05	0.0486	97.3	63-138	WG427726
1,2,3-Trichloropropane	mg/l	.05	0.0592	118.	68-130	WG427726
1,2,3-Trimethylbenzene	mg/l	.05	0.0509	102.	70-127	WG427726
1,2,4-Trichlorobenzene	mg/l	.05	0.0470	94.0	65-137	WG427726
1,2,4-Trimethylbenzene	mg/l	.05	0.0535	107.	72-135	WG427726
1,2-Dibromo-3-Chloropropane	mg/l	.05	0.0502	100.	55-134	WG427726
1,2-Dibromoethane	mg/l	.05	0.0554	111.	75-126	WG427726
1,2-Dichlorobenzene	mg/l	.05	0.0512	102.	75-122	WG427726
1,2-Dichloroethane	mg/l	.05	0.0531	106.	63-137	WG427726
1,2-Dichloropropane	mg/l	.05	0.0497	99.4	74-122	WG427726

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Analyte	Units	Laboratory Control		Sample	% Rec	Limit	Batch
		Known	Val	Result			
1,3,5-Trimethylbenzene	mg/l	.05		0.0536	107.	73-134	WG427726
1,3-Dichlorobenzene	mg/l	.05		0.0524	105.	73-131	WG427726
1,3-Dichloropropane	mg/l	.05		0.0513	103.	77-119	WG427726
1,4-Dichlorobenzene	mg/l	.05		0.0494	98.9	70-121	WG427726
2,2-Dichloropropane	mg/l	.05		0.0451	90.1	46-151	WG427726
2-Butanone (MEK)	mg/l	.25		0.301	120.	53-132	WG427726
2-Chloroethyl vinyl ether	mg/l	.25		0.221	88.4	0-171	WG427726
2-Chlorotoluene	mg/l	.05		0.0530	106.	74-128	WG427726
4-Chlorotoluene	mg/l	.05		0.0517	103.	74-130	WG427726
4-Methyl-2-pentanone (MIBK)	mg/l	.25		0.296	118.	60-142	WG427726
Acetone	mg/l	.25		0.282	113.	48-134	WG427726
Acrolein	mg/l	.25		0.276	111.	6-182	WG427726
Acrylonitrile	mg/l	.25		0.274	109.	60-140	WG427726
Benzene	mg/l	.05		0.0479	95.7	67-126	WG427726
Bromobenzene	mg/l	.05		0.0506	101.	76-123	WG427726
Bromodichloromethane	mg/l	.05		0.0510	102.	68-133	WG427726
Bromoform	mg/l	.05		0.0568	114.	60-139	WG427726
Bromomethane	mg/l	.05		0.0418	83.7	45-175	WG427726
Carbon tetrachloride	mg/l	.05		0.0566	113.	64-141	WG427726
Chlorobenzene	mg/l	.05		0.0519	104.	77-125	WG427726
Chlorodibromomethane	mg/l	.05		0.0540	108.	73-138	WG427726
Chloroethane	mg/l	.05		0.0567	113.	49-155	WG427726
Chloroform	mg/l	.05		0.0490	98.0	66-126	WG427726
Chloromethane	mg/l	.05		0.0394	78.8	45-152	WG427726
cis-1,2-Dichloroethene	mg/l	.05		0.0487	97.4	72-128	WG427726
cis-1,3-Dichloropropene	mg/l	.05		0.0487	97.4	73-131	WG427726
Di-isopropyl ether	mg/l	.05		0.0483	96.6	63-139	WG427726
Dibromomethane	mg/l	.05		0.0536	107.	73-125	WG427726
Dichlorodifluoromethane	mg/l	.05		0.0572	114.	39-189	WG427726
Ethylbenzene	mg/l	.05		0.0533	107.	76-129	WG427726
Hexachloro-1,3-butadiene	mg/l	.05		0.0507	101.	67-135	WG427726
Isopropylbenzene	mg/l	.05		0.0534	107.	73-132	WG427726
Methyl tert-butyl ether	mg/l	.05		0.0511	102.	51-142	WG427726
Methylene Chloride	mg/l	.05		0.0502	100.	64-125	WG427726
n-Butylbenzene	mg/l	.05		0.0521	104.	63-142	WG427726
n-Propylbenzene	mg/l	.05		0.0526	105.	71-132	WG427726
Naphthalene	mg/l	.05		0.0451	90.2	56-145	WG427726
p-Isopropyltoluene	mg/l	.05		0.0546	109.	68-138	WG427726
sec-Butylbenzene	mg/l	.05		0.0540	108.	70-135	WG427726
Styrene	mg/l	.05		0.0537	107.	78-130	WG427726
tert-Butylbenzene	mg/l	.05		0.0553	111.	72-134	WG427726
Tetrachloroethene	mg/l	.05		0.0561	112.	67-135	WG427726
Toluene	mg/l	.05		0.0497	99.4	72-122	WG427726
trans-1,2-Dichloroethene	mg/l	.05		0.0525	105.	67-129	WG427726
trans-1,3-Dichloropropene	mg/l	.05		0.0486	97.2	66-137	WG427726
Trichloroethene	mg/l	.05		0.0523	105.	74-126	WG427726
Trichlorofluoromethane	mg/l	.05		0.0568	114.	54-156	WG427726
Vinyl chloride	mg/l	.05		0.0552	110.	55-153	WG427726
Xylenes, Total	mg/l	.15		0.158	105.	75-128	WG427726
4-Bromofluorobenzene					103.9	75-128	WG427726
Dibromofluoromethane					103.2	79-125	WG427726
Toluene-d8					102.8	87-114	WG427726

Analyte	Units	Laboratory Control		Sample Duplicate	Limit	RPD	Limit	Batch
		Result	Ref	%Rec				
1,1,1,2-Tetrachloroethane	mg/l	0.0423	0.0448	85.0	75-134	5.76	20	WG427675
1,1,1-Trichloroethane	mg/l	0.0413	0.0440	83.0	67-137	6.48	20	WG427675
1,1,2,2-Tetrachloroethane	mg/l	0.0468	0.0496	94.0	72-128	5.83	20	WG427675

* Performance of this Analyte is outside of established criteria.

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ENVIRONMENTAL SCIENCE CORP.

