

Supplemental Limited Site Investigation

**Marketplace Retail Center
Bothell, Washington**

June 29, 2011

Project No. 81097016A

Prepared for:

Mill Creek Crossing LLC
Bothell, Washington

Prepared by:

Terracon Consultants, Inc.
Mountlake Terrace, Washington

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June 29, 2011

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

Attn: Mr. Nicholas Echelbarger

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

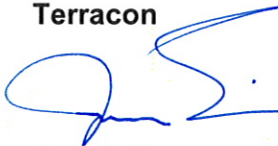
Dear Mr. Echelbarger:

Terracon is pleased to submit three copies of this Supplemental Limited Site Investigation (LSI) report for the above referenced site. This investigation was performed in accordance with Terracon's Proposal No. P8109258R dated January 21, 2010 and Proposal No. P81110097 dated April 22, 2011, and includes results for sampling events completed in July of 2010 and April of 2011.

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



Jon M. Einarsen, Ph.D., L.G.
Senior Project Manager



Jon Marion Einarsen



Sean W. Donnan, P.G.
Principal



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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. The site includes asphalt-paved parking and landscape areas.

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

1.2 Previous Investigations

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

- 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. (March, 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).

Terracon also completed a Limited Site Investigation for the site in August, 2009. The following narrative summarizes the results of these investigations.

Phase I Environmental Site Audit (Environmental Associates, 1999)

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.

Preliminary Subsurface Sampling and Testing (Environmental Associates, 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 two to six 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. Tetrachloroethylene (PCE) was detected in both of the interior soil samples, at reported concentrations of 240 ug/kg and 560 ug/kg. PCE was not detected in concentrations above laboratory reporting limits in B-2, but was reported at a concentration of 200 ug/kg at a depth of approximately 22½ in B-1. These reported concentrations (200 ug/kg to 560 ug/kg) exceed the current Model Toxics Control Act (MTCA, WAC 173-340) Method A cleanup level for PCE (50 ug/kg).

Phase I Environmental Site Assessment (Adapt Engineering, 2007)

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.

Limited Site Investigation (Adapt Engineering, 2007)

The 2007 Limited Phase II ESA described the installation of three groundwater monitoring wells on the site. Two of the wells were completed near the Plaid Pantry service station. One of the wells was advanced a few feet south of the building housing the current and historical dry cleaning operations, and was completed at a depth of approximately 35 feet. This well is referred to as MW-4 in Terracon reports. Groundwater was measured in this well at a depth of approximately 25½ feet. One soil sample collected at a depth of approximately 30 feet in MW-4 contained PCE at a reported concentration of 63 ug/kg, slightly exceeding the current MTCA Method A cleanup level (50 ug/kg). A groundwater sample collected from MW-4 contained PCE at a reported concentration of 45 ug/L, which exceeds the current MTCA Method A cleanup level for groundwater (5 ug/L).

Limited Site Investigation (Terracon, 2009)

Terracon advanced a total of thirteen direct-push borings inside the building at the locations of both the current and former dry cleaning tenant spaces, and in the alley immediately south and southwest of the current and former dry cleaning tenant spaces. In addition, three hollow-stem auger borings were completed with groundwater monitoring wells (MW-1, MW-2, and MW-3) outside of the tenant spaces on the southwest part of the site. The well installed by Adapt in 2007 was designated as MW-4 and is located south of the current Money Tree tenant space.

Eleven shallow soil samples were collected from within the tenant spaces, at depths ranging from 2½ to 5 feet. PCE and trichloroethylene (TCE) were detected in nearly all of the samples, but in low concentrations. The concentration of PCE ranged from 1.1 to 160 ug/kg, TCE concentrations ranged from 9.2 to 38 ug/kg, and a single sample contained cis-1,2-dichloroethylene (cis-1,2-DCE) at a concentration of 28 ug/kg. Three of the samples contained PCE at concentrations exceeding the current MTCA Method A cleanup level (50 ug/kg). Three of the samples contained TCE at concentrations exceeding the current MTCA Method A cleanup level (30 ug/kg).

Four soil samples collected from a depth of three feet in the alley immediately south and southwest of the tenant spaces contained PCE at concentrations of 1.2 to 28 ug/kg, and TCE at concentrations of 15 to 30 ug/kg. None of the samples exceeded MTCA Method A cleanup levels for PCE and TCE.

Groundwater samples collected from the four onsite wells contained concentrations of PCE ranging from 6.6 to 170 ug/L and a single detection of cis-1,2-DCE at a concentration of 4.8 ug/L. Three samples contained PCE at concentrations exceeding the current MTCA Method A cleanup level (5 ug/L).

1.3 Scope of Work

Terracon's scope of work for the August 2010 supplemental investigation was conducted in accordance with our proposal (P8109258R) dated January 21, 2010. Our scope of services included completion of the following tasks:

- Task 1. Prepare a Work Plan and complete pre-mobilization planning and utility locates. Acquire permits from the Washington State Department of Transportation to drill in the Bothell-Everett Highway right-of-way.
- Task 2. Advance three borings off the site in an estimated down gradient position to depths of 35 to 45 feet.
- Task 3. Complete each boring with a groundwater monitoring well. Arrange for each well to be surveyed.
- Task 4. Complete laboratory analyses of selected soil samples from each of the new boring explorations and groundwater from all seven groundwater monitoring wells.

Terracon's scope of work for the April 2011 supplemental investigation was conducted in accordance with our proposal (P81110097) dated April 22, 2011. Our scope of services included completion of the following tasks:

- Task 1. Prepare a Work Plan and complete pre-mobilization planning and utility locates. Acquire permits from the Washington State Department of Transportation to drill in the Bothell-Everett Highway right-of-way.
- Task 2. Advance one boring off the site in an estimated down gradient position to a depth of approximately 70 feet.
- Task 3. Complete the boring with a groundwater monitoring well. Arrange for the well to be surveyed.
- Task 4. Complete laboratory analyses of selected soil samples from the new boring exploration and groundwater from all eight groundwater monitoring wells.
- Task 5. Prepare this report summarizing the results of our August 2010 and April 2011 investigations.

1.4 Project Objectives

The objectives of this project were to complete additional evaluation of subsurface soil and groundwater conditions to further evaluate 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. The scope of work was additionally developed in an effort to gain a better understanding of site specific groundwater flow directions.

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, our previously completed work on the site, and our experience on similar projects. Subsurface investigation activities included the following tasks:

1. Installation of three dedicated groundwater monitoring wells on the west side of the Bothell-Everett Highway;
2. Installation of one dedicated groundwater monitoring well on the east side of the Bothell-Everett Highway;
3. Soil and groundwater sampling;
4. Analytical laboratory testing.

Each of these investigation activities is summarized below.

2.1 Subsurface Exploration

Figure 3 is a Site and Exploration Plan that indicates the approximate locations of the soil explorations and dedicated monitoring wells in relation to the pertinent structures and general site boundaries (Appendix A).

Three borings completed with dedicated groundwater monitoring wells (MW-5, MW-6, and MW-7) were advanced west of the site on the west side of the Bothell-Everett Highway on July 12 and July 13, 2010 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 36 to 41½ feet below ground surface (bgs).

An additional boring completed with a dedicated groundwater monitoring well (MW-8) was advanced south of the site on the east side of the Bothell-Everett Highway on May 26, 2011 using a low-profile hollow-stem auger drill rig provided by Holocene Drilling. Soil samples were collected at five-foot intervals starting at 10 feet bgs using a 2-inch O.D. split-spoon standard penetration test (SPT) soil sampler driven with a 140-pound auto-hammer. The boring was advanced to a depth of approximately 70½ 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. 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

Environmental Drilling installed dedicated groundwater monitoring wells in MW-5, MW-6, and MW-7. Holocene Drilling installed a dedicated groundwater monitoring well in MW-8. Monitoring wells MW-5 to MW-7 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. Monitoring well MW-8 consisted of the same materials but with three ten-foot sections of 0.010-inch slotted screen. 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.

Monitoring wells were subsequently developed by purging with a bailer and an electric submersible pump on August 3, 2010 (MW-5 to MW-7), and on April 29, 2011 (MW-8). Approximately 85 gallons of development water was generated during development of monitoring wells MW-5 to MW-7 and approximately 40 gallons for monitoring well MW-8.

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, sealed and appropriately labeled with project-specific information and initial accumulation date.

2.3 Soil and Groundwater Sampling

Five soil samples from each hollow-stem auger borings (MW-5 to MW-7) and twelve soil samples from hollow-stem auger boring MW-8 were submitted for laboratory analysis. Soil samples retained for chemical analysis from the hollow-stem auger explorations were collected at depths ranging from approximately 10 feet to 70 feet.

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

Groundwater was sampled during two separate events. The first groundwater sampling event occurred on August 10 and August 12, 2010, when groundwater samples were collected and

analyzed from MW-1 through MW-7. The second event occurred on May 9 and May 10, 2011, when groundwater samples were collected and analyzed from MW-1 through MW-8.

Prior to both sample collection events, 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.

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

Groundwater was collected with a QED Sample Pro portable bladder pump utilizing low flow techniques. The intake of the pump was set at the approximate midpoint of the screened interval in each well, except for MW-8 where the intake was set near the top of the screened interval. 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 soil and groundwater 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.

2.4 Analytical Laboratory Testing

Soil and groundwater samples were analyzed by Environmental Science Corporation, a Washington State accredited laboratory (Washington Certification #C1915). All 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 varied slightly between borings and generally consisted of silty

sand with gravel to depths ranging from approximately 15 feet bgs with a layer of gravelly sand from approximately 15 to 29 feet bgs that was underlain by silty sand from 29 feet bgs to the bottom of the boring (MW-5). From the surface to 5 feet bgs soil conditions consisted of silty sand with gravel (MW-6 and MW-7), underlain by sandy gravel to gravelly sand from 5 to 13 feet bgs and from 5 to 16½ feet bgs (MW-6 and MW-7, respectively). This was followed by silty sand to sandy silt from 13 to 23 feet bgs and 16½ to 29 feet bgs (MW-6 and MW-7, respectively). From 23 or 29 feet bgs sandy gravel to gravelly sand was present to the bottom of the borings (MW-6 and MW-7) except for a 2 foot sand and silt layer at the bottom of MW-7. MW-8 consisted of silty gravelly sand from 0 to 7 ½ feet bgs overlying silty sand and sand with silt to the depth explored. Soils were found to be very dense and in a moist grading to saturated condition with depth.

Groundwater was encountered at the time of drilling at depths ranging from approximately 17½ feet to 20 feet bgs. The relative location and elevation of the PVC casing for each groundwater monitoring well were surveyed for horizontal and vertical location by a licensed surveyor under subcontract to Terracon. Static groundwater levels were subsequently measured in the monitoring wells on August 25, 2010 and May 9, 2011, as summarized in Table 1.

Table 1. Groundwater Elevations (Feet)

Monitoring Well	Relative Casing Elevation (Feet)	Groundwater Elevation (August 25, 2010)	Groundwater Elevation (May 9, 2011)
MW-1	296.31	271.09	275.13
MW-2	296.47	270.89	274.86
MW-3	296.96	270.79	274.75
MW-4	296.56	270.80	274.79
MW-5	289.85	271.14	274.89
MW-6	289.94	271.03	274.88
MW-7	289.72	270.58	274.50
MW-8	290.56	Not Measured	274.54

Approximately four feet of groundwater elevation variation was observed near the end of the dry season (August 2010) and the end of the rainy season (May 2011). A groundwater contour map for the May 2011 sampling event 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 southerly to south-southeasterly direction with a gradient of approximately 0.003 ft/ft. It should be noted that the depth to groundwater and groundwater flow directions may vary depending upon seasonal variations in rainfall and other factors. It should be noted that the measured groundwater flow direction determined in this investigation is not consistent with measured groundwater flow direction at the Plaid Pantry on the northwest part of the site (west-southwest) as reported by others, and is not consistent with a southwesterly flow direction described in Thomas and others (1997, *The Ground-Water System and Ground-Water Quality in Western Snohomish County, Washington*. U.S. Geological Survey Water-Resources Investigations Report 96-4312).

3.2 Analytical Laboratory Results

Soil and groundwater quality summary results for dry cleaning solvents and associated decomposition products are presented in Table 2 and Table 3, respectively. Both tables include the analytical results for our previous investigation completed in 2009. Complete laboratory reports and chains-of-custody for the current project 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 3 and Figure 4 (Appendix A).

Soil Quality (MW-5 to MW-7)

Fifteen soil samples were collected at depths ranging from 12½ to 40 feet bgs from monitoring well borings MW-5 to MW-7 (Figure 3). PCE was reported at a concentration of 1.3 ug/kg in MW-6 at a depth of 35 feet, and at a concentration of 13 ug/kg at a depth of 40 feet in MW-7. These concentrations are below applicable cleanup levels (see Section 4).

Benzene was reported at a concentration of 0.76 ug/kg at a depth of 30 feet in MW-5. Toluene was reported at a concentration of 0.48 ug/kg at a depth of 26 feet in MW-6. Acetone was detected at concentrations ranging from 13 ug/kg to 28 ug/kg in 3 of 15 samples, and chloroform was detected at concentrations ranging from 0.64 ug/kg to 1.6 ug/kg in 4 of 15 samples. These concentrations are all below potentially applicable cleanup levels. It should also be noted that acetone and chloroform are common laboratory contaminants.

No other VOC were reported above laboratory reporting detection limits (RDLs).

Soil Quality (MW-8)

Twelve soil samples were collected at depths ranging from approximately 10 feet to 70 feet from monitoring well boring MW-8 (Figure 3).

PCE was not detected above the laboratory reported detection limit (RDL) in 2 of 12 samples from monitoring well boring MW-8. PCE was reported at a concentrations ranging from 1.8 ug/kg to 45 ug/kg in the other ten samples. These concentrations are below applicable cleanup levels (see Section 4).

Naphthalene was detected at concentrations of 0.69 ug/kg and 0.81 ug/kg in samples MW-8 S2 at a depth of approximately 15ft and MW-8 S4 at a depth of approximately 25 feet, respectively. The analyte 1,2,4-Trimethylbenzene was detected at a concentration of 0.43 ug/kg in sample MW-8 S2 at a depth of approximately 15 feet. Chloromethane was detected at a concentration of 6.9 ug/kg in sample MW-8 S11 at a depth of approximately 60 feet. Acetone was detected at a concentration of 13 ug/kg in sample MW-8 S12 at a depth of approximately 70 feet. These concentrations are all below potentially applicable cleanup levels. No other VOCs were reported above laboratory RDLs.

Table 2. Summarized Analytical Results (Soil)

Sampling Event	Sample	Depth (Feet)	Location	Volatile Organic Compounds (ug/kg)				
				PCE	TCE	Cis-1,2-DCE		
2009 LSI	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		
2010 Supplemental LSI	MW5 S-1	12½	West Side of the Bothell Everett Highway	ND<1.2	ND<1.2	ND<1.2		
	MW5 S-2	20		ND<1.2	ND<1.2	ND<1.2		
	MW5 S-3	25		ND<1.1	ND<1.1	ND<1.1		
	MW5 S-4	30		ND<1.2	ND<1.2	ND<1.2		
	MW5 S-5	35		ND<1.2	ND<1.2	ND<1.2		
	MW6 S-1	15		ND<1.2	ND<1.2	ND<1.2		
	MW6 S-2	20		ND<1.0	ND<1.0	ND<1.0		
	MW6 S-3	26		ND<1.1	ND<1.1	ND<1.1		
	MW6 S-4	30		ND<1.1	ND<1.1	ND<1.1		
	MW6 S-5	35		1.3	ND<1.1	ND<1.1		
	MW7 S-1	16		ND<1.2	ND<1.2	ND<1.2		
	MW7 S-2	20		ND<1.1	ND<1.1	ND<1.1		
	MW7 S-3	26		ND<1.1	ND<1.1	ND<1.1		
	MW7 S-4	32.5		ND<1.1	ND<1.1	ND<1.1		
	MW7 S-5	40		13	ND<1.2	ND<1.2		
	MTCA Method A Cleanup Level				50	30	NE	

ug/kg: micrograms per kilogram (parts-per-billion); NE: Not established; <: Not detected above indicated laboratory reporting detection 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.

Table 2. Summarized Analytical Results (Soil, Continued)

Sampling Event	Sample	Depth (Feet)	Location	Volatile Organic Compounds (ug/kg)		
				PCE	TCE	Cis-1,2-DCE
2011 Supplemental LSI	MW-8 S1	10	East Side of the Bothell Everett Highway	1.8	ND<1.2	ND<1.2
	MW-8 S2	15		ND<1.0	ND<1.0	ND<1.0
	MW-8 S3	20		8.9	ND<1.2	ND<1.2
	MW-8 S4	25		7.3	ND<1.1	ND<1.1
	MW-8 S5	30		45	ND<1.2	ND<1.2
	MW-8 S6	35		16	ND<1.2	ND<1.2
	MW-8 S7	40		25	ND<1.1	ND<1.1
	MW-8 S8	45		12	ND<1.1	ND<1.1
	MW-8 S9	50		16	ND<1.1	ND<1.1
	MW-8 S10	55		ND<1.0	ND<1.1	ND<1.1
	MW-8 S11	60		8.7	ND<1.1	ND<1.1
	MW-8 S12	70		7.0	ND<1.2	ND<1.2
MTCA Method A Cleanup Level				50	30	NE

ug/kg: micrograms per kilogram (parts-per-billion); NE: Not established; <: Not detected above indicated laboratory reporting detection 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 in August 2010 from the four wells installed near the former and active dry cleaners (MW-1 to MW-4), and from three wells installed in the sidewalk on the west side of the Bothell- Everett Highway (MW-5 to MW-7). Groundwater samples were collected in May 2011 from the four wells installed near the former and active dry cleaners (MW-1 to MW-4), from three wells installed in the sidewalk on the west side of the Bothell- Everett Highway (MW-5 to MW-7), and from the well installed in the right-of-way on the east side of the Bothell- Everett Highway (MW-8). Analytical results are summarized below and in Table 3.

August 2010 Groundwater Sampling Event

PCE was not detected above the laboratory RDL in MW-1, MW-2, and MW-6. PCE was reported at a concentration of 6.4 ug/L (MW-3), 140 ug/L (MW-4), 0.61 ug/L (MW-5) and 0.55 ug/L (MW-7). The concentration of PCE in MW-3 and MW-4 exceeded potentially applicable cleanup levels (See Section 4).

TCE and cis-1,2-DCE were reported at concentrations of 3.2 ug/L and 1.4 ug/L, respectively, in MW-1, but were not detected above laboratory RDLs in any of the other wells. These concentrations are below potentially applicable cleanup levels.

Chloroform was reported at concentrations of 0.82 ug/L and 3.6 ug/L in MW-1 and MW-7, respectively. Benzene was reported at a concentration of 1.4 ug/L in MW-5. These concentrations are below potentially applicable cleanup levels. No other VOC were reported above laboratory RDLs.

May 2011 Groundwater Sampling Event

PCE was not detected above the laboratory RDL in MW-2, and MW-7. PCE was reported at a concentration of 1.3 ug/L (MW-1), 9.3 ug/L (MW-3), 110 ug/L (MW-4), 0.60 ug/L (MW-5) and 22 ug/L (MW-8). The concentration of PCE in MW-3, MW-4, and MW-8 exceeded potentially applicable cleanup levels (see Section 4).

TCE and cis-1,2-DCE were not reported above laboratory RDLs in any of the monitoring wells.

Chloroform was reported at a concentration of 0.41 ug/L in MW-2, 0.61 ug/L in MW-4, 2.8 ug/L in MW-7, and 2.4 ug/L in MW-8. Benzene was reported at a concentration of 0.61 ug/L in MW-5. These concentrations are below potentially applicable cleanup levels. No other VOC were reported above laboratory RDLs.

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
	8-10-10	ND<1	3.2	1.4	ND<1	ND<1	ND<1	ND<1	ND<5	ND<1	ND<5	ND<1	ND<1	ND<1	ND<3
	5-10-11	1.3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
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
	8-12-10	ND<1	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
	5-10-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
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
	8-12-10	6.4	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
	5-10-11	9.3	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
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
	8-12-10	140	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
	5-10-11	110	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
MW-5	8-10-10	0.61	ND<1	ND<1	1.4	ND<1	ND<1	ND<1	ND<5	ND<1	ND<5	ND<1	ND<1	ND<1	ND<3
	5-09-11	0.60	ND<1	ND<1	0.61	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
MW-6	8-10-10	ND<1	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<1
	5-09-11	2.2	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
MW-7	8-10-10	0.55	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
	5-09-11	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
MW-8	5-10-11	22	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1	ND<1
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
Equipment Blank	8-12-10	ND<1	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
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 reported detection 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. Monitoring well PP-MW-2 is located on the Plaid Pantry LUST site, located on the northwest corner of the overall subject site.

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 natural electron acceptors (nitrate, manganese, sulfate) and reduction products (ferrous iron).

Groundwater geochemistry results are summarized in Table 4. We interpret these results to indicate the uppermost aquifer 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

Report Date	Monitoring Well	Geochemical Parameters							Interpretation
		Nitrate (mg/L)	Sulfate (mg/L)	Ferrous Iron (mg/L)	Manganese (mg/L)	DO (mg/L)	ORP (mv)	pH	
2009 LSI	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
2010 Supplemental LSI	MW-1	-	-	-	-	2.25	-55	5.34	Aerobic
	MW-2	-	-	-	-	3.75	329	5.79	
	MW-3	-	-	-	-	4.64	326	5.89	
	MW-4	-	-	-	-	6.48	400	5.75	
	MW-5	-	-	-	-	3.56	-49	5.41	
	MW-6	-	-	-	-	3.85	-14	5.86	
	MW-7	-	-	-	-	4.10	13	5.86	
2011 Supplemental LSI	MW-1	-	-	-	-	7.11	292	5.32	Aerobic
	MW-2	-	-	-	-	2.04	226	5.97	
	MW-3	-	-	-	-	5.34	275	5.97	
	MW-4	-	-	-	-	6.10	291	5.83	
	MW-5	-	-	-	-	1.87	204	5.27	
	MW-6	-	-	-	-	2.96	276	5.64	
	MW-7	-	-	-	-	5.80	285	5.94	
	MW-8	-	-	-	-	3.39	180	6.21	

3.3 Quality Assurance/Quality Control Results

The analytical results 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, method blanks, laboratory control samples, 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.

Method Blanks. Analytes were not detected in any of the laboratory method blanks, except as noted below:

- Naphthalene was detected in the method laboratory blank for soil, but was not detected in any of the samples. The presence of naphthalene in the method blank does not have a significant effect on our interpretation of the dataset.

Laboratory Control Samples. Laboratory control sample recoveries were within laboratory limits, except as noted below:

- The quality control results for styrene, chloroethane, 2-chloroethyl vinyl ether, acetone, chloroform, and 2-butanone in some soil or groundwater samples was outside of laboratory control limits. Except for acetone, none of these compounds were detected in the samples. Acetone is a common laboratory contaminant. These results do not have a significant effect on our interpretation of the dataset.

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.

In addition to the laboratory QA/QC described above, Terracon utilized a trip blanks and an equipment blank to document field QA/QC conditions. The equipment blank was prepared following the sampling of MW-4 during the 2010 sampling event. All blanks were analyzed for VOC using EPA Method 8260B. VOC were not detected in any of the blanks.

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 Supplemental 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.

4.2 Prospective Cleanup Levels

Prospective cleanup standards are set forth in Chapter 70.105 D RCW, and its implementing regulation, the Model Toxics Control Act (MTCA) Chapter 173-340 WAC. 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 MTCA Method A cleanup level for PCE in soil is 50 ug/kg. PCE was reported in only 2 of 15 soil samples collected during the advancement of MW-5, MW-6, and MW-7 on the east side of the Bothell-Everett Highway, at concentration of 1.3 mg/kg and 13 mg/kg. PCE was reported in 10 of 12 soil samples collected on the east side of Bothell-Everett Highway during advancement of MW-8, at concentrations ranging from 1.8 mg/kg to 45 mg/kg. These concentrations are below the MTCA Method A cleanup level.

The MTCA Method A cleanup level for PCE in groundwater (5 ug/L) has been exceeded in MW-3 and MW-4 during all three groundwater sampling events, at concentrations ranging from 6.5 ug/L to 9.3 ug/L (MW-3) and 110 ug/L to 170 ug/L (MW-4). These two wells are located immediately adjacent to the dry cleaning tenant spaces. The Method A cleanup level for PCE in groundwater was exceeded in MW-8 (22 ug/L) during a single sampling event.

5.0 FINDINGS AND DISCUSSION

Terracon has completed a supplemental limited site investigation for the Marketplace Retail Center. The objectives of this project were to complete an additional evaluation of subsurface soil and groundwater conditions to further evaluate 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. The scope of work was additionally developed in an effort to gain a better understanding of site specific groundwater flow directions. Four hollow-stem auger explorations were completed at offsite locations, three on the west side of the Bothell-Everett Highway, and one on the east side of the Bothell-Everett Highway. Each of the four borings was converted to groundwater monitoring wells. The findings of this report are as follows:

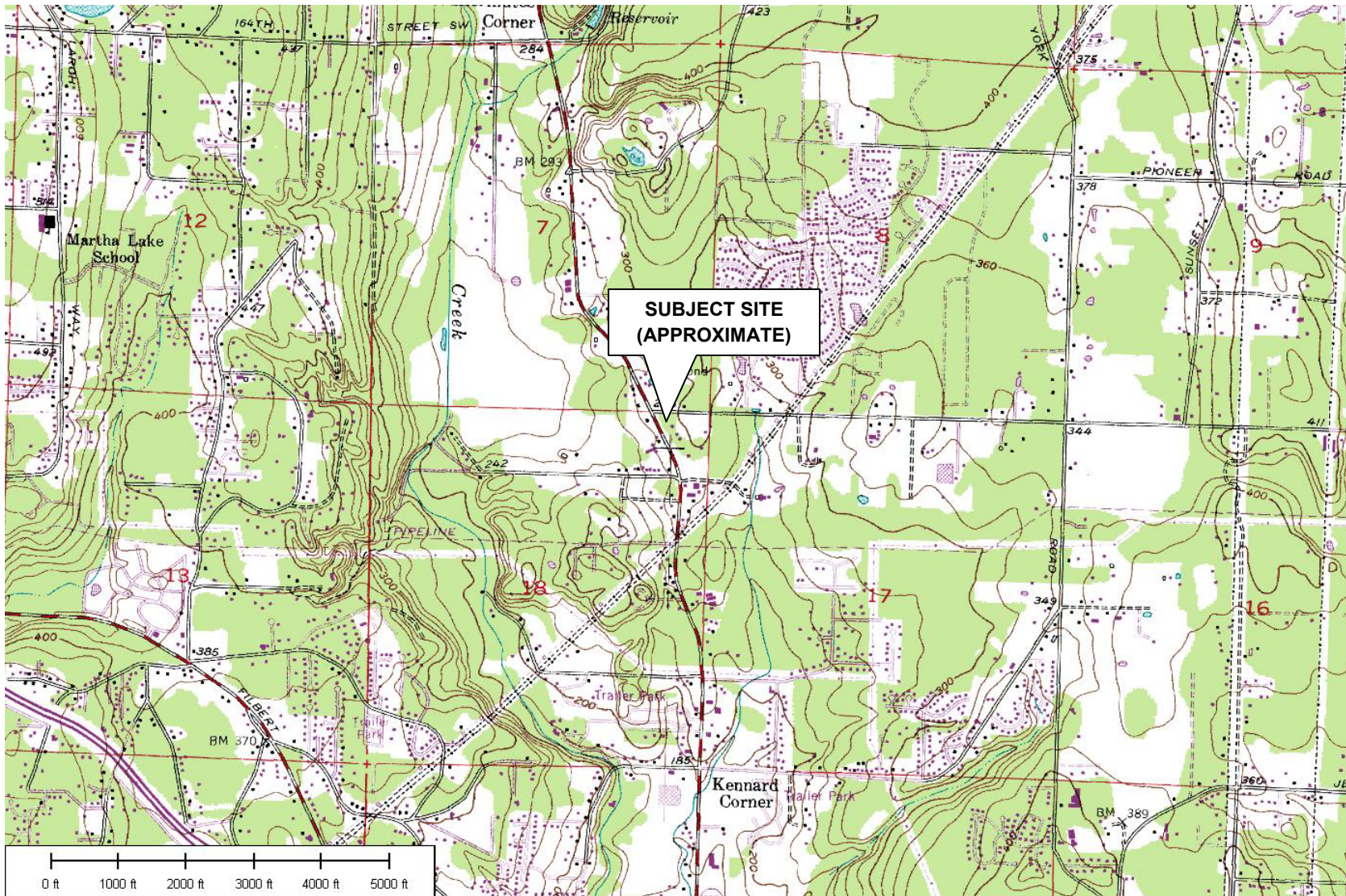
- The uppermost water table lies at a depth of approximately 15 to 26 feet beneath the ground surface, and groundwater flows in a southerly to south-southeasterly direction. Groundwater appears to be in an aerobic condition. The measured groundwater flow direction on the southwest part of the site (south to south-southeast) is inconsistent with measured groundwater flow direction at the Plaid Pantry on the northwest part of the site (west-southwest) and regional groundwater flow directions, and suggests that a groundwater flow divide may exist between the southwest part of the site and the Plaid Pantry.

- Groundwater elevations measured during the most recent sampling event suggest that MW-8 is down gradient of the current and former dry cleaner tenant spaces.
- Where detected above laboratory RDLs, the measured concentrations of PCE (1.3 ug/kg to 45 ug/kg) in soil at offsite borings are relatively low. None of the 27 soil samples analyzed for this investigation exceed MTCA Method A soil cleanup levels with respect to PCE (50 ug/kg). PCE degradation products (TCE, DCE, and vinyl chloride) were not detected in any of the soil samples.
- The reported concentration of PCE during the most recent sampling event (9.3 ug/L and 110 ug/L) exceeds MTCA Method A cleanup levels (5 ug/L) in two of the monitoring wells installed near the current and former dry cleaning tenant spaces (MW-3 and MW-4). The reported concentration of PCE in the down gradient well (MW-8, 22 ug/L) also exceeds the cleanup level. PCE was not detected, or was detected in concentrations below MTCA Method A cleanup levels in all of the other wells. TCE and cis-1,2-DCE were detected in MW-1 during the 2010 sampling event, but in concentrations below MTCA cleanup levels. Benzene was detected in MW-5, and chloroform were detected in MW-1 and MW-7, but in concentrations below MTCA cleanup levels. No other VOC were detected in groundwater.
- Based on these results, the PCE plume that is documented to exist beneath the southwest part of the property does not appear to extend in a westerly or southwesterly direction across the Bothell-Everett Highway, but does appear to extend in a southerly direction offsite to MW-8.
- Three rounds of groundwater sampling have been completed for the four wells located on the site (MW-1 to MW-4). PCE has not been detected in MW-2, and has remained relatively constant or declined in MW-1, MW-3 and MW-4. Based on these results, the concentration of PCE in groundwater appears to be declining at the site.

6.0 RECOMMENDATIONS

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, along with our 2009 report, be forwarded to Ecology, and that the site be enrolled in the Voluntary Cleanup Program. Following enrollment, it is our opinion that it would be prudent to meet with Ecology to discuss regulatory requirements going forward.

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.



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



Sources: Seattle 2009, Aerials Express, 0.3 meter pixels
Snohomish County Assessor GIS
Terracon Field Measurements
Limited Site Investigation, prepared by Terracon, 2009



Project Mng'r:	JME
Drawn By:	CDF
Checked By:	JME
Approved By:	JME

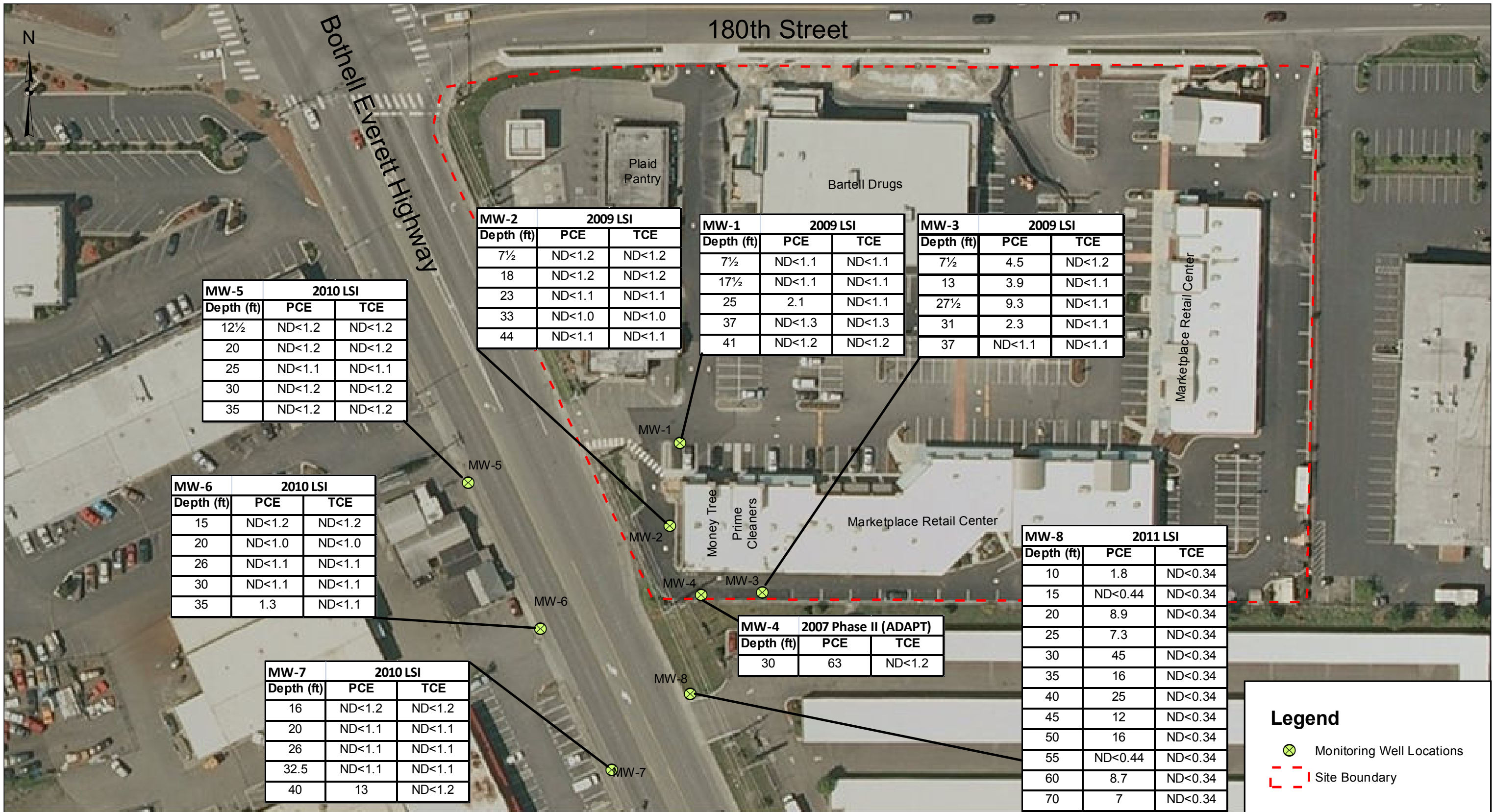
Project No.	81097016A
Scale:	AS SHOWN
File No.	Figure2 SandE.mxd
Date:	May 2011

Terracon
Consulting Engineers and Scientists

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SITE AND EXPLORATION PLAN
Marketplace Retail Center SR-527 and 180th Street SE Mill Creek, Snohomish County, Washington

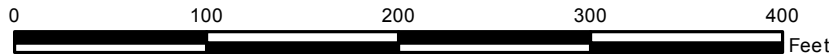
FIG. No.
2



Sources: Seattle 2009, Aerials Express, 0.3 meter pixels
Snohomish County Assessor GIS
Terracon Field Measurements
Limited Phase II ESA, prepared by Adapt Engineering, 2007
Limited Site Investigation, prepared by Terracon, 2009

Units: All laboratory data is presented in ug/kg (micrograms per kilogram),
ND> (not detected above indicated laboratory minimum reporting level)

APPROXIMATE SCALE



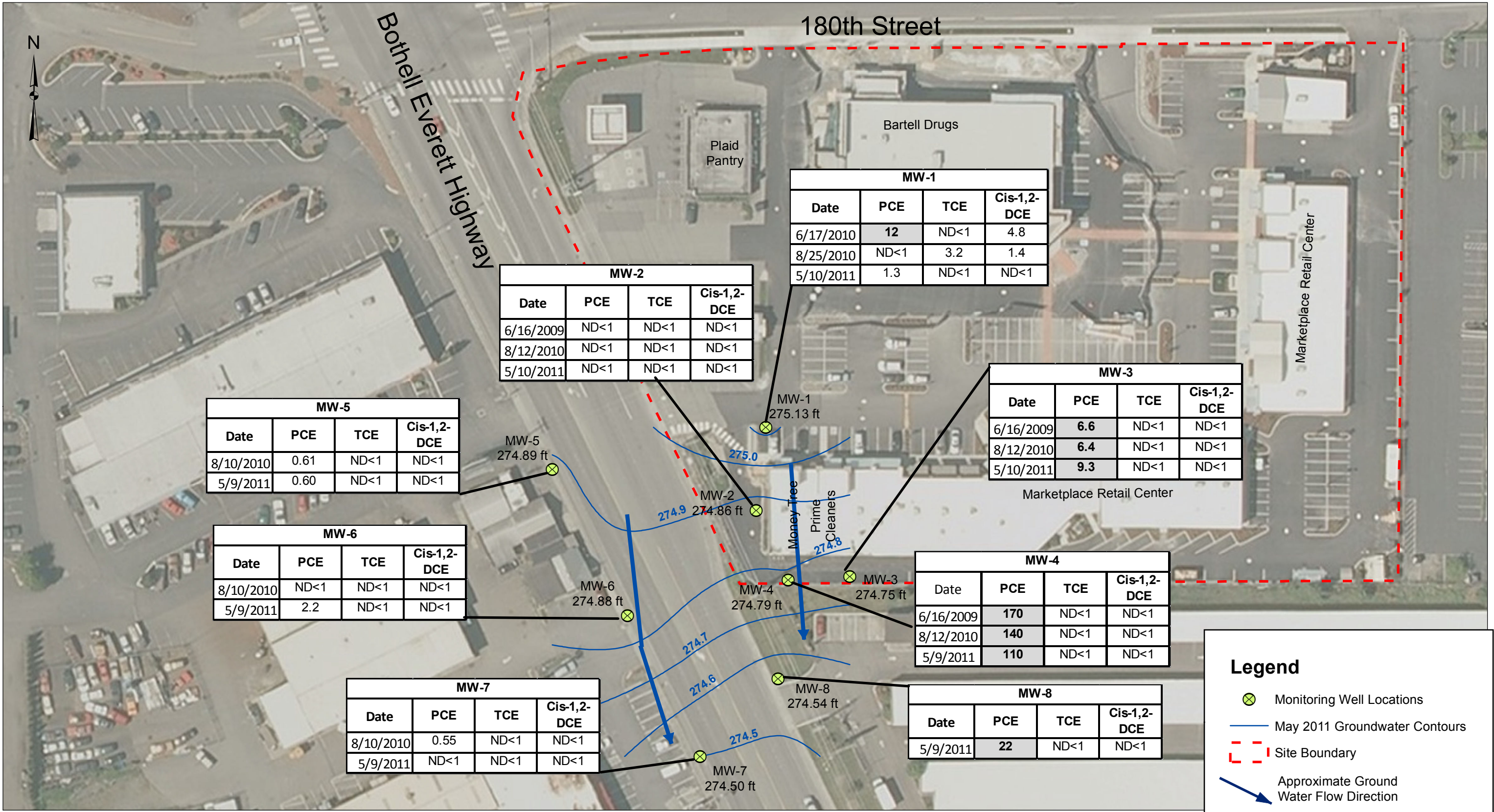
Project Mgr:	JME
Drawn By:	CDF
Checked By:	JME
Approved By:	JME

Project No.	81097016A
Scale:	AS SHOWN
File No.	Figure3 Soil Analytical.mxd
Date:	May 2011

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SOIL ANALYTICAL RESULTS
Marketplace Retail Center SR-527 and 180th Street SE Mill Creek, Snohomish County, Washington

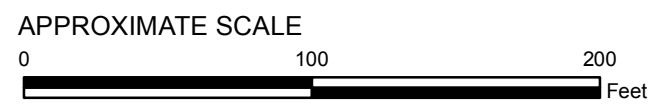
FIG. No.
3



Sources: Seattle 2009, Aerials Express, 0.3 meter pixels
Snohomish County Assessor GIS
Terracon Field Measurements
Limited Site Investigation, prepared by Terracon, 2009

Shaded values exceed the MTCA Method A cleanup level (5 ug/L)

Units: All laboratory data is presented in ug/L (micrograms per liter),
ND> (not detected above indicated laboratory minimum reporting level)



Project Mngr:	JME	Project No.	81097016A
Drawn By:	CDF	Scale:	AS SHOWN
Checked By:	JME	File No.	Figure4B GW May 2011.mxd
Approved By:	JME	Date:	May 2011

Consulting Engineers and Scientists

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GROUNDWATER ANALYTICAL RESULTS	
Marketplace Retail Center SR-527 and 180th Street SE Mill Creek, Snohomish County, Washington	

APPENDIX B

Exploration Logs

LOG OF BORING NO. MW-5

Page 1 of 2

CLIENT		Mill Creek Crossing, LLC								
SITE		SR-527 & 180th Street SE Mill Creek, Washington								
		PROJECT								
		Marketplace Retail Center								
GRAPHIC LOG	DESCRIPTION	WELL DETAIL	DEPTH, ft.	USCS SYMBOL	SAMPLES			TESTS		
					NUMBER	TYPE	RECOVERY, in.	SPT-N BLOWS / ft.	WATER CONTENT, %	DRY UNIT WT pcf
	0.4 5" Concrete									
	<u>SAND</u> , with silt and gravel, brown, medium dense to dense, moist (FILL)									
	5		5							
	<u>SILTY FINE SAND</u> , with gravel, gray-brown, very dense, moist									
			10	SM S-1A	SS	0	50/3"			
				SM	S-1	SS	16	120		
	15		15							
	<u>SILTY GRAVELLY SAND</u> , trace cobbles, gray-brown, very dense, moist, slight iron oxide staining									
	grades to wet to saturated at 18 feet			SM S-2A	SS	0	75/2"			
				SM S-2B	SS	3	75/6"			
	20		20							
Continued Next Page										