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Est. 1970

Terracon- Lynnwood, WA
Mr. Jon Einarsen
21905 64th Ave W Ste 100

Quality Assurance Report Level II

Mountlake Terrace, WA 98043

L408342

June 23, 2009

Analyte	Laboratory Control Sample Duplicate				Limit	RPD	Limit	Batch
	Units	Result	Ref	%Rec				
1,1,2-Trichloroethane	mg/l	0.0448	0.0477	90.0	79-123	6.29	20	WG427675
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/l	0.0439	0.0466	88.0	51-149	6.00	20	WG427675
1,1-Dichloroethane	mg/l	0.0473	0.0513	95.0	67-133	7.96	20	WG427675
1,1-Dichloroethene	mg/l	0.0433	0.0470	87.0	60-130	8.00	20	WG427675
1,1-Dichloropropene	mg/l	0.0412	0.0443	82.0	68-132	7.37	20	WG427675
1,2,3-Trichlorobenzene	mg/l	0.0454	0.0484	91.0	63-138	6.39	20	WG427675
1,2,3-Trichloropropane	mg/l	0.0430	0.0446	86.0	68-130	3.60	20	WG427675
1,2,3-Trimethylbenzene	mg/l	0.0444	0.0460	89.0	70-127	3.56	20	WG427675
1,2,4-Trichlorobenzene	mg/l	0.0455	0.0488	91.0	65-137	6.95	20	WG427675
1,2,4-Trimethylbenzene	mg/l	0.0433	0.0464	87.0	72-135	6.95	20	WG427675
1,2-Dibromo-3-Chloropropane	mg/l	0.0479	0.0477	96.0	55-134	0.264	20	WG427675
1,2-Dibromoethane	mg/l	0.0434	0.0458	87.0	75-126	5.45	20	WG427675
1,2-Dichlorobenzene	mg/l	0.0432	0.0445	86.0	75-122	2.96	20	WG427675
1,2-Dichloroethane	mg/l	0.0412	0.0445	82.0	63-137	7.70	20	WG427675
1,2-Dichloropropane	mg/l	0.0441	0.0459	88.0	74-122	4.04	20	WG427675
1,3,5-Trimethylbenzene	mg/l	0.0441	0.0469	88.0	73-134	6.13	20	WG427675
1,3-Dichlorobenzene	mg/l	0.0420	0.0456	84.0	73-131	8.20	20	WG427675
1,3-Dichloropropane	mg/l	0.0418	0.0443	84.0	77-119	5.72	20	WG427675
1,4-Dichlorobenzene	mg/l	0.0436	0.0456	87.0	70-121	4.62	20	WG427675
2,2-Dichloropropane	mg/l	0.0403	0.0441	81.0	46-151	9.12	20	WG427675
2-Butanone (MEK)	mg/l	0.231	0.243	92.0	53-132	5.03	20	WG427675
2-Chloroethyl vinyl ether	mg/l	0.0759	0.0803	30.0	0-171	5.61	27	WG427675
2-Chlorotoluene	mg/l	0.0426	0.0453	85.0	74-128	6.07	20	WG427675
4-Chlorotoluene	mg/l	0.0427	0.0455	85.0	74-130	6.25	20	WG427675
4-Methyl-2-pentanone (MIBK)	mg/l	0.310	0.319	124.	60-142	2.74	20	WG427675
Acetone	mg/l	0.273	0.290	109.	48-134	6.02	20	WG427675
Acrolein	mg/l	0.313	0.342	125.	6-182	8.91	39	WG427675
Acrylonitrile	mg/l	0.402	0.423	161*	60-140	4.90	20	WG427675
Benzene	mg/l	0.0450	0.0482	90.0	67-126	6.85	20	WG427675
Bromobenzene	mg/l	0.0411	0.0440	82.0	76-123	6.67	20	WG427675
Bromodichloromethane	mg/l	0.0412	0.0436	82.0	68-133	5.60	20	WG427675
Bromoform	mg/l	0.0475	0.0497	95.0	60-139	4.66	20	WG427675
Bromomethane	mg/l	0.0444	0.0477	89.0	45-175	7.16	20	WG427675
Carbon tetrachloride	mg/l	0.0401	0.0428	80.0	64-141	6.62	20	WG427675
Chlorobenzene	mg/l	0.0437	0.0473	87.0	77-125	8.09	20	WG427675
Chlorodibromomethane	mg/l	0.0453	0.0477	91.0	73-138	5.23	20	WG427675
Chloroethane	mg/l	0.0467	0.0504	93.0	49-155	7.75	20	WG427675
Chloroform	mg/l	0.0413	0.0447	83.0	66-126	8.08	20	WG427675
Chloromethane	mg/l	0.0681	0.0736	136.	45-152	7.76	20	WG427675
cis-1,2-Dichloroethene	mg/l	0.0445	0.0478	89.0	72-128	7.10	20	WG427675
cis-1,3-Dichloropropene	mg/l	0.0446	0.0461	89.0	73-131	3.29	20	WG427675
Di-isopropyl ether	mg/l	0.0722	0.0784	144*	63-139	8.28	20	WG427675
Dibromomethane	mg/l	0.0415	0.0418	83.0	73-125	0.908	20	WG427675
Dichlorodifluoromethane	mg/l	0.0350	0.0383	70.0	39-189	9.08	24	WG427675
Ethylbenzene	mg/l	0.0434	0.0468	87.0	76-129	7.65	20	WG427675
Hexachloro-1,3-butadiene	mg/l	0.0449	0.0477	90.0	67-135	6.07	20	WG427675
Isopropylbenzene	mg/l	0.0439	0.0464	88.0	73-132	5.47	20	WG427675
Methyl tert-butyl ether	mg/l	0.0437	0.0462	87.0	51-142	5.49	20	WG427675
Methylene Chloride	mg/l	0.0447	0.0473	89.0	64-125	5.58	20	WG427675
n-Butylbenzene	mg/l	0.0449	0.0478	90.0	63-142	6.09	20	WG427675
n-Propylbenzene	mg/l	0.0429	0.0461	86.0	71-132	7.19	20	WG427675
Naphthalene	mg/l	0.0498	0.0525	100.	56-145	5.26	20	WG427675
p-Isopropyltoluene	mg/l	0.0455	0.0486	91.0	68-138	6.63	20	WG427675
sec-Butylbenzene	mg/l	0.0447	0.0471	89.0	70-135	5.26	20	WG427675
Styrene	mg/l	0.0449	0.0488	90.0	78-130	8.35	20	WG427675
tert-Butylbenzene	mg/l	0.0444	0.0475	89.0	72-134	6.57	20	WG427675
Tetrachloroethene	mg/l	0.0421	0.0435	84.0	67-135	3.39	20	WG427675
Toluene	mg/l	0.0437	0.0453	87.0	72-122	3.47	20	WG427675
trans-1,2-Dichloroethene	mg/l	0.0425	0.0451	85.0	67-129	5.91	20	WG427675

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Quality Assurance Report Level II