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	18	WD	
WL		WD	
WL		WD	

Terracon

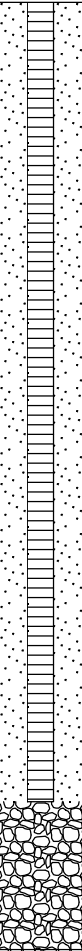
21905 64th Avenue West Suite 100
Mountlake Terrace, Washington 98043
T: 425-771-3304 F: 425-771-3549

BORING STARTED		7-12-10	
BORING COMPLETED		7-13-10	
RIG	Mobile B-61	CO.	Env. Drilling
LOGGED	JPG	JOB #	81097016A

TC WELL 81097016A BORING LOGS, MW5-7.7-13-10.GPJ TERRACON.GDT 8/20/10

LOG OF BORING NO. MW-5

Page 2 of 2

CLIENT		Mill Creek Crossing, LLC									
SITE		SR-527 & 180th Street SE Mill Creek, Washington									
		PROJECT									
		Marketplace Retail Center									
GRAPHIC LOG	DESCRIPTION	WELL DETAIL	DEPTH, ft.	USCS SYMBOL	SAMPLES			TESTS			
					NUMBER	TYPE	RECOVERY, in.	SPT-N BLOWS / ft.	WATER CONTENT, %	DRY UNIT WT pcf	
	SILTY GRAVELLY SAND , gray-brown, very dense, wet to saturated, slight iron oxide staining			SM	S-2	SS	9	75/5"			
	23.5		GRAVELLY SAND , with silt, trace cobbles, gray, very dense, wet to saturated	25	SP SM	S-3	SS	5	75/6"		
	29		SILTY SAND , trace gravel, gray, very dense, wet to saturated	30	SM	S-4	SS	9	63/6"		

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	18	WD	
WL		WD	
WL		WD	

Terracon

21905 64th Avenue West Suite 100
Mountlake Terrace, Washington 98043
T: 425-771-3304 F: 425-771-3549

BORING STARTED		7-12-10	
BORING COMPLETED		7-13-10	
RIG	Mobile B-61	CO.	Env. Drilling
LOGGED	JPG	JOB #	81097016A

LOG OF BORING NO. MW-6

Page 1 of 2

CLIENT

Mill Creek Crossing, LLC

SITE

SR-527 & 180th Street SE
Mill Creek, Washington

PROJECT

Marketplace Retail Center

GRAPHIC LOG	DESCRIPTION	WELL DETAIL	DEPTH, ft.	USCS SYMBOL	SAMPLES				TESTS	
					NUMBER	TYPE	RECOVERY, in.	SPT-N BLOWS / ft.	WATER CONTENT, %	DRY UNIT WT pcf
0.4	5" Concrete									
	<u>SILTY SAND</u> , with gravel, brown, medium dense to dense, moist (FILL)									
5			5							
	<u>SANDY GRAVEL</u> , with silt, gray-brown, very dense, moist									
13			10							
	<u>FINE SANDY SILT</u> , gray, hard, moist									
15.5			15	ML SM	S-1	SS	13	50/5"		
	<u>SILTY GRAVELLY SAND</u> , trace cobbles, gray-brown, very dense, moist, slight iron oxide mottling									
	Cobble/boulder at 18 feet									
19.5			20							

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	18	WD	
WL		WD	
WL		WD	

Terracon

21905 64th Avenue West Suite 100
Mountlake Terrace, Washington 98043
T: 425-771-3304 F: 425-771-3549

BORING STARTED 7-13-10

BORING COMPLETED 7-13-10

RIG Mobile B-61 CO. Env. Drilling

LOGGED JPG JOB # 81097016A

TC WELL 81097016A BORING LOGS, MW5-7.7-13-10.GPJ TERRACON.GDT 8/20/10

LOG OF BORING NO. MW-6

Page 2 of 2

CLIENT		Mill Creek Crossing, LLC							
SITE		SR-527 & 180th Street SE Mill Creek, Washington							
		PROJECT							
		Marketplace Retail Center							
GRAPHIC LOG	DESCRIPTION	WELL DETAIL	DEPTH, ft.	USCS SYMBOL	SAMPLES			TESTS	
					NUMBER	TYPE	RECOVERY, in.	SPT-N BLOWS / ft.	WATER CONTENT, %
	<u>FINE SANDY SILT</u> , gray, hard, wet to saturated			ML	S-2	SS	10	77/6"	
	23								
	<u>SILTY GRAVELLY SAND</u> , with cobbles, gray, very dense, wet to saturated								
			25	SM	S-3A	SS	0	80/3"	
				SM	S-3	SS	6	77/6"	
			30	SM	S-4	SS	6	80/6"	
	33								
	<u>GRAVELLY SAND</u> , with silt, gray, very dense, wet to saturated								
			35	SP SM	S-5	SS	6	75/3"	
	Groundwater observed at approximately 18 feet while drilling. Approximately 2.5 feet of heave encountered while setting monitoring well. Well Tag # BCB 678								

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	18	WD	
WL		WD	
WL		WD	

Terracon

21905 64th Avenue West Suite 100
Mountlake Terrace, Washington 98043
T: 425-771-3304 F: 425-771-3549

BORING STARTED		7-13-10	
BORING COMPLETED		7-13-10	
RIG	Mobile B-61	CO.	Env. Drilling
LOGGED	JPG	JOB #	81097016A

LOG OF BORING NO. MW-7

Page 1 of 3

CLIENT

Mill Creek Crossing, LLC

SITE

SR-527 & 180th Street SE
Mill Creek, Washington

PROJECT

Marketplace Retail Center

GRAPHIC LOG	DESCRIPTION	WELL DETAIL	DEPTH, ft.	USCS SYMBOL	SAMPLES				TESTS		
					NUMBER	TYPE	RECOVERY, in.	SPT-N BLOWS / ft.	WATER CONTENT, %	DRY UNIT WT pcf	
0.5	6" Concrete										
	<u>SILTY SAND</u> , with gravel, trace cobbles and asphalt, brown, medium dense to dense, moist (FILL)										
4.5	<u>GRAVELLY SAND</u> , with silt, gray-brown, very dense, moist		5								
			10								
			15								
				SP S-1A SM	SS		3	80/6"			
16.5	<u>SILTY SAND</u> , gray-brown, very dense, wet to saturated, slight iron oxide staining.			SP S-1 SM SM	SS		15	92			
19	<u>SILTY SAND</u> , with gravel, gray, very dense, wet to saturated		20								

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	▽ 17.5	WD	▽
WL	▽		▽
WL			

Terracon

21905 64th Avenue West Suite 100
Mountlake Terrace, Washington 98043
T: 425-771-3304 F: 425-771-3549

BORING STARTED 7-13-10

BORING COMPLETED 7-13-10

RIG Mobile B-61 CO. Env. Drilling

LOGGED JPG JOB # 81097016A

TC WELL 81097016A BORING LOGS MW5-7 7-13-10 GPJ TERRACON GDT 8/20/10

Page 2 of 3

Marketplace Retail Center

Continued Next Page

LOGGED	JPG	JOB #	81097016A
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TC_WELL 81097016A,BORING LOGS, MW5-7,7-13-10.GPJ TERRACON.GDT 8/20/10

LOG OF BORING NO. MW-7

Page 3 of 3

CLIENT		Mill Creek Crossing, LLC									
SITE		SR-527 & 180th Street SE Mill Creek, Washington									
		PROJECT									
		Marketplace Retail Center									
GRAPHIC LOG	DESCRIPTION	WELL DETAIL	DEPTH, ft.	USCS SYMBOL	SAMPLES				TESTS		
					NUMBER	TYPE	RECOVERY, in.	SPT-N BLOWS / ft.	WATER CONTENT, %	DRY UNIT WT pcf	
	41			SP	S-5	SS	14	50/6"			
				SM							
				ML							
	41.5										
	SILT, with sand, gray, hard, wet to saturated Groundwater observed at approximately 17.5 feet while drilling. Well Tag # BCB 679										

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	▽ 17.5	WD	▼
WL	▽		▼
WL			

Terracon

21905 64th Avenue West Suite 100
Mountlake Terrace, Washington 98043
T: 425-771-3304 F: 425-771-3549

BORING STARTED		7-13-10	
BORING COMPLETED		7-13-10	
RIG	Mobile B-61	CO.	Env. Drilling
LOGGED	JPG	JOB #	81097016A

LOG OF BORING NO. MW-8

Page 1 of 4

CLIENT		Mill Creek Crossing, LLC										
SITE		SR 527 & 180th Street SE Mill Creek, Washington										
PROJECT		Marketplace Retail Center										
GRAPHIC LOG	DESCRIPTION	WELL DETAIL	DEPTH, ft.	USCS SYMBOL	SAMPLES				TESTS			
					NUMBER	TYPE	RECOVERY, in.	SPT-N BLOWS / ft.	WATER CONTENT, %	UNCONFINED STRENGTH, psf	FIELD VAPOR TEST (PPM)*	Time Sampled
	Borehole Diameter: Well Diameter:	9 in 2 in										
	Grass over SILTY GRAVELLY SAND , trace cobbles, brownish gray, medium dense, moist to wet (Probable Fill)											
	7.5 SILTY SAND , brownish tan, dense, wet (Glacial Outwash)											
			5									
			10	SM	S1	SS	16	42				0737
			15	SM	S2	SS	6	50/5"				0750
			20									

Continued Next Page

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

* ND indicates a reading of less than the field detection limit (FDL) of one (1) part per million isobutylene equivalents (ppmi).

WATER LEVEL OBSERVATIONS, ft

WL	20	WD	
WL		WD	
WL		WD	

Terracon

21905 64th Avenue West Suite 100
Mountlake Terrace, Washington 98043
T: 425-771-3304 F: 425-771-3549

BORING STARTED	4-26-11
BORING COMPLETED	4-26-11
RIG	Track
LOGGED	CDF
CO.	Holocene
JOB #	81097016A

TC WELL 81097016A, MW-8, BORING LOG, 4-26-2011.GPJ TERRACON.GDT 4/26/11

LOG OF BORING NO. MW-8

Page 2 of 4

CLIENT		Mill Creek Crossing, LLC										
SITE		SR 527 & 180th Street SE Mill Creek, Washington										
		PROJECT										
		Marketplace Retail Center										
GRAPHIC LOG	DESCRIPTION	WELL DETAIL	DEPTH, ft.	USCS SYMBOL	SAMPLES				TESTS			
					NUMBER	TYPE	RECOVERY, in.	SPT-N BLOWS / ft.	WATER CONTENT, %	UNCONFINED STRENGTH, psf	FIELD VAPOR TEST (PPM)*	Time Sampled
	<u>SILTY SAND</u> , trace gravel, tan, very dense, saturated (Glacial Outwash)			SM	S3	SS	16	59				0757
			25	SM	S4	SS	4	50/3"				0802
28	<u>SAND</u> , with silt and gravel, brown, very dense, saturated (Glacial Outwash)		30	SW	S5	SS	8	50/4"				0815
	Grades to trace silt and dense		35	SW	S6	SS	15	42				0830
40			40									
Continued Next Page												

Continued Next Page

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

* ND indicates a reading of less than the field detection limit (FDL) of one (1) part per million isobutylene equivalents (ppmi).

WATER LEVEL OBSERVATIONS, ft

WL	20	WD	
WL		WD	
WL		WD	

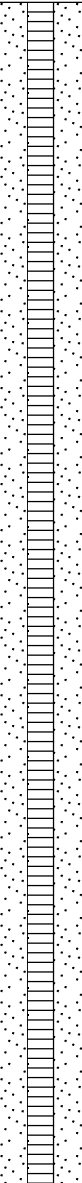
Terracon

21905 64th Avenue West Suite 100
Mountlake Terrace, Washington 98043
T: 425-771-3304 F: 425-771-3549

BORING STARTED		4-26-11	
BORING COMPLETED		4-26-11	
RIG	Track	CO.	Holocene
LOGGED	CDF	JOB #	81097016A

LOG OF BORING NO. MW-8

Page 3 of 4

CLIENT		Mill Creek Crossing, LLC										
SITE		SR 527 & 180th Street SE Mill Creek, Washington										
		PROJECT										
		Marketplace Retail Center										
GRAPHIC LOG	DESCRIPTION	WELL DETAIL	DEPTH, ft.	USCS SYMBOL	SAMPLES			TESTS				
					NUMBER	TYPE	RECOVERY, in.	SPT-N BLOWS / ft.	WATER CONTENT, %	UNCONFINED STRENGTH, psf	FIELD VAPOR TEST (PPM)*	Time Sampled
	<u>SAND</u> , with gravel, trace silt and cobbles, brown, very dense, saturated (Glacial Outwash)			SW	S7	SS	6	50/6"				0843
			45	SW	S8	SS	17	50/5"				0853

Continued Next Page

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

* ND indicates a reading of less than the field detection limit (FDL) of one (1) part per million isobutylene equivalents (ppmi).

WATER LEVEL OBSERVATIONS, ft

WL	20	WD	
WL		WD	
WL		WD	

Terracon

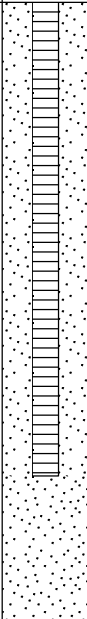
21905 64th Avenue West Suite 100
Mountlake Terrace, Washington 98043
T: 425-771-3304 F: 425-771-3549

BORING STARTED		4-26-11	
BORING COMPLETED		4-26-11	
RIG	Track	CO.	Holocene
LOGGED	CDF	JOB #	81097016A

TC WELL 81097016A, MW-8, BORING LOG, 4-26-2011.GPJ TERRACON.GDT 4/26/11

LOG OF BORING NO. MW-8

Page 4 of 4

CLIENT		Mill Creek Crossing, LLC										
SITE		SR 527 & 180th Street SE Mill Creek, Washington		PROJECT Marketplace Retail Center								
GRAPHIC LOG	DESCRIPTION	WELL DETAIL	DEPTH, ft.	USCS SYMBOL	SAMPLES				TESTS			
					NUMBER	TYPE	RECOVERY, in.	SPT-N BLOWS / ft.	WATER CONTENT, %	UNCONFINED STRENGTH, psf	FIELD VAPOR TEST (PPM)*	Time Sampled
	<u>SILTY SAND</u> , trace gravel, brown to brownish-gray, very dense, saturated (Glacial Outwash)		65	SM	S11	SS	10	50/4"				0959
						</						

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

* ND indicates a reading of less than the field detection limit (FDL) of one (1) part per million isobutylene equivalents (ppmi).

WATER LEVEL OBSERVATIONS, ft

WL	20	WD	
WL		WD	
WL		WD	

Terracon

21905 64th Avenue West Suite 100
Mountlake Terrace, Washington 98043
T: 425-771-3304 F: 425-771-3549

BORING STARTED		4-26-11	
BORING COMPLETED		4-26-11	
RIG	Track	CO.	Holocene
LOGGED	CDF	JOB #	81097016A

APPENDIX C

Laboratory Data Sheets

Terracon- Lynnwood, WA 21905 64th Ave W Ste 100 Mountlake Terrace, WA 98043				Billing information: Eileen Osborne 21905 64th Ave W Ste 100 Mountlake Terrace, WA 98043				Analysis/Container/Preservative TS 4ozClr-NoPres V8260 40ml/NaHSO4/Syr/MeOH V8260 40mlAmb-HCl V8260- Trip Blank 40mlAmb-HCl-Blk VOC Screen 2ozClr-NoPres				D195 of Custody Page <u>1</u> of <u>2</u> ESC L-A-B S-C-I-E-N-C-E-S 12065 Lebanon Road Mt. Juliet, TN 37122 Phone: (800) 767-5859 Phone: (615) 758-5858 Fax: (615) 758-5859			
Report to: Jon Einarsen				Email: jmeinarsen@terracon.com											
Project Description: Marketplace Retail Center				City/State Collected: Snohomish County, Washington		Lab Project #: TERRLWA-81097016A									
Phone: (425) 771-3304 FAX: (425) 771-3549		Client Project #: 81097016A		Site/Facility ID#:		P.O.#: 81097016A									
Collected by (print): James P. Georgis		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							
Packed on Ice N ☐ Y ☒															
Sample ID		Comp/Grab	Matrix*	Depth	Date	Time									
MW-5 S-1	G	SS	12.5'	7/12/10	4:15 PM	5	X	X		X					
MW-5 S-2	G	SS	20'	7/12/10	10:00 PM	5	X	X		X					
MW-5 S-3	G	SS	25'	7/12/10	10:20 PM	5	X	X		X					
MW-5 S-4	G	SS	30'	7/12/10	10:35 PM	5	X	X		X					
MW-6 S-1	G	SS	15'	7/13/10	12:50 AM	5	X	X		X					
MW-6 S-2	G	SS	20'	7/13/10	1:15 AM	5	X	X		X					
MW-6 S-3	G	SS	26'	7/13/10	1:25 AM	5	X	X		X					
MW-6 S-4	G	SS	30'	7/13/10	1:45 AM	5	X	X		X					
MW-6 S-5	G	SS	35'	7/13/10	2:00 AM	5	X	X		X					

Acctnum: **TERRLWA** (lab use only)
 Template/Prelogin: **T65830/ P326053**
 Cooler #: **7-8 KLD**
 Shipped Via: **FedEX Saver**

Remarks/Contaminant Sample # (lab only)

L46900201
 02
 03
 04
 05
 06
 07
 08
 09

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

pH _____ Temp _____

Remarks:

Flow _____ Other _____

Relinquished by: (Signature)		Date: 7/14/10	Time: 3:00 PM	Received by: (Signature)	Samples returned via: ☒ FedEx ☐ UPS	Condition: (lab use only) OK
Relinquished by: (Signature)		Date:	Time:	Received by: (Signature)	Temp: 76.6° Bottles Received: 75	COC Seal Intact: ☒ Y ☐ N ☐ NA
Relinquished by: (Signature)		Date:	Time:	Received for lab by: (Signature)	Date: 7/15/10 Time: 0900	pH Checked: NCF:

43559303 5251

Terracon- Lynnwood, WA 21905 64th Ave W Ste 100 Mountlake Terrace, WA 98043				Billing information: Eileen Osborne 21905 64th Ave W Ste 100 Mountlake Terrace, WA 98043				Analysis/Container/Preservative						Chain of Custody Page <u>2</u> of <u>2</u> ESC L.A.B S.C.I.E.N.C.E.S 12065 Lebanon Road Mt. Juliet, TN 37122 Phone: (800) 767-5859 Phone: (615) 758-5858 Fax: (615) 758-5859	
Report to: Jon Einarsen				Email: jmeinarsen@terracon.com				TS 4ozClr-NoPres V8260 40ml/NaHSO4/Syr/MeOH V8260 40mlAmb-HCl V8260- Trip Blank 40mlAmb-HCl-Blk VOC Screen 2ozClr-NoPres						Acctnum: TERRLWA (lab use only) Template/Prelogin: T65830/ P326053 Cooler #: 7-8 KW Shipped Via: FedEX Saver	
Project Description: Marketplace Retail Center				City/State Collected: Shoemish County, Washington		Lab Project #: TERRLWA-81097016A									
Phone: (425) 771-3304 FAX: (425) 771-3549		Client Project #: 81097016A		Site/Facility ID#:		P.O.#: 81097016A									
Collected by (print): James A. Georgis		Rush? (Lab MUST Be Notified)		Date Results Needed		No. of Cntrs									
Collected by (signature): <i>James P. Georgis</i>		Same Day 200% Next Day 100% Two Day 50% Three Day 25%		Email? ☐ No ☒ Yes FAX? ☐ No ☐ Yes											
Packed on Ice N ☐ Y ☒															
Sample ID		Comp/Grab	Matrix*	Depth	Date	Time						Remarks/Contaminant	Sample # (lab only)		
MW-7 5-1	G	SS	16'	7/13/10	9:20 P.M.	5	X	X			X		469002	-10	
MW-7 5-2	G	SS	20'	7/13/10	9:50 P.M.	5	X	X			X			φ1	
MW-7 5-3	G	SS	26'	7/13/10	10:10 P.M.	5	X	X			X			-12	
MW-7 5-4	G	SS	32.5'	7/13/10	10:50 P.M.	5	X	X			X			-13	
MW-7 5-5	G	SS	40'	7/13/10	11:20 P.M.	5	X	X			X			-14	
TRIP-BLANK	G	SS	40'	7/13/10	11:20 P.M.	5	X	X			X				
MW-5 5-5	G	SS	35'	7/12/10	10:50 P.M.	5	X	X			X			-15	

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

pH _____ Temp _____

Remarks:

Flow _____ Other _____

Relinquished by: (Signature) <i>James P. Georgis</i>	Date: 7/14/10	Time: 3:00 PM	Received by: (Signature) <i>[Signature]</i>	Samples returned via: ☒ UPS ☒ FedEx ☐ Courier ☐	Condition: (lab use only) <i>OK</i>
Relinquished by: (Signature) <i>[Signature]</i>	Date:	Time:	Received by: (Signature) <i>[Signature]</i>	Temp: 2.6°C Bottles Received: 75	COC Seal Intact: ☐ Y ☐ N ☐ NA
Relinquished by: (Signature) <i>[Signature]</i>	Date:	Time:	Received for lab by: (Signature) <i>Ken W...</i>	Date: 7/15/10 Time: 0900	pH Checked: _____ NCF: _____

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

Report Summary

Monday July 26, 2010

Report Number: L469002

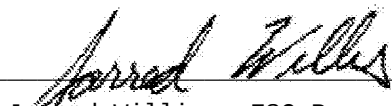
Samples Received: 07/15/10

Client Project: 81097016A

Description: Marketplace Retail Center

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

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, NV - TN000032008A

Accreditation is only applicable to the test methods specified on each scope of accreditation held by ESC Lab Sciences.

Note: The use of the preparatory EPA Method 3511 is not approved or endorsed by the CA ELAP.

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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

REPORT OF ANALYSIS

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

July 26, 2010

Date Received : July 15, 2010
Description : Marketplace Retail Center

Sample ID : MW-5 S-1 12.5 FT

Collected By : James Georgia
Collection Date : 07/12/10 21:15

ESC Sample # : L469002-01

Site ID :

Project # : 81097016A

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	83.3			%		2540G	07/19/10	1
Volatile Organics								
Acetone	U	0.010	0.060	mg/kg		8260B	07/19/10	1
Acrylonitrile	U	0.0026	0.012	mg/kg		8260B	07/19/10	1
Benzene	U	0.00042	0.0012	mg/kg		8260B	07/19/10	1
Bromobenzene	U	0.00030	0.0012	mg/kg		8260B	07/19/10	1
Bromodichloromethane	U	0.00034	0.0012	mg/kg		8260B	07/19/10	1
Bromoform	U	0.00033	0.0012	mg/kg		8260B	07/19/10	1
Bromomethane	U	0.0016	0.0060	mg/kg		8260B	07/19/10	1
n-Butylbenzene	U	0.00034	0.0012	mg/kg		8260B	07/19/10	1
sec-Butylbenzene	U	0.00031	0.0012	mg/kg		8260B	07/19/10	1
tert-Butylbenzene	U	0.00027	0.0012	mg/kg		8260B	07/19/10	1
Carbon tetrachloride	U	0.00042	0.0012	mg/kg		8260B	07/19/10	1
Chlorobenzene	U	0.00033	0.0012	mg/kg		8260B	07/19/10	1
Chlorodibromomethane	U	0.00031	0.0012	mg/kg		8260B	07/19/10	1
Chloroethane	U	0.0020	0.0060	mg/kg		8260B	07/19/10	1
2-Chloroethyl vinyl ether	U	0.018	0.060	mg/kg		8260B	07/19/10	1
Chloroform	U	0.00043	0.0060	mg/kg		8260B	07/19/10	1
Chloromethane	U	0.0010	0.0012	mg/kg		8260B	07/19/10	1
2-Chlorotoluene	U	0.00032	0.0012	mg/kg		8260B	07/19/10	1
4-Chlorotoluene	U	0.00030	0.0012	mg/kg		8260B	07/19/10	1
1,2-Dibromo-3-Chloropropane	U	0.0011	0.0060	mg/kg		8260B	07/19/10	1
1,2-Dibromoethane	U	0.00031	0.0012	mg/kg		8260B	07/19/10	1
Dibromomethane	U	0.00045	0.0012	mg/kg		8260B	07/19/10	1
1,2-Dichlorobenzene	U	0.00031	0.0012	mg/kg		8260B	07/19/10	1
1,3-Dichlorobenzene	U	0.00029	0.0012	mg/kg		8260B	07/19/10	1
1,4-Dichlorobenzene	U	0.00035	0.0012	mg/kg		8260B	07/19/10	1
Dichlorodifluoromethane	U	0.00043	0.0060	mg/kg		8260B	07/19/10	1
1,1-Dichloroethane	U	0.00043	0.0012	mg/kg		8260B	07/19/10	1
1,2-Dichloroethane	U	0.00038	0.0012	mg/kg		8260B	07/19/10	1
1,1-Dichloroethene	U	0.00053	0.0012	mg/kg		8260B	07/19/10	1
cis-1,2-Dichloroethene	U	0.00051	0.0012	mg/kg		8260B	07/19/10	1
trans-1,2-Dichloroethene	U	0.00042	0.0012	mg/kg		8260B	07/19/10	1
1,2-Dichloropropane	U	0.00060	0.0012	mg/kg		8260B	07/19/10	1
1,1-Dichloropropene	U	0.00034	0.0012	mg/kg		8260B	07/19/10	1
1,3-Dichloropropane	U	0.00038	0.0012	mg/kg		8260B	07/19/10	1
cis-1,3-Dichloropropene	U	0.00030	0.0012	mg/kg		8260B	07/19/10	1
trans-1,3-Dichloropropene	U	0.00040	0.0012	mg/kg		8260B	07/19/10	1
2,2-Dichloropropane	U	0.00036	0.0012	mg/kg		8260B	07/19/10	1
Di-isopropyl ether	U	0.00036	0.0012	mg/kg		8260B	07/19/10	1
Ethylbenzene	U	0.00032	0.0012	mg/kg		8260B	07/19/10	1
Hexachloro-1,3-butadiene	U	0.00035	0.0012	mg/kg		8260B	07/19/10	1

Results listed are dry weight basis.

U = ND (Not Detected)

MDL = Minimum Detection Limit = LOD

RDL = Reported Detection Limit = LOQ = PQL = EQL

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Est. 1970

REPORT OF ANALYSIS

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

July 26, 2010

Date Received : July 15, 2010
Description : Marketplace Retail Center

Sample ID : MW-5 S-1 12.5 FT

Collected By : James Georgia
Collection Date : 07/12/10 21:15

ESC Sample # : L469002-01

Site ID :

Project # : 81097016A

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Isopropylbenzene	U	0.00033	0.0012	mg/kg		8260B	07/19/10	1
p-Isopropyltoluene	U	0.00031	0.0012	mg/kg		8260B	07/19/10	1
2-Butanone (MEK)	U	0.0043	0.012	mg/kg		8260B	07/19/10	1
Methylene Chloride	U	0.00049	0.0060	mg/kg		8260B	07/19/10	1
4-Methyl-2-pentanone (MIBK)	U	0.0023	0.012	mg/kg		8260B	07/19/10	1
Methyl tert-butyl ether	U	0.00036	0.0012	mg/kg		8260B	07/19/10	1
Naphthalene	U	0.00028	0.0060	mg/kg		8260B	07/19/10	1
n-Propylbenzene	U	0.00032	0.0012	mg/kg		8260B	07/19/10	1
Styrene	U	0.00024	0.0012	mg/kg		8260B	07/19/10	1
1,1,1,2-Tetrachloroethane	U	0.00041	0.0012	mg/kg		8260B	07/19/10	1
1,1,2,2-Tetrachloroethane	U	0.00029	0.0012	mg/kg		8260B	07/19/10	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.00085	0.0012	mg/kg		8260B	07/19/10	1
Tetrachloroethene	U	0.00044	0.0012	mg/kg		8260B	07/19/10	1
Toluene	U	0.00033	0.0060	mg/kg		8260B	07/19/10	1
1,2,3-Trichlorobenzene	U	0.00030	0.0012	mg/kg		8260B	07/19/10	1
1,2,4-Trichlorobenzene	U	0.00038	0.0012	mg/kg		8260B	07/19/10	1
1,1,1-Trichloroethane	U	0.00047	0.0012	mg/kg		8260B	07/19/10	1
1,1,2-Trichloroethane	U	0.00054	0.0012	mg/kg		8260B	07/19/10	1
Trichloroethene	U	0.00034	0.0012	mg/kg		8260B	07/19/10	1
Trichlorofluoromethane	U	0.00070	0.0060	mg/kg		8260B	07/19/10	1
1,2,3-Trichloropropane	U	0.00068	0.0012	mg/kg		8260B	07/19/10	1
1,2,4-Trimethylbenzene	U	0.00033	0.0012	mg/kg		8260B	07/19/10	1
1,2,3-Trimethylbenzene	U	0.00033	0.0012	mg/kg		8260B	07/19/10	1
1,3,5-Trimethylbenzene	U	0.00030	0.0012	mg/kg		8260B	07/19/10	1
Vinyl chloride	U	0.00052	0.0012	mg/kg		8260B	07/19/10	1
Xylenes, Total	U	0.00046	0.0036	mg/kg		8260B	07/19/10	1
Surrogate Recovery								
Toluene-d8	103.			% Rec.		8260B	07/19/10	1
Dibromofluoromethane	109.			% Rec.		8260B	07/19/10	1
a,a,a-Trifluorotoluene	104.			% Rec.		8260B	07/19/10	1
4-Bromofluorobenzene	98.8			% Rec.		8260B	07/19/10	1

Results listed are dry weight basis.

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REPORT OF ANALYSIS

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

July 26, 2010

Date Received : July 15, 2010
Description : Marketplace Retail Center

Sample ID : MW-5 S-2 20 FT

Collected By : James Georgia
Collection Date : 07/12/10 22:00

ESC Sample # : L469002-02

Site ID :

Project # : 81097016A

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	86.9			%		2540G	07/19/10	1
Volatile Organics								
Acetone	U	0.010	0.058	mg/kg		8260B	07/19/10	1
Acrylonitrile	U	0.0026	0.012	mg/kg		8260B	07/19/10	1
Benzene	U	0.00042	0.0012	mg/kg		8260B	07/19/10	1
Bromobenzene	U	0.00030	0.0012	mg/kg		8260B	07/19/10	1
Bromodichloromethane	U	0.00034	0.0012	mg/kg		8260B	07/19/10	1
Bromoform	U	0.00033	0.0012	mg/kg		8260B	07/19/10	1
Bromomethane	U	0.0016	0.0058	mg/kg		8260B	07/19/10	1
n-Butylbenzene	U	0.00034	0.0012	mg/kg		8260B	07/19/10	1
sec-Butylbenzene	U	0.00031	0.0012	mg/kg		8260B	07/19/10	1
tert-Butylbenzene	U	0.00027	0.0012	mg/kg		8260B	07/19/10	1
Carbon tetrachloride	U	0.00042	0.0012	mg/kg		8260B	07/19/10	1
Chlorobenzene	U	0.00033	0.0012	mg/kg		8260B	07/19/10	1
Chlorodibromomethane	U	0.00031	0.0012	mg/kg		8260B	07/19/10	1
Chloroethane	U	0.0020	0.0058	mg/kg		8260B	07/19/10	1
2-Chloroethyl vinyl ether	U	0.018	0.058	mg/kg		8260B	07/19/10	1
Chloroform	U	0.00043	0.0058	mg/kg		8260B	07/19/10	1
Chloromethane	U	0.0010	0.0012	mg/kg		8260B	07/19/10	1
2-Chlorotoluene	U	0.00032	0.0012	mg/kg		8260B	07/19/10	1
4-Chlorotoluene	U	0.00030	0.0012	mg/kg		8260B	07/19/10	1
1,2-Dibromo-3-Chloropropane	U	0.0011	0.0058	mg/kg		8260B	07/19/10	1
1,2-Dibromoethane	U	0.00031	0.0012	mg/kg		8260B	07/19/10	1
Dibromomethane	U	0.00045	0.0012	mg/kg		8260B	07/19/10	1
1,2-Dichlorobenzene	U	0.00031	0.0012	mg/kg		8260B	07/19/10	1
1,3-Dichlorobenzene	U	0.00029	0.0012	mg/kg		8260B	07/19/10	1
1,4-Dichlorobenzene	U	0.00035	0.0012	mg/kg		8260B	07/19/10	1
Dichlorodifluoromethane	U	0.00043	0.0058	mg/kg		8260B	07/19/10	1
1,1-Dichloroethane	U	0.00043	0.0012	mg/kg		8260B	07/19/10	1
1,2-Dichloroethane	U	0.00038	0.0012	mg/kg		8260B	07/19/10	1
1,1-Dichloroethene	U	0.00053	0.0012	mg/kg		8260B	07/19/10	1
cis-1,2-Dichloroethene	U	0.00051	0.0012	mg/kg		8260B	07/19/10	1
trans-1,2-Dichloroethene	U	0.00042	0.0012	mg/kg		8260B	07/19/10	1
1,2-Dichloropropane	U	0.00060	0.0012	mg/kg		8260B	07/19/10	1
1,1-Dichloropropene	U	0.00034	0.0012	mg/kg		8260B	07/19/10	1
1,3-Dichloropropane	U	0.00038	0.0012	mg/kg		8260B	07/19/10	1
cis-1,3-Dichloropropene	U	0.00030	0.0012	mg/kg		8260B	07/19/10	1
trans-1,3-Dichloropropene	U	0.00040	0.0012	mg/kg		8260B	07/19/10	1
2,2-Dichloropropane	U	0.00036	0.0012	mg/kg		8260B	07/19/10	1
Di-isopropyl ether	U	0.00036	0.0012	mg/kg		8260B	07/19/10	1
Ethylbenzene	U	0.00032	0.0012	mg/kg		8260B	07/19/10	1
Hexachloro-1,3-butadiene	U	0.00035	0.0012	mg/kg		8260B	07/19/10	1

Results listed are dry weight basis.

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REPORT OF ANALYSIS

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

July 26, 2010

Date Received : July 15, 2010
Description : Marketplace Retail Center

Sample ID : MW-5 S-2 20 FT

Collected By : James Georgia
Collection Date : 07/12/10 22:00

ESC Sample # : L469002-02

Site ID :

Project # : 81097016A

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Isopropylbenzene	U	0.00033	0.0012	mg/kg		8260B	07/19/10	1
p-Isopropyltoluene	U	0.00031	0.0012	mg/kg		8260B	07/19/10	1
2-Butanone (MEK)	U	0.0043	0.012	mg/kg		8260B	07/19/10	1
Methylene Chloride	U	0.00049	0.0058	mg/kg		8260B	07/19/10	1
4-Methyl-2-pentanone (MIBK)	U	0.0023	0.012	mg/kg		8260B	07/19/10	1
Methyl tert-butyl ether	U	0.00036	0.0012	mg/kg		8260B	07/19/10	1
Naphthalene	U	0.00028	0.0058	mg/kg		8260B	07/19/10	1
n-Propylbenzene	U	0.00032	0.0012	mg/kg		8260B	07/19/10	1
Styrene	U	0.00024	0.0012	mg/kg		8260B	07/19/10	1
1,1,1,2-Tetrachloroethane	U	0.00041	0.0012	mg/kg		8260B	07/19/10	1
1,1,2,2-Tetrachloroethane	U	0.00029	0.0012	mg/kg		8260B	07/19/10	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.00085	0.0012	mg/kg		8260B	07/19/10	1
Tetrachloroethene	U	0.00044	0.0012	mg/kg		8260B	07/19/10	1
Toluene	U	0.00033	0.0058	mg/kg		8260B	07/19/10	1
1,2,3-Trichlorobenzene	U	0.00030	0.0012	mg/kg		8260B	07/19/10	1
1,2,4-Trichlorobenzene	U	0.00038	0.0012	mg/kg		8260B	07/19/10	1
1,1,1-Trichloroethane	U	0.00047	0.0012	mg/kg		8260B	07/19/10	1
1,1,2-Trichloroethane	U	0.00054	0.0012	mg/kg		8260B	07/19/10	1
Trichloroethene	U	0.00034	0.0012	mg/kg		8260B	07/19/10	1
Trichlorofluoromethane	U	0.00070	0.0058	mg/kg		8260B	07/19/10	1
1,2,3-Trichloropropane	U	0.00068	0.0012	mg/kg		8260B	07/19/10	1
1,2,4-Trimethylbenzene	U	0.00033	0.0012	mg/kg		8260B	07/19/10	1
1,2,3-Trimethylbenzene	U	0.00033	0.0012	mg/kg		8260B	07/19/10	1
1,3,5-Trimethylbenzene	U	0.00030	0.0012	mg/kg		8260B	07/19/10	1
Vinyl chloride	U	0.00052	0.0012	mg/kg		8260B	07/19/10	1
Xylenes, Total	U	0.00046	0.0034	mg/kg		8260B	07/19/10	1
Surrogate Recovery								
Toluene-d8	104.			% Rec.		8260B	07/19/10	1
Dibromofluoromethane	118.			% Rec.		8260B	07/19/10	1
a,a,a-Trifluorotoluene	104.			% Rec.		8260B	07/19/10	1
4-Bromofluorobenzene	92.1			% Rec.		8260B	07/19/10	1

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REPORT OF ANALYSIS

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

July 26, 2010

Date Received : July 15, 2010
Description : Marketplace Retail Center

ESC Sample # : L469002-03

Sample ID : MW-5 S-3 25 FT

Site ID :

Collected By : James Georgia
Collection Date : 07/12/10 22:20

Project # : 81097016A

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	92.9			%		2540G	07/19/10	1
Volatile Organics								
Acetone	U	0.010	0.054	mg/kg		8260B	07/19/10	1
Acrylonitrile	U	0.0026	0.011	mg/kg		8260B	07/19/10	1
Benzene	U	0.00042	0.0011	mg/kg		8260B	07/19/10	1
Bromobenzene	U	0.00030	0.0011	mg/kg		8260B	07/19/10	1
Bromodichloromethane	U	0.00034	0.0011	mg/kg		8260B	07/19/10	1
Bromoform	U	0.00033	0.0011	mg/kg		8260B	07/19/10	1
Bromomethane	U	0.0016	0.0054	mg/kg		8260B	07/19/10	1
n-Butylbenzene	U	0.00034	0.0011	mg/kg		8260B	07/19/10	1
sec-Butylbenzene	U	0.00031	0.0011	mg/kg		8260B	07/19/10	1
tert-Butylbenzene	U	0.00027	0.0011	mg/kg		8260B	07/19/10	1
Carbon tetrachloride	U	0.00042	0.0011	mg/kg		8260B	07/19/10	1
Chlorobenzene	U	0.00033	0.0011	mg/kg		8260B	07/19/10	1
Chlorodibromomethane	U	0.00031	0.0011	mg/kg		8260B	07/19/10	1
Chloroethane	U	0.0020	0.0054	mg/kg		8260B	07/19/10	1
2-Chloroethyl vinyl ether	U	0.018	0.054	mg/kg		8260B	07/19/10	1
Chloroform	U	0.00043	0.0054	mg/kg		8260B	07/19/10	1
Chloromethane	U	0.0010	0.0011	mg/kg		8260B	07/19/10	1
2-Chlorotoluene	U	0.00032	0.0011	mg/kg		8260B	07/19/10	1
4-Chlorotoluene	U	0.00030	0.0011	mg/kg		8260B	07/19/10	1
1,2-Dibromo-3-Chloropropane	U	0.0011	0.0054	mg/kg		8260B	07/19/10	1
1,2-Dibromoethane	U	0.00031	0.0011	mg/kg		8260B	07/19/10	1
Dibromomethane	U	0.00045	0.0011	mg/kg		8260B	07/19/10	1
1,2-Dichlorobenzene	U	0.00031	0.0011	mg/kg		8260B	07/19/10	1
1,3-Dichlorobenzene	U	0.00029	0.0011	mg/kg		8260B	07/19/10	1
1,4-Dichlorobenzene	U	0.00035	0.0011	mg/kg		8260B	07/19/10	1
Dichlorodifluoromethane	U	0.00043	0.0054	mg/kg		8260B	07/19/10	1
1,1-Dichloroethane	U	0.00043	0.0011	mg/kg		8260B	07/19/10	1
1,2-Dichloroethane	U	0.00038	0.0011	mg/kg		8260B	07/19/10	1
1,1-Dichloroethene	U	0.00053	0.0011	mg/kg		8260B	07/19/10	1
cis-1,2-Dichloroethene	U	0.00051	0.0011	mg/kg		8260B	07/19/10	1
trans-1,2-Dichloroethene	U	0.00042	0.0011	mg/kg		8260B	07/19/10	1
1,2-Dichloropropane	U	0.00060	0.0011	mg/kg		8260B	07/19/10	1
1,1-Dichloropropene	U	0.00034	0.0011	mg/kg		8260B	07/19/10	1
1,3-Dichloropropane	U	0.00038	0.0011	mg/kg		8260B	07/19/10	1
cis-1,3-Dichloropropene	U	0.00030	0.0011	mg/kg		8260B	07/19/10	1
trans-1,3-Dichloropropene	U	0.00040	0.0011	mg/kg		8260B	07/19/10	1
2,2-Dichloropropane	U	0.00036	0.0011	mg/kg		8260B	07/19/10	1
Di-isopropyl ether	U	0.00036	0.0011	mg/kg		8260B	07/19/10	1
Ethylbenzene	U	0.00032	0.0011	mg/kg		8260B	07/19/10	1
Hexachloro-1,3-butadiene	U	0.00035	0.0011	mg/kg		8260B	07/19/10	1

Results listed are dry weight basis.

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MDL = Minimum Detection Limit = LOD

RDL = Reported Detection Limit = LOQ = PQL = EQL

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REPORT OF ANALYSIS

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

July 26, 2010

Date Received : July 15, 2010
Description : Marketplace Retail Center

Sample ID : MW-5 S-3 25 FT

Collected By : James Georgia
Collection Date : 07/12/10 22:20

ESC Sample # : L469002-03

Site ID :

Project # : 81097016A

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Isopropylbenzene	U	0.00033	0.0011	mg/kg		8260B	07/19/10	1
p-Isopropyltoluene	U	0.00031	0.0011	mg/kg		8260B	07/19/10	1
2-Butanone (MEK)	U	0.0043	0.011	mg/kg		8260B	07/19/10	1
Methylene Chloride	U	0.00049	0.0054	mg/kg		8260B	07/19/10	1
4-Methyl-2-pentanone (MIBK)	U	0.0023	0.011	mg/kg		8260B	07/19/10	1
Methyl tert-butyl ether	U	0.00036	0.0011	mg/kg		8260B	07/19/10	1
Naphthalene	U	0.00028	0.0054	mg/kg		8260B	07/19/10	1
n-Propylbenzene	U	0.00032	0.0011	mg/kg		8260B	07/19/10	1
Styrene	U	0.00024	0.0011	mg/kg		8260B	07/19/10	1
1,1,1,2-Tetrachloroethane	U	0.00041	0.0011	mg/kg		8260B	07/19/10	1
1,1,2,2-Tetrachloroethane	U	0.00029	0.0011	mg/kg		8260B	07/19/10	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.00085	0.0011	mg/kg		8260B	07/19/10	1
Tetrachloroethene	U	0.00044	0.0011	mg/kg		8260B	07/19/10	1
Toluene	U	0.00033	0.0054	mg/kg		8260B	07/19/10	1
1,2,3-Trichlorobenzene	U	0.00030	0.0011	mg/kg		8260B	07/19/10	1
1,2,4-Trichlorobenzene	U	0.00038	0.0011	mg/kg		8260B	07/19/10	1
1,1,1-Trichloroethane	U	0.00047	0.0011	mg/kg		8260B	07/19/10	1
1,1,2-Trichloroethane	U	0.00054	0.0011	mg/kg		8260B	07/19/10	1
Trichloroethene	U	0.00034	0.0011	mg/kg		8260B	07/19/10	1
Trichlorofluoromethane	U	0.00070	0.0054	mg/kg		8260B	07/19/10	1
1,2,3-Trichloropropane	U	0.00068	0.0011	mg/kg		8260B	07/19/10	1
1,2,4-Trimethylbenzene	U	0.00033	0.0011	mg/kg		8260B	07/19/10	1
1,2,3-Trimethylbenzene	U	0.00033	0.0011	mg/kg		8260B	07/19/10	1
1,3,5-Trimethylbenzene	U	0.00030	0.0011	mg/kg		8260B	07/19/10	1
Vinyl chloride	U	0.00052	0.0011	mg/kg		8260B	07/19/10	1
Xylenes, Total	U	0.00046	0.0032	mg/kg		8260B	07/19/10	1
Surrogate Recovery								
Toluene-d8	105.			% Rec.		8260B	07/19/10	1
Dibromofluoromethane	115.			% Rec.		8260B	07/19/10	1
a,a,a-Trifluorotoluene	104.			% Rec.		8260B	07/19/10	1
4-Bromofluorobenzene	94.1			% Rec.		8260B	07/19/10	1

Results listed are dry weight basis.

U = ND (Not Detected)

MDL = Minimum Detection Limit = LOD

RDL = Reported Detection Limit = LOQ = PQL = EQL

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

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

July 26,2010

Date Received : July 15, 2010
Description : Marketplace Retail Center

Sample ID : MW-5 S-4 30 FT

Collected By : James Georgia
Collection Date : 07/12/10 22:35

ESC Sample # : L469002-04

Site ID :

Project # : 81097016A

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	84.3			%		2540G	07/19/10	1
Volatile Organics								
Acetone	U	0.010	0.059	mg/kg		8260B	07/19/10	1
Acrylonitrile	U	0.0026	0.012	mg/kg		8260B	07/19/10	1
Benzene	0.00076	0.00042	0.0012	mg/kg	J	8260B	07/19/10	1
Bromobenzene	U	0.00030	0.0012	mg/kg		8260B	07/19/10	1
Bromodichloromethane	U	0.00034	0.0012	mg/kg		8260B	07/19/10	1
Bromoform	U	0.00033	0.0012	mg/kg		8260B	07/19/10	1
Bromomethane	U	0.0016	0.0059	mg/kg		8260B	07/19/10	1
n-Butylbenzene	U	0.00034	0.0012	mg/kg		8260B	07/19/10	1
sec-Butylbenzene	U	0.00031	0.0012	mg/kg		8260B	07/19/10	1
tert-Butylbenzene	U	0.00027	0.0012	mg/kg		8260B	07/19/10	1
Carbon tetrachloride	U	0.00042	0.0012	mg/kg		8260B	07/19/10	1
Chlorobenzene	U	0.00033	0.0012	mg/kg		8260B	07/19/10	1
Chlorodibromomethane	U	0.00031	0.0012	mg/kg		8260B	07/19/10	1
Chloroethane	U	0.0020	0.0059	mg/kg		8260B	07/19/10	1
2-Chloroethyl vinyl ether	U	0.018	0.059	mg/kg		8260B	07/19/10	1
Chloroform	U	0.00043	0.0059	mg/kg		8260B	07/19/10	1
Chloromethane	U	0.0010	0.0012	mg/kg		8260B	07/19/10	1
2-Chlorotoluene	U	0.00032	0.0012	mg/kg		8260B	07/19/10	1
4-Chlorotoluene	U	0.00030	0.0012	mg/kg		8260B	07/19/10	1
1,2-Dibromo-3-Chloropropane	U	0.0011	0.0059	mg/kg		8260B	07/19/10	1
1,2-Dibromoethane	U	0.00031	0.0012	mg/kg		8260B	07/19/10	1
Dibromomethane	U	0.00045	0.0012	mg/kg		8260B	07/19/10	1
1,2-Dichlorobenzene	U	0.00031	0.0012	mg/kg		8260B	07/19/10	1
1,3-Dichlorobenzene	U	0.00029	0.0012	mg/kg		8260B	07/19/10	1
1,4-Dichlorobenzene	U	0.00035	0.0012	mg/kg		8260B	07/19/10	1
Dichlorodifluoromethane	U	0.00043	0.0059	mg/kg		8260B	07/19/10	1
1,1-Dichloroethane	U	0.00043	0.0012	mg/kg		8260B	07/19/10	1
1,2-Dichloroethane	U	0.00038	0.0012	mg/kg		8260B	07/19/10	1
1,1-Dichloroethene	U	0.00053	0.0012	mg/kg		8260B	07/19/10	1
cis-1,2-Dichloroethene	U	0.00051	0.0012	mg/kg		8260B	07/19/10	1
trans-1,2-Dichloroethene	U	0.00042	0.0012	mg/kg		8260B	07/19/10	1
1,2-Dichloropropane	U	0.00060	0.0012	mg/kg		8260B	07/19/10	1
1,1-Dichloropropene	U	0.00034	0.0012	mg/kg		8260B	07/19/10	1
1,3-Dichloropropane	U	0.00038	0.0012	mg/kg		8260B	07/19/10	1
cis-1,3-Dichloropropene	U	0.00030	0.0012	mg/kg		8260B	07/19/10	1
trans-1,3-Dichloropropene	U	0.00040	0.0012	mg/kg		8260B	07/19/10	1
2,2-Dichloropropane	U	0.00036	0.0012	mg/kg		8260B	07/19/10	1
Di-isopropyl ether	U	0.00036	0.0012	mg/kg		8260B	07/19/10	1
Ethylbenzene	U	0.00032	0.0012	mg/kg		8260B	07/19/10	1
Hexachloro-1,3-butadiene	U	0.00035	0.0012	mg/kg		8260B	07/19/10	1

Results listed are dry weight basis.

U = ND (Not Detected)

MDL = Minimum Detection Limit = LOD

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REPORT OF ANALYSIS

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

July 26, 2010

Date Received : July 15, 2010
Description : Marketplace Retail Center

Sample ID : MW-5 S-4 30 FT

Collected By : James Georgia
Collection Date : 07/12/10 22:35

ESC Sample # : L469002-04

Site ID :

Project # : 81097016A

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Isopropylbenzene	U	0.00033	0.0012	mg/kg		8260B	07/19/10	1
p-Isopropyltoluene	U	0.00031	0.0012	mg/kg		8260B	07/19/10	1
2-Butanone (MEK)	U	0.0043	0.012	mg/kg		8260B	07/19/10	1
Methylene Chloride	U	0.00049	0.0059	mg/kg		8260B	07/19/10	1
4-Methyl-2-pentanone (MIBK)	U	0.0023	0.012	mg/kg		8260B	07/19/10	1
Methyl tert-butyl ether	U	0.00036	0.0012	mg/kg		8260B	07/19/10	1
Naphthalene	U	0.00028	0.0059	mg/kg		8260B	07/19/10	1
n-Propylbenzene	U	0.00032	0.0012	mg/kg		8260B	07/19/10	1
Styrene	U	0.00024	0.0012	mg/kg		8260B	07/19/10	1
1,1,1,2-Tetrachloroethane	U	0.00041	0.0012	mg/kg		8260B	07/19/10	1
1,1,2,2-Tetrachloroethane	U	0.00029	0.0012	mg/kg		8260B	07/19/10	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.00085	0.0012	mg/kg		8260B	07/19/10	1
Tetrachloroethene	U	0.00044	0.0012	mg/kg		8260B	07/19/10	1
Toluene	U	0.00033	0.0059	mg/kg		8260B	07/19/10	1
1,2,3-Trichlorobenzene	U	0.00030	0.0012	mg/kg		8260B	07/19/10	1
1,2,4-Trichlorobenzene	U	0.00038	0.0012	mg/kg		8260B	07/19/10	1
1,1,1-Trichloroethane	U	0.00047	0.0012	mg/kg		8260B	07/19/10	1
1,1,2-Trichloroethane	U	0.00054	0.0012	mg/kg		8260B	07/19/10	1
Trichloroethene	U	0.00034	0.0012	mg/kg		8260B	07/19/10	1
Trichlorofluoromethane	U	0.00070	0.0059	mg/kg		8260B	07/19/10	1
1,2,3-Trichloropropane	U	0.00068	0.0012	mg/kg		8260B	07/19/10	1
1,2,4-Trimethylbenzene	U	0.00033	0.0012	mg/kg		8260B	07/19/10	1
1,2,3-Trimethylbenzene	U	0.00033	0.0012	mg/kg		8260B	07/19/10	1
1,3,5-Trimethylbenzene	U	0.00030	0.0012	mg/kg		8260B	07/19/10	1
Vinyl chloride	U	0.00052	0.0012	mg/kg		8260B	07/19/10	1
Xylenes, Total	U	0.00046	0.0036	mg/kg		8260B	07/19/10	1
Surrogate Recovery								
Toluene-d8	104.			% Rec.		8260B	07/19/10	1
Dibromofluoromethane	112.			% Rec.		8260B	07/19/10	1
a,a,a-Trifluorotoluene	107.			% Rec.		8260B	07/19/10	1
4-Bromofluorobenzene	98.0			% Rec.		8260B	07/19/10	1

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REPORT OF ANALYSIS

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

July 26, 2010

Date Received : July 15, 2010
Description : Marketplace Retail Center

Sample ID : MW-6 S-1 15 FT

Collected By : James Georgia
Collection Date : 07/13/10 00:50

ESC Sample # : L469002-05

Site ID :

Project # : 81097016A

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	81.7			%		2540G	07/19/10	1
Volatile Organics								
Acetone	0.022	0.010	0.061	mg/kg	J	8260B	07/22/10	1
Acrylonitrile	U	0.0026	0.012	mg/kg		8260B	07/22/10	1
Benzene	U	0.00042	0.0012	mg/kg		8260B	07/22/10	1
Bromobenzene	U	0.00030	0.0012	mg/kg		8260B	07/22/10	1
Bromodichloromethane	U	0.00034	0.0012	mg/kg		8260B	07/22/10	1
Bromoform	U	0.00033	0.0012	mg/kg		8260B	07/22/10	1
Bromomethane	U	0.0016	0.0061	mg/kg		8260B	07/22/10	1
n-Butylbenzene	U	0.00034	0.0012	mg/kg		8260B	07/22/10	1
sec-Butylbenzene	U	0.00031	0.0012	mg/kg		8260B	07/22/10	1
tert-Butylbenzene	U	0.00027	0.0012	mg/kg		8260B	07/22/10	1
Carbon tetrachloride	U	0.00042	0.0012	mg/kg		8260B	07/22/10	1
Chlorobenzene	U	0.00033	0.0012	mg/kg		8260B	07/22/10	1
Chlorodibromomethane	U	0.00031	0.0012	mg/kg		8260B	07/22/10	1
Chloroethane	U	0.0020	0.0061	mg/kg		8260B	07/22/10	1
2-Chloroethyl vinyl ether	U	0.018	0.061	mg/kg		8260B	07/22/10	1
Chloroform	U	0.00043	0.0061	mg/kg		8260B	07/22/10	1
Chloromethane	U	0.0010	0.0012	mg/kg		8260B	07/22/10	1
2-Chlorotoluene	U	0.00032	0.0012	mg/kg		8260B	07/22/10	1
4-Chlorotoluene	U	0.00030	0.0012	mg/kg		8260B	07/22/10	1
1,2-Dibromo-3-Chloropropane	U	0.0011	0.0061	mg/kg		8260B	07/22/10	1
1,2-Dibromoethane	U	0.00031	0.0012	mg/kg		8260B	07/22/10	1
Dibromomethane	U	0.00045	0.0012	mg/kg		8260B	07/22/10	1
1,2-Dichlorobenzene	U	0.00031	0.0012	mg/kg		8260B	07/22/10	1
1,3-Dichlorobenzene	U	0.00029	0.0012	mg/kg		8260B	07/22/10	1
1,4-Dichlorobenzene	U	0.00035	0.0012	mg/kg		8260B	07/22/10	1
Dichlorodifluoromethane	U	0.00043	0.0061	mg/kg		8260B	07/22/10	1
1,1-Dichloroethane	U	0.00043	0.0012	mg/kg		8260B	07/22/10	1
1,2-Dichloroethane	U	0.00038	0.0012	mg/kg		8260B	07/22/10	1
1,1-Dichloroethene	U	0.00053	0.0012	mg/kg		8260B	07/22/10	1
cis-1,2-Dichloroethene	U	0.00051	0.0012	mg/kg		8260B	07/22/10	1
trans-1,2-Dichloroethene	U	0.00042	0.0012	mg/kg		8260B	07/22/10	1
1,2-Dichloropropane	U	0.00060	0.0012	mg/kg		8260B	07/22/10	1
1,1-Dichloropropene	U	0.00034	0.0012	mg/kg		8260B	07/22/10	1
1,3-Dichloropropane	U	0.00038	0.0012	mg/kg		8260B	07/22/10	1
cis-1,3-Dichloropropene	U	0.00030	0.0012	mg/kg		8260B	07/22/10	1
trans-1,3-Dichloropropene	U	0.00040	0.0012	mg/kg		8260B	07/22/10	1
2,2-Dichloropropane	U	0.00036	0.0012	mg/kg		8260B	07/22/10	1
Di-isopropyl ether	U	0.00036	0.0012	mg/kg		8260B	07/22/10	1
Ethylbenzene	U	0.00032	0.0012	mg/kg		8260B	07/22/10	1
Hexachloro-1,3-butadiene	U	0.00035	0.0012	mg/kg		8260B	07/22/10	1

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REPORT OF ANALYSIS

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

July 26, 2010

Date Received : July 15, 2010
Description : Marketplace Retail Center

Sample ID : MW-6 S-1 15 FT

Collected By : James Georgia
Collection Date : 07/13/10 00:50

ESC Sample # : L469002-05

Site ID :

Project # : 81097016A

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Isopropylbenzene	U	0.00033	0.0012	mg/kg		8260B	07/22/10	1
p-Isopropyltoluene	U	0.00031	0.0012	mg/kg		8260B	07/22/10	1
2-Butanone (MEK)	U	0.0043	0.012	mg/kg		8260B	07/22/10	1
Methylene Chloride	U	0.00049	0.0061	mg/kg		8260B	07/22/10	1
4-Methyl-2-pentanone (MIBK)	U	0.0023	0.012	mg/kg		8260B	07/22/10	1
Methyl tert-butyl ether	U	0.00036	0.0012	mg/kg		8260B	07/22/10	1
Naphthalene	U	0.00028	0.0061	mg/kg	B3	8260B	07/22/10	1
n-Propylbenzene	U	0.00032	0.0012	mg/kg		8260B	07/22/10	1
Styrene	U	0.00024	0.0012	mg/kg		8260B	07/22/10	1
1,1,1,2-Tetrachloroethane	U	0.00041	0.0012	mg/kg		8260B	07/22/10	1
1,1,2,2-Tetrachloroethane	U	0.00029	0.0012	mg/kg		8260B	07/22/10	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.00085	0.0012	mg/kg		8260B	07/22/10	1
Tetrachloroethene	U	0.00044	0.0012	mg/kg		8260B	07/22/10	1
Toluene	U	0.00033	0.0061	mg/kg		8260B	07/22/10	1
1,2,3-Trichlorobenzene	U	0.00030	0.0012	mg/kg		8260B	07/22/10	1
1,2,4-Trichlorobenzene	U	0.00038	0.0012	mg/kg		8260B	07/22/10	1
1,1,1-Trichloroethane	U	0.00047	0.0012	mg/kg		8260B	07/22/10	1
1,1,2-Trichloroethane	U	0.00054	0.0012	mg/kg		8260B	07/22/10	1
Trichloroethene	U	0.00034	0.0012	mg/kg		8260B	07/22/10	1
Trichlorofluoromethane	U	0.00070	0.0061	mg/kg		8260B	07/22/10	1
1,2,3-Trichloropropane	U	0.00068	0.0012	mg/kg		8260B	07/22/10	1
1,2,4-Trimethylbenzene	U	0.00033	0.0012	mg/kg		8260B	07/22/10	1
1,2,3-Trimethylbenzene	U	0.00033	0.0012	mg/kg		8260B	07/22/10	1
1,3,5-Trimethylbenzene	U	0.00030	0.0012	mg/kg		8260B	07/22/10	1
Vinyl chloride	U	0.00052	0.0012	mg/kg		8260B	07/22/10	1
Xylenes, Total	U	0.00046	0.0037	mg/kg		8260B	07/22/10	1
Surrogate Recovery								
Toluene-d8	98.4			% Rec.		8260B	07/22/10	1
Dibromofluoromethane	102.			% Rec.		8260B	07/22/10	1
a,a,a-Trifluorotoluene	106.			% Rec.		8260B	07/22/10	1
4-Bromofluorobenzene	94.7			% Rec.		8260B	07/22/10	1

Results listed are dry weight basis.

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REPORT OF ANALYSIS

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

July 26,2010

Date Received : July 15, 2010
Description : Marketplace Retail Center

Sample ID : MW-6 S-2 20 FT

Collected By : James Georgia
Collection Date : 07/13/10 01:15

ESC Sample # : L469002-06

Site ID :

Project # : 81097016A

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	88.4			%		2540G	07/19/10	1
Volatile Organics								
Acetone	U	0.010	0.050	mg/kg		8260B	07/22/10	1
Acrylonitrile	U	0.0026	0.010	mg/kg		8260B	07/22/10	1
Benzene	U	0.00042	0.0010	mg/kg		8260B	07/22/10	1
Bromobenzene	U	0.00030	0.0010	mg/kg		8260B	07/22/10	1
Bromodichloromethane	U	0.00034	0.0010	mg/kg		8260B	07/22/10	1
Bromoform	U	0.00033	0.0010	mg/kg		8260B	07/22/10	1
Bromomethane	U	0.0016	0.0050	mg/kg		8260B	07/22/10	1
n-Butylbenzene	U	0.00034	0.0010	mg/kg		8260B	07/22/10	1
sec-Butylbenzene	U	0.00031	0.0010	mg/kg		8260B	07/22/10	1
tert-Butylbenzene	U	0.00027	0.0010	mg/kg		8260B	07/22/10	1
Carbon tetrachloride	U	0.00042	0.0010	mg/kg		8260B	07/22/10	1
Chlorobenzene	U	0.00033	0.0010	mg/kg		8260B	07/22/10	1
Chlorodibromomethane	U	0.00031	0.0010	mg/kg		8260B	07/22/10	1
Chloroethane	U	0.0020	0.0050	mg/kg		8260B	07/22/10	1
2-Chloroethyl vinyl ether	U	0.018	0.050	mg/kg		8260B	07/22/10	1
Chloroform	U	0.00043	0.0050	mg/kg		8260B	07/22/10	1
Chloromethane	U	0.0010	0.0010	mg/kg		8260B	07/22/10	1
2-Chlorotoluene	U	0.00032	0.0010	mg/kg		8260B	07/22/10	1
4-Chlorotoluene	U	0.00030	0.0010	mg/kg		8260B	07/22/10	1
1,2-Dibromo-3-Chloropropane	U	0.0011	0.0050	mg/kg		8260B	07/22/10	1
1,2-Dibromoethane	U	0.00031	0.0010	mg/kg		8260B	07/22/10	1
Dibromomethane	U	0.00045	0.0010	mg/kg		8260B	07/22/10	1
1,2-Dichlorobenzene	U	0.00031	0.0010	mg/kg		8260B	07/22/10	1
1,3-Dichlorobenzene	U	0.00029	0.0010	mg/kg		8260B	07/22/10	1
1,4-Dichlorobenzene	U	0.00035	0.0010	mg/kg		8260B	07/22/10	1
Dichlorodifluoromethane	U	0.00043	0.0050	mg/kg		8260B	07/22/10	1
1,1-Dichloroethane	U	0.00043	0.0010	mg/kg		8260B	07/22/10	1
1,2-Dichloroethane	U	0.00038	0.0010	mg/kg		8260B	07/22/10	1
1,1-Dichloroethene	U	0.00053	0.0010	mg/kg		8260B	07/22/10	1
cis-1,2-Dichloroethene	U	0.00051	0.0010	mg/kg		8260B	07/22/10	1
trans-1,2-Dichloroethene	U	0.00042	0.0010	mg/kg		8260B	07/22/10	1
1,2-Dichloropropane	U	0.00060	0.0010	mg/kg		8260B	07/22/10	1
1,1-Dichloropropene	U	0.00034	0.0010	mg/kg		8260B	07/22/10	1
1,3-Dichloropropane	U	0.00038	0.0010	mg/kg		8260B	07/22/10	1
cis-1,3-Dichloropropene	U	0.00030	0.0010	mg/kg		8260B	07/22/10	1
trans-1,3-Dichloropropene	U	0.00040	0.0010	mg/kg		8260B	07/22/10	1
2,2-Dichloropropane	U	0.00036	0.0010	mg/kg		8260B	07/22/10	1
Di-isopropyl ether	U	0.00036	0.0010	mg/kg		8260B	07/22/10	1
Ethylbenzene	U	0.00032	0.0010	mg/kg		8260B	07/22/10	1
Hexachloro-1,3-butadiene	U	0.00035	0.0010	mg/kg		8260B	07/22/10	1

Results listed are dry weight basis.

U = ND (Not Detected)

MDL = Minimum Detection Limit = LOD

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Est. 1970

REPORT OF ANALYSIS

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

July 26,2010

Date Received : July 15, 2010
Description : Marketplace Retail Center

Sample ID : MW-6 S-2 20 FT

Collected By : James Georgia
Collection Date : 07/13/10 01:15

ESC Sample # : L469002-06

Site ID :

Project # : 81097016A

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Isopropylbenzene	U	0.00033	0.0010	mg/kg		8260B	07/22/10	1
p-Isopropyltoluene	U	0.00031	0.0010	mg/kg		8260B	07/22/10	1
2-Butanone (MEK)	U	0.0043	0.010	mg/kg		8260B	07/22/10	1
Methylene Chloride	U	0.00049	0.0050	mg/kg		8260B	07/22/10	1
4-Methyl-2-pentanone (MIBK)	U	0.0023	0.010	mg/kg		8260B	07/22/10	1
Methyl tert-butyl ether	U	0.00036	0.0010	mg/kg		8260B	07/22/10	1
Naphthalene	U	0.00028	0.0056	mg/kg		8260B	07/23/10	1
n-Propylbenzene	U	0.00032	0.0010	mg/kg		8260B	07/22/10	1
Styrene	U	0.00024	0.0010	mg/kg		8260B	07/22/10	1
1,1,1,2-Tetrachloroethane	U	0.00041	0.0010	mg/kg		8260B	07/22/10	1
1,1,2,2-Tetrachloroethane	U	0.00029	0.0010	mg/kg		8260B	07/22/10	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.00085	0.0010	mg/kg		8260B	07/22/10	1
Tetrachloroethene	U	0.00044	0.0010	mg/kg		8260B	07/22/10	1
Toluene	U	0.00033	0.0050	mg/kg		8260B	07/22/10	1
1,2,3-Trichlorobenzene	U	0.00030	0.0010	mg/kg		8260B	07/22/10	1
1,2,4-Trichlorobenzene	U	0.00038	0.0010	mg/kg		8260B	07/22/10	1
1,1,1-Trichloroethane	U	0.00047	0.0010	mg/kg		8260B	07/22/10	1
1,1,2-Trichloroethane	U	0.00054	0.0010	mg/kg		8260B	07/22/10	1
Trichloroethene	U	0.00034	0.0010	mg/kg		8260B	07/22/10	1
Trichlorofluoromethane	U	0.00070	0.0050	mg/kg		8260B	07/22/10	1
1,2,3-Trichloropropane	U	0.00068	0.0010	mg/kg		8260B	07/22/10	1
1,2,4-Trimethylbenzene	U	0.00033	0.0010	mg/kg		8260B	07/22/10	1
1,2,3-Trimethylbenzene	U	0.00033	0.0010	mg/kg		8260B	07/22/10	1
1,3,5-Trimethylbenzene	U	0.00030	0.0010	mg/kg		8260B	07/22/10	1
Vinyl chloride	U	0.00052	0.0010	mg/kg		8260B	07/22/10	1
Xylenes, Total	U	0.00046	0.0030	mg/kg		8260B	07/22/10	1
Surrogate Recovery								
Toluene-d8	97.9			% Rec.		8260B	07/22/10	1
Dibromofluoromethane	98.4			% Rec.		8260B	07/22/10	1
a,a,a-Trifluorotoluene	103.			% Rec.		8260B	07/22/10	1
4-Bromofluorobenzene	96.9			% Rec.		8260B	07/22/10	1

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REPORT OF ANALYSIS

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

July 26, 2010

Date Received : July 15, 2010
Description : Marketplace Retail Center

ESC Sample # : L469002-07

Sample ID : MW-6 S-3 26 FT

Site ID :

Collected By : James Georgia
Collection Date : 07/13/10 01:25

Project # : 81097016A

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	93.1			%		2540G	07/19/10	1
Volatile Organics								
Acetone	0.028	0.010	0.054	mg/kg	J	8260B	07/23/10	1
Acrylonitrile	U	0.0026	0.011	mg/kg		8260B	07/23/10	1
Benzene	U	0.00042	0.0011	mg/kg		8260B	07/23/10	1
Bromobenzene	U	0.00030	0.0011	mg/kg		8260B	07/23/10	1
Bromodichloromethane	U	0.00034	0.0011	mg/kg		8260B	07/23/10	1
Bromoform	U	0.00033	0.0011	mg/kg		8260B	07/23/10	1
Bromomethane	U	0.0016	0.0054	mg/kg		8260B	07/23/10	1
n-Butylbenzene	U	0.00034	0.0011	mg/kg		8260B	07/23/10	1
sec-Butylbenzene	U	0.00031	0.0011	mg/kg		8260B	07/23/10	1
tert-Butylbenzene	U	0.00027	0.0011	mg/kg		8260B	07/23/10	1
Carbon tetrachloride	U	0.00042	0.0011	mg/kg		8260B	07/23/10	1
Chlorobenzene	U	0.00033	0.0011	mg/kg		8260B	07/23/10	1
Chlorodibromomethane	U	0.00031	0.0011	mg/kg		8260B	07/23/10	1
Chloroethane	U	0.0020	0.0054	mg/kg		8260B	07/23/10	1
2-Chloroethyl vinyl ether	U	0.018	0.054	mg/kg		8260B	07/23/10	1
Chloroform	U	0.00043	0.0054	mg/kg		8260B	07/23/10	1
Chloromethane	U	0.0010	0.0011	mg/kg		8260B	07/23/10	1
2-Chlorotoluene	U	0.00032	0.0011	mg/kg		8260B	07/23/10	1
4-Chlorotoluene	U	0.00030	0.0011	mg/kg		8260B	07/23/10	1
1,2-Dibromo-3-Chloropropane	U	0.0011	0.0054	mg/kg		8260B	07/23/10	1
1,2-Dibromoethane	U	0.00031	0.0011	mg/kg		8260B	07/23/10	1
Dibromomethane	U	0.00045	0.0011	mg/kg		8260B	07/23/10	1
1,2-Dichlorobenzene	U	0.00031	0.0011	mg/kg		8260B	07/23/10	1
1,3-Dichlorobenzene	U	0.00029	0.0011	mg/kg		8260B	07/23/10	1
1,4-Dichlorobenzene	U	0.00035	0.0011	mg/kg		8260B	07/23/10	1
Dichlorodifluoromethane	U	0.00043	0.0054	mg/kg		8260B	07/23/10	1
1,1-Dichloroethane	U	0.00043	0.0011	mg/kg		8260B	07/23/10	1
1,2-Dichloroethane	U	0.00038	0.0011	mg/kg		8260B	07/23/10	1
1,1-Dichloroethene	U	0.00053	0.0011	mg/kg		8260B	07/23/10	1
cis-1,2-Dichloroethene	U	0.00051	0.0011	mg/kg		8260B	07/23/10	1
trans-1,2-Dichloroethene	U	0.00042	0.0011	mg/kg		8260B	07/23/10	1
1,2-Dichloropropane	U	0.00060	0.0011	mg/kg		8260B	07/23/10	1
1,1-Dichloropropene	U	0.00034	0.0011	mg/kg		8260B	07/23/10	1
1,3-Dichloropropane	U	0.00038	0.0011	mg/kg		8260B	07/23/10	1
cis-1,3-Dichloropropene	U	0.00030	0.0011	mg/kg		8260B	07/23/10	1
trans-1,3-Dichloropropene	U	0.00040	0.0011	mg/kg		8260B	07/23/10	1
2,2-Dichloropropane	U	0.00036	0.0011	mg/kg		8260B	07/23/10	1
Di-isopropyl ether	U	0.00036	0.0011	mg/kg		8260B	07/23/10	1
Ethylbenzene	U	0.00032	0.0011	mg/kg		8260B	07/23/10	1
Hexachloro-1,3-butadiene	U	0.00035	0.0011	mg/kg		8260B	07/23/10	1

Results listed are dry weight basis.

U = ND (Not Detected)

MDL = Minimum Detection Limit = LOD

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REPORT OF ANALYSIS

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

July 26, 2010

Date Received : July 15, 2010
Description : Marketplace Retail Center

Sample ID : MW-6 S-3 26 FT

Collected By : James Georgia
Collection Date : 07/13/10 01:25

ESC Sample # : L469002-07

Site ID :

Project # : 81097016A

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Isopropylbenzene	U	0.00033	0.0011	mg/kg		8260B	07/23/10	1
p-Isopropyltoluene	U	0.00031	0.0011	mg/kg		8260B	07/23/10	1
2-Butanone (MEK)	U	0.0043	0.011	mg/kg		8260B	07/23/10	1
Methylene Chloride	U	0.00049	0.0054	mg/kg		8260B	07/23/10	1
4-Methyl-2-pentanone (MIBK)	U	0.0023	0.011	mg/kg		8260B	07/23/10	1
Methyl tert-butyl ether	U	0.00036	0.0011	mg/kg		8260B	07/23/10	1
Naphthalene	U	0.00028	0.0054	mg/kg		8260B	07/23/10	1
n-Propylbenzene	U	0.00032	0.0011	mg/kg		8260B	07/23/10	1
Styrene	U	0.00024	0.0011	mg/kg		8260B	07/23/10	1
1,1,1,2-Tetrachloroethane	U	0.00041	0.0011	mg/kg		8260B	07/23/10	1
1,1,2,2-Tetrachloroethane	U	0.00029	0.0011	mg/kg		8260B	07/23/10	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.00085	0.0011	mg/kg		8260B	07/23/10	1
Tetrachloroethene	U	0.00044	0.0011	mg/kg		8260B	07/23/10	1
Toluene	0.00048	0.00033	0.0054	mg/kg	J	8260B	07/23/10	1
1,2,3-Trichlorobenzene	U	0.00030	0.0011	mg/kg		8260B	07/23/10	1
1,2,4-Trichlorobenzene	U	0.00038	0.0011	mg/kg		8260B	07/23/10	1
1,1,1-Trichloroethane	U	0.00047	0.0011	mg/kg		8260B	07/23/10	1
1,1,2-Trichloroethane	U	0.00054	0.0011	mg/kg		8260B	07/23/10	1
Trichloroethene	U	0.00034	0.0011	mg/kg		8260B	07/23/10	1
Trichlorofluoromethane	U	0.00070	0.0054	mg/kg		8260B	07/23/10	1
1,2,3-Trichloropropane	U	0.00068	0.0011	mg/kg		8260B	07/23/10	1
1,2,4-Trimethylbenzene	U	0.00033	0.0011	mg/kg		8260B	07/23/10	1
1,2,3-Trimethylbenzene	U	0.00033	0.0011	mg/kg		8260B	07/23/10	1
1,3,5-Trimethylbenzene	U	0.00030	0.0011	mg/kg		8260B	07/23/10	1
Vinyl chloride	U	0.00052	0.0011	mg/kg		8260B	07/23/10	1
Xylenes, Total	U	0.00046	0.0032	mg/kg		8260B	07/23/10	1
Surrogate Recovery								
Toluene-d8	102.			% Rec.		8260B	07/23/10	1
Dibromofluoromethane	101.			% Rec.		8260B	07/23/10	1
a,a,a-Trifluorotoluene	103.			% Rec.		8260B	07/23/10	1
4-Bromofluorobenzene	107.			% Rec.		8260B	07/23/10	1

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REPORT OF ANALYSIS

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

July 26,2010

Date Received : July 15, 2010
Description : Marketplace Retail Center

ESC Sample # : L469002-08

Sample ID : MW-6 S-4 30 FT

Site ID :

Collected By : James Georgia
Collection Date : 07/13/10 13:45

Project # : 81097016A

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	91.7			%		2540G	07/19/10	1
Volatile Organics								
Acetone	U	0.010	0.054	mg/kg		8260B	07/22/10	1
Acrylonitrile	U	0.0026	0.011	mg/kg		8260B	07/22/10	1
Benzene	U	0.00042	0.0011	mg/kg		8260B	07/22/10	1
Bromobenzene	U	0.00030	0.0011	mg/kg		8260B	07/22/10	1
Bromodichloromethane	U	0.00034	0.0011	mg/kg		8260B	07/22/10	1
Bromoform	U	0.00033	0.0011	mg/kg		8260B	07/22/10	1
Bromomethane	U	0.0016	0.0054	mg/kg		8260B	07/22/10	1
n-Butylbenzene	U	0.00034	0.0011	mg/kg		8260B	07/22/10	1
sec-Butylbenzene	U	0.00031	0.0011	mg/kg		8260B	07/22/10	1
tert-Butylbenzene	U	0.00027	0.0011	mg/kg		8260B	07/22/10	1
Carbon tetrachloride	U	0.00042	0.0011	mg/kg		8260B	07/22/10	1
Chlorobenzene	U	0.00033	0.0011	mg/kg		8260B	07/22/10	1
Chlorodibromomethane	U	0.00031	0.0011	mg/kg		8260B	07/22/10	1
Chloroethane	U	0.0020	0.0054	mg/kg		8260B	07/22/10	1
2-Chloroethyl vinyl ether	U	0.018	0.054	mg/kg		8260B	07/22/10	1
Chloroform	U	0.00043	0.0054	mg/kg		8260B	07/22/10	1
Chloromethane	U	0.0010	0.0011	mg/kg		8260B	07/22/10	1
2-Chlorotoluene	U	0.00032	0.0011	mg/kg		8260B	07/22/10	1
4-Chlorotoluene	U	0.00030	0.0011	mg/kg		8260B	07/22/10	1
1,2-Dibromo-3-Chloropropane	U	0.0011	0.0054	mg/kg		8260B	07/22/10	1
1,2-Dibromoethane	U	0.00031	0.0011	mg/kg		8260B	07/22/10	1
Dibromomethane	U	0.00045	0.0011	mg/kg		8260B	07/22/10	1
1,2-Dichlorobenzene	U	0.00031	0.0011	mg/kg		8260B	07/22/10	1
1,3-Dichlorobenzene	U	0.00029	0.0011	mg/kg		8260B	07/22/10	1
1,4-Dichlorobenzene	U	0.00035	0.0011	mg/kg		8260B	07/22/10	1
Dichlorodifluoromethane	U	0.00043	0.0054	mg/kg		8260B	07/22/10	1
1,1-Dichloroethane	U	0.00043	0.0011	mg/kg		8260B	07/22/10	1
1,2-Dichloroethane	U	0.00038	0.0011	mg/kg		8260B	07/22/10	1
1,1-Dichloroethene	U	0.00053	0.0011	mg/kg		8260B	07/22/10	1
cis-1,2-Dichloroethene	U	0.00051	0.0011	mg/kg		8260B	07/22/10	1
trans-1,2-Dichloroethene	U	0.00042	0.0011	mg/kg		8260B	07/22/10	1
1,2-Dichloropropane	U	0.00060	0.0011	mg/kg		8260B	07/22/10	1
1,1-Dichloropropene	U	0.00034	0.0011	mg/kg		8260B	07/22/10	1
1,3-Dichloropropane	U	0.00038	0.0011	mg/kg		8260B	07/22/10	1
cis-1,3-Dichloropropene	U	0.00030	0.0011	mg/kg		8260B	07/22/10	1
trans-1,3-Dichloropropene	U	0.00040	0.0011	mg/kg		8260B	07/22/10	1
2,2-Dichloropropane	U	0.00036	0.0011	mg/kg		8260B	07/22/10	1
Di-isopropyl ether	U	0.00036	0.0011	mg/kg		8260B	07/22/10	1
Ethylbenzene	U	0.00032	0.0011	mg/kg		8260B	07/22/10	1
Hexachloro-1,3-butadiene	U	0.00035	0.0011	mg/kg		8260B	07/22/10	1

Results listed are dry weight basis.

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MDL = Minimum Detection Limit = LOD

RDL = Reported Detection Limit = LOQ = PQL = EQL

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REPORT OF ANALYSIS

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

July 26, 2010

Date Received : July 15, 2010
Description : Marketplace Retail Center

Sample ID : MW-6 S-4 30 FT

Collected By : James Georgia
Collection Date : 07/13/10 13:45

ESC Sample # : L469002-08

Site ID :

Project # : 81097016A

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Isopropylbenzene	U	0.00033	0.0011	mg/kg		8260B	07/22/10	1
p-Isopropyltoluene	U	0.00031	0.0011	mg/kg		8260B	07/22/10	1
2-Butanone (MEK)	U	0.0043	0.011	mg/kg		8260B	07/22/10	1
Methylene Chloride	U	0.00049	0.0054	mg/kg		8260B	07/22/10	1
4-Methyl-2-pentanone (MIBK)	U	0.0023	0.011	mg/kg		8260B	07/22/10	1
Methyl tert-butyl ether	U	0.00036	0.0011	mg/kg		8260B	07/22/10	1
Naphthalene	U	0.00028	0.0054	mg/kg	B3	8260B	07/22/10	1
n-Propylbenzene	U	0.00032	0.0011	mg/kg		8260B	07/22/10	1
Styrene	U	0.00024	0.0011	mg/kg		8260B	07/22/10	1
1,1,1,2-Tetrachloroethane	U	0.00041	0.0011	mg/kg		8260B	07/22/10	1
1,1,2,2-Tetrachloroethane	U	0.00029	0.0011	mg/kg		8260B	07/22/10	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.00085	0.0011	mg/kg		8260B	07/22/10	1
Tetrachloroethene	U	0.00044	0.0011	mg/kg		8260B	07/22/10	1
Toluene	U	0.00033	0.0054	mg/kg		8260B	07/22/10	1
1,2,3-Trichlorobenzene	U	0.00030	0.0011	mg/kg		8260B	07/22/10	1
1,2,4-Trichlorobenzene	U	0.00038	0.0011	mg/kg		8260B	07/22/10	1
1,1,1-Trichloroethane	U	0.00047	0.0011	mg/kg		8260B	07/22/10	1
1,1,2-Trichloroethane	U	0.00054	0.0011	mg/kg		8260B	07/22/10	1
Trichloroethene	U	0.00034	0.0011	mg/kg		8260B	07/22/10	1
Trichlorofluoromethane	U	0.00070	0.0054	mg/kg		8260B	07/22/10	1
1,2,3-Trichloropropane	U	0.00068	0.0011	mg/kg		8260B	07/22/10	1
1,2,4-Trimethylbenzene	U	0.00033	0.0011	mg/kg		8260B	07/22/10	1
1,2,3-Trimethylbenzene	U	0.00033	0.0011	mg/kg		8260B	07/22/10	1
1,3,5-Trimethylbenzene	U	0.00030	0.0011	mg/kg		8260B	07/22/10	1
Vinyl chloride	U	0.00052	0.0011	mg/kg		8260B	07/22/10	1
Xylenes, Total	U	0.00046	0.0033	mg/kg		8260B	07/22/10	1
Surrogate Recovery								
Toluene-d8	98.1			% Rec.		8260B	07/22/10	1
Dibromofluoromethane	100.			% Rec.		8260B	07/22/10	1
a,a,a-Trifluorotoluene	105.			% Rec.		8260B	07/22/10	1
4-Bromofluorobenzene	95.3			% Rec.		8260B	07/22/10	1

Results listed are dry weight basis.