Mountlake Terrace, WA 98043

June 23, 2009

L408342

Analyte	Units	Laboratory Control Sample Duplicate			Limit	RPD	Limit	Batch
		Result	Ref	%Rec				
trans-1,3-Dichloropropene	mg/l	0.0445	0.0459	89.0	66-137	3.08	20	WG427675
Trichloroethene	mg/l	0.0434	0.0460	87.0	74-126	5.74	20	WG427675
Trichlorofluoromethane	mg/l	0.0397	0.0427	79.0	54-156	7.26	20	WG427675
Vinyl chloride	mg/l	0.0501	0.0533	100.	55-153	6.31	20	WG427675
Xylenes, Total	mg/l	0.133	0.141	88.0	75-128	6.16	20	WG427675
4-Bromofluorobenzene				93.95	75-128			WG427675
Dibromofluoromethane				97.53	79-125			WG427675
Toluene-d8				96.72	87-114			WG427675
1,1,1,2-Tetrachloroethane	mg/l	0.0462	0.0508	92.0	75-134	9.34	20	WG427726
1,1,1-Trichloroethane	mg/l	0.0504	0.0541	101.	67-137	7.13	20	WG427726
1,1,2,2-Tetrachloroethane	mg/l	0.0531	0.0559	106.	72-128	5.23	20	WG427726
1,1,2-Trichloroethane	mg/l	0.0505	0.0547	101.	79-123	8.06	20	WG427726
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/l	0.0515	0.0559	103.	51-149	8.21	20	WG427726
1,1-Dichloroethane	mg/l	0.0464	0.0502	93.0	67-133	7.82	20	WG427726
1,1-Dichloroethene	mg/l	0.0505	0.0558	101.	60-130	9.99	20	WG427726
1,1-Dichloropropene	mg/l	0.0484	0.0527	97.0	68-132	8.47	20	WG427726
1,2,3-Trichlorobenzene	mg/l	0.0472	0.0486	94.0	63-138	3.03	20	WG427726
1,2,3-Trichloropropane	mg/l	0.0562	0.0592	112.	68-130	5.16	20	WG427726
1,2,3-Trimethylbenzene	mg/l	0.0475	0.0509	95.0	70-127	7.00	20	WG427726
1,2,4-Trichlorobenzene	mg/l	0.0459	0.0470	92.0	65-137	2.35	20	WG427726
1,2,4-Trimethylbenzene	mg/l	0.0494	0.0535	99.0	72-135	7.91	20	WG427726
1,2-Dibromo-3-Chloropropane	mg/l	0.0483	0.0502	97.0	55-134	3.75	20	WG427726
1,2-Dibromoethane	mg/l	0.0511	0.0554	102.	75-126	8.13	20	WG427726
1,2-Dichlorobenzene	mg/l	0.0478	0.0512	96.0	75-122	6.74	20	WG427726
1,2-Dichloroethane	mg/l	0.0498	0.0531	100.	63-137	6.51	20	WG427726
1,2-Dichloropropane	mg/l	0.0474	0.0497	95.0	74-122	4.64	20	WG427726
1,3,5-Trimethylbenzene	mg/l	0.0500	0.0536	100.	73-134	6.96	20	WG427726
1,3-Dichlorobenzene	mg/l	0.0496	0.0524	99.0	73-131	5.52	20	WG427726
1,3-Dichloropropane	mg/l	0.0477	0.0513	95.0	77-119	7.32	20	WG427726
1,4-Dichlorobenzene	mg/l	0.0460	0.0494	92.0	70-121	7.26	20	WG427726
2,2-Dichloropropane	mg/l	0.0416	0.0451	83.0	46-151	7.93	20	WG427726
2-Butanone (MEK)	mg/l	0.285	0.301	114.	53-132	5.34	20	WG427726
2-Chloroethyl vinyl ether	mg/l	0.212	0.221	85.0	0-171	4.29	27	WG427726
2-Chlorotoluene	mg/l	0.0491	0.0530	98.0	74-128	7.59	20	WG427726
4-Chlorotoluene	mg/l	0.0474	0.0517	95.0	74-130	8.71	20	WG427726
4-Methyl-2-pentanone (MIBK)	mg/l	0.288	0.296	115.	60-142	2.87	20	WG427726
Acetone	mg/l	0.268	0.282	107.	48-134	4.90	20	WG427726
Acrolein	mg/l	0.249	0.276	100.	6-182	10.3	39	WG427726
Acrylonitrile	mg/l	0.266	0.274	106.	60-140	2.98	20	WG427726
Benzene	mg/l	0.0447	0.0479	89.0	67-126	6.73	20	WG427726
Bromobenzene	mg/l	0.0466	0.0506	93.0	76-123	8.31	20	WG427726
Bromodichloromethane	mg/l	0.0477	0.0510	95.0	68-133	6.63	20	WG427726
Bromoform	mg/l	0.0552	0.0568	110.	60-139	2.90	20	WG427726
Bromomethane	mg/l	0.0465	0.0418	93.0	45-175	10.6	20	WG427726
Carbon tetrachloride	mg/l	0.0505	0.0566	101.	64-141	11.4	20	WG427726
Chlorobenzene	mg/l	0.0477	0.0519	95.0	77-125	8.47	20	WG427726
Chlorodibromomethane	mg/l	0.0510	0.0540	102.	73-138	5.81	20	WG427726
Chloroethane	mg/l	0.0485	0.0567	97.0	49-155	15.6	20	WG427726
Chloroform	mg/l	0.0457	0.0490	91.0	66-126	6.93	20	WG427726
Chloromethane	mg/l	0.0333	0.0394	67.0	45-152	16.9	20	WG427726
cis-1,2-Dichloroethene	mg/l	0.0451	0.0487	90.0	72-128	7.71	20	WG427726
cis-1,3-Dichloropropene	mg/l	0.0461	0.0487	92.0	73-131	5.49	20	WG427726
Di-isopropyl ether	mg/l	0.0456	0.0483	91.0	63-139	5.71	20	WG427726
Dibromomethane	mg/l	0.0512	0.0536	102.	73-125	4.55	20	WG427726
Dichlorodifluoromethane	mg/l	0.0498	0.0572	100.	39-189	13.8	24	WG427726
Ethylbenzene	mg/l	0.0488	0.0533	98.0	76-129	8.96	20	WG427726
Hexachloro-1,3-butadiene	mg/l	0.0486	0.0507	97.0	67-135	4.39	20	WG427726

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L408342

June 23, 2009

Analyte	Laboratory Control Sample Duplicate				Limit	RPD	Limit	Batch
	Units	Result	Ref	%Rec				
Isopropylbenzene	mg/l	0.0494	0.0534	99.0	73-132	7.74	20	WG427726
Methyl tert-butyl ether	mg/l	0.0481	0.0511	96.0	51-142	6.09	20	WG427726
Methylene Chloride	mg/l	0.0467	0.0502	93.0	64-125	7.24	20	WG427726
n-Butylbenzene	mg/l	0.0489	0.0521	98.0	63-142	6.40	20	WG427726
n-Propylbenzene	mg/l	0.0488	0.0526	98.0	71-132	7.60	20	WG427726
Naphthalene	mg/l	0.0449	0.0451	90.0	56-145	0.431	20	WG427726
p-Isopropyltoluene	mg/l	0.0504	0.0546	101.	68-138	8.00	20	WG427726
sec-Butylbenzene	mg/l	0.0500	0.0540	100.	70-135	7.65	20	WG427726
Styrene	mg/l	0.0491	0.0537	98.0	78-130	8.94	20	WG427726
tert-Butylbenzene	mg/l	0.0508	0.0553	102.	72-134	8.48	20	WG427726
Tetrachloroethene	mg/l	0.0505	0.0561	101.	67-135	10.4	20	WG427726
Toluene	mg/l	0.0467	0.0497	93.0	72-122	6.13	20	WG427726
trans-1,2-Dichloroethene	mg/l	0.0489	0.0525	98.0	67-129	7.08	20	WG427726
trans-1,3-Dichloropropene	mg/l	0.0454	0.0486	91.0	66-137	6.85	20	WG427726
Trichloroethene	mg/l	0.0488	0.0523	98.0	74-126	6.94	20	WG427726
Trichlorofluoromethane	mg/l	0.0495	0.0568	99.0	54-156	13.8	20	WG427726
Vinyl chloride	mg/l	0.0476	0.0552	95.0	55-153	14.7	20	WG427726
Xylenes, Total	mg/l	0.145	0.158	97.0	75-128	8.40	20	WG427726
4-Bromofluorobenzene				104.5	75-128			WG427726
Dibromofluoromethane				101.8	79-125			WG427726
Toluene-d8				103.0	87-114			WG427726