U = ND (Not Detected)

MDL = Minimum Detection Limit = LOD

RDL = Reported Detection Limit = LOQ = PQL = EQL

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

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

July 26,2010

Date Received : July 15, 2010
Description : Marketplace Retail Center

ESC Sample # : L469002-09

Sample ID : MW-6 S-5 35 FT

Site ID :

Collected By : James Georgia
Collection Date : 07/13/10 02:00

Project # : 81097016A

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	92.8			%		2540G	07/19/10	1
Volatile Organics								
Acetone	U	0.010	0.054	mg/kg	J4	8260B	07/23/10	1
Acrylonitrile	U	0.0026	0.011	mg/kg		8260B	07/23/10	1
Benzene	U	0.00042	0.0011	mg/kg		8260B	07/23/10	1
Bromobenzene	U	0.00030	0.0011	mg/kg		8260B	07/23/10	1
Bromodichloromethane	U	0.00034	0.0011	mg/kg		8260B	07/23/10	1
Bromoform	U	0.00033	0.0011	mg/kg		8260B	07/23/10	1
Bromomethane	U	0.0016	0.0054	mg/kg		8260B	07/23/10	1
n-Butylbenzene	U	0.00034	0.0011	mg/kg		8260B	07/23/10	1
sec-Butylbenzene	U	0.00031	0.0011	mg/kg		8260B	07/23/10	1
tert-Butylbenzene	U	0.00027	0.0011	mg/kg		8260B	07/23/10	1
Carbon tetrachloride	U	0.00042	0.0011	mg/kg		8260B	07/23/10	1
Chlorobenzene	U	0.00033	0.0011	mg/kg		8260B	07/23/10	1
Chlorodibromomethane	U	0.00031	0.0011	mg/kg		8260B	07/23/10	1
Chloroethane	U	0.0020	0.0054	mg/kg		8260B	07/23/10	1
2-Chloroethyl vinyl ether	U	0.018	0.054	mg/kg		8260B	07/23/10	1
Chloroform	U	0.00043	0.0054	mg/kg		8260B	07/23/10	1
Chloromethane	U	0.0010	0.0011	mg/kg		8260B	07/23/10	1
2-Chlorotoluene	U	0.00032	0.0011	mg/kg		8260B	07/23/10	1
4-Chlorotoluene	U	0.00030	0.0011	mg/kg		8260B	07/23/10	1
1,2-Dibromo-3-Chloropropane	U	0.0011	0.0054	mg/kg		8260B	07/23/10	1
1,2-Dibromoethane	U	0.00031	0.0011	mg/kg		8260B	07/23/10	1
Dibromomethane	U	0.00045	0.0011	mg/kg		8260B	07/23/10	1
1,2-Dichlorobenzene	U	0.00031	0.0011	mg/kg		8260B	07/23/10	1
1,3-Dichlorobenzene	U	0.00029	0.0011	mg/kg		8260B	07/23/10	1
1,4-Dichlorobenzene	U	0.00035	0.0011	mg/kg		8260B	07/23/10	1
Dichlorodifluoromethane	U	0.00043	0.0054	mg/kg		8260B	07/23/10	1
1,1-Dichloroethane	U	0.00043	0.0011	mg/kg		8260B	07/23/10	1
1,2-Dichloroethane	U	0.00038	0.0011	mg/kg		8260B	07/23/10	1
1,1-Dichloroethene	U	0.00053	0.0011	mg/kg		8260B	07/23/10	1
cis-1,2-Dichloroethene	U	0.00051	0.0011	mg/kg		8260B	07/23/10	1
trans-1,2-Dichloroethene	U	0.00042	0.0011	mg/kg		8260B	07/23/10	1
1,2-Dichloropropane	U	0.00060	0.0011	mg/kg		8260B	07/23/10	1
1,1-Dichloropropene	U	0.00034	0.0011	mg/kg		8260B	07/23/10	1
1,3-Dichloropropane	U	0.00038	0.0011	mg/kg		8260B	07/23/10	1
cis-1,3-Dichloropropene	U	0.00030	0.0011	mg/kg		8260B	07/23/10	1
trans-1,3-Dichloropropene	U	0.00040	0.0011	mg/kg		8260B	07/23/10	1
2,2-Dichloropropane	U	0.00036	0.0011	mg/kg		8260B	07/23/10	1
Di-isopropyl ether	U	0.00036	0.0011	mg/kg		8260B	07/23/10	1
Ethylbenzene	U	0.00032	0.0011	mg/kg		8260B	07/23/10	1
Hexachloro-1,3-butadiene	U	0.00035	0.0011	mg/kg		8260B	07/23/10	1

Results listed are dry weight basis.

U = ND (Not Detected)

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REPORT OF ANALYSIS

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

July 26,2010

Date Received : July 15, 2010
Description : Marketplace Retail Center

Sample ID : MW-6 S-5 35 FT

Collected By : James Georgia
Collection Date : 07/13/10 02:00

ESC Sample # : L469002-09

Site ID :

Project # : 81097016A

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Isopropylbenzene	U	0.00033	0.0011	mg/kg	J4	8260B	07/23/10	1
p-Isopropyltoluene	U	0.00031	0.0011	mg/kg		8260B	07/23/10	1
2-Butanone (MEK)	U	0.0043	0.011	mg/kg		8260B	07/23/10	1
Methylene Chloride	U	0.00049	0.0054	mg/kg		8260B	07/23/10	1
4-Methyl-2-pentanone (MIBK)	U	0.0023	0.011	mg/kg		8260B	07/23/10	1
Methyl tert-butyl ether	U	0.00036	0.0011	mg/kg		8260B	07/23/10	1
Naphthalene	U	0.00028	0.0054	mg/kg		8260B	07/23/10	1
n-Propylbenzene	U	0.00032	0.0011	mg/kg		8260B	07/23/10	1
Styrene	U	0.00024	0.0011	mg/kg		8260B	07/23/10	1
1,1,1,2-Tetrachloroethane	U	0.00041	0.0011	mg/kg		8260B	07/23/10	1
1,1,2,2-Tetrachloroethane	U	0.00029	0.0011	mg/kg		8260B	07/23/10	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.00085	0.0011	mg/kg		8260B	07/23/10	1
Tetrachloroethene	0.0013	0.00044	0.0011	mg/kg		8260B	07/23/10	1
Toluene	U	0.00033	0.0054	mg/kg		8260B	07/23/10	1
1,2,3-Trichlorobenzene	U	0.00030	0.0011	mg/kg		8260B	07/23/10	1
1,2,4-Trichlorobenzene	U	0.00038	0.0011	mg/kg		8260B	07/23/10	1
1,1,1-Trichloroethane	U	0.00047	0.0011	mg/kg		8260B	07/23/10	1
1,1,2-Trichloroethane	U	0.00054	0.0011	mg/kg		8260B	07/23/10	1
Trichloroethene	U	0.00034	0.0011	mg/kg		8260B	07/23/10	1
Trichlorofluoromethane	U	0.00070	0.0054	mg/kg		8260B	07/23/10	1
1,2,3-Trichloropropane	U	0.00068	0.0011	mg/kg		8260B	07/23/10	1
1,2,4-Trimethylbenzene	U	0.00033	0.0011	mg/kg		8260B	07/23/10	1
1,2,3-Trimethylbenzene	U	0.00033	0.0011	mg/kg		8260B	07/23/10	1
1,3,5-Trimethylbenzene	U	0.00030	0.0011	mg/kg		8260B	07/23/10	1
Vinyl chloride	U	0.00052	0.0011	mg/kg		8260B	07/23/10	1
Xylenes, Total	U	0.00046	0.0032	mg/kg		8260B	07/23/10	1
Surrogate Recovery								
Toluene-d8	102.			% Rec.		8260B	07/23/10	1
Dibromofluoromethane	120.			% Rec.		8260B	07/23/10	1
a,a,a-Trifluorotoluene	90.6			% Rec.		8260B	07/23/10	1
4-Bromofluorobenzene	102.			% Rec.		8260B	07/23/10	1

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REPORT OF ANALYSIS

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

July 26, 2010

Date Received : July 15, 2010
Description : Marketplace Retail Center

Sample ID : MW-7 S-1 16 FT

Collected By : James Georgia
Collection Date : 07/13/10 21:20

ESC Sample # : L469002-10

Site ID :

Project # : 81097016A

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	84.1			%		2540G	07/19/10	1
Volatile Organics								
Acetone	U	0.010	0.059	mg/kg	J4	8260B	07/23/10	1
Acrylonitrile	U	0.0026	0.012	mg/kg		8260B	07/23/10	1
Benzene	U	0.00042	0.0012	mg/kg		8260B	07/23/10	1
Bromobenzene	U	0.00030	0.0012	mg/kg		8260B	07/23/10	1
Bromodichloromethane	U	0.00034	0.0012	mg/kg		8260B	07/23/10	1
Bromoform	U	0.00033	0.0012	mg/kg		8260B	07/23/10	1
Bromomethane	U	0.0016	0.0059	mg/kg		8260B	07/23/10	1
n-Butylbenzene	U	0.00034	0.0012	mg/kg		8260B	07/23/10	1
sec-Butylbenzene	U	0.00031	0.0012	mg/kg		8260B	07/23/10	1
tert-Butylbenzene	U	0.00027	0.0012	mg/kg		8260B	07/23/10	1
Carbon tetrachloride	U	0.00042	0.0012	mg/kg		8260B	07/23/10	1
Chlorobenzene	U	0.00033	0.0012	mg/kg		8260B	07/23/10	1
Chlorodibromomethane	U	0.00031	0.0012	mg/kg		8260B	07/23/10	1
Chloroethane	U	0.0020	0.0059	mg/kg		8260B	07/23/10	1
2-Chloroethyl vinyl ether	U	0.018	0.059	mg/kg		8260B	07/23/10	1
Chloroform	0.00064	0.00043	0.0059	mg/kg	J	8260B	07/23/10	1
Chloromethane	U	0.0010	0.0012	mg/kg		8260B	07/23/10	1
2-Chlorotoluene	U	0.00032	0.0012	mg/kg		8260B	07/23/10	1
4-Chlorotoluene	U	0.00030	0.0012	mg/kg		8260B	07/23/10	1
1,2-Dibromo-3-Chloropropane	U	0.0011	0.0059	mg/kg		8260B	07/23/10	1
1,2-Dibromoethane	U	0.00031	0.0012	mg/kg		8260B	07/23/10	1
Dibromomethane	U	0.00045	0.0012	mg/kg		8260B	07/23/10	1
1,2-Dichlorobenzene	U	0.00031	0.0012	mg/kg		8260B	07/23/10	1
1,3-Dichlorobenzene	U	0.00029	0.0012	mg/kg		8260B	07/23/10	1
1,4-Dichlorobenzene	U	0.00035	0.0012	mg/kg		8260B	07/23/10	1
Dichlorodifluoromethane	U	0.00043	0.0059	mg/kg		8260B	07/23/10	1
1,1-Dichloroethane	U	0.00043	0.0012	mg/kg		8260B	07/23/10	1
1,2-Dichloroethane	U	0.00038	0.0012	mg/kg		8260B	07/23/10	1
1,1-Dichloroethene	U	0.00053	0.0012	mg/kg		8260B	07/23/10	1
cis-1,2-Dichloroethene	U	0.00051	0.0012	mg/kg		8260B	07/23/10	1
trans-1,2-Dichloroethene	U	0.00042	0.0012	mg/kg		8260B	07/23/10	1
1,2-Dichloropropane	U	0.00060	0.0012	mg/kg		8260B	07/23/10	1
1,1-Dichloropropene	U	0.00034	0.0012	mg/kg		8260B	07/23/10	1
1,3-Dichloropropane	U	0.00038	0.0012	mg/kg		8260B	07/23/10	1
cis-1,3-Dichloropropene	U	0.00030	0.0012	mg/kg		8260B	07/23/10	1
trans-1,3-Dichloropropene	U	0.00040	0.0012	mg/kg		8260B	07/23/10	1
2,2-Dichloropropane	U	0.00036	0.0012	mg/kg		8260B	07/23/10	1
Di-isopropyl ether	U	0.00036	0.0012	mg/kg		8260B	07/23/10	1
Ethylbenzene	U	0.00032	0.0012	mg/kg		8260B	07/23/10	1
Hexachloro-1,3-butadiene	U	0.00035	0.0012	mg/kg		8260B	07/23/10	1

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REPORT OF ANALYSIS

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

July 26,2010

Date Received : July 15, 2010
Description : Marketplace Retail Center

Sample ID : MW-7 S-1 16 FT

Collected By : James Georgia
Collection Date : 07/13/10 21:20

ESC Sample # : L469002-10

Site ID :

Project # : 81097016A

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Isopropylbenzene	U	0.00033	0.0012	mg/kg	J4	8260B	07/23/10	1
p-Isopropyltoluene	U	0.00031	0.0012	mg/kg		8260B	07/23/10	1
2-Butanone (MEK)	U	0.0043	0.012	mg/kg		8260B	07/23/10	1
Methylene Chloride	U	0.00049	0.0059	mg/kg		8260B	07/23/10	1
4-Methyl-2-pentanone (MIBK)	U	0.0023	0.012	mg/kg		8260B	07/23/10	1
Methyl tert-butyl ether	U	0.00036	0.0012	mg/kg		8260B	07/23/10	1
Naphthalene	U	0.00028	0.0059	mg/kg		8260B	07/23/10	1
n-Propylbenzene	U	0.00032	0.0012	mg/kg		8260B	07/23/10	1
Styrene	U	0.00024	0.0012	mg/kg		8260B	07/23/10	1
1,1,1,2-Tetrachloroethane	U	0.00041	0.0012	mg/kg		8260B	07/23/10	1
1,1,2,2-Tetrachloroethane	U	0.00029	0.0012	mg/kg		8260B	07/23/10	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.00085	0.0012	mg/kg		8260B	07/23/10	1
Tetrachloroethene	U	0.00044	0.0012	mg/kg		8260B	07/23/10	1
Toluene	U	0.00033	0.0059	mg/kg		8260B	07/23/10	1
1,2,3-Trichlorobenzene	U	0.00030	0.0012	mg/kg		8260B	07/23/10	1
1,2,4-Trichlorobenzene	U	0.00038	0.0012	mg/kg		8260B	07/23/10	1
1,1,1-Trichloroethane	U	0.00047	0.0012	mg/kg		8260B	07/23/10	1
1,1,2-Trichloroethane	U	0.00054	0.0012	mg/kg		8260B	07/23/10	1
Trichloroethene	U	0.00034	0.0012	mg/kg		8260B	07/23/10	1
Trichlorofluoromethane	U	0.00070	0.0059	mg/kg		8260B	07/23/10	1
1,2,3-Trichloropropane	U	0.00068	0.0012	mg/kg		8260B	07/23/10	1
1,2,4-Trimethylbenzene	U	0.00033	0.0012	mg/kg		8260B	07/23/10	1
1,2,3-Trimethylbenzene	U	0.00033	0.0012	mg/kg		8260B	07/23/10	1
1,3,5-Trimethylbenzene	U	0.00030	0.0012	mg/kg		8260B	07/23/10	1
Vinyl chloride	U	0.00052	0.0012	mg/kg		8260B	07/23/10	1
Xylenes, Total	U	0.00046	0.0036	mg/kg		8260B	07/23/10	1
Surrogate Recovery								
Toluene-d8	103.			% Rec.		8260B	07/23/10	1
Dibromofluoromethane	117.			% Rec.		8260B	07/23/10	1
a,a,a-Trifluorotoluene	89.7			% Rec.		8260B	07/23/10	1
4-Bromofluorobenzene	96.8			% Rec.		8260B	07/23/10	1

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REPORT OF ANALYSIS

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

July 26,2010

Date Received : July 15, 2010
Description : Marketplace Retail Center

Sample ID : MW-7 S-2 20 FT

Collected By : James Georgia
Collection Date : 07/13/10 21:50

ESC Sample # : L469002-11

Site ID :

Project # : 81097016A

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	94.0			%		2540G	07/19/10	1
Volatile Organics								
Acetone	U	0.010	0.053	mg/kg	J4	8260B	07/23/10	1
Acrylonitrile	U	0.0026	0.011	mg/kg		8260B	07/23/10	1
Benzene	U	0.00042	0.0011	mg/kg		8260B	07/23/10	1
Bromobenzene	U	0.00030	0.0011	mg/kg		8260B	07/23/10	1
Bromodichloromethane	U	0.00034	0.0011	mg/kg		8260B	07/23/10	1
Bromoform	U	0.00033	0.0011	mg/kg		8260B	07/23/10	1
Bromomethane	U	0.0016	0.0053	mg/kg		8260B	07/23/10	1
n-Butylbenzene	U	0.00034	0.0011	mg/kg		8260B	07/23/10	1
sec-Butylbenzene	U	0.00031	0.0011	mg/kg		8260B	07/23/10	1
tert-Butylbenzene	U	0.00027	0.0011	mg/kg		8260B	07/23/10	1
Carbon tetrachloride	U	0.00042	0.0011	mg/kg		8260B	07/23/10	1
Chlorobenzene	U	0.00033	0.0011	mg/kg		8260B	07/23/10	1
Chlorodibromomethane	U	0.00031	0.0011	mg/kg		8260B	07/23/10	1
Chloroethane	U	0.0020	0.0053	mg/kg		8260B	07/23/10	1
2-Chloroethyl vinyl ether	U	0.018	0.053	mg/kg		8260B	07/23/10	1
Chloroform	0.00068	0.00043	0.0053	mg/kg	J	8260B	07/23/10	1
Chloromethane	U	0.0010	0.0011	mg/kg		8260B	07/23/10	1
2-Chlorotoluene	U	0.00032	0.0011	mg/kg		8260B	07/23/10	1
4-Chlorotoluene	U	0.00030	0.0011	mg/kg		8260B	07/23/10	1
1,2-Dibromo-3-Chloropropane	U	0.0011	0.0053	mg/kg		8260B	07/23/10	1
1,2-Dibromoethane	U	0.00031	0.0011	mg/kg		8260B	07/23/10	1
Dibromomethane	U	0.00045	0.0011	mg/kg		8260B	07/23/10	1
1,2-Dichlorobenzene	U	0.00031	0.0011	mg/kg		8260B	07/23/10	1
1,3-Dichlorobenzene	U	0.00029	0.0011	mg/kg		8260B	07/23/10	1
1,4-Dichlorobenzene	U	0.00035	0.0011	mg/kg		8260B	07/23/10	1
Dichlorodifluoromethane	U	0.00043	0.0053	mg/kg		8260B	07/23/10	1
1,1-Dichloroethane	U	0.00043	0.0011	mg/kg		8260B	07/23/10	1
1,2-Dichloroethane	U	0.00038	0.0011	mg/kg		8260B	07/23/10	1
1,1-Dichloroethene	U	0.00053	0.0011	mg/kg		8260B	07/23/10	1
cis-1,2-Dichloroethene	U	0.00051	0.0011	mg/kg		8260B	07/23/10	1
trans-1,2-Dichloroethene	U	0.00042	0.0011	mg/kg		8260B	07/23/10	1
1,2-Dichloropropane	U	0.00060	0.0011	mg/kg		8260B	07/23/10	1
1,1-Dichloropropene	U	0.00034	0.0011	mg/kg		8260B	07/23/10	1
1,3-Dichloropropane	U	0.00038	0.0011	mg/kg		8260B	07/23/10	1
cis-1,3-Dichloropropene	U	0.00030	0.0011	mg/kg		8260B	07/23/10	1
trans-1,3-Dichloropropene	U	0.00040	0.0011	mg/kg		8260B	07/23/10	1
2,2-Dichloropropane	U	0.00036	0.0011	mg/kg		8260B	07/23/10	1
Di-isopropyl ether	U	0.00036	0.0011	mg/kg		8260B	07/23/10	1
Ethylbenzene	U	0.00032	0.0011	mg/kg		8260B	07/23/10	1
Hexachloro-1,3-butadiene	U	0.00035	0.0011	mg/kg		8260B	07/23/10	1

Results listed are dry weight basis.

U = ND (Not Detected)

MDL = Minimum Detection Limit = LOD

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

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

July 26, 2010

Date Received : July 15, 2010
Description : Marketplace Retail Center

Sample ID : MW-7 S-2 20 FT

Collected By : James Georgia
Collection Date : 07/13/10 21:50

ESC Sample # : L469002-11

Site ID :

Project # : 81097016A

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Isopropylbenzene	U	0.00033	0.0011	mg/kg	J4	8260B	07/23/10	1
p-Isopropyltoluene	U	0.00031	0.0011	mg/kg		8260B	07/23/10	1
2-Butanone (MEK)	U	0.0043	0.011	mg/kg		8260B	07/23/10	1
Methylene Chloride	U	0.00049	0.0053	mg/kg		8260B	07/23/10	1
4-Methyl-2-pentanone (MIBK)	U	0.0023	0.011	mg/kg		8260B	07/23/10	1
Methyl tert-butyl ether	U	0.00036	0.0011	mg/kg		8260B	07/23/10	1
Naphthalene	U	0.00028	0.0053	mg/kg		8260B	07/23/10	1
n-Propylbenzene	U	0.00032	0.0011	mg/kg		8260B	07/23/10	1
Styrene	U	0.00024	0.0011	mg/kg		8260B	07/23/10	1
1,1,1,2-Tetrachloroethane	U	0.00041	0.0011	mg/kg		8260B	07/23/10	1
1,1,2,2-Tetrachloroethane	U	0.00029	0.0011	mg/kg		8260B	07/23/10	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.00085	0.0011	mg/kg		8260B	07/23/10	1
Tetrachloroethene	U	0.00044	0.0011	mg/kg		8260B	07/23/10	1
Toluene	U	0.00033	0.0053	mg/kg		8260B	07/23/10	1
1,2,3-Trichlorobenzene	U	0.00030	0.0011	mg/kg		8260B	07/23/10	1
1,2,4-Trichlorobenzene	U	0.00038	0.0011	mg/kg		8260B	07/23/10	1
1,1,1-Trichloroethane	U	0.00047	0.0011	mg/kg		8260B	07/23/10	1
1,1,2-Trichloroethane	U	0.00054	0.0011	mg/kg		8260B	07/23/10	1
Trichloroethene	U	0.00034	0.0011	mg/kg		8260B	07/23/10	1
Trichlorofluoromethane	U	0.00070	0.0053	mg/kg		8260B	07/23/10	1
1,2,3-Trichloropropane	U	0.00068	0.0011	mg/kg		8260B	07/23/10	1
1,2,4-Trimethylbenzene	U	0.00033	0.0011	mg/kg		8260B	07/23/10	1
1,2,3-Trimethylbenzene	U	0.00033	0.0011	mg/kg		8260B	07/23/10	1
1,3,5-Trimethylbenzene	U	0.00030	0.0011	mg/kg		8260B	07/23/10	1
Vinyl chloride	U	0.00052	0.0011	mg/kg		8260B	07/23/10	1
Xylenes, Total	U	0.00046	0.0032	mg/kg		8260B	07/23/10	1
Surrogate Recovery								
Toluene-d8	103.			% Rec.		8260B	07/23/10	1
Dibromofluoromethane	120.			% Rec.		8260B	07/23/10	1
a,a,a-Trifluorotoluene	89.6			% Rec.		8260B	07/23/10	1
4-Bromofluorobenzene	93.7			% Rec.		8260B	07/23/10	1

Results listed are dry weight basis.

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

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

July 26,2010

Date Received : July 15, 2010
Description : Marketplace Retail Center

Sample ID : MW-7 S-3 26 FT

Collected By : James Georgia
Collection Date : 07/13/10 22:10

ESC Sample # : L469002-12

Site ID :

Project # : 81097016A

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	88.8			%		2540G	07/19/10	1
Volatile Organics								
Acetone	U	0.010	0.056	mg/kg	J4	8260B	07/23/10	1
Acrylonitrile	U	0.0026	0.011	mg/kg		8260B	07/23/10	1
Benzene	U	0.00042	0.0011	mg/kg		8260B	07/23/10	1
Bromobenzene	U	0.00030	0.0011	mg/kg		8260B	07/23/10	1
Bromodichloromethane	U	0.00034	0.0011	mg/kg		8260B	07/23/10	1
Bromoform	U	0.00033	0.0011	mg/kg		8260B	07/23/10	1
Bromomethane	U	0.0016	0.0056	mg/kg		8260B	07/23/10	1
n-Butylbenzene	U	0.00034	0.0011	mg/kg		8260B	07/23/10	1
sec-Butylbenzene	U	0.00031	0.0011	mg/kg		8260B	07/23/10	1
tert-Butylbenzene	U	0.00027	0.0011	mg/kg		8260B	07/23/10	1
Carbon tetrachloride	U	0.00042	0.0011	mg/kg		8260B	07/23/10	1
Chlorobenzene	U	0.00033	0.0011	mg/kg		8260B	07/23/10	1
Chlorodibromomethane	U	0.00031	0.0011	mg/kg		8260B	07/23/10	1
Chloroethane	U	0.0020	0.0056	mg/kg		8260B	07/23/10	1
2-Chloroethyl vinyl ether	U	0.018	0.056	mg/kg		8260B	07/23/10	1
Chloroform	0.0016	0.00043	0.0056	mg/kg	J	8260B	07/23/10	1
Chloromethane	U	0.0010	0.0011	mg/kg		8260B	07/23/10	1
2-Chlorotoluene	U	0.00032	0.0011	mg/kg		8260B	07/23/10	1
4-Chlorotoluene	U	0.00030	0.0011	mg/kg		8260B	07/23/10	1
1,2-Dibromo-3-Chloropropane	U	0.0011	0.0056	mg/kg		8260B	07/23/10	1
1,2-Dibromoethane	U	0.00031	0.0011	mg/kg		8260B	07/23/10	1
Dibromomethane	U	0.00045	0.0011	mg/kg		8260B	07/23/10	1
1,2-Dichlorobenzene	U	0.00031	0.0011	mg/kg		8260B	07/23/10	1
1,3-Dichlorobenzene	U	0.00029	0.0011	mg/kg		8260B	07/23/10	1
1,4-Dichlorobenzene	U	0.00035	0.0011	mg/kg		8260B	07/23/10	1
Dichlorodifluoromethane	U	0.00043	0.0056	mg/kg		8260B	07/23/10	1
1,1-Dichloroethane	U	0.00043	0.0011	mg/kg		8260B	07/23/10	1
1,2-Dichloroethane	U	0.00038	0.0011	mg/kg		8260B	07/23/10	1
1,1-Dichloroethene	U	0.00053	0.0011	mg/kg		8260B	07/23/10	1
cis-1,2-Dichloroethene	U	0.00051	0.0011	mg/kg		8260B	07/23/10	1
trans-1,2-Dichloroethene	U	0.00042	0.0011	mg/kg		8260B	07/23/10	1
1,2-Dichloropropane	U	0.00060	0.0011	mg/kg		8260B	07/23/10	1
1,1-Dichloropropene	U	0.00034	0.0011	mg/kg		8260B	07/23/10	1
1,3-Dichloropropane	U	0.00038	0.0011	mg/kg		8260B	07/23/10	1
cis-1,3-Dichloropropene	U	0.00030	0.0011	mg/kg		8260B	07/23/10	1
trans-1,3-Dichloropropene	U	0.00040	0.0011	mg/kg		8260B	07/23/10	1
2,2-Dichloropropane	U	0.00036	0.0011	mg/kg		8260B	07/23/10	1
Di-isopropyl ether	U	0.00036	0.0011	mg/kg		8260B	07/23/10	1
Ethylbenzene	U	0.00032	0.0011	mg/kg		8260B	07/23/10	1
Hexachloro-1,3-butadiene	U	0.00035	0.0011	mg/kg		8260B	07/23/10	1

Results listed are dry weight basis.

U = ND (Not Detected)

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REPORT OF ANALYSIS

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

July 26, 2010

Date Received : July 15, 2010
Description : Marketplace Retail Center

Sample ID : MW-7 S-3 26 FT

Collected By : James Georgia
Collection Date : 07/13/10 22:10

ESC Sample # : L469002-12

Site ID :

Project # : 81097016A

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Isopropylbenzene	U	0.00033	0.0011	mg/kg	J4	8260B	07/23/10	1
p-Isopropyltoluene	U	0.00031	0.0011	mg/kg		8260B	07/23/10	1
2-Butanone (MEK)	U	0.0043	0.011	mg/kg		8260B	07/23/10	1
Methylene Chloride	U	0.00049	0.0056	mg/kg		8260B	07/23/10	1
4-Methyl-2-pentanone (MIBK)	U	0.0023	0.011	mg/kg		8260B	07/23/10	1
Methyl tert-butyl ether	U	0.00036	0.0011	mg/kg		8260B	07/23/10	1
Naphthalene	U	0.00028	0.0056	mg/kg		8260B	07/23/10	1
n-Propylbenzene	U	0.00032	0.0011	mg/kg		8260B	07/23/10	1
Styrene	U	0.00024	0.0011	mg/kg		8260B	07/23/10	1
1,1,1,2-Tetrachloroethane	U	0.00041	0.0011	mg/kg		8260B	07/23/10	1
1,1,2,2-Tetrachloroethane	U	0.00029	0.0011	mg/kg		8260B	07/23/10	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.00085	0.0011	mg/kg		8260B	07/23/10	1
Tetrachloroethene	U	0.00044	0.0011	mg/kg		8260B	07/23/10	1
Toluene	U	0.00033	0.0056	mg/kg		8260B	07/23/10	1
1,2,3-Trichlorobenzene	U	0.00030	0.0011	mg/kg		8260B	07/23/10	1
1,2,4-Trichlorobenzene	U	0.00038	0.0011	mg/kg		8260B	07/23/10	1
1,1,1-Trichloroethane	U	0.00047	0.0011	mg/kg		8260B	07/23/10	1
1,1,2-Trichloroethane	U	0.00054	0.0011	mg/kg		8260B	07/23/10	1
Trichloroethene	U	0.00034	0.0011	mg/kg		8260B	07/23/10	1
Trichlorofluoromethane	U	0.00070	0.0056	mg/kg		8260B	07/23/10	1
1,2,3-Trichloropropane	U	0.00068	0.0011	mg/kg		8260B	07/23/10	1
1,2,4-Trimethylbenzene	U	0.00033	0.0011	mg/kg		8260B	07/23/10	1
1,2,3-Trimethylbenzene	U	0.00033	0.0011	mg/kg		8260B	07/23/10	1
1,3,5-Trimethylbenzene	U	0.00030	0.0011	mg/kg		8260B	07/23/10	1
Vinyl chloride	U	0.00052	0.0011	mg/kg		8260B	07/23/10	1
Xylenes, Total	U	0.00046	0.0034	mg/kg		8260B	07/23/10	1
Surrogate Recovery								
Toluene-d8	104.			% Rec.		8260B	07/23/10	1
Dibromofluoromethane	122.			% Rec.		8260B	07/23/10	1
a,a,a-Trifluorotoluene	90.0			% Rec.		8260B	07/23/10	1
4-Bromofluorobenzene	94.1			% Rec.		8260B	07/23/10	1

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REPORT OF ANALYSIS

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

July 26,2010

Date Received : July 15, 2010
Description : Marketplace Retail Center

ESC Sample # : L469002-13

Sample ID : MW-7 S-4 32.5 FT

Site ID :

Collected By : James Georgia
Collection Date : 07/13/10 22:50

Project # : 81097016A

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	92.1			%		2540G	07/19/10	1
Volatile Organics								
Acetone	0.013	0.010	0.054	mg/kg	JJ4	8260B	07/23/10	1
Acrylonitrile	U	0.0026	0.011	mg/kg		8260B	07/23/10	1
Benzene	U	0.00042	0.0011	mg/kg		8260B	07/23/10	1
Bromobenzene	U	0.00030	0.0011	mg/kg		8260B	07/23/10	1
Bromodichloromethane	U	0.00034	0.0011	mg/kg		8260B	07/23/10	1
Bromoform	U	0.00033	0.0011	mg/kg		8260B	07/23/10	1
Bromomethane	U	0.0016	0.0054	mg/kg		8260B	07/23/10	1
n-Butylbenzene	U	0.00034	0.0011	mg/kg		8260B	07/23/10	1
sec-Butylbenzene	U	0.00031	0.0011	mg/kg		8260B	07/23/10	1
tert-Butylbenzene	U	0.00027	0.0011	mg/kg		8260B	07/23/10	1
Carbon tetrachloride	U	0.00042	0.0011	mg/kg		8260B	07/23/10	1
Chlorobenzene	U	0.00033	0.0011	mg/kg		8260B	07/23/10	1
Chlorodibromomethane	U	0.00031	0.0011	mg/kg		8260B	07/23/10	1
Chloroethane	U	0.0020	0.0054	mg/kg		8260B	07/23/10	1
2-Chloroethyl vinyl ether	U	0.018	0.054	mg/kg		8260B	07/23/10	1
Chloroform	0.00090	0.00043	0.0054	mg/kg	J	8260B	07/23/10	1
Chloromethane	U	0.0010	0.0011	mg/kg		8260B	07/23/10	1
2-Chlorotoluene	U	0.00032	0.0011	mg/kg		8260B	07/23/10	1
4-Chlorotoluene	U	0.00030	0.0011	mg/kg		8260B	07/23/10	1
1,2-Dibromo-3-Chloropropane	U	0.0011	0.0054	mg/kg		8260B	07/23/10	1
1,2-Dibromoethane	U	0.00031	0.0011	mg/kg		8260B	07/23/10	1
Dibromomethane	U	0.00045	0.0011	mg/kg		8260B	07/23/10	1
1,2-Dichlorobenzene	U	0.00031	0.0011	mg/kg		8260B	07/23/10	1
1,3-Dichlorobenzene	U	0.00029	0.0011	mg/kg		8260B	07/23/10	1
1,4-Dichlorobenzene	U	0.00035	0.0011	mg/kg		8260B	07/23/10	1
Dichlorodifluoromethane	U	0.00043	0.0054	mg/kg		8260B	07/23/10	1
1,1-Dichloroethane	U	0.00043	0.0011	mg/kg		8260B	07/23/10	1
1,2-Dichloroethane	U	0.00038	0.0011	mg/kg		8260B	07/23/10	1
1,1-Dichloroethene	U	0.00053	0.0011	mg/kg		8260B	07/23/10	1
cis-1,2-Dichloroethene	U	0.00051	0.0011	mg/kg		8260B	07/23/10	1
trans-1,2-Dichloroethene	U	0.00042	0.0011	mg/kg		8260B	07/23/10	1
1,2-Dichloropropane	U	0.00060	0.0011	mg/kg		8260B	07/23/10	1
1,1-Dichloropropene	U	0.00034	0.0011	mg/kg		8260B	07/23/10	1
1,3-Dichloropropane	U	0.00038	0.0011	mg/kg		8260B	07/23/10	1
cis-1,3-Dichloropropene	U	0.00030	0.0011	mg/kg		8260B	07/23/10	1
trans-1,3-Dichloropropene	U	0.00040	0.0011	mg/kg		8260B	07/23/10	1
2,2-Dichloropropane	U	0.00036	0.0011	mg/kg		8260B	07/23/10	1
Di-isopropyl ether	U	0.00036	0.0011	mg/kg		8260B	07/23/10	1
Ethylbenzene	U	0.00032	0.0011	mg/kg		8260B	07/23/10	1
Hexachloro-1,3-butadiene	U	0.00035	0.0011	mg/kg		8260B	07/23/10	1

Results listed are dry weight basis.

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MDL = Minimum Detection Limit = LOD

RDL = Reported Detection Limit = LOQ = PQL = EQL

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REPORT OF ANALYSIS

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

July 26, 2010

Date Received : July 15, 2010
Description : Marketplace Retail Center

Sample ID : MW-7 S-4 32.5 FT

Collected By : James Georgia
Collection Date : 07/13/10 22:50

ESC Sample # : L469002-13

Site ID :

Project # : 81097016A

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Isopropylbenzene	U	0.00033	0.0011	mg/kg	J4	8260B	07/23/10	1
p-Isopropyltoluene	U	0.00031	0.0011	mg/kg		8260B	07/23/10	1
2-Butanone (MEK)	U	0.0043	0.011	mg/kg		8260B	07/23/10	1
Methylene Chloride	U	0.00049	0.0054	mg/kg		8260B	07/23/10	1
4-Methyl-2-pentanone (MIBK)	U	0.0023	0.011	mg/kg		8260B	07/23/10	1
Methyl tert-butyl ether	U	0.00036	0.0011	mg/kg		8260B	07/23/10	1
Naphthalene	U	0.00028	0.0054	mg/kg		8260B	07/23/10	1
n-Propylbenzene	U	0.00032	0.0011	mg/kg		8260B	07/23/10	1
Styrene	U	0.00024	0.0011	mg/kg		8260B	07/23/10	1
1,1,1,2-Tetrachloroethane	U	0.00041	0.0011	mg/kg		8260B	07/23/10	1
1,1,2,2-Tetrachloroethane	U	0.00029	0.0011	mg/kg		8260B	07/23/10	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.00085	0.0011	mg/kg		8260B	07/23/10	1
Tetrachloroethene	U	0.00044	0.0011	mg/kg		8260B	07/23/10	1
Toluene	U	0.00033	0.0054	mg/kg		8260B	07/23/10	1
1,2,3-Trichlorobenzene	U	0.00030	0.0011	mg/kg		8260B	07/23/10	1
1,2,4-Trichlorobenzene	U	0.00038	0.0011	mg/kg		8260B	07/23/10	1
1,1,1-Trichloroethane	U	0.00047	0.0011	mg/kg		8260B	07/23/10	1
1,1,2-Trichloroethane	U	0.00054	0.0011	mg/kg		8260B	07/23/10	1
Trichloroethene	U	0.00034	0.0011	mg/kg		8260B	07/23/10	1
Trichlorofluoromethane	U	0.00070	0.0054	mg/kg		8260B	07/23/10	1
1,2,3-Trichloropropane	U	0.00068	0.0011	mg/kg		8260B	07/23/10	1
1,2,4-Trimethylbenzene	U	0.00033	0.0011	mg/kg		8260B	07/23/10	1
1,2,3-Trimethylbenzene	U	0.00033	0.0011	mg/kg		8260B	07/23/10	1
1,3,5-Trimethylbenzene	U	0.00030	0.0011	mg/kg		8260B	07/23/10	1
Vinyl chloride	U	0.00052	0.0011	mg/kg		8260B	07/23/10	1
Xylenes, Total	U	0.00046	0.0032	mg/kg		8260B	07/23/10	1
Surrogate Recovery								
Toluene-d8	104.			% Rec.		8260B	07/23/10	1
Dibromofluoromethane	123.			% Rec.		8260B	07/23/10	1
a,a,a-Trifluorotoluene	89.8			% Rec.		8260B	07/23/10	1
4-Bromofluorobenzene	96.8			% Rec.		8260B	07/23/10	1

Results listed are dry weight basis.

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

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

July 26,2010

Date Received : July 15, 2010
Description : Marketplace Retail Center

ESC Sample # : L469002-14

Sample ID : MW-7 S-5 40 FT

Site ID :

Collected By : James Georgia
Collection Date : 07/13/10 23:20

Project # : 81097016A

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	84.9			%		2540G	07/19/10	1
Volatile Organics								
Acetone	U	0.010	0.059	mg/kg	J4	8260B	07/23/10	1
Acrylonitrile	U	0.0026	0.012	mg/kg		8260B	07/23/10	1
Benzene	U	0.00042	0.0012	mg/kg		8260B	07/23/10	1
Bromobenzene	U	0.00030	0.0012	mg/kg		8260B	07/23/10	1
Bromodichloromethane	U	0.00034	0.0012	mg/kg		8260B	07/23/10	1
Bromoform	U	0.00033	0.0012	mg/kg		8260B	07/23/10	1
Bromomethane	U	0.0016	0.0059	mg/kg		8260B	07/23/10	1
n-Butylbenzene	U	0.00034	0.0012	mg/kg		8260B	07/23/10	1
sec-Butylbenzene	U	0.00031	0.0012	mg/kg		8260B	07/23/10	1
tert-Butylbenzene	U	0.00027	0.0012	mg/kg		8260B	07/23/10	1
Carbon tetrachloride	U	0.00042	0.0012	mg/kg		8260B	07/23/10	1
Chlorobenzene	U	0.00033	0.0012	mg/kg		8260B	07/23/10	1
Chlorodibromomethane	U	0.00031	0.0012	mg/kg		8260B	07/23/10	1
Chloroethane	U	0.0020	0.0059	mg/kg		8260B	07/23/10	1
2-Chloroethyl vinyl ether	U	0.018	0.059	mg/kg		8260B	07/23/10	1
Chloroform	U	0.00043	0.0059	mg/kg		8260B	07/23/10	1
Chloromethane	U	0.0010	0.0012	mg/kg		8260B	07/23/10	1
2-Chlorotoluene	U	0.00032	0.0012	mg/kg		8260B	07/23/10	1
4-Chlorotoluene	U	0.00030	0.0012	mg/kg		8260B	07/23/10	1
1,2-Dibromo-3-Chloropropane	U	0.0011	0.0059	mg/kg		8260B	07/23/10	1
1,2-Dibromoethane	U	0.00031	0.0012	mg/kg		8260B	07/23/10	1
Dibromomethane	U	0.00045	0.0012	mg/kg		8260B	07/23/10	1
1,2-Dichlorobenzene	U	0.00031	0.0012	mg/kg		8260B	07/23/10	1
1,3-Dichlorobenzene	U	0.00029	0.0012	mg/kg		8260B	07/23/10	1
1,4-Dichlorobenzene	U	0.00035	0.0012	mg/kg		8260B	07/23/10	1
Dichlorodifluoromethane	U	0.00043	0.0059	mg/kg		8260B	07/23/10	1
1,1-Dichloroethane	U	0.00043	0.0012	mg/kg		8260B	07/23/10	1
1,2-Dichloroethane	U	0.00038	0.0012	mg/kg		8260B	07/23/10	1
1,1-Dichloroethene	U	0.00053	0.0012	mg/kg		8260B	07/23/10	1
cis-1,2-Dichloroethene	U	0.00051	0.0012	mg/kg		8260B	07/23/10	1
trans-1,2-Dichloroethene	U	0.00042	0.0012	mg/kg		8260B	07/23/10	1
1,2-Dichloropropane	U	0.00060	0.0012	mg/kg		8260B	07/23/10	1
1,1-Dichloropropene	U	0.00034	0.0012	mg/kg		8260B	07/23/10	1
1,3-Dichloropropane	U	0.00038	0.0012	mg/kg		8260B	07/23/10	1
cis-1,3-Dichloropropene	U	0.00030	0.0012	mg/kg		8260B	07/23/10	1
trans-1,3-Dichloropropene	U	0.00040	0.0012	mg/kg		8260B	07/23/10	1
2,2-Dichloropropane	U	0.00036	0.0012	mg/kg		8260B	07/23/10	1
Di-isopropyl ether	U	0.00036	0.0012	mg/kg		8260B	07/23/10	1
Ethylbenzene	U	0.00032	0.0012	mg/kg		8260B	07/23/10	1
Hexachloro-1,3-butadiene	U	0.00035	0.0012	mg/kg		8260B	07/23/10	1

Results listed are dry weight basis.