Analyte	Units	MS Res	Matrix Spike		% Rec	Limit	Ref Samp	Batch
			Ref	TV				
1,1,1,2-Tetrachloroethane	mg/l	0.0516	0.00	.05	103.	45-152	L408162-02	WG427675
1,1,1-Trichloroethane	mg/l	0.0495	0.00	.05	99.0	31-161	L408162-02	WG427675
1,1,2,2-Tetrachloroethane	mg/l	0.0610	0.00	.05	122.	49-149	L408162-02	WG427675
1,1,2-Trichloroethane	mg/l	0.0565	0.00	.05	113.	46-145	L408162-02	WG427675
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/l	0.0518	0.00	.05	104.	14-168	L408162-02	WG427675
1,1-Dichloroethane	mg/l	0.0576	0.00	.05	115.	30-159	L408162-02	WG427675
1,1-Dichloroethene	mg/l	0.0524	0.00	.05	105.	10-162	L408162-02	WG427675
1,1-Dichloropropene	mg/l	0.0494	0.00	.05	98.8	14-162	L408162-02	WG427675
1,2,3-Trichlorobenzene	mg/l	0.0549	0.00	.05	110.	32-143	L408162-02	WG427675
1,2,3-Trichloropropane	mg/l	0.0554	0.00	.05	111.	48-148	L408162-02	WG427675
1,2,3-Trimethylbenzene	mg/l	0.0516	0.00	.05	103.	36-141	L408162-02	WG427675
1,2,4-Trichlorobenzene	mg/l	0.0556	0.00	.05	111.	27-142	L408162-02	WG427675
1,2,4-Trimethylbenzene	mg/l	0.0530	0.00	.05	106.	29-153	L408162-02	WG427675
1,2-Dibromo-3-Chloropropane	mg/l	0.0608	0.00	.05	122.	37-148	L408162-02	WG427675
1,2-Dibromoethane	mg/l	0.0550	0.00	.05	110.	41-149	L408162-02	WG427675
1,2-Dichlorobenzene	mg/l	0.0506	0.00	.05	101.	40-139	L408162-02	WG427675
1,2-Dichloroethane	mg/l	0.0501	0.00	.05	100.	29-167	L408162-02	WG427675
1,2-Dichloropropane	mg/l	0.0547	0.00	.05	109.	39-148	L408162-02	WG427675
1,3,5-Trimethylbenzene	mg/l	0.0535	0.00	.05	107.	33-149	L408162-02	WG427675
1,3-Dichlorobenzene	mg/l	0.0520	0.00	.05	104.	32-148	L408162-02	WG427675
1,3-Dichloropropane	mg/l	0.0526	0.00	.05	105.	44-142	L408162-02	WG427675
1,4-Dichlorobenzene	mg/l	0.0510	0.00	.05	102.	32-136	L408162-02	WG427675
2,2-Dichloropropane	mg/l	0.0491	0.00	.05	98.2	14-158	L408162-02	WG427675
2-Butanone (MEK)	mg/l	0.299	0.00	.25	120.	32-151	L408162-02	WG427675
2-Chloroethyl vinyl ether	mg/l	0.0208	0.00	.25	8.31	0-175	L408162-02	WG427675
2-Chlorotoluene	mg/l	0.0516	0.00	.05	103.	35-147	L408162-02	WG427675
4-Chlorotoluene	mg/l	0.0524	0.00	.05	105.	33-147	L408162-02	WG427675
4-Methyl-2-pentanone (MIBK)	mg/l	0.399	0.00	.25	160.	40-160	L408162-02	WG427675
Acetone	mg/l	0.372	0.00	.25	149.	25-157	L408162-02	WG427675
Acrolein	mg/l	0.435	0.00	.25	174.	0-179	L408162-02	WG427675
Acrylonitrile	mg/l	0.539	0.00	.25	216.*	37-162	L408162-02	WG427675
Benzene	mg/l	0.0543	0.00	.05	109.	16-158	L408162-02	WG427675
Bromobenzene	mg/l	0.0498	0.00	.05	99.7	37-147	L408162-02	WG427675
Bromodichloromethane	mg/l	0.0490	0.00	.05	98.0	45-147	L408162-02	WG427675

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ENVIRONMENTAL SCIENCE CORP.