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REPORT OF ANALYSIS

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

July 26, 2010

Date Received : July 15, 2010
Description : Marketplace Retail Center

Sample ID : MW-7 S-5 40 FT

Collected By : James Georgia
Collection Date : 07/13/10 23:20

ESC Sample # : L469002-14

Site ID :

Project # : 81097016A

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Isopropylbenzene	U	0.00033	0.0012	mg/kg	J4	8260B	07/23/10	1
p-Isopropyltoluene	U	0.00031	0.0012	mg/kg		8260B	07/23/10	1
2-Butanone (MEK)	U	0.0043	0.012	mg/kg		8260B	07/23/10	1
Methylene Chloride	U	0.00049	0.0059	mg/kg		8260B	07/23/10	1
4-Methyl-2-pentanone (MIBK)	U	0.0023	0.012	mg/kg		8260B	07/23/10	1
Methyl tert-butyl ether	U	0.00036	0.0012	mg/kg		8260B	07/23/10	1
Naphthalene	U	0.00028	0.0059	mg/kg		8260B	07/23/10	1
n-Propylbenzene	U	0.00032	0.0012	mg/kg		8260B	07/23/10	1
Styrene	U	0.00024	0.0012	mg/kg		8260B	07/23/10	1
1,1,1,2-Tetrachloroethane	U	0.00041	0.0012	mg/kg		8260B	07/23/10	1
1,1,2,2-Tetrachloroethane	U	0.00029	0.0012	mg/kg		8260B	07/23/10	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.00085	0.0012	mg/kg		8260B	07/23/10	1
Tetrachloroethene	0.013	0.00044	0.0012	mg/kg		8260B	07/23/10	1
Toluene	U	0.00033	0.0059	mg/kg		8260B	07/23/10	1
1,2,3-Trichlorobenzene	U	0.00030	0.0012	mg/kg		8260B	07/23/10	1
1,2,4-Trichlorobenzene	U	0.00038	0.0012	mg/kg		8260B	07/23/10	1
1,1,1-Trichloroethane	U	0.00047	0.0012	mg/kg		8260B	07/23/10	1
1,1,2-Trichloroethane	U	0.00054	0.0012	mg/kg		8260B	07/23/10	1
Trichloroethene	U	0.00034	0.0012	mg/kg		8260B	07/23/10	1
Trichlorofluoromethane	U	0.00070	0.0059	mg/kg		8260B	07/23/10	1
1,2,3-Trichloropropane	U	0.00068	0.0012	mg/kg		8260B	07/23/10	1
1,2,4-Trimethylbenzene	U	0.00033	0.0012	mg/kg		8260B	07/23/10	1
1,2,3-Trimethylbenzene	U	0.00033	0.0012	mg/kg		8260B	07/23/10	1
1,3,5-Trimethylbenzene	U	0.00030	0.0012	mg/kg		8260B	07/23/10	1
Vinyl chloride	U	0.00052	0.0012	mg/kg		8260B	07/23/10	1
Xylenes, Total	U	0.00046	0.0035	mg/kg		8260B	07/23/10	1
Surrogate Recovery								
Toluene-d8	101.			% Rec.		8260B	07/23/10	1
Dibromofluoromethane	127.			% Rec.		8260B	07/23/10	1
a,a,a-Trifluorotoluene	88.7			% Rec.		8260B	07/23/10	1
4-Bromofluorobenzene	93.1			% Rec.		8260B	07/23/10	1

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REPORT OF ANALYSIS

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

July 26,2010

Date Received : July 15, 2010
Description : Marketplace Retail Center

Sample ID : MW-5 S-5 35 FT

Collected By : James Georgia
Collection Date : 07/12/10 22:50

ESC Sample # : L469002-15

Site ID :

Project # : 81097016A

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	83.0			%		2540G	07/19/10	1
Volatile Organics								
Acetone	U	0.010	0.060	mg/kg		8260B	07/19/10	1
Acrylonitrile	U	0.0026	0.012	mg/kg		8260B	07/19/10	1
Benzene	U	0.00042	0.0012	mg/kg		8260B	07/19/10	1
Bromobenzene	U	0.00030	0.0012	mg/kg		8260B	07/19/10	1
Bromodichloromethane	U	0.00034	0.0012	mg/kg		8260B	07/19/10	1
Bromoform	U	0.00033	0.0012	mg/kg		8260B	07/19/10	1
Bromomethane	U	0.0016	0.0060	mg/kg		8260B	07/19/10	1
n-Butylbenzene	U	0.00034	0.0012	mg/kg		8260B	07/19/10	1
sec-Butylbenzene	U	0.00031	0.0012	mg/kg		8260B	07/19/10	1
tert-Butylbenzene	U	0.00027	0.0012	mg/kg		8260B	07/19/10	1
Carbon tetrachloride	U	0.00042	0.0012	mg/kg		8260B	07/19/10	1
Chlorobenzene	U	0.00033	0.0012	mg/kg		8260B	07/19/10	1
Chlorodibromomethane	U	0.00031	0.0012	mg/kg		8260B	07/19/10	1
Chloroethane	U	0.0020	0.0060	mg/kg		8260B	07/19/10	1
2-Chloroethyl vinyl ether	U	0.018	0.060	mg/kg		8260B	07/19/10	1
Chloroform	U	0.00043	0.0060	mg/kg		8260B	07/19/10	1
Chloromethane	U	0.0010	0.0012	mg/kg		8260B	07/19/10	1
2-Chlorotoluene	U	0.00032	0.0012	mg/kg		8260B	07/19/10	1
4-Chlorotoluene	U	0.00030	0.0012	mg/kg		8260B	07/19/10	1
1,2-Dibromo-3-Chloropropane	U	0.0011	0.0060	mg/kg		8260B	07/19/10	1
1,2-Dibromoethane	U	0.00031	0.0012	mg/kg		8260B	07/19/10	1
Dibromomethane	U	0.00045	0.0012	mg/kg		8260B	07/19/10	1
1,2-Dichlorobenzene	U	0.00031	0.0012	mg/kg		8260B	07/19/10	1
1,3-Dichlorobenzene	U	0.00029	0.0012	mg/kg		8260B	07/19/10	1
1,4-Dichlorobenzene	U	0.00035	0.0012	mg/kg		8260B	07/19/10	1
Dichlorodifluoromethane	U	0.00043	0.0060	mg/kg		8260B	07/19/10	1
1,1-Dichloroethane	U	0.00043	0.0012	mg/kg		8260B	07/19/10	1
1,2-Dichloroethane	U	0.00038	0.0012	mg/kg		8260B	07/19/10	1
1,1-Dichloroethene	U	0.00053	0.0012	mg/kg		8260B	07/19/10	1
cis-1,2-Dichloroethene	U	0.00051	0.0012	mg/kg		8260B	07/19/10	1
trans-1,2-Dichloroethene	U	0.00042	0.0012	mg/kg		8260B	07/19/10	1
1,2-Dichloropropane	U	0.00060	0.0012	mg/kg		8260B	07/19/10	1
1,1-Dichloropropene	U	0.00034	0.0012	mg/kg		8260B	07/19/10	1
1,3-Dichloropropane	U	0.00038	0.0012	mg/kg		8260B	07/19/10	1
cis-1,3-Dichloropropene	U	0.00030	0.0012	mg/kg		8260B	07/19/10	1
trans-1,3-Dichloropropene	U	0.00040	0.0012	mg/kg		8260B	07/19/10	1
2,2-Dichloropropane	U	0.00036	0.0012	mg/kg		8260B	07/19/10	1
Di-isopropyl ether	U	0.00036	0.0012	mg/kg		8260B	07/19/10	1
Ethylbenzene	U	0.00032	0.0012	mg/kg		8260B	07/19/10	1
Hexachloro-1,3-butadiene	U	0.00035	0.0012	mg/kg		8260B	07/19/10	1

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

July 26, 2010

Date Received : July 15, 2010
Description : Marketplace Retail Center

Sample ID : MW-5 S-5 35 FT

Collected By : James Georgia
Collection Date : 07/12/10 22:50

ESC Sample # : L469002-15

Site ID :

Project # : 81097016A

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Isopropylbenzene	U	0.00033	0.0012	mg/kg		8260B	07/19/10	1
p-Isopropyltoluene	U	0.00031	0.0012	mg/kg		8260B	07/19/10	1
2-Butanone (MEK)	U	0.0043	0.012	mg/kg		8260B	07/19/10	1
Methylene Chloride	U	0.00049	0.0060	mg/kg		8260B	07/19/10	1
4-Methyl-2-pentanone (MIBK)	U	0.0023	0.012	mg/kg		8260B	07/19/10	1
Methyl tert-butyl ether	U	0.00036	0.0012	mg/kg		8260B	07/19/10	1
Naphthalene	U	0.00028	0.0060	mg/kg		8260B	07/19/10	1
n-Propylbenzene	U	0.00032	0.0012	mg/kg		8260B	07/19/10	1
Styrene	U	0.00024	0.0012	mg/kg		8260B	07/19/10	1
1,1,1,2-Tetrachloroethane	U	0.00041	0.0012	mg/kg		8260B	07/19/10	1
1,1,2,2-Tetrachloroethane	U	0.00029	0.0012	mg/kg		8260B	07/19/10	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.00085	0.0012	mg/kg		8260B	07/19/10	1
Tetrachloroethene	U	0.00044	0.0012	mg/kg		8260B	07/19/10	1
Toluene	U	0.00033	0.0060	mg/kg		8260B	07/19/10	1
1,2,3-Trichlorobenzene	U	0.00030	0.0012	mg/kg		8260B	07/19/10	1
1,2,4-Trichlorobenzene	U	0.00038	0.0012	mg/kg		8260B	07/19/10	1
1,1,1-Trichloroethane	U	0.00047	0.0012	mg/kg		8260B	07/19/10	1
1,1,2-Trichloroethane	U	0.00054	0.0012	mg/kg		8260B	07/19/10	1
Trichloroethene	U	0.00034	0.0012	mg/kg		8260B	07/19/10	1
Trichlorofluoromethane	U	0.00070	0.0060	mg/kg		8260B	07/19/10	1
1,2,3-Trichloropropane	U	0.00068	0.0012	mg/kg		8260B	07/19/10	1
1,2,4-Trimethylbenzene	U	0.00033	0.0012	mg/kg		8260B	07/19/10	1
1,2,3-Trimethylbenzene	U	0.00033	0.0012	mg/kg		8260B	07/19/10	1
1,3,5-Trimethylbenzene	U	0.00030	0.0012	mg/kg		8260B	07/19/10	1
Vinyl chloride	U	0.00052	0.0012	mg/kg		8260B	07/19/10	1
Xylenes, Total	U	0.00046	0.0036	mg/kg		8260B	07/19/10	1
Surrogate Recovery								
Toluene-d8	106.			% Rec.		8260B	07/19/10	1
Dibromofluoromethane	112.			% Rec.		8260B	07/19/10	1
a,a,a-Trifluorotoluene	106.			% Rec.		8260B	07/19/10	1
4-Bromofluorobenzene	95.9			% Rec.		8260B	07/19/10	1

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Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
L469002-04	WG489110	SAMP	Benzene	R1292370	J
L469002-05	WG489116	SAMP	Acetone	R1296628	J
	WG489116	SAMP	Naphthalene	R1296628	B3
L469002-07	WG489723	SAMP	Acetone	R1300009	J
	WG489723	SAMP	Toluene	R1300009	J
L469002-08	WG489116	SAMP	Naphthalene	R1296628	B3
L469002-09	WG489909	SAMP	Acetone	R1299768	J4
	WG489909	SAMP	2-Butanone (MEK)	R1299768	J4
L469002-10	WG489909	SAMP	Acetone	R1299768	J4
	WG489909	SAMP	Chloroform	R1299768	J
	WG489909	SAMP	2-Butanone (MEK)	R1299768	J4
L469002-11	WG489909	SAMP	Acetone	R1299768	J4
	WG489909	SAMP	Chloroform	R1299768	J
	WG489909	SAMP	2-Butanone (MEK)	R1299768	J4
L469002-12	WG489909	SAMP	Acetone	R1299768	J4
	WG489909	SAMP	Chloroform	R1299768	J
	WG489909	SAMP	2-Butanone (MEK)	R1299768	J4
L469002-13	WG489909	SAMP	Acetone	R1299768	JJ4
	WG489909	SAMP	Chloroform	R1299768	J
	WG489909	SAMP	2-Butanone (MEK)	R1299768	J4
L469002-14	WG489909	SAMP	Acetone	R1299768	J4
	WG489909	SAMP	2-Butanone (MEK)	R1299768	J4

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
B3	(ESC) - The indicated compound was found in the associated method blank, but all reported samples were non-detect.
J	(EPA) - Estimated value below the lowest calibration point. Confidence correlates with concentration.
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
07/26/10 at 10:45:15

TSR Signing Reports: 358
R5 - Desired TAT

Sample: L469002-01 Account: TERRLWA Received: 07/15/10 09:00 Due Date: 07/22/10 00:00 RPT Date: 07/26/10 10:44
Sample: L469002-02 Account: TERRLWA Received: 07/15/10 09:00 Due Date: 07/22/10 00:00 RPT Date: 07/26/10 10:44
Sample: L469002-03 Account: TERRLWA Received: 07/15/10 09:00 Due Date: 07/22/10 00:00 RPT Date: 07/26/10 10:44
Sample: L469002-04 Account: TERRLWA Received: 07/15/10 09:00 Due Date: 07/22/10 00:00 RPT Date: 07/26/10 10:44
Sample: L469002-05 Account: TERRLWA Received: 07/15/10 09:00 Due Date: 07/22/10 00:00 RPT Date: 07/26/10 10:44
Sample: L469002-06 Account: TERRLWA Received: 07/15/10 09:00 Due Date: 07/22/10 00:00 RPT Date: 07/26/10 10:44
Sample: L469002-07 Account: TERRLWA Received: 07/15/10 09:00 Due Date: 07/22/10 00:00 RPT Date: 07/26/10 10:44
Sample: L469002-08 Account: TERRLWA Received: 07/15/10 09:00 Due Date: 07/22/10 00:00 RPT Date: 07/26/10 10:44
Sample: L469002-09 Account: TERRLWA Received: 07/15/10 09:00 Due Date: 07/22/10 00:00 RPT Date: 07/26/10 10:44
Sample: L469002-10 Account: TERRLWA Received: 07/15/10 09:00 Due Date: 07/22/10 00:00 RPT Date: 07/26/10 10:44
Sample: L469002-11 Account: TERRLWA Received: 07/15/10 09:00 Due Date: 07/22/10 00:00 RPT Date: 07/26/10 10:44
Sample: L469002-12 Account: TERRLWA Received: 07/15/10 09:00 Due Date: 07/22/10 00:00 RPT Date: 07/26/10 10:44
Sample: L469002-13 Account: TERRLWA Received: 07/15/10 09:00 Due Date: 07/22/10 00:00 RPT Date: 07/26/10 10:44
Sample: L469002-14 Account: TERRLWA Received: 07/15/10 09:00 Due Date: 07/22/10 00:00 RPT Date: 07/26/10 10:44
Sample: L469002-15 Account: TERRLWA Received: 07/15/10 09:00 Due Date: 07/22/10 00:00 RPT Date: 07/26/10 10:44



YOUR LAB OF CHOICE

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Jon Einarsen
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Quality Assurance Report
Level II

L469002

12065 Lebanon Rd.
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(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

July 26, 2010

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
Total Solids	< .1	%			WG488651	07/19/10 11:21
Total Solids	< .1	%			WG488652	07/19/10 11:31
1,1,1,2-Tetrachloroethane	< .001	mg/kg			WG489110	07/19/10 14:12
1,1,1-Trichloroethane	< .001	mg/kg			WG489110	07/19/10 14:12
1,1,2,2-Tetrachloroethane	< .001	mg/kg			WG489110	07/19/10 14:12
1,1,2-Trichloroethane	< .001	mg/kg			WG489110	07/19/10 14:12
1,1,2-Trichloro-1,2,2-trifluoroethane	< .001	mg/kg			WG489110	07/19/10 14:12
1,1-Dichloroethane	< .001	mg/kg			WG489110	07/19/10 14:12
1,1-Dichloroethene	< .001	mg/kg			WG489110	07/19/10 14:12
1,1-Dichloropropene	< .001	mg/kg			WG489110	07/19/10 14:12
1,2,3-Trichlorobenzene	< .001	mg/kg			WG489110	07/19/10 14:12
1,2,3-Trichloropropane	< .001	mg/kg			WG489110	07/19/10 14:12
1,2,3-Trimethylbenzene	< .001	mg/kg			WG489110	07/19/10 14:12
1,2,4-Trichlorobenzene	< .001	mg/kg			WG489110	07/19/10 14:12
1,2,4-Trimethylbenzene	< .001	mg/kg			WG489110	07/19/10 14:12
1,2-Dibromo-3-Chloropropane	< .005	mg/kg			WG489110	07/19/10 14:12
1,2-Dibromoethane	< .001	mg/kg			WG489110	07/19/10 14:12
1,2-Dichlorobenzene	< .001	mg/kg			WG489110	07/19/10 14:12
1,2-Dichloroethane	< .001	mg/kg			WG489110	07/19/10 14:12
1,2-Dichloropropane	< .001	mg/kg			WG489110	07/19/10 14:12
1,3,5-Trimethylbenzene	< .001	mg/kg			WG489110	07/19/10 14:12
1,3-Dichlorobenzene	< .001	mg/kg			WG489110	07/19/10 14:12
1,3-Dichloropropane	< .001	mg/kg			WG489110	07/19/10 14:12
1,4-Dichlorobenzene	< .001	mg/kg			WG489110	07/19/10 14:12
2,2-Dichloropropane	< .001	mg/kg			WG489110	07/19/10 14:12
2-Butanone (MEK)	< .01	mg/kg			WG489110	07/19/10 14:12
2-Chloroethyl vinyl ether	< .001	mg/kg			WG489110	07/19/10 14:12
2-Chlorotoluene	< .001	mg/kg			WG489110	07/19/10 14:12
4-Chlorotoluene	< .001	mg/kg			WG489110	07/19/10 14:12
4-Methyl-2-pentanone (MIBK)	< .01	mg/kg			WG489110	07/19/10 14:12
Acetone	< .05	mg/kg			WG489110	07/19/10 14:12
Acrylonitrile	< .01	mg/kg			WG489110	07/19/10 14:12
Benzene	< .001	mg/kg			WG489110	07/19/10 14:12
Bromobenzene	< .001	mg/kg			WG489110	07/19/10 14:12
Bromodichloromethane	< .001	mg/kg			WG489110	07/19/10 14:12
Bromoform	< .001	mg/kg			WG489110	07/19/10 14:12
Bromomethane	< .005	mg/kg			WG489110	07/19/10 14:12
Carbon tetrachloride	< .001	mg/kg			WG489110	07/19/10 14:12
Chlorobenzene	< .001	mg/kg			WG489110	07/19/10 14:12
Chlorodibromomethane	< .001	mg/kg			WG489110	07/19/10 14:12
Chloroethane	< .005	mg/kg			WG489110	07/19/10 14:12
Chloroform	< .005	mg/kg			WG489110	07/19/10 14:12
Chloromethane	< .001	mg/kg			WG489110	07/19/10 14:12
cis-1,2-Dichloroethene	< .001	mg/kg			WG489110	07/19/10 14:12
cis-1,3-Dichloropropene	< .001	mg/kg			WG489110	07/19/10 14:12
Di-isopropyl ether	< .001	mg/kg			WG489110	07/19/10 14:12
Dibromomethane	< .001	mg/kg			WG489110	07/19/10 14:12
Dichlorodifluoromethane	< .005	mg/kg			WG489110	07/19/10 14:12
Ethylbenzene	< .001	mg/kg			WG489110	07/19/10 14:12
Hexachloro-1,3-butadiene	< .001	mg/kg			WG489110	07/19/10 14:12
Isopropylbenzene	< .001	mg/kg			WG489110	07/19/10 14:12
Methyl tert-butyl ether	< .001	mg/kg			WG489110	07/19/10 14:12
Methylene Chloride	< .005	mg/kg			WG489110	07/19/10 14:12
n-Butylbenzene	< .001	mg/kg			WG489110	07/19/10 14:12
n-Propylbenzene	< .001	mg/kg			WG489110	07/19/10 14:12

* Performance of this Analyte is outside of established criteria.

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Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

July 26, 2010

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
Naphthalene	< .005	mg/kg			WG489110	07/19/10 14:12
p-Isopropyltoluene	< .001	mg/kg			WG489110	07/19/10 14:12
sec-Butylbenzene	< .001	mg/kg			WG489110	07/19/10 14:12
Styrene	< .001	mg/kg			WG489110	07/19/10 14:12
tert-Butylbenzene	< .001	mg/kg			WG489110	07/19/10 14:12
Tetrachloroethene	< .001	mg/kg			WG489110	07/19/10 14:12
Toluene	< .005	mg/kg			WG489110	07/19/10 14:12
trans-1,2-Dichloroethene	< .001	mg/kg			WG489110	07/19/10 14:12
trans-1,3-Dichloropropene	< .001	mg/kg			WG489110	07/19/10 14:12
Trichloroethene	< .001	mg/kg			WG489110	07/19/10 14:12
Trichlorofluoromethane	< .005	mg/kg			WG489110	07/19/10 14:12
Vinyl chloride	< .001	mg/kg			WG489110	07/19/10 14:12
Xylenes, Total	< .003	mg/kg			WG489110	07/19/10 14:12
4-Bromofluorobenzene	% Rec.		95.74	59-140	WG489110	07/19/10 14:12
Dibromofluoromethane	% Rec.		103.9	63-139	WG489110	07/19/10 14:12
Toluene-d8	% Rec.		103.6	84-116	WG489110	07/19/10 14:12
a,a,a-Trifluorotoluene	% Rec.		104.2	80-118	WG489110	07/19/10 14:12
1,1,1,2-Tetrachloroethane	< .001	mg/kg			WG489116	07/22/10 09:41
1,1,1-Trichloroethane	< .001	mg/kg			WG489116	07/22/10 09:41
1,1,2,2-Tetrachloroethane	< .001	mg/kg			WG489116	07/22/10 09:41
1,1,2-Trichloroethane	< .001	mg/kg			WG489116	07/22/10 09:41
1,1,2-Trichloro-1,2,2-trifluoroethane	< .001	mg/kg			WG489116	07/22/10 09:41
1,1-Dichloroethane	< .001	mg/kg			WG489116	07/22/10 09:41
1,1-Dichloroethene	< .001	mg/kg			WG489116	07/22/10 09:41
1,1-Dichloropropene	< .001	mg/kg			WG489116	07/22/10 09:41
1,2,3-Trichlorobenzene	< .001	mg/kg			WG489116	07/22/10 09:41
1,2,3-Trichloropropane	< .001	mg/kg			WG489116	07/22/10 09:41
1,2,3-Trimethylbenzene	< .001	mg/kg			WG489116	07/22/10 09:41
1,2,4-Trichlorobenzene	< .001	mg/kg			WG489116	07/22/10 09:41
1,2,4-Trimethylbenzene	< .001	mg/kg			WG489116	07/22/10 09:41
1,2-Dibromo-3-Chloropropane	< .005	mg/kg			WG489116	07/22/10 09:41
1,2-Dibromoethane	< .001	mg/kg			WG489116	07/22/10 09:41
1,2-Dichlorobenzene	< .001	mg/kg			WG489116	07/22/10 09:41
1,2-Dichloroethane	< .001	mg/kg			WG489116	07/22/10 09:41
1,2-Dichloropropane	< .001	mg/kg			WG489116	07/22/10 09:41
1,3,5-Trimethylbenzene	< .001	mg/kg			WG489116	07/22/10 09:41
1,3-Dichlorobenzene	< .001	mg/kg			WG489116	07/22/10 09:41
1,3-Dichloropropane	< .001	mg/kg			WG489116	07/22/10 09:41
1,4-Dichlorobenzene	< .001	mg/kg			WG489116	07/22/10 09:41
2,2-Dichloropropane	< .001	mg/kg			WG489116	07/22/10 09:41
2-Butanone (MEK)	< .01	mg/kg			WG489116	07/22/10 09:41
2-Chloroethyl vinyl ether	< .001	mg/kg			WG489116	07/22/10 09:41
2-Chlorotoluene	< .001	mg/kg			WG489116	07/22/10 09:41
4-Chlorotoluene	< .001	mg/kg			WG489116	07/22/10 09:41
4-Methyl-2-pentanone (MIBK)	< .01	mg/kg			WG489116	07/22/10 09:41
Acetone	< .05	mg/kg			WG489116	07/22/10 09:41
Acrylonitrile	< .01	mg/kg			WG489116	07/22/10 09:41
Benzene	< .001	mg/kg			WG489116	07/22/10 09:41
Bromobenzene	< .001	mg/kg			WG489116	07/22/10 09:41
Bromodichloromethane	< .001	mg/kg			WG489116	07/22/10 09:41
Bromoform	< .001	mg/kg			WG489116	07/22/10 09:41
Bromomethane	< .005	mg/kg			WG489116	07/22/10 09:41
Carbon tetrachloride	< .001	mg/kg			WG489116	07/22/10 09:41
Chlorobenzene	< .001	mg/kg			WG489116	07/22/10 09:41
Chlorodibromomethane	< .001	mg/kg			WG489116	07/22/10 09:41
Chloroethane	< .005	mg/kg			WG489116	07/22/10 09:41
Chloroform	< .005	mg/kg			WG489116	07/22/10 09:41

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Est. 1970

July 26, 2010

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
Chloromethane	< .001	mg/kg			WG489116	07/22/10 09:41
cis-1,2-Dichloroethene	< .001	mg/kg			WG489116	07/22/10 09:41
cis-1,3-Dichloropropene	< .001	mg/kg			WG489116	07/22/10 09:41
Di-isopropyl ether	< .001	mg/kg			WG489116	07/22/10 09:41
Dibromomethane	< .001	mg/kg			WG489116	07/22/10 09:41
Dichlorodifluoromethane	< .005	mg/kg			WG489116	07/22/10 09:41
Ethylbenzene	< .001	mg/kg			WG489116	07/22/10 09:41
Hexachloro-1,3-butadiene	< .001	mg/kg			WG489116	07/22/10 09:41
Isopropylbenzene	< .001	mg/kg			WG489116	07/22/10 09:41
Methyl tert-butyl ether	< .001	mg/kg			WG489116	07/22/10 09:41
Methylene Chloride	< .005	mg/kg			WG489116	07/22/10 09:41
n-Butylbenzene	< .001	mg/kg			WG489116	07/22/10 09:41
n-Propylbenzene	< .001	mg/kg			WG489116	07/22/10 09:41
Naphthalene	< .005	mg/kg			WG489116	07/22/10 09:41
p-Isopropyltoluene	< .001	mg/kg			WG489116	07/22/10 09:41
sec-Butylbenzene	< .001	mg/kg			WG489116	07/22/10 09:41
Styrene	< .001	mg/kg			WG489116	07/22/10 09:41
tert-Butylbenzene	< .001	mg/kg			WG489116	07/22/10 09:41
Tetrachloroethene	< .001	mg/kg			WG489116	07/22/10 09:41
Toluene	< .005	mg/kg			WG489116	07/22/10 09:41
trans-1,2-Dichloroethene	< .001	mg/kg			WG489116	07/22/10 09:41
trans-1,3-Dichloropropene	< .001	mg/kg			WG489116	07/22/10 09:41
Trichloroethene	< .001	mg/kg			WG489116	07/22/10 09:41
Trichlorofluoromethane	< .005	mg/kg			WG489116	07/22/10 09:41
Vinyl chloride	< .001	mg/kg			WG489116	07/22/10 09:41
Xylenes, Total	< .003	mg/kg			WG489116	07/22/10 09:41
4-Bromofluorobenzene		% Rec.	102.2	59-140	WG489116	07/22/10 09:41
Dibromofluoromethane		% Rec.	94.10	63-139	WG489116	07/22/10 09:41
Toluene-d8		% Rec.	96.92	84-116	WG489116	07/22/10 09:41
a,a,a-Trifluorotoluene		% Rec.	108.0	80-118	WG489116	07/22/10 09:41
1,1,1,2-Tetrachloroethane	< .001	mg/kg			WG489909	07/23/10 10:12
1,1,1-Trichloroethane	< .001	mg/kg			WG489909	07/23/10 10:12
1,1,2,2-Tetrachloroethane	< .001	mg/kg			WG489909	07/23/10 10:12
1,1,2-Trichloroethane	< .001	mg/kg			WG489909	07/23/10 10:12
1,1,2-Trichloro-1,2,2-trifluoroethane	< .001	mg/kg			WG489909	07/23/10 10:12
1,1-Dichloroethane	< .001	mg/kg			WG489909	07/23/10 10:12
1,1-Dichloroethene	< .001	mg/kg			WG489909	07/23/10 10:12
1,1-Dichloropropene	< .001	mg/kg			WG489909	07/23/10 10:12
1,2,3-Trichlorobenzene	< .001	mg/kg			WG489909	07/23/10 10:12
1,2,3-Trichloropropane	< .001	mg/kg			WG489909	07/23/10 10:12
1,2,3-Trimethylbenzene	< .001	mg/kg			WG489909	07/23/10 10:12
1,2,4-Trichlorobenzene	< .001	mg/kg			WG489909	07/23/10 10:12
1,2,4-Trimethylbenzene	< .001	mg/kg			WG489909	07/23/10 10:12
1,2-Dibromo-3-Chloropropane	< .005	mg/kg			WG489909	07/23/10 10:12
1,2-Dibromoethane	< .001	mg/kg			WG489909	07/23/10 10:12
1,2-Dichlorobenzene	< .001	mg/kg			WG489909	07/23/10 10:12
1,2-Dichloroethane	< .001	mg/kg			WG489909	07/23/10 10:12
1,2-Dichloropropane	< .001	mg/kg			WG489909	07/23/10 10:12
1,3,5-Trimethylbenzene	< .001	mg/kg			WG489909	07/23/10 10:12
1,3-Dichlorobenzene	< .001	mg/kg			WG489909	07/23/10 10:12
1,3-Dichloropropane	< .001	mg/kg			WG489909	07/23/10 10:12
1,4-Dichlorobenzene	< .001	mg/kg			WG489909	07/23/10 10:12
2,2-Dichloropropane	< .001	mg/kg			WG489909	07/23/10 10:12
2-Butanone (MEK)	< .01	mg/kg			WG489909	07/23/10 10:12
2-Chloroethyl vinyl ether	< .001	mg/kg			WG489909	07/23/10 10:12
2-Chlorotoluene	< .001	mg/kg			WG489909	07/23/10 10:12
4-Chlorotoluene	< .001	mg/kg			WG489909	07/23/10 10:12

* Performance of this Analyte is outside of established criteria.

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Est. 1970

July 26, 2010

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
4-Methyl-2-pentanone (MIBK)	< .01	mg/kg			WG489909	07/23/10 10:12
Acetone	< .05	mg/kg			WG489909	07/23/10 10:12
Acrylonitrile	< .01	mg/kg			WG489909	07/23/10 10:12
Benzene	< .001	mg/kg			WG489909	07/23/10 10:12
Bromobenzene	< .001	mg/kg			WG489909	07/23/10 10:12
Bromodichloromethane	< .001	mg/kg			WG489909	07/23/10 10:12
Bromoform	< .001	mg/kg			WG489909	07/23/10 10:12
Bromomethane	< .005	mg/kg			WG489909	07/23/10 10:12
Carbon tetrachloride	< .001	mg/kg			WG489909	07/23/10 10:12
Chlorobenzene	< .001	mg/kg			WG489909	07/23/10 10:12
Chlorodibromomethane	< .001	mg/kg			WG489909	07/23/10 10:12
Chloroethane	< .005	mg/kg			WG489909	07/23/10 10:12
Chloroform	< .005	mg/kg			WG489909	07/23/10 10:12
Chloromethane	< .001	mg/kg			WG489909	07/23/10 10:12
cis-1,2-Dichloroethene	< .001	mg/kg			WG489909	07/23/10 10:12
cis-1,3-Dichloropropene	< .001	mg/kg			WG489909	07/23/10 10:12
Di-isopropyl ether	< .001	mg/kg			WG489909	07/23/10 10:12
Dibromomethane	< .001	mg/kg			WG489909	07/23/10 10:12
Dichlorodifluoromethane	< .005	mg/kg			WG489909	07/23/10 10:12
Ethylbenzene	< .001	mg/kg			WG489909	07/23/10 10:12
Hexachloro-1,3-butadiene	< .001	mg/kg			WG489909	07/23/10 10:12
Isopropylbenzene	< .001	mg/kg			WG489909	07/23/10 10:12
Methyl tert-butyl ether	< .001	mg/kg			WG489909	07/23/10 10:12
Methylene Chloride	< .005	mg/kg			WG489909	07/23/10 10:12
n-Butylbenzene	< .001	mg/kg			WG489909	07/23/10 10:12
n-Propylbenzene	< .001	mg/kg			WG489909	07/23/10 10:12
Naphthalene	< .005	mg/kg			WG489909	07/23/10 10:12
p-Isopropyltoluene	< .001	mg/kg			WG489909	07/23/10 10:12
sec-Butylbenzene	< .001	mg/kg			WG489909	07/23/10 10:12
Styrene	< .001	mg/kg			WG489909	07/23/10 10:12
tert-Butylbenzene	< .001	mg/kg			WG489909	07/23/10 10:12
Tetrachloroethene	< .001	mg/kg			WG489909	07/23/10 10:12
Toluene	< .005	mg/kg			WG489909	07/23/10 10:12
trans-1,2-Dichloroethene	< .001	mg/kg			WG489909	07/23/10 10:12
trans-1,3-Dichloropropene	< .001	mg/kg			WG489909	07/23/10 10:12
Trichloroethene	< .001	mg/kg			WG489909	07/23/10 10:12
Trichlorofluoromethane	< .005	mg/kg			WG489909	07/23/10 10:12
Vinyl chloride	< .001	mg/kg			WG489909	07/23/10 10:12
Xylenes, Total	< .003	mg/kg			WG489909	07/23/10 10:12
4-Bromofluorobenzene		% Rec.	102.6	59-140	WG489909	07/23/10 10:12
Dibromofluoromethane		% Rec.	110.0	63-139	WG489909	07/23/10 10:12
Toluene-d8		% Rec.	99.55	84-116	WG489909	07/23/10 10:12
a,a,a-Trifluorotoluene		% Rec.	94.78	80-118	WG489909	07/23/10 10:12
1,1,1,2-Tetrachloroethane	< .001	mg/kg			WG489723	07/23/10 05:09
1,1,1-Trichloroethane	< .001	mg/kg			WG489723	07/23/10 05:09
1,1,2,2-Tetrachloroethane	< .001	mg/kg			WG489723	07/23/10 05:09
1,1,2-Trichloroethane	< .001	mg/kg			WG489723	07/23/10 05:09
1,1,2-Trichloro-1,2,2-trifluoroethane	< .001	mg/kg			WG489723	07/23/10 05:09
1,1-Dichloroethane	< .001	mg/kg			WG489723	07/23/10 05:09
1,1-Dichloroethene	< .001	mg/kg			WG489723	07/23/10 05:09
1,1-Dichloropropene	< .001	mg/kg			WG489723	07/23/10 05:09
1,2,3-Trichlorobenzene	< .001	mg/kg			WG489723	07/23/10 05:09
1,2,3-Trichloropropane	< .001	mg/kg			WG489723	07/23/10 05:09
1,2,3-Trimethylbenzene	< .001	mg/kg			WG489723	07/23/10 05:09
1,2,4-Trichlorobenzene	< .001	mg/kg			WG489723	07/23/10 05:09
1,2,4-Trimethylbenzene	< .001	mg/kg			WG489723	07/23/10 05:09
1,2-Dibromo-3-Chloropropane	< .005	mg/kg			WG489723	07/23/10 05:09

* Performance of this Analyte is outside of established criteria.

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YOUR LAB OF CHOICE

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Jon Einarsen
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Quality Assurance Report
Level II

L469002

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

Tax I.D. 62-0814289

Est. 1970

July 26, 2010

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
1,2-Dibromoethane	< .001	mg/kg			WG489723	07/23/10 05:09
1,2-Dichlorobenzene	< .001	mg/kg			WG489723	07/23/10 05:09
1,2-Dichloroethane	< .001	mg/kg			WG489723	07/23/10 05:09
1,2-Dichloropropane	< .001	mg/kg			WG489723	07/23/10 05:09
1,3,5-Trimethylbenzene	< .001	mg/kg			WG489723	07/23/10 05:09
1,3-Dichlorobenzene	< .001	mg/kg			WG489723	07/23/10 05:09
1,3-Dichloropropane	< .001	mg/kg			WG489723	07/23/10 05:09
1,4-Dichlorobenzene	< .001	mg/kg			WG489723	07/23/10 05:09
2,2-Dichloropropane	< .001	mg/kg			WG489723	07/23/10 05:09
2-Butanone (MEK)	< .01	mg/kg			WG489723	07/23/10 05:09
2-Chloroethyl vinyl ether	< .001	mg/kg			WG489723	07/23/10 05:09
2-Chlorotoluene	< .001	mg/kg			WG489723	07/23/10 05:09
4-Chlorotoluene	< .001	mg/kg			WG489723	07/23/10 05:09
4-Methyl-2-pentanone (MIBK)	< .01	mg/kg			WG489723	07/23/10 05:09
Acetone	< .05	mg/kg			WG489723	07/23/10 05:09
Acrylonitrile	< .01	mg/kg			WG489723	07/23/10 05:09
Benzene	< .001	mg/kg			WG489723	07/23/10 05:09
Bromobenzene	< .001	mg/kg			WG489723	07/23/10 05:09
Bromodichloromethane	< .001	mg/kg			WG489723	07/23/10 05:09
Bromoform	< .001	mg/kg			WG489723	07/23/10 05:09
Bromomethane	< .005	mg/kg			WG489723	07/23/10 05:09
Carbon tetrachloride	< .001	mg/kg			WG489723	07/23/10 05:09
Chlorobenzene	< .001	mg/kg			WG489723	07/23/10 05:09
Chlorodibromomethane	< .001	mg/kg			WG489723	07/23/10 05:09
Chloroethane	< .005	mg/kg			WG489723	07/23/10 05:09
Chloroform	< .005	mg/kg			WG489723	07/23/10 05:09
Chloromethane	< .001	mg/kg			WG489723	07/23/10 05:09
cis-1,2-Dichloroethene	< .001	mg/kg			WG489723	07/23/10 05:09
cis-1,3-Dichloropropene	< .001	mg/kg			WG489723	07/23/10 05:09
Di-isopropyl ether	< .001	mg/kg			WG489723	07/23/10 05:09
Dibromomethane	< .001	mg/kg			WG489723	07/23/10 05:09
Dichlorodifluoromethane	< .005	mg/kg			WG489723	07/23/10 05:09
Ethylbenzene	< .001	mg/kg			WG489723	07/23/10 05:09
Hexachloro-1,3-butadiene	< .001	mg/kg			WG489723	07/23/10 05:09
Isopropylbenzene	< .001	mg/kg			WG489723	07/23/10 05:09
Methyl tert-butyl ether	< .001	mg/kg			WG489723	07/23/10 05:09
Methylene Chloride	< .005	mg/kg			WG489723	07/23/10 05:09
n-Butylbenzene	< .001	mg/kg			WG489723	07/23/10 05:09
n-Propylbenzene	< .001	mg/kg			WG489723	07/23/10 05:09
Naphthalene	< .005	mg/kg			WG489723	07/23/10 05:09
p-Isopropyltoluene	< .001	mg/kg			WG489723	07/23/10 05:09
sec-Butylbenzene	< .001	mg/kg			WG489723	07/23/10 05:09
Styrene	< .001	mg/kg			WG489723	07/23/10 05:09
tert-Butylbenzene	< .001	mg/kg			WG489723	07/23/10 05:09
Tetrachloroethene	< .001	mg/kg			WG489723	07/23/10 05:09
Toluene	< .005	mg/kg			WG489723	07/23/10 05:09
trans-1,2-Dichloroethene	< .001	mg/kg			WG489723	07/23/10 05:09
trans-1,3-Dichloropropene	< .001	mg/kg			WG489723	07/23/10 05:09
Trichloroethene	< .001	mg/kg			WG489723	07/23/10 05:09
Trichlorofluoromethane	< .005	mg/kg			WG489723	07/23/10 05:09
Vinyl chloride	< .001	mg/kg			WG489723	07/23/10 05:09
Xylenes, Total	< .003	mg/kg			WG489723	07/23/10 05:09
4-Bromofluorobenzene	% Rec.		106.8	59-140	WG489723	07/23/10 05:09
Dibromofluoromethane	% Rec.		99.87	63-139	WG489723	07/23/10 05:09
Toluene-d8	% Rec.		101.6	84-116	WG489723	07/23/10 05:09
a,a,a-Trifluorotoluene	% Rec.		103.1	80-118	WG489723	07/23/10 05:09

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Tax I.D. 62-0814289

Est. 1970

July 26, 2010

Analyte	Units	Result	Duplicate	RPD	Limit	Ref Samp	Batch
			Duplicate				
Total Solids	%	84.0	84.1	0.678	5	L469002-10	WG488651
Total Solids	%	84.0	83.9	0.300	5	L469006-06	WG488652
Analyte	Units	Result	Laboratory Control	Sample	% Rec	Limit	Batch
			Known Val				
Total Solids	%	50		50.0	100.	85-115	WG488651
Total Solids	%	50		50.0	100.	85-115	WG488652
1,1,1,2-Tetrachloroethane	mg/kg	.025		0.0229	91.7	73-134	WG489110
1,1,1-Trichloroethane	mg/kg	.025		0.0232	92.8	62-135	WG489110
1,1,2,2-Tetrachloroethane	mg/kg	.025		0.0232	92.9	74-129	WG489110
1,1,2-Trichloroethane	mg/kg	.025		0.0236	94.4	77-124	WG489110
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	.025		0.0225	89.9	49-155	WG489110
1,1-Dichloroethane	mg/kg	.025		0.0239	95.6	61-134	WG489110
1,1-Dichloroethene	mg/kg	.025		0.0237	94.7	53-136	WG489110
1,1-Dichloropropene	mg/kg	.025		0.0229	91.4	63-132	WG489110
1,2,3-Trichlorobenzene	mg/kg	.025		0.0260	104.	62-146	WG489110
1,2,3-Trichloropropane	mg/kg	.025		0.0222	89.0	70-133	WG489110
1,2,3-Trimethylbenzene	mg/kg	.025		0.0237	94.7	73-126	WG489110
1,2,4-Trichlorobenzene	mg/kg	.025		0.0269	108.	61-148	WG489110
1,2,4-Trimethylbenzene	mg/kg	.025		0.0246	98.4	68-135	WG489110
1,2-Dibromo-3-Chloropropane	mg/kg	.025		0.0215	86.1	61-134	WG489110
1,2-Dibromoethane	mg/kg	.025		0.0233	93.0	76-127	WG489110
1,2-Dichlorobenzene	mg/kg	.025		0.0239	95.7	77-123	WG489110
1,2-Dichloroethane	mg/kg	.025		0.0226	90.5	58-141	WG489110
1,2-Dichloropropane	mg/kg	.025		0.0244	97.7	71-128	WG489110
1,3,5-Trimethylbenzene	mg/kg	.025		0.0245	97.9	71-133	WG489110
1,3-Dichlorobenzene	mg/kg	.025		0.0236	94.6	71-132	WG489110
1,3-Dichloropropane	mg/kg	.025		0.0221	88.3	76-120	WG489110
1,4-Dichlorobenzene	mg/kg	.025		0.0233	93.2	72-123	WG489110
2,2-Dichloropropane	mg/kg	.025		0.0235	93.9	50-147	WG489110
2-Butanone (MEK)	mg/kg	.125		0.124	99.1	51-131	WG489110
2-Chloroethyl vinyl ether	mg/kg	.125		0.0765	61.2	0-188	WG489110
2-Chlorotoluene	mg/kg	.025		0.0242	96.8	73-128	WG489110
4-Chlorotoluene	mg/kg	.025		0.0244	97.4	72-129	WG489110
4-Methyl-2-pentanone (MIBK)	mg/kg	.125		0.119	95.1	61-143	WG489110
Acetone	mg/kg	.125		0.145	116.	44-140	WG489110
Acrylonitrile	mg/kg	.125		0.129	104.	55-143	WG489110
Benzene	mg/kg	.025		0.0239	95.5	65-128	WG489110
Bromobenzene	mg/kg	.025		0.0233	93.2	75-123	WG489110
Bromodichloromethane	mg/kg	.025		0.0250	99.9	66-126	WG489110
Bromoform	mg/kg	.025		0.0252	101.	64-139	WG489110
Bromomethane	mg/kg	.025		0.0254	101.	41-175	WG489110
Carbon tetrachloride	mg/kg	.025		0.0229	91.8	60-140	WG489110
Chlorobenzene	mg/kg	.025		0.0237	94.7	75-125	WG489110
Chlorodibromomethane	mg/kg	.025		0.0237	94.7	72-137	WG489110
Chloroethane	mg/kg	.025		0.0267	107.	44-159	WG489110
Chloroform	mg/kg	.025		0.0237	95.0	63-123	WG489110
Chloromethane	mg/kg	.025		0.0254	101.	42-149	WG489110
cis-1,2-Dichloroethene	mg/kg	.025		0.0236	94.4	71-129	WG489110
cis-1,3-Dichloropropene	mg/kg	.025		0.0254	101.	73-132	WG489110
Di-isopropyl ether	mg/kg	.025		0.0245	98.0	59-143	WG489110
Dibromomethane	mg/kg	.025		0.0225	90.1	70-130	WG489110
Dichlorodifluoromethane	mg/kg	.025		0.0237	94.6	26-186	WG489110

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Est. 1970

July 26, 2010

Analyte	Units	Laboratory Control Known Val	Sample Result	% Rec	Limit	Batch
Ethylbenzene	mg/kg	.025	0.0238	95.3	74-128	WG489110
Hexachloro-1,3-butadiene	mg/kg	.025	0.0224	89.5	65-137	WG489110
Isopropylbenzene	mg/kg	.025	0.0248	99.3	73-130	WG489110
Methyl tert-butyl ether	mg/kg	.025	0.0241	96.5	44-148	WG489110
Methylene Chloride	mg/kg	.025	0.0241	96.5	57-129	WG489110
n-Butylbenzene	mg/kg	.025	0.0264	106.	60-145	WG489110
n-Propylbenzene	mg/kg	.025	0.0243	97.1	71-132	WG489110
Naphthalene	mg/kg	.025	0.0245	98.0	61-142	WG489110
p-Isopropyltoluene	mg/kg	.025	0.0253	101.	67-138	WG489110
sec-Butylbenzene	mg/kg	.025	0.0253	101.	71-134	WG489110
Styrene	mg/kg	.025	0.0253	101.	76-133	WG489110
tert-Butylbenzene	mg/kg	.025	0.0253	101.	72-132	WG489110
Tetrachloroethene	mg/kg	.025	0.0220	87.9	65-135	WG489110
Toluene	mg/kg	.025	0.0239	95.5	70-120	WG489110
trans-1,2-Dichloroethene	mg/kg	.025	0.0230	92.2	61-133	WG489110
trans-1,3-Dichloropropene	mg/kg	.025	0.0242	97.0	70-135	WG489110
Trichloroethene	mg/kg	.025	0.0224	89.7	71-126	WG489110
Trichlorofluoromethane	mg/kg	.025	0.0259	104.	52-147	WG489110
Vinyl chloride	mg/kg	.025	0.0276	110.	50-151	WG489110
Xylenes, Total	mg/kg	.075	0.0713	95.1	74-127	WG489110
4-Bromofluorobenzene				101.6	59-140	WG489110
Dibromofluoromethane				100.8	63-139	WG489110
Toluene-d8				102.2	84-116	WG489110
a,a,a-Trifluorotoluene				105.0	80-118	WG489110
1,1,1,2-Tetrachloroethane	mg/kg	.025	0.0252	101.	73-134	WG489116
1,1,1-Trichloroethane	mg/kg	.025	0.0208	83.3	62-135	WG489116
1,1,2,2-Tetrachloroethane	mg/kg	.025	0.0248	99.2	74-129	WG489116
1,1,2-Trichloroethane	mg/kg	.025	0.0249	99.4	77-124	WG489116
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	.025	0.0229	91.4	49-155	WG489116
1,1-Dichloroethane	mg/kg	.025	0.0212	84.6	61-134	WG489116
1,1-Dichloroethene	mg/kg	.025	0.0236	94.3	53-136	WG489116
1,1-Dichloropropene	mg/kg	.025	0.0215	86.0	63-132	WG489116
1,2,3-Trichlorobenzene	mg/kg	.025	0.0205	81.9	62-146	WG489116
1,2,3-Trichloropropane	mg/kg	.025	0.0248	99.3	70-133	WG489116
1,2,3-Trimethylbenzene	mg/kg	.025	0.0244	97.5	73-126	WG489116
1,2,4-Trichlorobenzene	mg/kg	.025	0.0199	79.5	61-148	WG489116
1,2,4-Trimethylbenzene	mg/kg	.025	0.0278	111.	68-135	WG489116
1,2-Dibromo-3-Chloropropane	mg/kg	.025	0.0213	85.1	61-134	WG489116
1,2-Dibromoethane	mg/kg	.025	0.0235	94.0	76-127	WG489116
1,2-Dichlorobenzene	mg/kg	.025	0.0242	97.0	77-123	WG489116
1,2-Dichloroethane	mg/kg	.025	0.0206	82.2	58-141	WG489116
1,2-Dichloropropane	mg/kg	.025	0.0231	92.3	71-128	WG489116
1,3,5-Trimethylbenzene	mg/kg	.025	0.0265	106.	71-133	WG489116
1,3-Dichlorobenzene	mg/kg	.025	0.0266	106.	71-132	WG489116
1,3-Dichloropropane	mg/kg	.025	0.0221	88.4	76-120	WG489116
1,4-Dichlorobenzene	mg/kg	.025	0.0229	91.4	72-123	WG489116
2,2-Dichloropropane	mg/kg	.025	0.0209	83.8	50-147	WG489116
2-Butanone (MEK)	mg/kg	.125	0.113	90.6	51-131	WG489116
2-Chloroethyl vinyl ether	mg/kg	.125	0.127	102.	0-188	WG489116
2-Chlorotoluene	mg/kg	.025	0.0252	101.	73-128	WG489116
4-Chlorotoluene	mg/kg	.025	0.0250	100.	72-129	WG489116
4-Methyl-2-pentanone (MIBK)	mg/kg	.125	0.122	97.5	61-143	WG489116
Acetone	mg/kg	.125	0.136	109.	44-140	WG489116
Acrylonitrile	mg/kg	.125	0.106	84.8	55-143	WG489116
Benzene	mg/kg	.025	0.0217	86.7	65-128	WG489116
Bromobenzene	mg/kg	.025	0.0236	94.3	75-123	WG489116
Bromodichloromethane	mg/kg	.025	0.0252	101.	66-126	WG489116

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Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
Bromoform	mg/kg	.025	0.0253	101.	64-139	WG489116
Bromomethane	mg/kg	.025	0.0325	130.	41-175	WG489116
Carbon tetrachloride	mg/kg	.025	0.0202	80.8	60-140	WG489116
Chlorobenzene	mg/kg	.025	0.0254	102.	75-125	WG489116
Chlorodibromomethane	mg/kg	.025	0.0246	98.4	72-137	WG489116
Chloroethane	mg/kg	.025	0.0359	144.	44-159	WG489116
Chloroform	mg/kg	.025	0.0219	87.6	63-123	WG489116
Chloromethane	mg/kg	.025	0.0235	93.9	42-149	WG489116
cis-1,2-Dichloroethene	mg/kg	.025	0.0217	86.9	71-129	WG489116
cis-1,3-Dichloropropene	mg/kg	.025	0.0233	93.4	73-132	WG489116
Di-isopropyl ether	mg/kg	.025	0.0221	88.5	59-143	WG489116
Dibromomethane	mg/kg	.025	0.0225	90.1	70-130	WG489116
Dichlorodifluoromethane	mg/kg	.025	0.0249	99.7	26-186	WG489116
Ethylbenzene	mg/kg	.025	0.0254	102.	74-128	WG489116
Hexachloro-1,3-butadiene	mg/kg	.025	0.0238	95.3	65-137	WG489116
Isopropylbenzene	mg/kg	.025	0.0241	96.3	73-130	WG489116
Methyl tert-butyl ether	mg/kg	.025	0.0210	83.9	44-148	WG489116
Methylene Chloride	mg/kg	.025	0.0277	111.	57-129	WG489116
n-Butylbenzene	mg/kg	.025	0.0238	95.3	60-145	WG489116
n-Propylbenzene	mg/kg	.025	0.0257	103.	71-132	WG489116
Naphthalene	mg/kg	.025	0.0216	86.3	61-142	WG489116
p-Isopropyltoluene	mg/kg	.025	0.0282	113.	67-138	WG489116
sec-Butylbenzene	mg/kg	.025	0.0278	111.	71-134	WG489116
Styrene	mg/kg	.025	0.0301	120.	76-133	WG489116
tert-Butylbenzene	mg/kg	.025	0.0270	108.	72-132	WG489116
Tetrachloroethene	mg/kg	.025	0.0240	95.8	65-135	WG489116
Toluene	mg/kg	.025	0.0224	89.7	70-120	WG489116
trans-1,2-Dichloroethene	mg/kg	.025	0.0293	117.	61-133	WG489116
trans-1,3-Dichloropropene	mg/kg	.025	0.0240	95.9	70-135	WG489116
Trichloroethene	mg/kg	.025	0.0234	93.7	71-126	WG489116
Trichlorofluoromethane	mg/kg	.025	0.0285	114.	52-147	WG489116
Vinyl chloride	mg/kg	.025	0.0247	98.8	50-151	WG489116
Xylenes, Total	mg/kg	.075	0.0768	102.	74-127	WG489116
4-Bromofluorobenzene				101.8	59-140	WG489116
Dibromofluoromethane				95.57	63-139	WG489116
Toluene-d8				99.30	84-116	WG489116
a,a,a-Trifluorotoluene				105.2	80-118	WG489116
1,1,1,2-Tetrachloroethane	mg/kg	.025	0.0224	89.6	73-134	WG489909
1,1,1-Trichloroethane	mg/kg	.025	0.0276	110.	62-135	WG489909
1,1,2,2-Tetrachloroethane	mg/kg	.025	0.0287	115.	74-129	WG489909
1,1,2-Trichloroethane	mg/kg	.025	0.0253	101.	77-124	WG489909
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	.025	0.0240	95.8	49-155	WG489909
1,1-Dichloroethane	mg/kg	.025	0.0266	107.	61-134	WG489909
1,1-Dichloroethene	mg/kg	.025	0.0242	96.8	53-136	WG489909
1,1-Dichloropropene	mg/kg	.025	0.0277	111.	63-132	WG489909
1,2,3-Trichlorobenzene	mg/kg	.025	0.0250	99.9	62-146	WG489909
1,2,3-Trichloropropane	mg/kg	.025	0.0264	105.	70-133	WG489909
1,2,3-Trimethylbenzene	mg/kg	.025	0.0283	113.	73-126	WG489909
1,2,4-Trichlorobenzene	mg/kg	.025	0.0240	96.1	61-148	WG489909
1,2,4-Trimethylbenzene	mg/kg	.025	0.0277	111.	68-135	WG489909
1,2-Dibromo-3-Chloropropane	mg/kg	.025	0.0291	116.	61-134	WG489909
1,2-Dibromoethane	mg/kg	.025	0.0253	101.	76-127	WG489909
1,2-Dichlorobenzene	mg/kg	.025	0.0259	104.	77-123	WG489909
1,2-Dichloroethane	mg/kg	.025	0.0283	113.	58-141	WG489909
1,2-Dichloropropane	mg/kg	.025	0.0261	105.	71-128	WG489909
1,3,5-Trimethylbenzene	mg/kg	.025	0.0271	108.	71-133	WG489909
1,3-Dichlorobenzene	mg/kg	.025	0.0243	97.3	71-132	WG489909

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Quality Assurance Report
Level II

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Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

July 26, 2010

Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
1,3-Dichloropropane	mg/kg	.025	0.0258	103.	76-120	WG489909
1,4-Dichlorobenzene	mg/kg	.025	0.0251	100.	72-123	WG489909
2,2-Dichloropropane	mg/kg	.025	0.0265	106.	50-147	WG489909
2-Butanone (MEK)	mg/kg	.125	0.155	124.	51-131	WG489909
2-Chloroethyl vinyl ether	mg/kg	.125	0.140	112.	0-188	WG489909
2-Chlorotoluene	mg/kg	.025	0.0273	109.	73-128	WG489909
4-Chlorotoluene	mg/kg	.025	0.0259	104.	72-129	WG489909
4-Methyl-2-pentanone (MIBK)	mg/kg	.125	0.161	129.	61-143	WG489909
Acetone	mg/kg	.125	0.174	139.	44-140	WG489909
Acrylonitrile	mg/kg	.125	0.163	130.	55-143	WG489909
Benzene	mg/kg	.025	0.0266	107.	65-128	WG489909
Bromobenzene	mg/kg	.025	0.0261	104.	75-123	WG489909
Bromodichloromethane	mg/kg	.025	0.0261	104.	66-126	WG489909
Bromoform	mg/kg	.025	0.0201	80.4	64-139	WG489909
Bromomethane	mg/kg	.025	0.0370	148.	41-175	WG489909
Carbon tetrachloride	mg/kg	.025	0.0242	96.7	60-140	WG489909
Chlorobenzene	mg/kg	.025	0.0255	102.	75-125	WG489909
Chlorodibromomethane	mg/kg	.025	0.0224	89.8	72-137	WG489909
Chloroethane	mg/kg	.025	0.0318	127.	44-159	WG489909
Chloroform	mg/kg	.025	0.0280	112.	63-123	WG489909
Chloromethane	mg/kg	.025	0.0278	111.	42-149	WG489909
cis-1,2-Dichloroethene	mg/kg	.025	0.0262	105.	71-129	WG489909
cis-1,3-Dichloropropene	mg/kg	.025	0.0248	99.3	73-132	WG489909
Di-isopropyl ether	mg/kg	.025	0.0253	101.	59-143	WG489909
Dibromomethane	mg/kg	.025	0.0269	108.	70-130	WG489909
Dichlorodifluoromethane	mg/kg	.025	0.0303	121.	26-186	WG489909
Ethylbenzene	mg/kg	.025	0.0257	103.	74-128	WG489909
Hexachloro-1,3-butadiene	mg/kg	.025	0.0272	109.	65-137	WG489909
Isopropylbenzene	mg/kg	.025	0.0252	101.	73-130	WG489909
Methyl tert-butyl ether	mg/kg	.025	0.0263	105.	44-148	WG489909
Methylene Chloride	mg/kg	.025	0.0227	90.9	57-129	WG489909
n-Butylbenzene	mg/kg	.025	0.0284	114.	60-145	WG489909
n-Propylbenzene	mg/kg	.025	0.0274	110.	71-132	WG489909
Naphthalene	mg/kg	.025	0.0276	110.	61-142	WG489909
p-Isopropyltoluene	mg/kg	.025	0.0266	106.	67-138	WG489909
sec-Butylbenzene	mg/kg	.025	0.0276	110.	71-134	WG489909
Styrene	mg/kg	.025	0.0274	110.	76-133	WG489909
tert-Butylbenzene	mg/kg	.025	0.0262	105.	72-132	WG489909
Tetrachloroethene	mg/kg	.025	0.0247	99.0	65-135	WG489909
Toluene	mg/kg	.025	0.0272	109.	70-120	WG489909
trans-1,2-Dichloroethene	mg/kg	.025	0.0256	102.	61-133	WG489909
trans-1,3-Dichloropropene	mg/kg	.025	0.0265	106.	70-135	WG489909
Trichloroethene	mg/kg	.025	0.0244	97.6	71-126	WG489909
Trichlorofluoromethane	mg/kg	.025	0.0297	119.	52-147	WG489909
Vinyl chloride	mg/kg	.025	0.0317	127.	50-151	WG489909
Xylenes, Total	mg/kg	.075	0.0756	101.	74-127	WG489909
4-Bromofluorobenzene				97.18	59-140	WG489909
Dibromofluoromethane				110.0	63-139	WG489909
Toluene-d8				101.0	84-116	WG489909
a,a,a-Trifluorotoluene				98.59	80-118	WG489909
1,1,1,2-Tetrachloroethane	mg/kg	.025	0.0272	109.	73-134	WG489723
1,1,1-Trichloroethane	mg/kg	.025	0.0255	102.	62-135	WG489723
1,1,2,2-Tetrachloroethane	mg/kg	.025	0.0273	109.	74-129	WG489723
1,1,2-Trichloroethane	mg/kg	.025	0.0272	109.	77-124	WG489723
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	.025	0.0223	89.4	49-155	WG489723
1,1-Dichloroethane	mg/kg	.025	0.0246	98.4	61-134	WG489723
1,1-Dichloroethene	mg/kg	.025	0.0219	87.7	53-136	WG489723

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July 26, 2010

Analyte	Units	Laboratory Control Known Val	Sample Result	% Rec	Limit	Batch
1,1-Dichloropropene	mg/kg	.025	0.0253	101.	63-132	WG489723
1,2,3-Trichlorobenzene	mg/kg	.025	0.0274	110.	62-146	WG489723
1,2,3-Trichloropropane	mg/kg	.025	0.0254	102.	70-133	WG489723
1,2,3-Trimethylbenzene	mg/kg	.025	0.0276	110.	73-126	WG489723
1,2,4-Trichlorobenzene	mg/kg	.025	0.0269	108.	61-148	WG489723
1,2,4-Trimethylbenzene	mg/kg	.025	0.0278	111.	68-135	WG489723
1,2-Dibromo-3-Chloropropane	mg/kg	.025	0.0220	88.1	61-134	WG489723
1,2-Dibromoethane	mg/kg	.025	0.0273	109.	76-127	WG489723
1,2-Dichlorobenzene	mg/kg	.025	0.0273	109.	77-123	WG489723
1,2-Dichloroethane	mg/kg	.025	0.0259	103.	58-141	WG489723
1,2-Dichloropropane	mg/kg	.025	0.0268	107.	71-128	WG489723
1,3,5-Trimethylbenzene	mg/kg	.025	0.0267	107.	71-133	WG489723
1,3-Dichlorobenzene	mg/kg	.025	0.0269	108.	71-132	WG489723
1,3-Dichloropropane	mg/kg	.025	0.0250	99.9	76-120	WG489723
1,4-Dichlorobenzene	mg/kg	.025	0.0253	101.	72-123	WG489723
2,2-Dichloropropane	mg/kg	.025	0.0232	92.7	50-147	WG489723
2-Butanone (MEK)	mg/kg	.125	0.127	101.	51-131	WG489723
2-Chloroethyl vinyl ether	mg/kg	.125	0.131	105.	0-188	WG489723
2-Chlorotoluene	mg/kg	.025	0.0272	109.	73-128	WG489723
4-Chlorotoluene	mg/kg	.025	0.0272	109.	72-129	WG489723
4-Methyl-2-pentanone (MIBK)	mg/kg	.125	0.126	101.	61-143	WG489723
Acetone	mg/kg	.125	0.132	106.	44-140	WG489723
Acrylonitrile	mg/kg	.125	0.122	97.8	55-143	WG489723
Benzene	mg/kg	.025	0.0241	96.3	65-128	WG489723
Bromobenzene	mg/kg	.025	0.0260	104.	75-123	WG489723
Bromodichloromethane	mg/kg	.025	0.0275	110.	66-126	WG489723
Bromoform	mg/kg	.025	0.0213	85.1	64-139	WG489723
Bromomethane	mg/kg	.025	0.0260	104.	41-175	WG489723
Carbon tetrachloride	mg/kg	.025	0.0242	96.9	60-140	WG489723
Chlorobenzene	mg/kg	.025	0.0256	103.	75-125	WG489723
Chlorodibromomethane	mg/kg	.025	0.0275	110.	72-137	WG489723
Chloroethane	mg/kg	.025	0.0312	125.	44-159	WG489723
Chloroform	mg/kg	.025	0.0253	101.	63-123	WG489723
Chloromethane	mg/kg	.025	0.0259	104.	42-149	WG489723
cis-1,2-Dichloroethene	mg/kg	.025	0.0256	103.	71-129	WG489723
cis-1,3-Dichloropropene	mg/kg	.025	0.0279	112.	73-132	WG489723
Di-isopropyl ether	mg/kg	.025	0.0243	97.3	59-143	WG489723
Dibromomethane	mg/kg	.025	0.0266	107.	70-130	WG489723
Dichlorodifluoromethane	mg/kg	.025	0.0230	92.0	26-186	WG489723
Ethylbenzene	mg/kg	.025	0.0265	106.	74-128	WG489723
Hexachloro-1,3-butadiene	mg/kg	.025	0.0283	113.	65-137	WG489723
Isopropylbenzene	mg/kg	.025	0.0247	98.7	73-130	WG489723
Methyl tert-butyl ether	mg/kg	.025	0.0233	93.2	44-148	WG489723
Methylene Chloride	mg/kg	.025	0.0237	95.0	57-129	WG489723
n-Butylbenzene	mg/kg	.025	0.0268	107.	60-145	WG489723
n-Propylbenzene	mg/kg	.025	0.0262	105.	71-132	WG489723
Naphthalene	mg/kg	.025	0.0261	104.	61-142	WG489723
p-Isopropyltoluene	mg/kg	.025	0.0264	106.	67-138	WG489723
sec-Butylbenzene	mg/kg	.025	0.0272	109.	71-134	WG489723
Styrene	mg/kg	.025	0.0289	116.	76-133	WG489723
tert-Butylbenzene	mg/kg	.025	0.0272	109.	72-132	WG489723
Tetrachloroethene	mg/kg	.025	0.0254	102.	65-135	WG489723
Toluene	mg/kg	.025	0.0233	93.2	70-120	WG489723
trans-1,2-Dichloroethene	mg/kg	.025	0.0243	97.2	61-133	WG489723
trans-1,3-Dichloropropene	mg/kg	.025	0.0256	102.	70-135	WG489723
Trichloroethene	mg/kg	.025	0.0259	104.	71-126	WG489723
Trichlorofluoromethane	mg/kg	.025	0.0289	115.	52-147	WG489723
Vinyl chloride	mg/kg	.025	0.0263	105.	50-151	WG489723
Xylenes, Total	mg/kg	.075	0.0786	105.	74-127	WG489723

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Quality Assurance Report
Level II

L469002

July 26, 2010

Analyte	Laboratory Control Sample Duplicate				Limit	RPD	Limit	Batch
	Units	Result	Ref	%Rec				
4-Bromofluorobenzene					102.7		59-140	
Dibromofluoromethane					103.4		63-139	
Toluene-d8					103.7		84-116	
a,a,a-Trifluorotoluene					103.6		80-118	

Analyte	Laboratory Control Sample Duplicate				Limit	RPD	Limit	Batch
	Units	Result	Ref	%Rec				
1,1,1,2-Tetrachloroethane	mg/kg	0.0252	0.0229	101.	73-134	9.64	20	WG489110
1,1,1-Trichloroethane	mg/kg	0.0259	0.0232	103.	62-135	10.9	20	WG489110
1,1,2,2-Tetrachloroethane	mg/kg	0.0270	0.0232	108.	74-129	15.2	20	WG489110
1,1,2-Trichloroethane	mg/kg	0.0267	0.0236	107.	77-124	12.4	20	WG489110
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0247	0.0225	99.0	49-155	9.38	20	WG489110
1,1-Dichloroethane	mg/kg	0.0263	0.0239	105.	61-134	9.51	20	WG489110
1,1-Dichloroethene	mg/kg	0.0268	0.0237	107.	53-136	12.4	20	WG489110
1,1-Dichloropropene	mg/kg	0.0253	0.0229	101.	63-132	9.97	20	WG489110
1,2,3-Trichlorobenzene	mg/kg	0.0279	0.0260	111.	62-146	6.99	20	WG489110
1,2,3-Trichloropropane	mg/kg	0.0253	0.0222	101.	70-133	12.9	20	WG489110
1,2,3-Trimethylbenzene	mg/kg	0.0258	0.0237	103.	73-126	8.61	20	WG489110
1,2,4-Trichlorobenzene	mg/kg	0.0296	0.0269	118.	61-148	9.66	20	WG489110
1,2,4-Trimethylbenzene	mg/kg	0.0267	0.0246	107.	68-135	8.04	20	WG489110
1,2-Dibromo-3-Chloropropane	mg/kg	0.0242	0.0215	97.0	61-134	11.7	21	WG489110
1,2-Dibromoethane	mg/kg	0.0263	0.0233	105.	76-127	12.3	20	WG489110
1,2-Dichlorobenzene	mg/kg	0.0256	0.0239	102.	77-123	6.85	20	WG489110
1,2-Dichloroethane	mg/kg	0.0249	0.0226	100.	58-141	9.57	20	WG489110
1,2-Dichloropropane	mg/kg	0.0264	0.0244	106.	71-128	7.75	20	WG489110
1,3,5-Trimethylbenzene	mg/kg	0.0270	0.0245	108.	71-133	9.64	20	WG489110
1,3-Dichlorobenzene	mg/kg	0.0263	0.0236	105.	71-132	10.7	20	WG489110
1,3-Dichloropropane	mg/kg	0.0256	0.0221	102.	76-120	15.0	20	WG489110
1,4-Dichlorobenzene	mg/kg	0.0248	0.0233	99.0	72-123	6.05	20	WG489110
2,2-Dichloropropane	mg/kg	0.0259	0.0235	103.	50-147	9.65	20	WG489110
2-Butanone (MEK)	mg/kg	0.143	0.124	114.	51-131	14.1	25	WG489110
2-Chloroethyl vinyl ether	mg/kg	0.0947	0.0765	76.0	0-188	21.3	39	WG489110
2-Chlorotoluene	mg/kg	0.0266	0.0242	106.	73-128	9.31	20	WG489110
4-Chlorotoluene	mg/kg	0.0274	0.0244	110.	72-129	11.8	20	WG489110
4-Methyl-2-pentanone (MIBK)	mg/kg	0.136	0.119	109.	61-143	13.5	23	WG489110
Acetone	mg/kg	0.166	0.145	132.	44-140	13.3	25	WG489110
Acrylonitrile	mg/kg	0.146	0.129	117.	55-143	12.2	20	WG489110
Benzene	mg/kg	0.0262	0.0239	105.	65-128	9.24	20	WG489110
Bromobenzene	mg/kg	0.0256	0.0233	102.	75-123	9.21	20	WG489110
Bromodichloromethane	mg/kg	0.0271	0.0250	108.	66-126	8.07	20	WG489110
Bromoform	mg/kg	0.0291	0.0252	116.	64-139	14.2	20	WG489110
Bromomethane	mg/kg	0.0282	0.0254	113.	41-175	10.4	20	WG489110
Carbon tetrachloride	mg/kg	0.0255	0.0229	102.	60-140	10.4	20	WG489110
Chlorobenzene	mg/kg	0.0267	0.0237	107.	75-125	12.1	20	WG489110
Chlorodibromomethane	mg/kg	0.0272	0.0237	109.	72-137	14.0	20	WG489110
Chloroethane	mg/kg	0.0292	0.0267	117.	44-159	8.63	20	WG489110
Chloroform	mg/kg	0.0259	0.0237	103.	63-123	8.60	20	WG489110
Chloromethane	mg/kg	0.0276	0.0254	110.	42-149	8.56	20	WG489110
cis-1,2-Dichloroethene	mg/kg	0.0271	0.0236	108.	71-129	14.0	20	WG489110
cis-1,3-Dichloropropene	mg/kg	0.0273	0.0254	109.	73-132	7.35	20	WG489110
Di-isopropyl ether	mg/kg	0.0267	0.0245	107.	59-143	8.75	20	WG489110
Dibromomethane	mg/kg	0.0264	0.0225	106.	70-130	15.9	20	WG489110
Dichlorodifluoromethane	mg/kg	0.0251	0.0237	100.	26-186	6.08	22	WG489110
Ethylbenzene	mg/kg	0.0268	0.0238	107.	74-128	11.9	20	WG489110
Hexachloro-1,3-butadiene	mg/kg	0.0242	0.0224	97.0	65-137	8.00	20	WG489110
Isopropylbenzene	mg/kg	0.0275	0.0248	110.	73-130	10.4	20	WG489110
Methyl tert-butyl ether	mg/kg	0.0259	0.0241	103.	44-148	6.94	20	WG489110
Methylene Chloride	mg/kg	0.0263	0.0241	105.	57-129	8.61	20	WG489110

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Quality Assurance Report
Level II

L469002

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1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

July 26, 2010

Analyte	Units	Laboratory Control Sample Duplicate			Limit	RPD	Limit	Batch
		Result	Ref	%Rec				
n-Butylbenzene	mg/kg	0.0282	0.0264	113.	60-145	6.41	20	WG489110
n-Propylbenzene	mg/kg	0.0268	0.0243	107.	71-132	9.75	20	WG489110
Naphthalene	mg/kg	0.0279	0.0245	112.	61-142	13.1	20	WG489110
p-Isopropyltoluene	mg/kg	0.0281	0.0253	112.	67-138	10.5	20	WG489110
sec-Butylbenzene	mg/kg	0.0284	0.0253	113.	71-134	11.5	20	WG489110
Styrene	mg/kg	0.0280	0.0253	112.	76-133	10.3	20	WG489110
tert-Butylbenzene	mg/kg	0.0280	0.0253	112.	72-132	10.1	20	WG489110
Tetrachloroethene	mg/kg	0.0242	0.0220	97.0	65-135	9.63	20	WG489110
Toluene	mg/kg	0.0265	0.0239	106.	70-120	10.5	20	WG489110
trans-1,2-Dichloroethene	mg/kg	0.0252	0.0230	101.	61-133	8.79	20	WG489110
trans-1,3-Dichloropropene	mg/kg	0.0274	0.0242	110.	70-135	12.2	20	WG489110
Trichloroethene	mg/kg	0.0246	0.0224	98.0	71-126	9.03	20	WG489110
Trichlorofluoromethane	mg/kg	0.0270	0.0259	108.	52-147	3.88	20	WG489110
Vinyl chloride	mg/kg	0.0302	0.0276	121.	50-151	8.82	20	WG489110
Xylenes, Total	mg/kg	0.0799	0.0713	106.	74-127	11.3	20	WG489110
4-Bromofluorobenzene				104.6	59-140			WG489110
Dibromofluoromethane				103.3	63-139			WG489110
Toluene-d8				102.8	84-116			WG489110
a,a,a-Trifluorotoluene				105.0	80-118			WG489110
1,1,1,2-Tetrachloroethane	mg/kg	0.0246	0.0252	98.0	73-134	2.43	20	WG489116
1,1,1-Trichloroethane	mg/kg	0.0210	0.0208	84.0	62-135	0.930	20	WG489116
1,1,2,2-Tetrachloroethane	mg/kg	0.0247	0.0248	99.0	74-129	0.430	20	WG489116
1,1,2-Trichloroethane	mg/kg	0.0246	0.0249	98.0	77-124	0.830	20	WG489116
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0230	0.0229	92.0	49-155	0.790	20	WG489116
1,1-Dichloroethane	mg/kg	0.0212	0.0212	85.0	61-134	0	20	WG489116
1,1-Dichloroethene	mg/kg	0.0231	0.0236	92.0	53-136	1.98	20	WG489116
1,1-Dichloropropene	mg/kg	0.0213	0.0215	85.0	63-132	0.690	20	WG489116
1,2,3-Trichlorobenzene	mg/kg	0.0208	0.0205	83.0	62-146	1.52	20	WG489116
1,2,3-Trichloropropane	mg/kg	0.0234	0.0248	93.0	70-133	6.06	20	WG489116
1,2,3-Trimethylbenzene	mg/kg	0.0239	0.0244	96.0	73-126	2.09	20	WG489116
1,2,4-Trichlorobenzene	mg/kg	0.0204	0.0199	82.0	61-148	2.48	20	WG489116
1,2,4-Trimethylbenzene	mg/kg	0.0276	0.0278	110.	68-135	0.530	20	WG489116
1,2-Dibromo-3-Chloropropane	mg/kg	0.0214	0.0213	86.0	61-134	0.730	21	WG489116
1,2-Dibromoethane	mg/kg	0.0237	0.0235	95.0	76-127	0.810	20	WG489116
1,2-Dichlorobenzene	mg/kg	0.0245	0.0242	98.0	77-123	1.13	20	WG489116
1,2-Dichloroethane	mg/kg	0.0208	0.0206	83.0	58-141	1.13	20	WG489116
1,2-Dichloropropane	mg/kg	0.0227	0.0231	91.0	71-128	1.77	20	WG489116
1,3,5-Trimethylbenzene	mg/kg	0.0262	0.0265	105.	71-133	1.10	20	WG489116
1,3-Dichlorobenzene	mg/kg	0.0277	0.0266	111.	71-132	3.95	20	WG489116
1,3-Dichloropropane	mg/kg	0.0220	0.0221	88.0	76-120	0.350	20	WG489116
1,4-Dichlorobenzene	mg/kg	0.0226	0.0229	90.0	72-123	1.08	20	WG489116
2,2-Dichloropropane	mg/kg	0.0208	0.0209	83.0	50-147	0.820	20	WG489116
2-Butanone (MEK)	mg/kg	0.115	0.113	92.0	51-131	1.72	25	WG489116
2-Chloroethyl vinyl ether	mg/kg	0.128	0.127	102.	0-188	0.390	39	WG489116
2-Chlorotoluene	mg/kg	0.0253	0.0252	101.	73-128	0.480	20	WG489116
4-Chlorotoluene	mg/kg	0.0254	0.0250	102.	72-129	1.56	20	WG489116
4-Methyl-2-pentanone (MIBK)	mg/kg	0.123	0.122	98.0	61-143	0.510	23	WG489116
Acetone	mg/kg	0.138	0.136	110.	44-140	1.35	25	WG489116
Acrylonitrile	mg/kg	0.107	0.106	85.0	55-143	0.840	20	WG489116
Benzene	mg/kg	0.0217	0.0217	87.0	65-128	0.0100	20	WG489116
Bromobenzene	mg/kg	0.0241	0.0236	96.0	75-123	2.46	20	WG489116
Bromodichloromethane	mg/kg	0.0243	0.0252	97.0	66-126	3.47	20	WG489116
Bromoform	mg/kg	0.0246	0.0253	98.0	64-139	2.78	20	WG489116
Bromomethane	mg/kg	0.0310	0.0325	124.	41-175	4.72	20	WG489116
Carbon tetrachloride	mg/kg	0.0203	0.0202	81.0	60-140	0.680	20	WG489116
Chlorobenzene	mg/kg	0.0253	0.0254	101.	75-125	0.260	20	WG489116
Chlorodibromomethane	mg/kg	0.0252	0.0246	101.	72-137	2.33	20	WG489116

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Analyte	Units	Laboratory Control Sample Duplicate			Limit	RPD	Limit	Batch
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Chloroethane	mg/kg	0.0344	0.0359	137.	44-159	4.45	20	WG489116
Chloroform	mg/kg	0.0218	0.0219	87.0	63-123	0.560	20	WG489116
Chloromethane	mg/kg	0.0229	0.0235	91.0	42-149	2.67	20	WG489116
cis-1,2-Dichloroethene	mg/kg	0.0217	0.0217	87.0	71-129	0.0200	20	WG489116
cis-1,3-Dichloropropene	mg/kg	0.0235	0.0233	94.0	73-132	0.660	20	WG489116
Di-isopropyl ether	mg/kg	0.0226	0.0221	90.0	59-143	2.34	20	WG489116
Dibromomethane	mg/kg	0.0223	0.0225	89.0	70-130	1.06	20	WG489116
Dichlorodifluoromethane	mg/kg	0.0242	0.0249	97.0	26-186	3.13	22	WG489116
Ethylbenzene	mg/kg	0.0251	0.0254	100.	74-128	1.35	20	WG489116
Hexachloro-1,3-butadiene	mg/kg	0.0229	0.0238	92.0	65-137	3.81	20	WG489116
Isopropylbenzene	mg/kg	0.0233	0.0241	93.0	73-130	3.18	20	WG489116
Methyl tert-butyl ether	mg/kg	0.0210	0.0210	84.0	44-148	0.110	20	WG489116
Methylene Chloride	mg/kg	0.0275	0.0277	110.	57-129	0.880	20	WG489116
n-Butylbenzene	mg/kg	0.0240	0.0238	96.0	60-145	0.540	20	WG489116
n-Propylbenzene	mg/kg	0.0258	0.0257	103.	71-132	0.310	20	WG489116
Naphthalene	mg/kg	0.0222	0.0216	89.0	61-142	2.81	20	WG489116
p-Isopropyltoluene	mg/kg	0.0281	0.0282	112.	67-138	0.180	20	WG489116
sec-Butylbenzene	mg/kg	0.0276	0.0278	110.	71-134	0.680	20	WG489116
Styrene	mg/kg	0.0304	0.0301	122.	76-133	1.10	20	WG489116
tert-Butylbenzene	mg/kg	0.0274	0.0270	109.	72-132	1.36	20	WG489116
Tetrachloroethene	mg/kg	0.0238	0.0240	95.0	65-135	0.650	20	WG489116
Toluene	mg/kg	0.0221	0.0224	88.0	70-120	1.31	20	WG489116
trans-1,2-Dichloroethene	mg/kg	0.0297	0.0293	119.	61-133	1.49	20	WG489116
trans-1,3-Dichloropropene	mg/kg	0.0247	0.0240	99.0	70-135	3.21	20	WG489116
Trichloroethene	mg/kg	0.0233	0.0234	93.0	71-126	0.690	20	WG489116
Trichlorofluoromethane	mg/kg	0.0274	0.0285	110.	52-147	3.93	20	WG489116
Vinyl chloride	mg/kg	0.0241	0.0247	96.0	50-151	2.68	20	WG489116
Xylenes, Total	mg/kg	0.0765	0.0768	102.	74-127	0.400	20	WG489116
4-Bromofluorobenzene				102.6	59-140			WG489116
Dibromofluoromethane				99.32	63-139			WG489116
Toluene-d8				98.43	84-116			WG489116
a,a,a-Trifluorotoluene				105.9	80-118			WG489116
1,1,1,2-Tetrachloroethane	mg/kg	0.0232	0.0224	93.0	73-134	3.46	20	WG489909
1,1,1-Trichloroethane	mg/kg	0.0274	0.0276	109.	62-135	0.880	20	WG489909
1,1,2,2-Tetrachloroethane	mg/kg	0.0290	0.0287	116.	74-129	1.13	20	WG489909
1,1,2-Trichloroethane	mg/kg	0.0253	0.0253	101.	77-124	0.310	20	WG489909
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0217	0.0240	87.0	49-155	9.68	20	WG489909
1,1-Dichloroethane	mg/kg	0.0256	0.0266	102.	61-134	3.98	20	WG489909
1,1-Dichloroethene	mg/kg	0.0230	0.0242	92.0	53-136	5.21	20	WG489909
1,1-Dichloropropene	mg/kg	0.0270	0.0277	108.	63-132	2.44	20	WG489909
1,2,3-Trichlorobenzene	mg/kg	0.0242	0.0250	97.0	62-146	3.12	20	WG489909
1,2,3-Trichloropropane	mg/kg	0.0281	0.0264	112.	70-133	6.22	20	WG489909
1,2,3-Trimethylbenzene	mg/kg	0.0276	0.0283	110.	73-126	2.44	20	WG489909
1,2,4-Trichlorobenzene	mg/kg	0.0218	0.0240	87.0	61-148	9.50	20	WG489909
1,2,4-Trimethylbenzene	mg/kg	0.0273	0.0277	109.	68-135	1.78	20	WG489909
1,2-Dibromo-3-Chloropropane	mg/kg	0.0296	0.0291	118.	61-134	1.79	21	WG489909
1,2-Dibromoethane	mg/kg	0.0264	0.0253	106.	76-127	4.48	20	WG489909
1,2-Dichlorobenzene	mg/kg	0.0243	0.0259	97.0	77-123	6.39	20	WG489909
1,2-Dichloroethane	mg/kg	0.0291	0.0283	116.	58-141	2.68	20	WG489909
1,2-Dichloropropane	mg/kg	0.0249	0.0261	100.	71-128	4.85	20	WG489909
1,3,5-Trimethylbenzene	mg/kg	0.0269	0.0271	108.	71-133	0.590	20	WG489909
1,3-Dichlorobenzene	mg/kg	0.0242	0.0243	97.0	71-132	0.580	20	WG489909
1,3-Dichloropropane	mg/kg	0.0263	0.0258	105.	76-120	1.76	20	WG489909
1,4-Dichlorobenzene	mg/kg	0.0241	0.0251	96.0	72-123	3.71	20	WG489909
2,2-Dichloropropane	mg/kg	0.0263	0.0265	105.	50-147	0.660	20	WG489909
2-Butanone (MEK)	mg/kg	0.168	0.155	134*	51-131	8.02	25	WG489909
2-Chloroethyl vinyl ether	mg/kg	0.139	0.140	111.	0-188	1.13	39	WG489909