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Tax I.D. 62-0814289

Est. 1970

Terracon- Lynnwood, WA
Mr. Jon Einarsen
21905 64th Ave W Ste 100

Quality Assurance Report Level II

Mountlake Terrace, WA 98043

June 23, 2009

L408342

Analyte	Units	MS Res	Matrix Spike		TV	% Rec	Limit	Ref Samp	Batch
			Ref Res						
Bromoform	mg/l	0.0598	0.00	.05	120.	38-152	L408162-02	WG427675	
Bromomethane	mg/l	0.0536	0.00	.05	107.	0-191	L408162-02	WG427675	
Carbon tetrachloride	mg/l	0.0485	0.00	.05	96.9	22-168	L408162-02	WG427675	
Chlorobenzene	mg/l	0.0537	0.00	.05	107.	33-148	L408162-02	WG427675	
Chlorodibromomethane	mg/l	0.0569	0.00	.05	114.	48-151	L408162-02	WG427675	
Chloroethane	mg/l	0.0566	0.00	.05	113.	4-176	L408162-02	WG427675	
Chloroform	mg/l	0.0510	0.00	.05	102.	37-147	L408162-02	WG427675	
Chloromethane	mg/l	0.0811	0.00	.05	162.	10-174	L408162-02	WG427675	
cis-1,2-Dichloroethene	mg/l	0.0539	0.00	.05	108.	29-156	L408162-02	WG427675	
cis-1,3-Dichloropropene	mg/l	0.0518	0.00	.05	104.	35-148	L408162-02	WG427675	
Di-isopropyl ether	mg/l	0.0876	0.00	.05	175.*	39-160	L408162-02	WG427675	
Dibromomethane	mg/l	0.0490	0.00	.05	98.0	36-152	L408162-02	WG427675	
Dichlorodifluoromethane	mg/l	0.0408	0.00	.05	81.6	0-200	L408162-02	WG427675	
Ethylbenzene	mg/l	0.0537	0.00	.05	107.	29-150	L408162-02	WG427675	
Hexachloro-1,3-butadiene	mg/l	0.0530	0.00	.05	106.	28-144	L408162-02	WG427675	
Isopropylbenzene	mg/l	0.0534	0.00	.05	107.	35-147	L408162-02	WG427675	
Methyl tert-butyl ether	mg/l	0.0537	0.00	.05	107.	24-167	L408162-02	WG427675	
Methylene Chloride	mg/l	0.0538	0.00	.05	108.	23-151	L408162-02	WG427675	
n-Butylbenzene	mg/l	0.0525	0.00	.05	105.	22-151	L408162-02	WG427675	
n-Propylbenzene	mg/l	0.0522	0.00	.05	104.	26-150	L408162-02	WG427675	
Naphthalene	mg/l	0.0627	0.00	.05	125.	24-160	L408162-02	WG427675	
p-Isopropyltoluene	mg/l	0.0553	0.00	.05	111.	28-151	L408162-02	WG427675	
sec-Butylbenzene	mg/l	0.0543	0.00	.05	109.	32-149	L408162-02	WG427675	
Styrene	mg/l	0.0560	0.00	.05	112.	38-149	L408162-02	WG427675	
tert-Butylbenzene	mg/l	0.0545	0.00	.05	109.	36-149	L408162-02	WG427675	
Tetrachloroethene	mg/l	0.0511	0.00	.05	102.	13-157	L408162-02	WG427675	
Toluene	mg/l	0.0514	0.00	.05	103.	22-152	L408162-02	WG427675	
trans-1,2-Dichloroethene	mg/l	0.0514	0.00	.05	103.	11-160	L408162-02	WG427675	
trans-1,3-Dichloropropene	mg/l	0.0521	0.00	.05	104.	33-153	L408162-02	WG427675	
Trichloroethene	mg/l	0.0519	0.00	.05	104.	18-163	L408162-02	WG427675	
Trichlorofluoromethane	mg/l	0.0465	0.00	.05	93.0	10-177	L408162-02	WG427675	
Vinyl chloride	mg/l	0.0595	0.00	.05	119.	0-179	L408162-02	WG427675	
Xylenes, Total	mg/l	0.161	0.00	.15	108.	27-151	L408162-02	WG427675	
4-Bromofluorobenzene					98.12	75-128		WG427675	
Dibromofluoromethane					98.27	79-125		WG427675	
Toluene-d8					95.84	87-114		WG427675	
1,1,1,2-Tetrachloroethane	mg/l	0.515	0.00	.05	103.	45-152	L408307-02	WG427726	
1,1,1-Trichloroethane	mg/l	0.546	0.00	.05	109.	31-161	L408307-02	WG427726	
1,1,2,2-Tetrachloroethane	mg/l	0.571	0.00	.05	114.	49-149	L408307-02	WG427726	
1,1,2-Trichloroethane	mg/l	0.545	0.00	.05	109.	46-145	L408307-02	WG427726	
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/l	0.522	0.00	.05	104.	14-168	L408307-02	WG427726	
1,1-Dichloroethane	mg/l	0.500	0.00	.05	100.	30-159	L408307-02	WG427726	
1,1-Dichloroethene	mg/l	0.550	0.00	.05	110.	10-162	L408307-02	WG427726	
1,1-Dichloropropene	mg/l	0.522	0.00	.05	105.	14-162	L408307-02	WG427726	
1,2,3-Trichlorobenzene	mg/l	0.545	0.00	.05	109.	32-143	L408307-02	WG427726	
1,2,3-Trichloropropane	mg/l	0.595	0.00	.05	119.	48-148	L408307-02	WG427726	
1,2,3-Trimethylbenzene	mg/l	0.507	0.00	.05	101.	36-141	L408307-02	WG427726	
1,2,4-Trichlorobenzene	mg/l	0.514	0.00	.05	103.	27-142	L408307-02	WG427726	
1,2,4-Trimethylbenzene	mg/l	0.548	0.00	.05	110.	29-153	L408307-02	WG427726	
1,2-Dibromo-3-Chloropropane	mg/l	0.543	0.00	.05	109.	37-148	L408307-02	WG427726	
1,2-Dibromoethane	mg/l	0.551	0.00	.05	110.	41-149	L408307-02	WG427726	
1,2-Dichlorobenzene	mg/l	0.525	0.00	.05	105.	40-139	L408307-02	WG427726	
1,2-Dichloroethane	mg/l	0.521	0.00	.05	104.	29-167	L408307-02	WG427726	
1,2-Dichloropropane	mg/l	0.509	0.00	.05	102.	39-148	L408307-02	WG427726	
1,3,5-Trimethylbenzene	mg/l	0.549	0.00	.05	110.	33-149	L408307-02	WG427726	
1,3-Dichlorobenzene	mg/l	0.540	0.00	.05	108.	32-148	L408307-02	WG427726	
1,3-Dichloropropane	mg/l	0.515	0.00	.05	103.	44-142	L408307-02	WG427726	

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Quality Assurance Report Level II

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June 23, 2009

L408342

Analyte	Units	MS Res	Matrix Spike		% Rec	Limit	Ref Samp	Batch
			Ref Res	TV				
1,4-Dichlorobenzene	mg/l	0.490	0.00	.05	98.0	32-136	L408307-02	WG427726
2,2-Dichloropropane	mg/l	0.453	0.00	.05	90.6	14-158	L408307-02	WG427726
2-Butanone (MEK)	mg/l	3.19	0.00	.25	128.	32-151	L408307-02	WG427726
2-Chloroethyl vinyl ether	mg/l	0.0208	0.00	.25	0.830	0-175	L408307-02	WG427726
2-Chlorotoluene	mg/l	0.536	0.00	.05	107.	35-147	L408307-02	WG427726
4-Chlorotoluene	mg/l	0.528	0.00	.05	106.	33-147	L408307-02	WG427726
4-Methyl-2-pentanone (MIBK)	mg/l	3.03	0.00	.25	121.	40-160	L408307-02	WG427726
Acetone	mg/l	2.75	0.00	.25	110.	25-157	L408307-02	WG427726
Acrolein	mg/l	2.72	0.00	.25	109.	0-179	L408307-02	WG427726
Acrylonitrile	mg/l	2.74	0.00	.25	109.	37-162	L408307-02	WG427726
Benzene	mg/l	0.482	0.00	.05	96.4	16-158	L408307-02	WG427726
Bromobenzene	mg/l	0.507	0.00	.05	101.	37-147	L408307-02	WG427726
Bromodichloromethane	mg/l	0.511	0.00	.05	102.	45-147	L408307-02	WG427726
Bromoform	mg/l	0.590	0.00	.05	118.	38-152	L408307-02	WG427726
Bromomethane	mg/l	0.630	0.00	.05	126.	0-191	L408307-02	WG427726
Carbon tetrachloride	mg/l	0.559	0.00	.05	112.	22-168	L408307-02	WG427726
Chlorobenzene	mg/l	0.521	0.00	.05	104.	33-148	L408307-02	WG427726
Chlorodibromomethane	mg/l	0.558	0.00	.05	112.	48-151	L408307-02	WG427726
Chloroethane	mg/l	0.483	0.00	.05	96.6	4-176	L408307-02	WG427726
Chloroform	mg/l	0.493	0.00	.05	98.6	37-147	L408307-02	WG427726
Chloromethane	mg/l	0.378	0.00	.05	75.6	10-174	L408307-02	WG427726
cis-1,2-Dichloroethene	mg/l	0.664	0.200	.05	92.8	29-156	L408307-02	WG427726
cis-1,3-Dichloropropene	mg/l	0.489	0.00	.05	97.9	35-148	L408307-02	WG427726
Di-isopropyl ether	mg/l	0.482	0.00	.05	96.4	39-160	L408307-02	WG427726
Dibromomethane	mg/l	0.536	0.00	.05	107.	36-152	L408307-02	WG427726
Dichlorodifluoromethane	mg/l	0.522	0.00	.05	104.	0-200	L408307-02	WG427726
Ethylbenzene	mg/l	0.541	0.00	.05	108.	29-150	L408307-02	WG427726
Hexachloro-1,3-butadiene	mg/l	0.529	0.00	.05	106.	28-144	L408307-02	WG427726
Isopropylbenzene	mg/l	0.545	0.00	.05	109.	35-147	L408307-02	WG427726
Methyl tert-butyl ether	mg/l	0.499	0.00	.05	99.8	24-167	L408307-02	WG427726
Methylene Chloride	mg/l	0.486	0.00	.05	97.2	23-151	L408307-02	WG427726
n-Butylbenzene	mg/l	0.537	0.00	.05	107.	22-151	L408307-02	WG427726
n-Propylbenzene	mg/l	0.536	0.00	.05	107.	26-150	L408307-02	WG427726
Naphthalene	mg/l	0.529	0.00	.05	106.	24-160	L408307-02	WG427726
p-Isopropyltoluene	mg/l	0.566	0.00	.05	113.	28-151	L408307-02	WG427726
sec-Butylbenzene	mg/l	0.558	0.00	.05	112.	32-149	L408307-02	WG427726
Styrene	mg/l	0.537	0.00	.05	107.	38-149	L408307-02	WG427726
tert-Butylbenzene	mg/l	0.563	0.00	.05	113.	36-149	L408307-02	WG427726
Tetrachloroethene	mg/l	0.555	0.00	.05	111.	13-157	L408307-02	WG427726
Toluene	mg/l	0.500	0.00	.05	100.	22-152	L408307-02	WG427726
trans-1,2-Dichloroethene	mg/l	0.518	0.00	.05	104.	11-160	L408307-02	WG427726
trans-1,3-Dichloropropene	mg/l	0.478	0.00	.05	95.6	33-153	L408307-02	WG427726
Trichloroethene	mg/l	0.560	0.0270	.05	107.	18-163	L408307-02	WG427726
Trichlorofluoromethane	mg/l	0.504	0.00	.05	101.	10-177	L408307-02	WG427726
Vinyl chloride	mg/l	0.477	0.00	.05	95.5	0-179	L408307-02	WG427726
Xylenes, Total	mg/l	1.60	0.00	.15	107.	27-151	L408307-02	WG427726
4-Bromofluorobenzene					106.0	75-128		WG427726
Dibromofluoromethane					101.1	79-125		WG427726
Toluene-d8					102.9	87-114		WG427726

Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit	Ref Samp	Batch
			Ref	%Rec					
1,1,1,2-Tetrachloroethane	mg/l	0.0488	0.0516	97.6	45-152	5.66	21	L408162-02	WG427675
1,1,1-Trichloroethane	mg/l	0.0451	0.0495	90.2	31-161	9.23	23	L408162-02	WG427675
1,1,2,2-Tetrachloroethane	mg/l	0.0544	0.0610	109.	49-149	11.4	22	L408162-02	WG427675
1,1,2-Trichloroethane	mg/l	0.0523	0.0565	105.	46-145	7.69	20	L408162-02	WG427675
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/l	0.0478	0.0518	95.6	14-168	8.13	24	L408162-02	WG427675
1,1-Dichloroethane	mg/l	0.0523	0.0576	105.	30-159	9.52	21	L408162-02	WG427675

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Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit	Ref Samp	Batch
			Ref	%Rec					
1,1-Dichloroethene	mg/l	0.0473	0.0524	94.5	10-162	10.3	23	L408162-02	WG427675
1,1-Dichloropropene	mg/l	0.0458	0.0494	91.6	14-162	7.50	23	L408162-02	WG427675
1,2,3-Trichlorobenzene	mg/l	0.0523	0.0549	105.	32-143	4.85	33	L408162-02	WG427675
1,2,3-Trichloropropane	mg/l	0.0500	0.0554	100.	48-148	10.1	23	L408162-02	WG427675
1,2,3-Trimethylbenzene	mg/l	0.0485	0.0516	97.0	36-141	6.30	25	L408162-02	WG427675
1,2,4-Trichlorobenzene	mg/l	0.0523	0.0556	105.	27-142	6.05	30	L408162-02	WG427675
1,2,4-Trimethylbenzene	mg/l	0.0502	0.0530	100.	29-153	5.36	27	L408162-02	WG427675
1,2-Dibromo-3-Chloropropane	mg/l	0.0550	0.0608	110.	37-148	9.93	27	L408162-02	WG427675
1,2-Dibromoethane	mg/l	0.0508	0.0550	102.	41-149	8.05	21	L408162-02	WG427675
1,2-Dichlorobenzene	mg/l	0.0477	0.0506	95.4	40-139	5.81	23	L408162-02	WG427675
1,2-Dichloroethane	mg/l	0.0450	0.0501	90.0	29-167	10.6	21	L408162-02	WG427675
1,2-Dichloropropane	mg/l	0.0502	0.0547	100.	39-148	8.53	20	L408162-02	WG427675
1,3,5-Trimethylbenzene	mg/l	0.0505	0.0535	101.	33-149	5.83	26	L408162-02	WG427675
1,3-Dichlorobenzene	mg/l	0.0489	0.0520	97.7	32-148	6.17	24	L408162-02	WG427675
1,3-Dichloropropane	mg/l	0.0482	0.0526	96.3	44-142	8.76	20	L408162-02	WG427675
1,4-Dichlorobenzene	mg/l	0.0481	0.0510	96.1	32-136	5.93	23	L408162-02	WG427675
2,2-Dichloropropane	mg/l	0.0444	0.0491	88.7	14-158	10.2	23	L408162-02	WG427675
2-Butanone (MEK)	mg/l	0.257	0.299	103.	32-151	15.3	26	L408162-02	WG427675
2-Chloroethyl vinyl ether	mg/l	0.0032	0.0208	1.28	0-175	147.*	75	L408162-02	WG427675
2-Chlorotoluene	mg/l	0.0485	0.0516	97.1	35-147	6.21	24	L408162-02	WG427675
4-Chlorotoluene	mg/l	0.0488	0.0524	97.6	33-147	7.17	25	L408162-02	WG427675
4-Methyl-2-pentanone (MIBK)	mg/l	0.346	0.399	138.	40-160	14.3	28	L408162-02	WG427675
Acetone	mg/l	0.307	0.372	123.	25-157	19.2	26	L408162-02	WG427675
Acrolein	mg/l	0.352	0.435	141.	0-179	21.1	39	L408162-02	WG427675
Acrylonitrile	mg/l	0.455	0.539	181.996*	37-162	16.9	24	L408162-02	WG427675
Benzene	mg/l	0.0496	0.0543	99.1	16-158	9.09	21	L408162-02	WG427675
Bromobenzene	mg/l	0.0471	0.0498	94.3	37-147	5.54	23	L408162-02	WG427675
Bromodichloromethane	mg/l	0.0459	0.0490	91.7	45-147	6.59	20	L408162-02	WG427675
Bromoform	mg/l	0.0550	0.0598	110.	38-152	8.22	20	L408162-02	WG427675
Bromomethane	mg/l	0.0499	0.0536	99.8	0-191	7.19	35	L408162-02	WG427675
Carbon tetrachloride	mg/l	0.0441	0.0485	88.2	22-168	9.43	24	L408162-02	WG427675
Chlorobenzene	mg/l	0.0506	0.0537	101.	33-148	6.00	22	L408162-02	WG427675
Chlorodibromomethane	mg/l	0.0519	0.0569	104.	48-151	9.10	21	L408162-02	WG427675
Chloroethane	mg/l	0.0501	0.0566	100.	4-176	12.1	27	L408162-02	WG427675
Chloroform	mg/l	0.0467	0.0510	93.3	37-147	8.94	21	L408162-02	WG427675
Chloromethane	mg/l	0.0750	0.0811	150.	10-174	7.91	28	L408162-02	WG427675
cis-1,2-Dichloroethene	mg/l	0.0496	0.0539	99.2	29-156	8.35	22	L408162-02	WG427675
cis-1,3-Dichloropropene	mg/l	0.0488	0.0518	97.6	35-148	6.00	21	L408162-02	WG427675
Di-isopropyl ether	mg/l	0.0798	0.0876	160.	39-160	9.37	21	L408162-02	WG427675
Dibromomethane	mg/l	0.0451	0.0490	90.3	36-152	8.16	20	L408162-02	WG427675
Dichlorodifluoromethane	mg/l	0.0372	0.0408	74.4	0-200	9.20	26	L408162-02	WG427675
Ethylbenzene	mg/l	0.0497	0.0537	99.5	29-150	7.64	24	L408162-02	WG427675
Hexachloro-1,3-butadiene	mg/l	0.0501	0.0530	100.	28-144	5.69	33	L408162-02	WG427675
Isopropylbenzene	mg/l	0.0505	0.0534	101.	35-147	5.70	25	L408162-02	WG427675
Methyl tert-butyl ether	mg/l	0.0475	0.0537	95.0	24-167	12.2	22	L408162-02	WG427675
Methylene Chloride	mg/l	0.0504	0.0538	101.	23-151	6.48	21	L408162-02	WG427675
n-Butylbenzene	mg/l	0.0501	0.0525	100.	22-151	4.65	29	L408162-02	WG427675
n-Propylbenzene	mg/l	0.0491	0.0522	98.3	26-150	6.02	25	L408162-02	WG427675
Naphthalene	mg/l	0.0581	0.0627	116.	24-160	7.56	37	L408162-02	WG427675
p-Isopropyltoluene	mg/l	0.0522	0.0553	104.	28-151	5.94	27	L408162-02	WG427675
sec-Butylbenzene	mg/l	0.0513	0.0543	103.	32-149	5.77	26	L408162-02	WG427675
Styrene	mg/l	0.0529	0.0560	106.	38-149	5.64	23	L408162-02	WG427675
tert-Butylbenzene	mg/l	0.0514	0.0545	103.	36-149	6.00	26	L408162-02	WG427675
Tetrachloroethene	mg/l	0.0473	0.0511	94.7	13-157	7.72	24	L408162-02	WG427675
Toluene	mg/l	0.0487	0.0514	97.3	22-152	5.42	22	L408162-02	WG427675
trans-1,2-Dichloroethene	mg/l	0.0476	0.0514	95.1	11-160	7.80	23	L408162-02	WG427675
trans-1,3-Dichloropropene	mg/l	0.0488	0.0521	97.6	33-153	6.51	22	L408162-02	WG427675
Trichloroethene	mg/l	0.0498	0.0519	99.6	18-163	4.17	21	L408162-02	WG427675
Trichlorofluoromethane	mg/l	0.0424	0.0465	84.7	10-177	9.38	24	L408162-02	WG427675

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Quality Assurance Report Level II

Mountlake Terrace, WA 98043

June 23, 2009

L408342

Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit	Ref	Samp	Batch
			Ref	%Rec						
Vinyl chloride	mg/l	0.0538	0.0595	108.	0-179	10.0	26	L408162-02		WG427675
Xylenes, Total	mg/l	0.152	0.161	101.	27-151	6.18	23	L408162-02		WG427675
4-Bromofluorobenzene				97.30	75-128					WG427675
Dibromofluoromethane				94.81	79-125					WG427675
Toluene-d8				96.91	87-114					WG427675
1,1,1,2-Tetrachloroethane	mg/l	0.486	0.515	97.3	45-152	5.71	21	L408307-02		WG427726
1,1,1-Trichloroethane	mg/l	0.510	0.546	102.	31-161	6.85	23	L408307-02		WG427726
1,1,2,2-Tetrachloroethane	mg/l	0.549	0.571	110.	49-149	4.04	22	L408307-02		WG427726
1,1,2-Trichloroethane	mg/l	0.518	0.545	104.	46-145	5.11	20	L408307-02		WG427726
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/l	0.542	0.522	108.	14-168	3.61	24	L408307-02		WG427726
1,1-Dichloroethane	mg/l	0.472	0.500	94.5	30-159	5.73	21	L408307-02		WG427726
1,1-Dichloropropene	mg/l	0.519	0.550	104.	10-162	5.82	23	L408307-02		WG427726
1,2,3-Trichlorobenzene	mg/l	0.489	0.522	97.9	14-162	6.54	23	L408307-02		WG427726
1,2,3-Trichloropropane	mg/l	0.509	0.545	102.	32-143	6.93	33	L408307-02		WG427726
1,2,3-Trimethylbenzene	mg/l	0.588	0.595	118.	48-148	1.13	23	L408307-02		WG427726
1,2,4-Trichlorobenzene	mg/l	0.490	0.507	97.9	36-141	3.54	25	L408307-02		WG427726
1,2,4-Trichloropropane	mg/l	0.484	0.514	96.8	27-142	6.01	30	L408307-02		WG427726
1,2,4-Trimethylbenzene	mg/l	0.511	0.548	102.	29-153	6.99	27	L408307-02		WG427726
1,2-Dibromo-3-Chloropropane	mg/l	0.528	0.543	106.	37-148	2.89	27	L408307-02		WG427726
1,2-Dibromoethane	mg/l	0.533	0.551	107.	41-149	3.33	21	L408307-02		WG427726
1,2-Dichlorobenzene	mg/l	0.500	0.525	100.	40-139	4.80	23	L408307-02		WG427726
1,2-Dichloroethane	mg/l	0.503	0.521	101.	29-167	3.34	21	L408307-02		WG427726
1,2-Dichloropropane	mg/l	0.490	0.509	98.0	39-148	3.79	20	L408307-02		WG427726
1,3,5-Trimethylbenzene	mg/l	0.511	0.549	102.	33-149	7.12	26	L408307-02		WG427726
1,3-Dichlorobenzene	mg/l	0.510	0.540	102.	32-148	5.80	24	L408307-02		WG427726
1,3-Dichloropropane	mg/l	0.483	0.515	96.6	44-142	6.40	20	L408307-02		WG427726
1,4-Dichlorobenzene	mg/l	0.474	0.490	94.7	32-136	3.38	23	L408307-02		WG427726
2,2-Dichloropropane	mg/l	0.416	0.453	83.1	14-158	8.59	23	L408307-02		WG427726
2-Butanone (MEK)	mg/l	3.19	3.19	128.	32-151	0.078	26	L408307-02		WG427726
2-Chloroethyl vinyl ether	mg/l	0.0126	0.0208	0.506	0-175	48.6	75	L408307-02		WG427726
2-Chlorotoluene	mg/l	0.501	0.536	100.	35-147	6.63	24	L408307-02		WG427726
4-Chlorotoluene	mg/l	0.492	0.528	98.3	33-147	7.15	25	L408307-02		WG427726
4-Methyl-2-pentanone (MIBK)	mg/l	2.95	3.03	118.	40-160	2.75	28	L408307-02		WG427726
Acetone	mg/l	2.74	2.75	109.	25-157	0.337	26	L408307-02		WG427726
Acrolein	mg/l	2.60	2.72	104.	0-179	4.77	39	L408307-02		WG427726
Acrylonitrile	mg/l	2.69	2.74	108.	37-162	1.63	24	L408307-02		WG427726
Benzene	mg/l	0.455	0.482	91.1	16-158	5.70	21	L408307-02		WG427726
Bromobenzene	mg/l	0.479	0.507	95.7	37-147	5.70	23	L408307-02		WG427726
Bromodichloromethane	mg/l	0.492	0.511	98.4	45-147	3.89	20	L408307-02		WG427726
Bromoform	mg/l	0.554	0.590	111.	38-152	6.36	20	L408307-02		WG427726
Bromomethane	mg/l	0.491	0.630	98.3	0-191	24.7	35	L408307-02		WG427726
Carbon tetrachloride	mg/l	0.524	0.559	105.	22-168	6.35	24	L408307-02		WG427726
Chlorobenzene	mg/l	0.489	0.521	97.9	33-148	6.31	22	L408307-02		WG427726
Chlorodibromomethane	mg/l	0.524	0.558	105.	48-151	6.33	21	L408307-02		WG427726
Chloroethane	mg/l	0.489	0.483	97.8	4-176	1.28	27	L408307-02		WG427726
Chloroform	mg/l	0.463	0.493	92.7	37-147	6.15	21	L408307-02		WG427726
Chloromethane	mg/l	0.355	0.378	71.0	10-174	6.32	28	L408307-02		WG427726
cis-1,2-Dichloroethene	mg/l	0.642	0.664	88.4	29-156	3.38	22	L408307-02		WG427726
cis-1,3-Dichloropropene	mg/l	0.466	0.489	93.3	35-148	4.80	21	L408307-02		WG427726
Di-isopropyl ether	mg/l	0.463	0.482	92.6	39-160	4.03	21	L408307-02		WG427726
Dibromomethane	mg/l	0.528	0.536	106.	36-152	1.55	20	L408307-02		WG427726
Dichlorodifluoromethane	mg/l	0.555	0.522	111.	0-200	6.16	26	L408307-02		WG427726
Ethylbenzene	mg/l	0.504	0.541	101.	29-150	7.03	24	L408307-02		WG427726
Hexachloro-1,3-butadiene	mg/l	0.507	0.529	101.	28-144	4.22	33	L408307-02		WG427726
Isopropylbenzene	mg/l	0.504	0.545	101.	35-147	7.82	25	L408307-02		WG427726
Methyl tert-butyl ether	mg/l	0.493	0.499	98.6	24-167	1.25	22	L408307-02		WG427726
Methylene Chloride	mg/l	0.469	0.486	93.8	23-151	3.61	21	L408307-02		WG427726

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L408342

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Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit	Ref Samp	Batch
			Ref	%Rec					
n-Butylbenzene	mg/l	0.506	0.537	101.	22-151	5.90	29	L408307-02	WG427726
n-Propylbenzene	mg/l	0.501	0.536	100.	26-150	6.80	25	L408307-02	WG427726
Naphthalene	mg/l	0.478	0.529	95.5	24-160	10.1	37	L408307-02	WG427726
p-Isopropyltoluene	mg/l	0.520	0.566	104.	28-151	8.53	27	L408307-02	WG427726
sec-Butylbenzene	mg/l	0.509	0.558	102.	32-149	9.24	26	L408307-02	WG427726
Styrene	mg/l	0.510	0.537	102.	38-149	5.22	23	L408307-02	WG427726
tert-Butylbenzene	mg/l	0.526	0.563	105.	36-149	6.93	26	L408307-02	WG427726
Tetrachloroethene	mg/l	0.517	0.555	103.	13-157	7.23	24	L408307-02	WG427726
Toluene	mg/l	0.475	0.500	94.9	22-152	5.29	22	L408307-02	WG427726
trans-1,2-Dichloroethene	mg/l	0.497	0.518	99.5	11-160	4.10	23	L408307-02	WG427726
trans-1,3-Dichloropropene	mg/l	0.460	0.478	92.0	33-153	3.84	22	L408307-02	WG427726
Trichloroethene	mg/l	0.527	0.560	100.	18-163	6.01	21	L408307-02	WG427726
Trichlorofluoromethane	mg/l	0.518	0.504	104.	10-177	2.74	24	L408307-02	WG427726
Vinyl chloride	mg/l	0.512	0.477	102.	0-179	6.96	26	L408307-02	WG427726
Xylenes, Total	mg/l	1.49	1.60	99.4	27-151	7.02	23	L408307-02	WG427726
4-Bromofluorobenzene				104.4	75-128				WG427726
Dibromofluoromethane				101.3	79-125				WG427726
Toluene-d8				103.8	87-114				WG427726

Batch number /Run number / Sample number cross reference

WG427675: R788287: L408342-01 02 03 04 05 06
WG427726: R789426: L408342-05 07

* * Calculations are performed prior to rounding of reported values .
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The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.