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Analyte	Units	Laboratory Control Sample Duplicate			Limit	RPD	Limit	Batch
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2-Chlorotoluene	mg/kg	0.0272	0.0273	109.	73-128	0.410	20	WG489909
4-Chlorotoluene	mg/kg	0.0255	0.0259	102.	72-129	1.48	20	WG489909
4-Methyl-2-pentanone (MIBK)	mg/kg	0.172	0.161	138.	61-143	6.28	23	WG489909
Acetone	mg/kg	0.192	0.174	153*	44-140	9.56	25	WG489909
Acrylonitrile	mg/kg	0.172	0.163	138.	55-143	5.67	20	WG489909
Benzene	mg/kg	0.0257	0.0266	103.	65-128	3.54	20	WG489909
Bromobenzene	mg/kg	0.0270	0.0261	108.	75-123	3.28	20	WG489909
Bromodichloromethane	mg/kg	0.0257	0.0261	103.	66-126	1.47	20	WG489909
Bromoform	mg/kg	0.0212	0.0201	85.0	64-139	5.43	20	WG489909
Bromomethane	mg/kg	0.0369	0.0370	147.	41-175	0.470	20	WG489909
Carbon tetrachloride	mg/kg	0.0243	0.0242	97.0	60-140	0.640	20	WG489909
Chlorobenzene	mg/kg	0.0258	0.0255	103.	75-125	1.14	20	WG489909
Chlorodibromomethane	mg/kg	0.0234	0.0224	94.0	72-137	4.07	20	WG489909
Chloroethane	mg/kg	0.0306	0.0318	122.	44-159	3.85	20	WG489909
Chloroform	mg/kg	0.0267	0.0280	107.	63-123	4.75	20	WG489909
Chloromethane	mg/kg	0.0267	0.0278	107.	42-149	4.02	20	WG489909
cis-1,2-Dichloroethene	mg/kg	0.0253	0.0262	101.	71-129	3.56	20	WG489909
cis-1,3-Dichloropropene	mg/kg	0.0245	0.0248	98.0	73-132	1.25	20	WG489909
Di-isopropyl ether	mg/kg	0.0248	0.0253	99.0	59-143	2.08	20	WG489909
Dibromomethane	mg/kg	0.0256	0.0269	102.	70-130	5.08	20	WG489909
Dichlorodifluoromethane	mg/kg	0.0283	0.0303	113.	26-186	7.05	22	WG489909
Ethylbenzene	mg/kg	0.0248	0.0257	99.0	74-128	3.71	20	WG489909
Hexachloro-1,3-butadiene	mg/kg	0.0258	0.0272	103.	65-137	5.30	20	WG489909
Isopropylbenzene	mg/kg	0.0248	0.0252	99.0	73-130	1.57	20	WG489909
Methyl tert-butyl ether	mg/kg	0.0258	0.0263	103.	44-148	2.17	20	WG489909
Methylene Chloride	mg/kg	0.0234	0.0227	93.0	57-129	2.74	20	WG489909
n-Butylbenzene	mg/kg	0.0266	0.0284	106.	60-145	6.44	20	WG489909
n-Propylbenzene	mg/kg	0.0267	0.0274	107.	71-132	2.69	20	WG489909
Naphthalene	mg/kg	0.0281	0.0276	112.	61-142	2.12	20	WG489909
p-Isopropyltoluene	mg/kg	0.0265	0.0266	106.	67-138	0.280	20	WG489909
sec-Butylbenzene	mg/kg	0.0277	0.0276	111.	71-134	0.240	20	WG489909
Styrene	mg/kg	0.0273	0.0274	109.	76-133	0.410	20	WG489909
tert-Butylbenzene	mg/kg	0.0265	0.0262	106.	72-132	1.16	20	WG489909
Tetrachloroethene	mg/kg	0.0243	0.0247	97.0	65-135	1.79	20	WG489909
Toluene	mg/kg	0.0261	0.0272	104.	70-120	4.15	20	WG489909
trans-1,2-Dichloroethene	mg/kg	0.0240	0.0256	96.0	61-133	6.65	20	WG489909
trans-1,3-Dichloropropene	mg/kg	0.0265	0.0265	106.	70-135	0.0600	20	WG489909
Trichloroethene	mg/kg	0.0248	0.0244	99.0	71-126	1.73	20	WG489909
Trichlorofluoromethane	mg/kg	0.0292	0.0297	117.	52-147	1.84	20	WG489909
Vinyl chloride	mg/kg	0.0299	0.0317	120.	50-151	5.54	20	WG489909
Xylenes, Total	mg/kg	0.0765	0.0756	102.	74-127	1.11	20	WG489909
4-Bromofluorobenzene				102.3	59-140			WG489909
Dibromofluoromethane				106.2	63-139			WG489909
Toluene-d8				102.1	84-116			WG489909
a,a,a-Trifluorotoluene				94.93	80-118			WG489909
1,1,1,2-Tetrachloroethane	mg/kg	0.0268	0.0272	107.	73-134	1.25	20	WG489723
1,1,1-Trichloroethane	mg/kg	0.0248	0.0255	99.0	62-135	2.72	20	WG489723
1,1,2,2-Tetrachloroethane	mg/kg	0.0273	0.0273	109.	74-129	0.0500	20	WG489723
1,1,2-Trichloroethane	mg/kg	0.0271	0.0272	108.	77-124	0.450	20	WG489723
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0208	0.0223	83.0	49-155	7.24	20	WG489723
1,1-Dichloroethane	mg/kg	0.0237	0.0246	95.0	61-134	3.74	20	WG489723
1,1-Dichloroethene	mg/kg	0.0205	0.0219	82.0	53-136	6.73	20	WG489723
1,1-Dichloropropene	mg/kg	0.0240	0.0253	96.0	63-132	5.26	20	WG489723
1,2,3-Trichlorobenzene	mg/kg	0.0272	0.0274	109.	62-146	0.970	20	WG489723
1,2,3-Trichloropropane	mg/kg	0.0262	0.0254	105.	70-133	2.97	20	WG489723
1,2,3-Trimethylbenzene	mg/kg	0.0273	0.0276	109.	73-126	1.20	20	WG489723
1,2,4-Trichlorobenzene	mg/kg	0.0262	0.0269	105.	61-148	2.65	20	WG489723

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YOUR LAB OF CHOICE

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

Quality Assurance Report
Level II

L469002

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

July 26, 2010

Analyte	Units	Laboratory Control Sample Duplicate			Limit	RPD	Limit	Batch
		Result	Ref	%Rec				
1,2,4-Trimethylbenzene	mg/kg	0.0273	0.0278	109.	68-135	1.58	20	WG489723
1,2-Dibromo-3-Chloropropane	mg/kg	0.0225	0.0220	90.0	61-134	1.97	21	WG489723
1,2-Dibromoethane	mg/kg	0.0273	0.0273	109.	76-127	0.240	20	WG489723
1,2-Dichlorobenzene	mg/kg	0.0268	0.0273	107.	77-123	1.94	20	WG489723
1,2-Dichloroethane	mg/kg	0.0250	0.0259	100.	58-141	3.53	20	WG489723
1,2-Dichloropropane	mg/kg	0.0261	0.0268	104.	71-128	2.60	20	WG489723
1,3,5-Trimethylbenzene	mg/kg	0.0268	0.0267	107.	71-133	0.120	20	WG489723
1,3-Dichlorobenzene	mg/kg	0.0272	0.0269	109.	71-132	1.03	20	WG489723
1,3-Dichloropropane	mg/kg	0.0254	0.0250	102.	76-120	1.76	20	WG489723
1,4-Dichlorobenzene	mg/kg	0.0250	0.0253	100.	72-123	1.31	20	WG489723
2,2-Dichloropropane	mg/kg	0.0226	0.0232	90.0	50-147	2.59	20	WG489723
2-Butanone (MEK)	mg/kg	0.124	0.127	99.0	51-131	2.13	25	WG489723
2-Chloroethyl vinyl ether	mg/kg	0.128	0.131	102.	0-188	2.86	39	WG489723
2-Chlorotoluene	mg/kg	0.0274	0.0272	110.	73-128	0.750	20	WG489723
4-Chlorotoluene	mg/kg	0.0270	0.0272	108.	72-129	0.430	20	WG489723
4-Methyl-2-pentanone (MIBK)	mg/kg	0.125	0.126	100.	61-143	0.560	23	WG489723
Acetone	mg/kg	0.130	0.132	104.	44-140	1.26	25	WG489723
Acrylonitrile	mg/kg	0.119	0.122	96.0	55-143	2.37	20	WG489723
Benzene	mg/kg	0.0231	0.0241	92.0	65-128	4.02	20	WG489723
Bromobenzene	mg/kg	0.0260	0.0260	104.	75-123	0.0100	20	WG489723
Bromodichloromethane	mg/kg	0.0267	0.0275	107.	66-126	3.04	20	WG489723
Bromoform	mg/kg	0.0216	0.0213	86.0	64-139	1.42	20	WG489723
Bromomethane	mg/kg	0.0248	0.0260	99.0	41-175	4.59	20	WG489723
Carbon tetrachloride	mg/kg	0.0233	0.0242	93.0	60-140	3.84	20	WG489723
Chlorobenzene	mg/kg	0.0257	0.0256	103.	75-125	0.150	20	WG489723
Chlorodibromomethane	mg/kg	0.0279	0.0275	112.	72-137	1.61	20	WG489723
Chloroethane	mg/kg	0.0287	0.0312	115.	44-159	8.43	20	WG489723
Chloroform	mg/kg	0.0244	0.0253	98.0	63-123	3.43	20	WG489723
Chloromethane	mg/kg	0.0247	0.0259	99.0	42-149	4.64	20	WG489723
cis-1,2-Dichloroethene	mg/kg	0.0250	0.0256	100.	71-129	2.67	20	WG489723
cis-1,3-Dichloropropene	mg/kg	0.0273	0.0279	109.	73-132	2.05	20	WG489723
Di-isopropyl ether	mg/kg	0.0235	0.0243	94.0	59-143	3.30	20	WG489723
Dibromomethane	mg/kg	0.0265	0.0266	106.	70-130	0.580	20	WG489723
Dichlorodifluoromethane	mg/kg	0.0202	0.0230	81.0	26-186	12.8	22	WG489723
Ethylbenzene	mg/kg	0.0262	0.0265	105.	74-128	1.06	20	WG489723
Hexachloro-1,3-butadiene	mg/kg	0.0285	0.0283	114.	65-137	0.640	20	WG489723
Isopropylbenzene	mg/kg	0.0243	0.0247	97.0	73-130	1.70	20	WG489723
Methyl tert-butyl ether	mg/kg	0.0225	0.0233	90.0	44-148	3.56	20	WG489723
Methylene Chloride	mg/kg	0.0230	0.0237	92.0	57-129	3.35	20	WG489723
n-Butylbenzene	mg/kg	0.0268	0.0268	107.	60-145	0.0100	20	WG489723
n-Propylbenzene	mg/kg	0.0261	0.0262	104.	71-132	0.450	20	WG489723
Naphthalene	mg/kg	0.0260	0.0261	104.	61-142	0.350	20	WG489723
p-Isopropyltoluene	mg/kg	0.0266	0.0264	106.	67-138	0.700	20	WG489723
sec-Butylbenzene	mg/kg	0.0273	0.0272	109.	71-134	0.170	20	WG489723
Styrene	mg/kg	0.0291	0.0289	116.	76-133	0.490	20	WG489723
tert-Butylbenzene	mg/kg	0.0274	0.0272	109.	72-132	0.620	20	WG489723
Tetrachloroethene	mg/kg	0.0255	0.0254	102.	65-135	0.140	20	WG489723
Toluene	mg/kg	0.0226	0.0233	90.0	70-120	2.98	20	WG489723
trans-1,2-Dichloroethene	mg/kg	0.0230	0.0243	92.0	61-133	5.68	20	WG489723
trans-1,3-Dichloropropene	mg/kg	0.0255	0.0256	102.	70-135	0.240	20	WG489723
Trichloroethene	mg/kg	0.0257	0.0259	103.	71-126	0.970	20	WG489723
Trichlorofluoromethane	mg/kg	0.0274	0.0289	110.	52-147	5.04	20	WG489723
Vinyl chloride	mg/kg	0.0253	0.0263	101.	50-151	3.88	20	WG489723
Xylenes, Total	mg/kg	0.0776	0.0786	103.	74-127	1.28	20	WG489723
4-Bromofluorobenzene				105.4	59-140			WG489723
Dibromofluoromethane				102.3	63-139			WG489723
Toluene-d8				103.5	84-116			WG489723
a,a,a-Trifluorotoluene				103.7	80-118			WG489723

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July 26, 2010

Analyte	Units	MS Res	Matrix Spike		% Rec	Limit	Ref Samp	Batch
			Ref Res	TV				
1,1,1,2-Tetrachloroethane	mg/kg	0.0249	0	.025	99.6	29-145	L468520-19	WG489110
1,1,1-Trichloroethane	mg/kg	0.0251	0	.025	100.	23-147	L468520-19	WG489110
1,1,2,2-Tetrachloroethane	mg/kg	0.0288	0	.025	115.	18-150	L468520-19	WG489110
1,1,2-Trichloroethane	mg/kg	0.0274	0	.025	110.	35-140	L468520-19	WG489110
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0275	0	.025	110.	10-145	L468520-19	WG489110
1,1-Dichloroethane	mg/kg	0.0259	0	.025	104.	24-148	L468520-19	WG489110
1,1-Dichloroethene	mg/kg	0.0271	0	.025	108.	10-149	L468520-19	WG489110
1,1-Dichloropropene	mg/kg	0.0259	0	.025	104.	10-141	L468520-19	WG489110
1,2,3-Trichlorobenzene	mg/kg	0.0297	0	.025	119.	10-129	L468520-19	WG489110
1,2,3-Trichloropropane	mg/kg	0.0283	0	.025	113.	30-148	L468520-19	WG489110
1,2,3-Trimethylbenzene	mg/kg	0.0251	0	.025	100.	10-137	L468520-19	WG489110
1,2,4-Trichlorobenzene	mg/kg	0.0289	0	.025	116.	10-119	L468520-19	WG489110
1,2,4-Trimethylbenzene	mg/kg	0.0272	0	.025	109.	10-145	L468520-19	WG489110
1,2-Dibromo-3-Chloropropane	mg/kg	0.0279	0	.025	112.	19-145	L468520-19	WG489110
1,2-Dibromoethane	mg/kg	0.0284	0	.025	114.	24-145	L468520-19	WG489110
1,2-Dichlorobenzene	mg/kg	0.0255	0	.025	102.	12-130	L468520-19	WG489110
1,2-Dichloroethane	mg/kg	0.0261	0	.025	104.	21-155	L468520-19	WG489110
1,2-Dichloropropane	mg/kg	0.0261	0	.025	104.	28-144	L468520-19	WG489110
1,3,5-Trimethylbenzene	mg/kg	0.0273	0	.025	109.	10-135	L468520-19	WG489110
1,3-Dichlorobenzene	mg/kg	0.0264	0	.025	106.	10-129	L468520-19	WG489110
1,3-Dichloropropane	mg/kg	0.0269	0	.025	108.	31-137	L468520-19	WG489110
1,4-Dichlorobenzene	mg/kg	0.0243	0	.025	97.3	10-121	L468520-19	WG489110
2,2-Dichloropropane	mg/kg	0.0259	0	.025	104.	18-144	L468520-19	WG489110
2-Butanone (MEK)	mg/kg	0.156	0	.125	124.	21-143	L468520-19	WG489110
2-Chloroethyl vinyl ether	mg/kg	0.0918	0	.125	73.4	0-176	L468520-19	WG489110
2-Chlorotoluene	mg/kg	0.0267	0	.025	107.	10-132	L468520-19	WG489110
4-Chlorotoluene	mg/kg	0.0269	0	.025	107.	10-129	L468520-19	WG489110
4-Methyl-2-pentanone (MIBK)	mg/kg	0.149	0	.125	119.	31-151	L468520-19	WG489110
Acetone	mg/kg	0.175	0	.125	140.	13-158	L468520-19	WG489110
Acrylonitrile	mg/kg	0.161	0	.125	129.	20-154	L468520-19	WG489110
Benzene	mg/kg	0.0265	0	.025	106.	16-143	L468520-19	WG489110
Bromobenzene	mg/kg	0.0258	0	.025	103.	14-135	L468520-19	WG489110
Bromodichloromethane	mg/kg	0.0268	0	.025	107.	27-139	L468520-19	WG489110
Bromoform	mg/kg	0.0296	0	.025	118.	21-144	L468520-19	WG489110
Bromomethane	mg/kg	0.0266	0	.025	106.	0-180	L468520-19	WG489110
Carbon tetrachloride	mg/kg	0.0258	0	.025	103.	12-149	L468520-19	WG489110
Chlorobenzene	mg/kg	0.0268	0	.025	107.	17-134	L468520-19	WG489110
Chlorodibromomethane	mg/kg	0.0280	0	.025	112.	28-147	L468520-19	WG489110
Chloroethane	mg/kg	0.0280	0	.025	112.	0-172	L468520-19	WG489110
Chloroform	mg/kg	0.0257	0	.025	103.	28-138	L468520-19	WG489110
Chloromethane	mg/kg	0.0269	0	.025	108.	10-158	L468520-19	WG489110
cis-1,2-Dichloroethene	mg/kg	0.0267	0	.025	107.	21-147	L468520-19	WG489110
cis-1,3-Dichloropropene	mg/kg	0.0281	0	.025	112.	17-145	L468520-19	WG489110
Di-isopropyl ether	mg/kg	0.0263	0	.025	105.	31-153	L468520-19	WG489110
Dibromomethane	mg/kg	0.0270	0	.025	108.	24-147	L468520-19	WG489110
Dichlorodifluoromethane	mg/kg	0.0232	0	.025	92.8	0-192	L468520-19	WG489110
Ethylbenzene	mg/kg	0.0266	0	.025	106.	12-137	L468520-19	WG489110
Hexachloro-1,3-butadiene	mg/kg	0.0215	0	.025	86.0	10-123	L468520-19	WG489110
Isopropylbenzene	mg/kg	0.0277	0	.025	111.	14-134	L468520-19	WG489110
Methyl tert-butyl ether	mg/kg	0.0279	0	.025	112.	21-157	L468520-19	WG489110
Methylene Chloride	mg/kg	0.0272	0	.025	109.	12-149	L468520-19	WG489110
n-Butylbenzene	mg/kg	0.0268	0	.025	107.	10-130	L468520-19	WG489110
n-Propylbenzene	mg/kg	0.0270	0	.025	108.	10-130	L468520-19	WG489110
Naphthalene	mg/kg	0.0310	0	.025	124.	0-146	L468520-19	WG489110
p-Isopropyltoluene	mg/kg	0.0283	0	.025	113.	10-131	L468520-19	WG489110
sec-Butylbenzene	mg/kg	0.0277	0	.025	111.	10-134	L468520-19	WG489110
Styrene	mg/kg	0.0278	0	.025	111.	10-140	L468520-19	WG489110
tert-Butylbenzene	mg/kg	0.0279	0	.025	112.	11-137	L468520-19	WG489110
Tetrachloroethene	mg/kg	0.0255	0	.025	102.	10-131	L468520-19	WG489110
Toluene	mg/kg	0.0266	0	.025	106.	12-136	L468520-19	WG489110

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Analyte	Units	MS Res	Matrix Spike		% Rec	Limit	Ref Samp	Batch
			Ref Res	TV				
trans-1,2-Dichloroethene	mg/kg	0.0262	0	.025	105.	10-143	L468520-19	WG489110
trans-1,3-Dichloropropene	mg/kg	0.0276	0	.025	110.	16-147	L468520-19	WG489110
Trichloroethene	mg/kg	0.0251	0	.025	100.	10-155	L468520-19	WG489110
Trichlorofluoromethane	mg/kg	0.0263	0	.025	105.	10-154	L468520-19	WG489110
Vinyl chloride	mg/kg	0.0294	0	.025	118.	10-159	L468520-19	WG489110
Xylenes, Total	mg/kg	0.0810	0	.075	108.	10-138	L468520-19	WG489110
4-Bromofluorobenzene					103.8	59-140		WG489110
Dibromofluoromethane					104.4	63-139		WG489110
Toluene-d8					102.8	84-116		WG489110
a,a,a-Trifluorotoluene					105.1	80-118		WG489110
1,1,1,2-Tetrachloroethane	mg/kg	0.106	0	.025	84.6	29-145	L469071-01	WG489116
1,1,1-Trichloroethane	mg/kg	0.0941	0	.025	75.3	23-147	L469071-01	WG489116
1,1,2,2-Tetrachloroethane	mg/kg	0.119	0	.025	95.6	18-150	L469071-01	WG489116
1,1,2-Trichloroethane	mg/kg	0.111	0	.025	88.8	35-140	L469071-01	WG489116
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0996	0	.025	79.7	10-145	L469071-01	WG489116
1,1-Dichloroethane	mg/kg	0.0919	0	.025	73.5	24-148	L469071-01	WG489116
1,1-Dichloroethene	mg/kg	0.0997	0	.025	79.7	10-149	L469071-01	WG489116
1,1-Dichloropropene	mg/kg	0.0929	0	.025	74.3	10-141	L469071-01	WG489116
1,2,3-Trichlorobenzene	mg/kg	0.0937	0	.025	75.0	10-129	L469071-01	WG489116
1,2,3-Trichloropropane	mg/kg	0.118	0	.025	94.0	30-148	L469071-01	WG489116
1,2,3-Trimethylbenzene	mg/kg	0.105	0	.025	83.9	10-137	L469071-01	WG489116
1,2,4-Trichlorobenzene	mg/kg	0.0931	0	.025	74.5	10-119	L469071-01	WG489116
1,2,4-Trimethylbenzene	mg/kg	0.115	0	.025	92.0	10-145	L469071-01	WG489116
1,2-Dibromo-3-Chloropropane	mg/kg	0.117	0	.025	93.9	19-145	L469071-01	WG489116
1,2-Dibromoethane	mg/kg	0.108	0	.025	86.2	24-145	L469071-01	WG489116
1,2-Dichlorobenzene	mg/kg	0.108	0	.025	86.4	12-130	L469071-01	WG489116
1,2-Dichloroethane	mg/kg	0.0952	0	.025	76.1	21-155	L469071-01	WG489116
1,2-Dichloropropane	mg/kg	0.102	0	.025	81.6	28-144	L469071-01	WG489116
1,3,5-Trimethylbenzene	mg/kg	0.110	0	.025	88.2	10-135	L469071-01	WG489116
1,3-Dichlorobenzene	mg/kg	0.113	0	.025	90.3	10-129	L469071-01	WG489116
1,3-Dichloropropane	mg/kg	0.0992	0	.025	79.4	31-137	L469071-01	WG489116
1,4-Dichlorobenzene	mg/kg	0.0999	0	.025	79.9	10-121	L469071-01	WG489116
2,2-Dichloropropane	mg/kg	0.0934	0	.025	74.7	18-144	L469071-01	WG489116
2-Butanone (MEK)	mg/kg	0.642	0	.125	103.	21-143	L469071-01	WG489116
2-Chloroethyl vinyl ether	mg/kg	0.625	0	.125	99.9	0-176	L469071-01	WG489116
2-Chlorotoluene	mg/kg	0.105	0	.025	84.2	10-132	L469071-01	WG489116
4-Chlorotoluene	mg/kg	0.107	0	.025	85.9	10-129	L469071-01	WG489116
4-Methyl-2-pentanone (MIBK)	mg/kg	0.661	0	.125	106.	31-151	L469071-01	WG489116
Acetone	mg/kg	0.815	0	.125	130.	13-158	L469071-01	WG489116
Acrylonitrile	mg/kg	0.568	0	.125	90.9	20-154	L469071-01	WG489116
Benzene	mg/kg	0.0938	0	.025	75.1	16-143	L469071-01	WG489116
Bromobenzene	mg/kg	0.101	0	.025	81.0	14-135	L469071-01	WG489116
Bromodichloromethane	mg/kg	0.110	0	.025	88.3	27-139	L469071-01	WG489116
Bromoform	mg/kg	0.117	0	.025	93.9	21-144	L469071-01	WG489116
Bromomethane	mg/kg	0.124	0	.025	99.2	0-180	L469071-01	WG489116
Carbon tetrachloride	mg/kg	0.0896	0	.025	71.7	12-149	L469071-01	WG489116
Chlorobenzene	mg/kg	0.107	0	.025	85.5	17-134	L469071-01	WG489116
Chlorodibromomethane	mg/kg	0.111	0	.025	89.0	28-147	L469071-01	WG489116
Chloroethane	mg/kg	0.158	0	.025	126.	0-172	L469071-01	WG489116
Chloroform	mg/kg	0.0956	0	.025	76.5	28-138	L469071-01	WG489116
Chloromethane	mg/kg	0.0976	0	.025	78.1	10-158	L469071-01	WG489116
cis-1,2-Dichloroethene	mg/kg	0.0964	0	.025	77.1	21-147	L469071-01	WG489116
cis-1,3-Dichloropropene	mg/kg	0.107	0	.025	85.5	17-145	L469071-01	WG489116
Di-isopropyl ether	mg/kg	0.0985	0	.025	78.8	31-153	L469071-01	WG489116
Dibromomethane	mg/kg	0.104	0	.025	83.0	24-147	L469071-01	WG489116
Dichlorodifluoromethane	mg/kg	0.106	0	.025	84.9	0-192	L469071-01	WG489116
Ethylbenzene	mg/kg	0.107	0	.025	85.6	12-137	L469071-01	WG489116

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Analyte	Units	MS Res	Matrix Spike		% Rec	Limit	Ref Samp	Batch
			Ref Res	TV				
Hexachloro-1,3-butadiene	mg/kg	0.100	0	.025	80.2	10-123	L469071-01	WG489116
Isopropylbenzene	mg/kg	0.0993	0	.025	79.4	14-134	L469071-01	WG489116
Methyl tert-butyl ether	mg/kg	0.102	0	.025	81.9	21-157	L469071-01	WG489116
Methylene Chloride	mg/kg	0.126	0	.025	100.	12-149	L469071-01	WG489116
n-Butylbenzene	mg/kg	0.101	0	.025	81.0	10-130	L469071-01	WG489116
n-Propylbenzene	mg/kg	0.108	0	.025	86.3	10-130	L469071-01	WG489116
Naphthalene	mg/kg	0.113	0.0430	.025	55.7	0-146	L469071-01	WG489116
p-Isopropyltoluene	mg/kg	0.115	0	.025	91.7	10-131	L469071-01	WG489116
sec-Butylbenzene	mg/kg	0.113	0	.025	90.7	10-134	L469071-01	WG489116
Styrene	mg/kg	0.125	0	.025	99.9	10-140	L469071-01	WG489116
tert-Butylbenzene	mg/kg	0.112	0	.025	89.3	11-137	L469071-01	WG489116
Tetrachloroethene	mg/kg	0.104	0	.025	83.2	10-131	L469071-01	WG489116
Toluene	mg/kg	0.0965	0	.025	77.2	12-136	L469071-01	WG489116
trans-1,2-Dichloroethene	mg/kg	0.126	0	.025	101.	10-143	L469071-01	WG489116
trans-1,3-Dichloropropene	mg/kg	0.111	0	.025	89.1	16-147	L469071-01	WG489116
Trichloroethene	mg/kg	0.102	0	.025	81.9	10-155	L469071-01	WG489116
Trichlorofluoromethane	mg/kg	0.120	0	.025	96.0	10-154	L469071-01	WG489116
Vinyl chloride	mg/kg	0.106	0	.025	84.7	10-159	L469071-01	WG489116
Xylenes, Total	mg/kg	0.326	0	.075	87.0	10-138	L469071-01	WG489116
4-Bromofluorobenzene					100.1	59-140		WG489116
Dibromofluoromethane					95.53	63-139		WG489116
Toluene-d8					99.64	84-116		WG489116
a,a,a-Trifluorotoluene					105.1	80-118		WG489116
1,1,1,2-Tetrachloroethane	mg/kg	0.112	0	.025	89.7	29-145	L469447-01	WG489723
1,1,1-Trichloroethane	mg/kg	0.0893	0	.025	71.4	23-147	L469447-01	WG489723
1,1,2,2-Tetrachloroethane	mg/kg	0.121	0	.025	96.5	18-150	L469447-01	WG489723
1,1,2-Trichloroethane	mg/kg	0.114	0	.025	91.1	35-140	L469447-01	WG489723
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0752	0	.025	60.1	10-145	L469447-01	WG489723
1,1-Dichloroethane	mg/kg	0.0850	0	.025	68.0	24-148	L469447-01	WG489723
1,1-Dichloropropene	mg/kg	0.0561	0	.025	44.9	10-149	L469447-01	WG489723
1,1-Dichloropropene	mg/kg	0.0647	0	.025	51.8	10-141	L469447-01	WG489723
1,2,3-Trichlorobenzene	mg/kg	0.114	0	.025	91.2	10-129	L469447-01	WG489723
1,2,3-Trichloropropane	mg/kg	0.111	0	.025	89.1	30-148	L469447-01	WG489723
1,2,3-Trimethylbenzene	mg/kg	0.112	0	.025	89.2	10-137	L469447-01	WG489723
1,2,4-Trichlorobenzene	mg/kg	0.111	0	.025	88.5	10-119	L469447-01	WG489723
1,2,4-Trimethylbenzene	mg/kg	0.107	0	.025	85.9	10-145	L469447-01	WG489723
1,2-Dibromo-3-Chloropropane	mg/kg	0.0949	0	.025	75.9	19-145	L469447-01	WG489723
1,2-Dibromoethane	mg/kg	0.101	0	.025	80.9	24-145	L469447-01	WG489723
1,2-Dichlorobenzene	mg/kg	0.114	0	.025	91.1	12-130	L469447-01	WG489723
1,2-Dichloroethane	mg/kg	0.0888	0	.025	71.1	21-155	L469447-01	WG489723
1,2-Dichloropropane	mg/kg	0.0988	0	.025	79.1	28-144	L469447-01	WG489723
1,3,5-Trimethylbenzene	mg/kg	0.104	0	.025	82.9	10-135	L469447-01	WG489723
1,3-Dichlorobenzene	mg/kg	0.111	0	.025	88.5	10-129	L469447-01	WG489723
1,3-Dichloropropane	mg/kg	0.0991	0	.025	79.3	31-137	L469447-01	WG489723
1,4-Dichlorobenzene	mg/kg	0.105	0	.025	84.4	10-121	L469447-01	WG489723
2,2-Dichloropropane	mg/kg	0.0878	0	.025	70.3	18-144	L469447-01	WG489723
2-Butanone (MEK)	mg/kg	0.478	0	.125	76.5	21-143	L469447-01	WG489723
2-Chloroethyl vinyl ether	mg/kg	0.496	0	.125	79.4	0-176	L469447-01	WG489723
2-Chlorotoluene	mg/kg	0.109	0	.025	87.5	10-132	L469447-01	WG489723
4-Chlorotoluene	mg/kg	0.108	0	.025	86.2	10-129	L469447-01	WG489723
4-Methyl-2-pentanone (MIBK)	mg/kg	0.535	0	.125	85.7	31-151	L469447-01	WG489723
Acetone	mg/kg	0.561	0	.125	89.7	13-158	L469447-01	WG489723
Acrylonitrile	mg/kg	0.484	0	.125	77.4	20-154	L469447-01	WG489723
Benzene	mg/kg	0.0737	0	.025	58.9	16-143	L469447-01	WG489723
Bromobenzene	mg/kg	0.105	0	.025	84.2	14-135	L469447-01	WG489723
Bromodichloromethane	mg/kg	0.108	0	.025	86.5	27-139	L469447-01	WG489723
Bromoform	mg/kg	0.0885	0	.025	70.8	21-144	L469447-01	WG489723

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Quality Assurance Report
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Tax I.D. 62-0814289

Est. 1970

July 26, 2010

Analyte	Units	MS Res	Matrix Spike		% Rec	Limit	Ref Samp	Batch
			Ref Res	TV				
Bromomethane	mg/kg	0.0538	0	.025	43.0	0-180	L469447-01	WG489723
Carbon tetrachloride	mg/kg	0.0781	0	.025	62.5	12-149	L469447-01	WG489723
Chlorobenzene	mg/kg	0.0998	0	.025	79.8	17-134	L469447-01	WG489723
Chlorodibromomethane	mg/kg	0.115	0	.025	91.9	28-147	L469447-01	WG489723
Chloroethane	mg/kg	0.0729	0	.025	58.3	0-172	L469447-01	WG489723
Chloroform	mg/kg	0.0953	0	.025	76.3	28-138	L469447-01	WG489723
Chloromethane	mg/kg	0.0528	0	.025	42.3	10-158	L469447-01	WG489723
cis-1,2-Dichloroethene	mg/kg	0.0825	0	.025	66.0	21-147	L469447-01	WG489723
cis-1,3-Dichloropropene	mg/kg	0.100	0	.025	80.2	17-145	L469447-01	WG489723
Di-isopropyl ether	mg/kg	0.0992	0	.025	79.4	31-153	L469447-01	WG489723
Dibromomethane	mg/kg	0.0917	0	.025	73.3	24-147	L469447-01	WG489723
Dichlorodifluoromethane	mg/kg	0.0855	0	.025	68.4	0-192	L469447-01	WG489723
Ethylbenzene	mg/kg	0.0980	0	.025	78.4	12-137	L469447-01	WG489723
Hexachloro-1,3-butadiene	mg/kg	0.117	0	.025	93.6	10-123	L469447-01	WG489723
Isopropylbenzene	mg/kg	0.0963	0	.025	77.0	14-134	L469447-01	WG489723
Methyl tert-butyl ether	mg/kg	0.0962	0	.025	77.0	21-157	L469447-01	WG489723
Methylene Chloride	mg/kg	0.0714	0	.025	57.1	12-149	L469447-01	WG489723
n-Butylbenzene	mg/kg	0.109	0	.025	87.0	10-130	L469447-01	WG489723
n-Propylbenzene	mg/kg	0.102	0	.025	82.0	10-130	L469447-01	WG489723
Naphthalene	mg/kg	0.109	0	.025	87.4	0-146	L469447-01	WG489723
p-Isopropyltoluene	mg/kg	0.106	0	.025	84.5	10-131	L469447-01	WG489723
sec-Butylbenzene	mg/kg	0.109	0	.025	87.3	10-134	L469447-01	WG489723
Styrene	mg/kg	0.118	0	.025	94.6	10-140	L469447-01	WG489723
tert-Butylbenzene	mg/kg	0.111	0	.025	88.5	11-137	L469447-01	WG489723
Tetrachloroethene	mg/kg	0.0765	0	.025	61.2	10-131	L469447-01	WG489723
Toluene	mg/kg	0.0778	0	.025	62.2	12-136	L469447-01	WG489723
trans-1,2-Dichloroethene	mg/kg	0.0550	0	.025	44.0	10-143	L469447-01	WG489723
trans-1,3-Dichloropropene	mg/kg	0.0973	0	.025	77.8	16-147	L469447-01	WG489723
Trichloroethene	mg/kg	0.0796	0	.025	63.7	10-155	L469447-01	WG489723
Trichlorofluoromethane	mg/kg	0.0780	0	.025	62.4	10-154	L469447-01	WG489723
Vinyl chloride	mg/kg	0.0557	0	.025	44.6	10-159	L469447-01	WG489723
Xylenes, Total	mg/kg	0.288	0	.075	76.9	10-138	L469447-01	WG489723
4-Bromofluorobenzene					103.8	59-140		WG489723
Dibromofluoromethane					101.3	63-139		WG489723
Toluene-d8					102.9	84-116		WG489723
a,a,a-Trifluorotoluene					104.5	80-118		WG489723
1,1,1,2-Tetrachloroethane	mg/kg	0.106	0	.025	84.8	29-145	L469071-02	WG489909
1,1,1-Trichloroethane	mg/kg	0.128	0	.025	102.	23-147	L469071-02	WG489909
1,1,2,2-Tetrachloroethane	mg/kg	0.0949	0.000339	.025	75.7	18-150	L469071-02	WG489909
1,1,2-Trichloroethane	mg/kg	0.108	0	.025	86.2	35-140	L469071-02	WG489909
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.113	0	.025	90.3	10-145	L469071-02	WG489909
1,1-Dichloroethane	mg/kg	0.108	0.000336	.025	85.7	24-148	L469071-02	WG489909
1,1-Dichloroethene	mg/kg	0.113	0	.025	90.7	10-149	L469071-02	WG489909
1,1-Dichloropropene	mg/kg	0.121	0	.025	97.0	10-141	L469071-02	WG489909
1,2,3-Trichlorobenzene	mg/kg	0.0941	0.000572	.025	74.8	10-129	L469071-02	WG489909
1,2,3-Trichloropropane	mg/kg	0.110	0	.025	88.1	30-148	L469071-02	WG489909
1,2,3-Trimethylbenzene	mg/kg	0.112	0	.025	89.3	10-137	L469071-02	WG489909
1,2,4-Trichlorobenzene	mg/kg	0.0911	0.000476	.025	72.5	10-119	L469071-02	WG489909
1,2,4-Trimethylbenzene	mg/kg	0.0991	0	.025	79.2	10-145	L469071-02	WG489909
1,2-Dibromo-3-Chloropropane	mg/kg	0.0997	0	.025	79.7	19-145	L469071-02	WG489909
1,2-Dibromoethane	mg/kg	0.102	0	.025	81.3	24-145	L469071-02	WG489909
1,2-Dichlorobenzene	mg/kg	0.110	0	.025	87.8	12-130	L469071-02	WG489909
1,2-Dichloroethane	mg/kg	0.115	0	.025	92.4	21-155	L469071-02	WG489909
1,2-Dichloropropane	mg/kg	0.102	0	.025	81.6	28-144	L469071-02	WG489909
1,3,5-Trimethylbenzene	mg/kg	0.106	0	.025	84.6	10-135	L469071-02	WG489909
1,3-Dichlorobenzene	mg/kg	0.0926	0	.025	74.1	10-129	L469071-02	WG489909
1,3-Dichloropropane	mg/kg	0.108	0	.025	86.5	31-137	L469071-02	WG489909

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Tax I.D. 62-0814289

Est. 1970

Quality Assurance Report
Level II

L469002

July 26, 2010

Analyte	Units	MS Res	Matrix Spike		% Rec	Limit	Ref Samp	Batch
			Ref Res	TV				
1,4-Dichlorobenzene	mg/kg	0.0993	0.000372	.025	79.2	10-121	L469071-02	WG489909
2,2-Dichloropropane	mg/kg	0.131	0.000398	.025	105.	18-144	L469071-02	WG489909
2-Butanone (MEK)	mg/kg	0.561	0	.125	89.8	21-143	L469071-02	WG489909
2-Chloroethyl vinyl ether	mg/kg	0.514	0	.125	82.3	0-176	L469071-02	WG489909
2-Chlorotoluene	mg/kg	0.104	0	.025	83.2	10-132	L469071-02	WG489909
4-Chlorotoluene	mg/kg	0.101	0	.025	80.6	10-129	L469071-02	WG489909
4-Methyl-2-pentanone (MIBK)	mg/kg	0.519	0.000487	.125	83.0	31-151	L469071-02	WG489909
Acetone	mg/kg	0.584	0.0623	.125	83.5	13-158	L469071-02	WG489909
Acrylonitrile	mg/kg	0.495	0	.125	79.2	20-154	L469071-02	WG489909
Benzene	mg/kg	0.111	0.000426	.025	88.6	16-143	L469071-02	WG489909
Bromobenzene	mg/kg	0.0973	0	.025	77.9	14-135	L469071-02	WG489909
Bromodichloromethane	mg/kg	0.109	0	.025	87.1	27-139	L469071-02	WG489909
Bromoform	mg/kg	0.0970	0	.025	77.6	21-144	L469071-02	WG489909
Bromomethane	mg/kg	0.160	0	.025	128.	0-180	L469071-02	WG489909
Carbon tetrachloride	mg/kg	0.132	0.000883	.025	105.	12-149	L469071-02	WG489909
Chlorobenzene	mg/kg	0.104	0	.025	82.8	17-134	L469071-02	WG489909
Chlorodibromomethane	mg/kg	0.0980	0	.025	78.4	28-147	L469071-02	WG489909
Chloroethane	mg/kg	0.125	0	.025	100.	0-172	L469071-02	WG489909
Chloroform	mg/kg	0.124	0	.025	99.2	28-138	L469071-02	WG489909
Chloromethane	mg/kg	0.107	0	.025	85.7	10-158	L469071-02	WG489909
cis-1,2-Dichloroethene	mg/kg	0.128	0.000488	.025	102.	21-147	L469071-02	WG489909
cis-1,3-Dichloropropene	mg/kg	0.105	0	.025	83.7	17-145	L469071-02	WG489909
Di-isopropyl ether	mg/kg	0.0986	0	.025	78.9	31-153	L469071-02	WG489909
Dibromomethane	mg/kg	0.107	0	.025	85.9	24-147	L469071-02	WG489909
Dichlorodifluoromethane	mg/kg	0.132	0.000375	.025	105.	0-192	L469071-02	WG489909
Ethylbenzene	mg/kg	0.104	0.000315	.025	83.2	12-137	L469071-02	WG489909
Hexachloro-1,3-butadiene	mg/kg	0.111	0	.025	88.7	10-123	L469071-02	WG489909
Isopropylbenzene	mg/kg	0.111	0	.025	88.6	14-134	L469071-02	WG489909
Methyl tert-butyl ether	mg/kg	0.103	0	.025	82.0	21-157	L469071-02	WG489909
Methylene Chloride	mg/kg	0.0955	0	.025	76.4	12-149	L469071-02	WG489909
n-Butylbenzene	mg/kg	0.111	0	.025	88.9	10-130	L469071-02	WG489909
n-Propylbenzene	mg/kg	0.105	0	.025	84.2	10-130	L469071-02	WG489909
Naphthalene	mg/kg	0.101	0.000649	.025	80.0	0-146	L469071-02	WG489909
p-Isopropyltoluene	mg/kg	0.102	0	.025	81.6	10-131	L469071-02	WG489909
sec-Butylbenzene	mg/kg	0.109	0	.025	87.3	10-134	L469071-02	WG489909
Styrene	mg/kg	0.0976	0	.025	78.1	10-140	L469071-02	WG489909
tert-Butylbenzene	mg/kg	0.113	0	.025	90.5	11-137	L469071-02	WG489909
Tetrachloroethene	mg/kg	0.108	0	.025	86.3	10-131	L469071-02	WG489909
Toluene	mg/kg	0.105	0	.025	84.1	12-136	L469071-02	WG489909
trans-1,2-Dichloroethene	mg/kg	0.0995	0.000437	.025	79.2	10-143	L469071-02	WG489909
trans-1,3-Dichloropropene	mg/kg	0.105	0	.025	84.0	16-147	L469071-02	WG489909
Trichloroethene	mg/kg	0.115	0	.025	92.4	10-155	L469071-02	WG489909
Trichlorofluoromethane	mg/kg	0.137	0	.025	110.	10-154	L469071-02	WG489909
Vinyl chloride	mg/kg	0.104	0	.025	83.4	10-159	L469071-02	WG489909
Xylenes, Total	mg/kg	0.310	0.000413	.075	82.4	10-138	L469071-02	WG489909

Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit	Ref Samp	Batch
			Ref	%Rec					
1,1,1,2-Tetrachloroethane	mg/kg	0.0219	0.0249	87.4	29-145	13.0	31	L468520-19	WG489110
1,1,1-Trichloroethane	mg/kg	0.0211	0.0251	84.5	23-147	17.3	32	L468520-19	WG489110
1,1,2,2-Tetrachloroethane	mg/kg	0.0265	0.0288	106.	18-150	8.21	33	L468520-19	WG489110
1,1,2-Trichloroethane	mg/kg	0.0246	0.0274	98.5	35-140	10.7	29	L468520-19	WG489110
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0212	0.0275	84.8	10-145	26.0	35	L468520-19	WG489110
1,1-Dichloroethane	mg/kg	0.0223	0.0259	89.3	24-148	14.9	31	L468520-19	WG489110
1,1-Dichloroethene	mg/kg	0.0232	0.0271	92.9	10-149	15.3	34	L468520-19	WG489110
1,1-Dichloropropene	mg/kg	0.0217	0.0259	86.9	10-141	17.6	34	L468520-19	WG489110
1,2,3-Trichlorobenzene	mg/kg	0.0265	0.0297	106.	10-129	11.3	43	L468520-19	WG489110
1,2,3-Trichloropropane	mg/kg	0.0251	0.0283	100.	30-148	11.9	32	L468520-19	WG489110

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Level II

L469002

July 26, 2010

Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit	Ref Samp	Batch
			Ref	%Rec					
1,2,3-Trimethylbenzene	mg/kg	0.0221	0.0251	88.2	10-137	12.9	36	L468520-19	WG489110
1,2,4-Trichlorobenzene	mg/kg	0.0253	0.0289	101.	10-119	13.3	44	L468520-19	WG489110
1,2,4-Trimethylbenzene	mg/kg	0.0226	0.0272	90.3	10-145	18.7	41	L468520-19	WG489110
1,2-Dibromo-3-Chloropropane	mg/kg	0.0283	0.0279	113.	19-145	1.27	35	L468520-19	WG489110
1,2-Dibromoethane	mg/kg	0.0251	0.0284	100.	24-145	12.4	31	L468520-19	WG489110
1,2-Dichlorobenzene	mg/kg	0.0225	0.0255	90.0	12-130	12.6	35	L468520-19	WG489110
1,2-Dichloroethane	mg/kg	0.0234	0.0261	93.4	21-155	11.2	29	L468520-19	WG489110
1,2-Dichloropropane	mg/kg	0.0234	0.0261	93.6	28-144	10.9	30	L468520-19	WG489110
1,3,5-Trimethylbenzene	mg/kg	0.0224	0.0273	89.7	10-135	19.6	39	L468520-19	WG489110
1,3-Dichlorobenzene	mg/kg	0.0221	0.0264	88.3	10-129	18.0	38	L468520-19	WG489110
1,3-Dichloropropane	mg/kg	0.0231	0.0269	92.5	31-137	15.0	29	L468520-19	WG489110
1,4-Dichlorobenzene	mg/kg	0.0209	0.0243	83.7	10-121	15.0	36	L468520-19	WG489110
2,2-Dichloropropane	mg/kg	0.0219	0.0259	87.6	18-144	16.9	32	L468520-19	WG489110
2-Butanone (MEK)	mg/kg	0.157	0.156	125.	21-143	0.790	37	L468520-19	WG489110
2-Chloroethyl vinyl ether	mg/kg	0.112	0.0918	90.0	0-176	20.3	50	L468520-19	WG489110
2-Chlorotoluene	mg/kg	0.0221	0.0267	88.4	10-132	18.8	37	L468520-19	WG489110
4-Chlorotoluene	mg/kg	0.0221	0.0269	88.4	10-129	19.4	38	L468520-19	WG489110
4-Methyl-2-pentanone (MIBK)	mg/kg	0.149	0.149	119.	31-151	0.470	36	L468520-19	WG489110
Acetone	mg/kg	0.173	0.175	138.	13-158	1.64	34	L468520-19	WG489110
Acrylonitrile	mg/kg	0.159	0.161	127.	20-154	1.03	35	L468520-19	WG489110
Benzene	mg/kg	0.0229	0.0265	91.5	16-143	14.6	31	L468520-19	WG489110
Bromobenzene	mg/kg	0.0220	0.0258	88.2	14-135	15.8	39	L468520-19	WG489110
Bromodichloromethane	mg/kg	0.0232	0.0268	92.9	27-139	14.3	30	L468520-19	WG489110
Bromoform	mg/kg	0.0271	0.0296	108.	21-144	8.87	34	L468520-19	WG489110
Bromomethane	mg/kg	0.0235	0.0266	93.8	0-180	12.5	41	L468520-19	WG489110
Carbon tetrachloride	mg/kg	0.0215	0.0258	86.0	12-149	18.3	34	L468520-19	WG489110
Chlorobenzene	mg/kg	0.0222	0.0268	88.8	17-134	18.6	34	L468520-19	WG489110
Chlorodibromomethane	mg/kg	0.0236	0.0280	94.3	28-147	17.2	32	L468520-19	WG489110
Chloroethane	mg/kg	0.0251	0.0280	100.	0-172	10.8	38	L468520-19	WG489110
Chloroform	mg/kg	0.0221	0.0257	88.3	28-138	15.0	30	L468520-19	WG489110
Chloromethane	mg/kg	0.0225	0.0269	90.2	10-158	17.6	35	L468520-19	WG489110
cis-1,2-Dichloroethene	mg/kg	0.0233	0.0267	93.1	21-147	13.6	31	L468520-19	WG489110
cis-1,3-Dichloropropene	mg/kg	0.0248	0.0281	99.1	17-145	12.6	32	L468520-19	WG489110
Di-isopropyl ether	mg/kg	0.0236	0.0263	94.4	31-153	10.9	29	L468520-19	WG489110
Dibromomethane	mg/kg	0.0248	0.0270	99.4	24-147	8.31	30	L468520-19	WG489110
Dichlorodifluoromethane	mg/kg	0.0184	0.0232	73.6	0-192	23.1	38	L468520-19	WG489110
Ethylbenzene	mg/kg	0.0216	0.0266	86.4	12-137	20.6	36	L468520-19	WG489110
Hexachloro-1,3-butadiene	mg/kg	0.0194	0.0215	77.7	10-123	10.2	50	L468520-19	WG489110
Isopropylbenzene	mg/kg	0.0226	0.0277	90.4	14-134	20.4	37	L468520-19	WG489110
Methyl tert-butyl ether	mg/kg	0.0260	0.0279	104.	21-157	7.08	31	L468520-19	WG489110
Methylene Chloride	mg/kg	0.0243	0.0272	97.0	12-149	11.5	31	L468520-19	WG489110
n-Butylbenzene	mg/kg	0.0232	0.0268	92.6	10-130	14.5	48	L468520-19	WG489110
n-Propylbenzene	mg/kg	0.0218	0.0270	87.2	10-130	21.5	40	L468520-19	WG489110
Naphthalene	mg/kg	0.0293	0.0310	117.	0-146	5.65	43	L468520-19	WG489110
p-Isopropyltoluene	mg/kg	0.0232	0.0283	93.0	10-131	19.8	43	L468520-19	WG489110
sec-Butylbenzene	mg/kg	0.0228	0.0277	91.2	10-134	19.4	43	L468520-19	WG489110
Styrene	mg/kg	0.0234	0.0278	93.5	10-140	17.4	35	L468520-19	WG489110
tert-Butylbenzene	mg/kg	0.0229	0.0279	91.5	11-137	19.9	39	L468520-19	WG489110
Tetrachloroethene	mg/kg	0.0201	0.0255	80.3	10-131	23.9	35	L468520-19	WG489110
Toluene	mg/kg	0.0231	0.0266	92.6	12-136	13.7	32	L468520-19	WG489110
trans-1,2-Dichloroethene	mg/kg	0.0223	0.0262	89.0	10-143	16.4	33	L468520-19	WG489110
trans-1,3-Dichloropropene	mg/kg	0.0256	0.0276	102.	16-147	7.46	32	L468520-19	WG489110
Trichloroethene	mg/kg	0.0214	0.0251	85.5	10-155	16.0	33	L468520-19	WG489110
Trichlorofluoromethane	mg/kg	0.0204	0.0263	81.5	10-154	25.3	32	L468520-19	WG489110
Vinyl chloride	mg/kg	0.0245	0.0294	98.0	10-159	18.1	36	L468520-19	WG489110
Xylenes, Total	mg/kg	0.0669	0.0810	89.2	10-138	19.0	36	L468520-19	WG489110
4-Bromofluorobenzene				99.34	59-140				WG489110
Dibromofluoromethane				104.0	63-139				WG489110
Toluene-d8				105.2	84-116				WG489110

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Tax I.D. 62-0814289

Est. 1970

July 26, 2010

Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit	Ref	Samp	Batch
			Ref	%Rec						
a,a,a-Trifluorotoluene				103.3	80-118					
1,1,1,2-Tetrachloroethane	mg/kg	0.118	0.106	94.4	29-145	11.0	31	L469071-01		WG489116
1,1,1-Trichloroethane	mg/kg	0.102	0.0941	81.5	23-147	7.91	32	L469071-01		WG489116
1,1,2,2-Tetrachloroethane	mg/kg	0.124	0.119	98.9	18-150	3.43	33	L469071-01		WG489116
1,1,2-Trichloroethane	mg/kg	0.118	0.111	94.4	35-140	6.19	29	L469071-01		WG489116
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.102	0.0996	81.6	10-145	2.46	35	L469071-01		WG489116
1,1-Dichloroethane	mg/kg	0.0982	0.0919	78.5	24-148	6.55	31	L469071-01		WG489116
1,1-Dichloroethene	mg/kg	0.106	0.0997	84.6	10-149	5.86	34	L469071-01		WG489116
1,1-Dichloropropene	mg/kg	0.0967	0.0929	77.4	10-141	4.01	34	L469071-01		WG489116
1,2,3-Trichlorobenzene	mg/kg	0.0972	0.0937	77.8	10-129	3.65	43	L469071-01		WG489116
1,2,3-Trichloropropane	mg/kg	0.125	0.118	100.	30-148	6.21	32	L469071-01		WG489116
1,2,3-Trimethylbenzene	mg/kg	0.109	0.105	87.5	10-137	4.22	36	L469071-01		WG489116
1,2,4-Trichlorobenzene	mg/kg	0.0933	0.0931	74.6	10-119	0.120	44	L469071-01		WG489116
1,2,4-Trimethylbenzene	mg/kg	0.126	0.115	101.	10-145	9.20	41	L469071-01		WG489116
1,2-Dibromo-3-Chloropropane	mg/kg	0.114	0.117	91.1	19-145	3.10	35	L469071-01		WG489116
1,2-Dibromoethane	mg/kg	0.117	0.108	93.4	24-145	8.02	31	L469071-01		WG489116
1,2-Dichlorobenzene	mg/kg	0.113	0.108	90.2	12-130	4.32	35	L469071-01		WG489116
1,2-Dichloroethane	mg/kg	0.100	0.0952	80.2	21-155	5.23	29	L469071-01		WG489116
1,2-Dichloropropane	mg/kg	0.103	0.102	82.5	28-144	1.18	30	L469071-01		WG489116
1,3,5-Trimethylbenzene	mg/kg	0.122	0.110	97.7	10-135	10.3	39	L469071-01		WG489116
1,3-Dichlorobenzene	mg/kg	0.125	0.113	99.7	10-129	9.93	38	L469071-01		WG489116
1,3-Dichloropropane	mg/kg	0.105	0.0992	84.1	31-137	5.74	29	L469071-01		WG489116
1,4-Dichlorobenzene	mg/kg	0.102	0.0999	81.9	10-121	2.47	36	L469071-01		WG489116
2,2-Dichloropropane	mg/kg	0.102	0.0934	81.2	18-144	8.34	32	L469071-01		WG489116
2-Butanone (MEK)	mg/kg	0.631	0.642	101.	21-143	1.73	37	L469071-01		WG489116
2-Chloroethyl vinyl ether	mg/kg	0.628	0.625	100.	0-176	0.540	50	L469071-01		WG489116
2-Chlorotoluene	mg/kg	0.118	0.105	94.2	10-132	11.2	37	L469071-01		WG489116
4-Chlorotoluene	mg/kg	0.117	0.107	93.8	10-129	8.85	38	L469071-01		WG489116
4-Methyl-2-pentanone (MIBK)	mg/kg	0.646	0.661	103.	31-151	2.25	36	L469071-01		WG489116
Acetone	mg/kg	0.804	0.815	128.	13-158	1.43	34	L469071-01		WG489116
Acrylonitrile	mg/kg	0.575	0.568	92.0	20-154	1.27	35	L469071-01		WG489116
Benzene	mg/kg	0.0997	0.0938	79.8	16-143	6.10	31	L469071-01		WG489116
Bromobenzene	mg/kg	0.112	0.101	89.6	14-135	10.2	39	L469071-01		WG489116
Bromodichloromethane	mg/kg	0.115	0.110	91.7	27-139	3.82	30	L469071-01		WG489116
Bromoform	mg/kg	0.126	0.117	100.	21-144	6.72	34	L469071-01		WG489116
Bromomethane	mg/kg	0.134	0.124	107.	0-180	7.77	41	L469071-01		WG489116
Carbon tetrachloride	mg/kg	0.0995	0.0896	79.6	12-149	10.5	34	L469071-01		WG489116
Chlorobenzene	mg/kg	0.121	0.107	96.8	17-134	12.4	34	L469071-01		WG489116
Chlorodibromomethane	mg/kg	0.121	0.111	97.2	28-147	8.79	32	L469071-01		WG489116
Chloroethane	mg/kg	0.162	0.158	130.	0-172	2.71	38	L469071-01		WG489116
Chloroform	mg/kg	0.106	0.0956	84.7	28-138	10.2	30	L469071-01		WG489116
Chloromethane	mg/kg	0.100	0.0976	80.1	10-158	2.51	35	L469071-01		WG489116
cis-1,2-Dichloroethene	mg/kg	0.105	0.0964	83.7	21-147	8.25	31	L469071-01		WG489116
cis-1,3-Dichloropropene	mg/kg	0.111	0.107	88.8	17-145	3.73	32	L469071-01		WG489116
Di-isopropyl ether	mg/kg	0.108	0.0985	86.6	31-153	9.35	29	L469071-01		WG489116
Dibromomethane	mg/kg	0.109	0.104	87.2	24-147	4.89	30	L469071-01		WG489116
Dichlorodifluoromethane	mg/kg	0.107	0.106	85.4	0-192	0.550	38	L469071-01		WG489116
Ethylbenzene	mg/kg	0.118	0.107	94.2	12-137	9.53	36	L469071-01		WG489116
Hexachloro-1,3-butadiene	mg/kg	0.0975	0.100	78.0	10-123	2.80	50	L469071-01		WG489116
Isopropylbenzene	mg/kg	0.109	0.0993	87.4	14-134	9.62	37	L469071-01		WG489116
Methyl tert-butyl ether	mg/kg	0.105	0.102	83.7	21-157	2.20	31	L469071-01		WG489116
Methylene Chloride	mg/kg	0.130	0.126	104.	12-149	3.41	31	L469071-01		WG489116
n-Butylbenzene	mg/kg	0.104	0.101	83.4	10-130	2.87	48	L469071-01		WG489116
n-Propylbenzene	mg/kg	0.118	0.108	94.4	10-130	9.06	40	L469071-01		WG489116
Naphthalene	mg/kg	0.112	0.113	55.2	0-146	0.560	43	L469071-01		WG489116
p-Isopropyltoluene	mg/kg	0.126	0.115	101.	10-131	9.48	43	L469071-01		WG489116
sec-Butylbenzene	mg/kg	0.127	0.113	101.	10-134	11.0	43	L469071-01		WG489116
Styrene	mg/kg	0.140	0.125	112.	10-140	11.6	35	L469071-01		WG489116
tert-Butylbenzene	mg/kg	0.127	0.112	101.	11-137	12.6	39	L469071-01		WG489116

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Tax I.D. 62-0814289

Est. 1970

July 26, 2010

Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit	Ref Samp	Batch
			Ref	%Rec					
Tetrachloroethene	mg/kg	0.113	0.104	90.1	10-131	8.03	35	L469071-01	WG489116
Toluene	mg/kg	0.101	0.0965	80.9	12-136	4.62	32	L469071-01	WG489116
trans-1,2-Dichloroethene	mg/kg	0.135	0.126	108.	10-143	7.14	33	L469071-01	WG489116
trans-1,3-Dichloropropene	mg/kg	0.117	0.111	93.7	16-147	5.04	32	L469071-01	WG489116
Trichloroethene	mg/kg	0.107	0.102	86.0	10-155	4.85	33	L469071-01	WG489116
Trichlorofluoromethane	mg/kg	0.127	0.120	101.	10-154	5.46	32	L469071-01	WG489116
Vinyl chloride	mg/kg	0.109	0.106	87.1	10-159	2.79	36	L469071-01	WG489116
Xylenes, Total	mg/kg	0.360	0.326	96.1	10-138	9.93	36	L469071-01	WG489116
4-Bromofluorobenzene				104.1	59-140				WG489116
Dibromofluoromethane				98.03	63-139				WG489116
Toluene-d8				96.90	84-116				WG489116
a,a,a-Trifluorotoluene				101.8	80-118				WG489116
1,1,1,2-Tetrachloroethane	mg/kg	0.119	0.112	95.6	29-145	6.38	31	L469447-01	WG489723
1,1,1-Trichloroethane	mg/kg	0.0945	0.0893	75.6	23-147	5.70	32	L469447-01	WG489723
1,1,2,2-Tetrachloroethane	mg/kg	0.133	0.121	106.	18-150	9.67	33	L469447-01	WG489723
1,1,2-Trichloroethane	mg/kg	0.122	0.114	97.6	35-140	6.91	29	L469447-01	WG489723
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0777	0.0752	62.1	10-145	3.29	35	L469447-01	WG489723
1,1-Dichloroethane	mg/kg	0.0886	0.0850	70.9	24-148	4.24	31	L469447-01	WG489723
1,1-Dichloroethene	mg/kg	0.0578	0.0561	46.2	10-149	2.84	34	L469447-01	WG489723
1,1-Dichloropropene	mg/kg	0.0687	0.0647	55.0	10-141	5.97	34	L469447-01	WG489723
1,2,3-Trichlorobenzene	mg/kg	0.120	0.114	96.1	10-129	5.22	43	L469447-01	WG489723
1,2,3-Trichloropropane	mg/kg	0.123	0.111	98.8	30-148	10.3	32	L469447-01	WG489723
1,2,3-Trimethylbenzene	mg/kg	0.116	0.112	92.8	10-137	3.94	36	L469447-01	WG489723
1,2,4-Trichlorobenzene	mg/kg	0.115	0.111	91.6	10-119	3.46	44	L469447-01	WG489723
1,2,4-Trimethylbenzene	mg/kg	0.113	0.107	90.7	10-145	5.37	41	L469447-01	WG489723
1,2-Dibromo-3-Chloropropane	mg/kg	0.107	0.0949	85.5	19-145	11.8	35	L469447-01	WG489723
1,2-Dibromoethane	mg/kg	0.110	0.101	88.1	24-145	8.46	31	L469447-01	WG489723
1,2-Dichlorobenzene	mg/kg	0.120	0.114	96.4	12-130	5.66	35	L469447-01	WG489723
1,2-Dichloroethane	mg/kg	0.0955	0.0888	76.4	21-155	7.17	29	L469447-01	WG489723
1,2-Dichloropropane	mg/kg	0.104	0.0988	83.6	28-144	5.55	30	L469447-01	WG489723
1,3,5-Trimethylbenzene	mg/kg	0.110	0.104	88.1	10-135	6.08	39	L469447-01	WG489723
1,3-Dichlorobenzene	mg/kg	0.117	0.111	93.4	10-129	5.42	38	L469447-01	WG489723
1,3-Dichloropropane	mg/kg	0.108	0.0991	86.1	31-137	8.20	29	L469447-01	WG489723
1,4-Dichlorobenzene	mg/kg	0.110	0.105	87.7	10-121	3.88	36	L469447-01	WG489723
2,2-Dichloropropane	mg/kg	0.0923	0.0878	73.8	18-144	4.97	32	L469447-01	WG489723
2-Butanone (MEK)	mg/kg	0.564	0.478	90.2	21-143	16.4	37	L469447-01	WG489723
2-Chloroethyl vinyl ether	mg/kg	0.543	0.496	86.8	0-176	8.91	50	L469447-01	WG489723
2-Chlorotoluene	mg/kg	0.114	0.109	91.2	10-132	4.14	37	L469447-01	WG489723
4-Chlorotoluene	mg/kg	0.114	0.108	91.4	10-129	5.83	38	L469447-01	WG489723
4-Methyl-2-pentanone (MIBK)	mg/kg	0.613	0.535	98.0	31-151	13.4	36	L469447-01	WG489723
Acetone	mg/kg	0.642	0.561	103.	13-158	13.5	34	L469447-01	WG489723
Acrylonitrile	mg/kg	0.538	0.484	86.1	20-154	10.7	35	L469447-01	WG489723
Benzene	mg/kg	0.0766	0.0737	61.3	16-143	3.93	31	L469447-01	WG489723
Bromobenzene	mg/kg	0.111	0.105	88.7	14-135	5.24	39	L469447-01	WG489723
Bromodichloromethane	mg/kg	0.114	0.108	91.5	27-139	5.65	30	L469447-01	WG489723
Bromoform	mg/kg	0.0974	0.0885	77.9	21-144	9.57	34	L469447-01	WG489723
Bromomethane	mg/kg	0.0539	0.0538	43.1	0-180	0.290	41	L469447-01	WG489723
Carbon tetrachloride	mg/kg	0.0819	0.0781	65.5	12-149	4.76	34	L469447-01	WG489723
Chlorobenzene	mg/kg	0.105	0.0998	83.6	17-134	4.61	34	L469447-01	WG489723
Chlorodibromomethane	mg/kg	0.123	0.115	98.7	28-147	7.10	32	L469447-01	WG489723
Chloroethane	mg/kg	0.0738	0.0729	59.0	0-172	1.20	38	L469447-01	WG489723
Chloroform	mg/kg	0.100	0.0953	80.0	28-138	4.72	30	L469447-01	WG489723
Chloromethane	mg/kg	0.0541	0.0528	43.2	10-158	2.29	35	L469447-01	WG489723
cis-1,2-Dichloroethene	mg/kg	0.0873	0.0825	69.9	21-147	5.70	31	L469447-01	WG489723
cis-1,3-Dichloropropene	mg/kg	0.106	0.100	84.4	17-145	5.14	32	L469447-01	WG489723
Di-isopropyl ether	mg/kg	0.105	0.0992	83.8	31-153	5.39	29	L469447-01	WG489723
Dibromomethane	mg/kg	0.0975	0.0917	78.0	24-147	6.13	30	L469447-01	WG489723

* Performance of this Analyte is outside of established criteria.

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



YOUR LAB OF CHOICE

Terracon- Lynnwood, WA
Jon Einarsen
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Quality Assurance Report
Level II

L469002

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

July 26, 2010

Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit	Ref Samp	Batch
			Ref	%Rec					
Dichlorodifluoromethane	mg/kg	0.0809	0.0855	64.7	0-192	5.58	38	L469447-01	WG489723
Ethylbenzene	mg/kg	0.102	0.0980	81.3	12-137	3.61	36	L469447-01	WG489723
Hexachloro-1,3-butadiene	mg/kg	0.120	0.117	95.6	10-123	2.15	50	L469447-01	WG489723
Isopropylbenzene	mg/kg	0.102	0.0963	81.9	14-134	6.12	37	L469447-01	WG489723
Methyl tert-butyl ether	mg/kg	0.102	0.0962	81.9	21-157	6.28	31	L469447-01	WG489723
Methylene Chloride	mg/kg	0.0746	0.0714	59.6	12-149	4.35	31	L469447-01	WG489723
n-Butylbenzene	mg/kg	0.112	0.109	89.8	10-130	3.24	48	L469447-01	WG489723
n-Propylbenzene	mg/kg	0.107	0.102	85.5	10-130	4.23	40	L469447-01	WG489723
Naphthalene	mg/kg	0.121	0.109	97.1	0-146	10.5	43	L469447-01	WG489723
p-Isopropyltoluene	mg/kg	0.111	0.106	89.2	10-131	5.32	43	L469447-01	WG489723
sec-Butylbenzene	mg/kg	0.115	0.109	92.4	10-134	5.60	43	L469447-01	WG489723
Styrene	mg/kg	0.124	0.118	99.6	10-140	5.14	35	L469447-01	WG489723
tert-Butylbenzene	mg/kg	0.116	0.111	93.0	11-137	4.97	39	L469447-01	WG489723
Tetrachloroethene	mg/kg	0.0815	0.0765	65.2	10-131	6.38	35	L469447-01	WG489723
Toluene	mg/kg	0.0807	0.0778	64.6	12-136	3.63	32	L469447-01	WG489723
trans-1,2-Dichloroethene	mg/kg	0.0565	0.0550	45.2	10-143	2.75	33	L469447-01	WG489723
trans-1,3-Dichloropropene	mg/kg	0.104	0.0973	83.6	16-147	7.13	32	L469447-01	WG489723
Trichloroethene	mg/kg	0.0824	0.0796	65.9	10-155	3.38	33	L469447-01	WG489723
Trichlorofluoromethane	mg/kg	0.0799	0.0780	63.9	10-154	2.34	32	L469447-01	WG489723
Vinyl chloride	mg/kg	0.0558	0.0557	44.6	10-159	0.130	36	L469447-01	WG489723
Xylenes, Total	mg/kg	0.305	0.288	81.2	10-138	5.44	36	L469447-01	WG489723
4-Bromofluorobenzene				104.0	59-140				WG489723
Dibromofluoromethane				100.8	63-139				WG489723
Toluene-d8				102.2	84-116				WG489723
a,a,a-Trifluorotoluene				103.0	80-118				WG489723
1,1,1,2-Tetrachloroethane	mg/kg	0.109	0.106	87.3	29-145	2.85	31	L469071-02	WG489909
1,1,1-Trichloroethane	mg/kg	0.124	0.128	99.4	23-147	2.94	32	L469071-02	WG489909
1,1,2,2-Tetrachloroethane	mg/kg	0.107	0.0949	85.5	18-150	12.2	33	L469071-02	WG489909
1,1,2-Trichloroethane	mg/kg	0.108	0.108	86.0	35-140	0.190	29	L469071-02	WG489909
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0971	0.113	77.6	10-145	15.0	35	L469071-02	WG489909
1,1-Dichloroethane	mg/kg	0.102	0.108	81.6	24-148	4.87	31	L469071-02	WG489909
1,1-Dichloroethene	mg/kg	0.109	0.113	87.5	10-149	3.59	34	L469071-02	WG489909
1,1-Dichloropropene	mg/kg	0.112	0.121	89.7	10-141	7.78	34	L469071-02	WG489909
1,2,3-Trichlorobenzene	mg/kg	0.0897	0.0941	71.3	10-129	4.86	43	L469071-02	WG489909
1,2,3-Trichloropropane	mg/kg	0.117	0.110	93.5	30-148	5.93	32	L469071-02	WG489909
1,2,3-Trimethylbenzene	mg/kg	0.104	0.112	83.0	10-137	7.32	36	L469071-02	WG489909
1,2,4-Trichlorobenzene	mg/kg	0.0912	0.0911	72.6	10-119	0.190	44	L469071-02	WG489909
1,2,4-Trimethylbenzene	mg/kg	0.0986	0.0991	78.9	10-145	0.480	41	L469071-02	WG489909
1,2-Dibromo-3-Chloropropane	mg/kg	0.0986	0.0997	78.9	19-145	1.08	35	L469071-02	WG489909
1,2-Dibromoethane	mg/kg	0.108	0.102	86.2	24-145	5.87	31	L469071-02	WG489909
1,2-Dichlorobenzene	mg/kg	0.102	0.110	81.5	12-130	7.46	35	L469071-02	WG489909
1,2-Dichloroethane	mg/kg	0.119	0.115	95.1	21-155	2.98	29	L469071-02	WG489909
1,2-Dichloropropane	mg/kg	0.101	0.102	80.4	28-144	1.51	30	L469071-02	WG489909
1,3,5-Trimethylbenzene	mg/kg	0.101	0.106	80.9	10-135	4.39	39	L469071-02	WG489909
1,3-Dichlorobenzene	mg/kg	0.0999	0.0926	79.9	10-129	7.59	38	L469071-02	WG489909
1,3-Dichloropropane	mg/kg	0.109	0.108	87.0	31-137	0.490	29	L469071-02	WG489909
1,4-Dichlorobenzene	mg/kg	0.0980	0.0993	78.1	10-121	1.29	36	L469071-02	WG489909
2,2-Dichloropropane	mg/kg	0.123	0.131	98.3	18-144	6.44	32	L469071-02	WG489909
2-Butanone (MEK)	mg/kg	0.573	0.561	91.6	21-143	1.96	37	L469071-02	WG489909
2-Chloroethyl vinyl ether	mg/kg	0.554	0.514	88.7	0-176	7.49	50	L469071-02	WG489909
2-Chlorotoluene	mg/kg	0.105	0.104	83.9	10-132	0.750	37	L469071-02	WG489909
4-Chlorotoluene	mg/kg	0.102	0.101	81.6	10-129	1.35	38	L469071-02	WG489909
4-Methyl-2-pentanone (MIBK)	mg/kg	0.550	0.519	87.9	31-151	5.75	36	L469071-02	WG489909
Acetone	mg/kg	0.596	0.584	85.3	13-158	1.94	34	L469071-02	WG489909
Acrylonitrile	mg/kg	0.490	0.495	78.4	20-154	0.990	35	L469071-02	WG489909
Benzene	mg/kg	0.110	0.111	87.6	16-143	1.11	31	L469071-02	WG489909
Bromobenzene	mg/kg	0.106	0.0973	84.6	14-135	8.28	39	L469071-02	WG489909

* Performance of this Analyte is outside of established criteria.

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

Quality Assurance Report
Level II

July 26, 2010

L469002

Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit	Ref Samp	Batch
			Ref	%Rec					
Bromodichloromethane	mg/kg	0.107	0.109	85.5	27-139	1.88	30	L469071-02	WG489909
Bromoform	mg/kg	0.104	0.0970	82.9	21-144	6.61	34	L469071-02	WG489909
Bromomethane	mg/kg	0.147	0.160	118.	0-180	8.67	41	L469071-02	WG489909
Carbon tetrachloride	mg/kg	0.123	0.132	97.6	12-149	7.25	34	L469071-02	WG489909
Chlorobenzene	mg/kg	0.105	0.104	83.6	17-134	0.970	34	L469071-02	WG489909
Chlorodibromomethane	mg/kg	0.105	0.0980	83.8	28-147	6.70	32	L469071-02	WG489909
Chloroethane	mg/kg	0.116	0.125	92.5	0-172	8.18	38	L469071-02	WG489909
Chloroform	mg/kg	0.121	0.124	97.0	28-138	2.28	30	L469071-02	WG489909
Chloromethane	mg/kg	0.104	0.107	83.1	10-158	3.04	35	L469071-02	WG489909
cis-1,2-Dichloroethene	mg/kg	0.124	0.128	99.0	21-147	3.05	31	L469071-02	WG489909
cis-1,3-Dichloropropene	mg/kg	0.103	0.105	82.1	17-145	1.91	32	L469071-02	WG489909
Di-isopropyl ether	mg/kg	0.101	0.0986	81.0	31-153	2.60	29	L469071-02	WG489909
Dibromomethane	mg/kg	0.105	0.107	84.3	24-147	1.91	30	L469071-02	WG489909
Dichlorodifluoromethane	mg/kg	0.114	0.132	90.8	0-192	14.5	38	L469071-02	WG489909
Ethylbenzene	mg/kg	0.104	0.104	83.1	12-137	0.160	36	L469071-02	WG489909
Hexachloro-1,3-butadiene	mg/kg	0.0893	0.111	71.5	10-123	21.5	50	L469071-02	WG489909
Isopropylbenzene	mg/kg	0.107	0.111	85.3	14-134	3.77	37	L469071-02	WG489909
Methyl tert-butyl ether	mg/kg	0.106	0.103	84.9	21-157	3.43	31	L469071-02	WG489909
Methylene Chloride	mg/kg	0.101	0.0955	80.8	12-149	5.63	31	L469071-02	WG489909
n-Butylbenzene	mg/kg	0.0945	0.111	75.6	10-130	16.2	48	L469071-02	WG489909
n-Propylbenzene	mg/kg	0.103	0.105	82.7	10-130	1.84	40	L469071-02	WG489909
Naphthalene	mg/kg	0.0984	0.101	78.2	0-146	2.15	43	L469071-02	WG489909
p-Isopropyltoluene	mg/kg	0.0978	0.102	78.2	10-131	4.28	43	L469071-02	WG489909
sec-Butylbenzene	mg/kg	0.103	0.109	82.5	10-134	5.64	43	L469071-02	WG489909
Styrene	mg/kg	0.102	0.0976	81.7	10-140	4.51	35	L469071-02	WG489909
tert-Butylbenzene	mg/kg	0.106	0.113	85.0	11-137	6.24	39	L469071-02	WG489909
Tetrachloroethene	mg/kg	0.100	0.108	80.3	10-131	7.21	35	L469071-02	WG489909
Toluene	mg/kg	0.103	0.105	82.0	12-136	2.49	32	L469071-02	WG489909
trans-1,2-Dichloroethene	mg/kg	0.0985	0.0995	78.4	10-143	1.05	33	L469071-02	WG489909
trans-1,3-Dichloropropene	mg/kg	0.106	0.105	84.6	16-147	0.720	32	L469071-02	WG489909
Trichloroethene	mg/kg	0.105	0.115	83.6	10-155	9.96	33	L469071-02	WG489909
Trichlorofluoromethane	mg/kg	0.128	0.137	102.	10-154	7.24	32	L469071-02	WG489909
Vinyl chloride	mg/kg	0.0969	0.104	77.6	10-159	7.22	36	L469071-02	WG489909
Xylenes, Total	mg/kg	0.310	0.310	82.6	10-138	0.180	36	L469071-02	WG489909

Batch number /Run number / Sample number cross reference

WG488651: R1291173: L469002-01 02 03 04 05 06 07 08 09 10
WG488652: R1291174: L469002-11 12 13 14 15
WG489110: R1292370: L469002-01 02 03 04 15
WG489116: R1296628: L469002-05 06 08
WG489909: R1299768: L469002-06 09 10 11 12 13 14
WG489723: R1300009: L469002-07

* * 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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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.

Project Description: Marketplace Retail Center Phone: 425 771 3304 FAX: 425 771 3549 Collected by: CDF		Billing Information: Terracon Consultants, INC 21905 64th Ave W Ste 100 Mountlake Terrace, WA 98043		Analysis/Container/Preservative						Chain of Custody Page <u>1</u> of <u>1</u> LAB SCIENCES 12065 Lebanon Road Mt. Juliet, TN 37122 Phone: (800) 767-5859 Phone: (615) 758-5858 Fax: (615) 758-5859 C243																																																																																					
		Report to: Jon Einarsen																																																																																													
		Email to: jmeinarsen@terracon.com																																																																																													
		City/State Collected: Bothell, WA																																																																																													
Client Project #: 81097016A		ESC Key:		EPA 8260						CoCode (lab use only)																																																																																					
Site/Facility ID#:		P.O.#:								Template/Prelogin																																																																																					
Collected by (signature): CDF 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		Shipped Via:																																																																																	
<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.</th> <th>of</th> <th>Cntrs</th> </tr> </thead> <tbody> <tr><td>MW-1</td><td></td><td>GW</td><td>~34'</td><td>8/10</td><td>1822</td><td>3</td><td>X</td><td></td></tr> <tr><td>MW-2</td><td></td><td>GW</td><td>~32'</td><td>8/12</td><td>1320</td><td>3</td><td>X</td><td></td></tr> <tr><td>MW-3</td><td></td><td>GW</td><td>~32'</td><td>8/12</td><td>1625</td><td>3</td><td>X</td><td></td></tr> <tr><td>MW-4</td><td></td><td>GW</td><td>~32'</td><td>8/12</td><td>1444</td><td>3</td><td>X</td><td></td></tr> <tr><td>MW-5</td><td></td><td>GW</td><td>~25'</td><td>8/10</td><td>1318</td><td>3</td><td>X</td><td></td></tr> <tr><td>MW-6</td><td></td><td>GW</td><td>~25'</td><td>8/10</td><td>1428</td><td>3</td><td>X</td><td></td></tr> <tr><td>MW-7</td><td></td><td>GW</td><td>~25'</td><td>8/10</td><td>1540</td><td>3</td><td>X</td><td></td></tr> <tr><td>Trip Blank</td><td></td><td>OT</td><td></td><td></td><td></td><td>1</td><td>X</td><td></td></tr> <tr><td>Equipment Blank</td><td></td><td>OT</td><td></td><td>8/12</td><td>1651</td><td>3</td><td>X</td><td></td></tr> </tbody> </table>		Sample ID	Comp/Grab							Matrix*	Depth	Date	Time	No.	of	Cntrs	MW-1		GW	~34'	8/10	1822	3	X		MW-2		GW	~32'	8/12	1320	3	X		MW-3		GW	~32'	8/12	1625	3	X		MW-4		GW	~32'	8/12	1444	3	X		MW-5		GW	~25'	8/10	1318	3	X		MW-6		GW	~25'	8/10	1428	3	X		MW-7		GW	~25'	8/10	1540	3	X		Trip Blank		OT				1	X		Equipment Blank		OT		8/12	1651	3
Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No.	of	Cntrs																																																																																							
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MW-4		GW	~32'	8/12	1444	3	X																																																																																								
MW-5		GW	~25'	8/10	1318	3	X																																																																																								
MW-6		GW	~25'	8/10	1428	3	X																																																																																								
MW-7		GW	~25'	8/10	1540	3	X																																																																																								
Trip Blank		OT				1	X																																																																																								
Equipment Blank		OT		8/12	1651	3	X																																																																																								

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

pH _____ Temp _____

Remarks:

Flow _____ Other _____

Relinquished by: (Signature) Relinquished by: (Signature) Relinquished by: (Signature)	Date: 8/13	Time: 1112	Received by: (Signature) 	Samples returned via: ☒ UPS ☐ FedEx ☐ Courier	Condition: (lab use only) OK	
	Date:	Time:	Received by: (Signature)	Temp: 3.7°C	Bottles Received: 25v	CoC Seals Intact: ☐ Y ☐ N ☐ NA
	Date:	Time:	Received for lab by: (Signature) T. Lewis	Date: 8/14/10	Time: 0900	pH Checked: _____ NCF: _____

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

Report Summary

Thursday August 19, 2010

Report Number: L473979

Samples Received: 08/14/10

Client Project: 81097016A

Description: Marketplace Retail Center

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

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, NV - TN000032008A

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Note: The use of the preparatory EPA Method 3511 is not approved or endorsed by the CA ELAP.

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

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

August 19, 2010

Date Received : August 14, 2010
Description : Marketplace Retail Center
Sample ID : MW-1 34FT
Collected By : CDF
Collection Date : 08/10/10 18:22

ESC Sample # : L473979-01

Site ID :

Project # : 81097016A

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Volatile Organics								
Acetone	U	16.	50.	ug/l		8260B	08/15/10	1
Acrolein	U	7.6	50.	ug/l		8260B	08/15/10	1
Acrylonitrile	U	1.9	10.	ug/l		8260B	08/15/10	1
Benzene	U	0.23	1.0	ug/l		8260B	08/15/10	1
Bromobenzene	U	0.23	1.0	ug/l		8260B	08/15/10	1
Bromodichloromethane	U	0.23	1.0	ug/l		8260B	08/15/10	1
Bromoform	U	0.37	1.0	ug/l		8260B	08/15/10	1
Bromomethane	U	1.6	5.0	ug/l		8260B	08/15/10	1
n-Butylbenzene	U	0.31	1.0	ug/l		8260B	08/15/10	1
sec-Butylbenzene	U	0.22	1.0	ug/l		8260B	08/15/10	1
tert-Butylbenzene	U	0.20	1.0	ug/l		8260B	08/15/10	1
Carbon tetrachloride	U	0.20	1.0	ug/l		8260B	08/15/10	1
Chlorobenzene	U	0.30	1.0	ug/l		8260B	08/15/10	1
Chlorodibromomethane	U	0.24	1.0	ug/l		8260B	08/15/10	1
Chloroethane	U	0.87	5.0	ug/l		8260B	08/15/10	1
2-Chloroethyl vinyl ether	U	5.7	50.	ug/l		8260B	08/15/10	1
Chloroform	0.82	0.27	5.0	ug/l	J	8260B	08/15/10	1
Chloromethane	U	0.76	2.5	ug/l		8260B	08/15/10	1
2-Chlorotoluene	U	0.28	1.0	ug/l		8260B	08/15/10	1
4-Chlorotoluene	U	0.20	1.0	ug/l		8260B	08/15/10	1
1,2-Dibromo-3-Chloropropane	U	1.3	5.0	ug/l		8260B	08/15/10	1
1,2-Dibromoethane	U	0.27	1.0	ug/l		8260B	08/15/10	1
Dibromomethane	U	0.35	1.0	ug/l		8260B	08/15/10	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l		8260B	08/15/10	1
1,3-Dichlorobenzene	U	0.29	1.0	ug/l		8260B	08/15/10	1
1,4-Dichlorobenzene	U	0.31	1.0	ug/l		8260B	08/15/10	1
Dichlorodifluoromethane	U	1.6	5.0	ug/l		8260B	08/15/10	1
1,1-Dichloroethane	U	0.32	1.0	ug/l		8260B	08/15/10	1
1,2-Dichloroethane	U	0.25	1.0	ug/l		8260B	08/15/10	1
1,1-Dichloroethene	U	0.41	1.0	ug/l		8260B	08/15/10	1
cis-1,2-Dichloroethene	1.4	0.34	1.0	ug/l		8260B	08/15/10	1
trans-1,2-Dichloroethene	U	0.26	1.0	ug/l		8260B	08/15/10	1
1,2-Dichloropropane	U	0.39	1.0	ug/l		8260B	08/15/10	1
1,1-Dichloropropene	U	0.26	1.0	ug/l		8260B	08/15/10	1
1,3-Dichloropropene	U	0.28	1.0	ug/l		8260B	08/15/10	1
cis-1,3-Dichloropropene	U	0.25	1.0	ug/l		8260B	08/15/10	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l		8260B	08/15/10	1
2,2-Dichloropropane	U	0.36	1.0	ug/l		8260B	08/15/10	1
Di-isopropyl ether	U	0.26	1.0	ug/l		8260B	08/15/10	1
Ethylbenzene	U	0.22	1.0	ug/l		8260B	08/15/10	1
Hexachloro-1,3-butadiene	U	0.38	1.0	ug/l		8260B	08/15/10	1
Isopropylbenzene	U	0.20	1.0	ug/l		8260B	08/15/10	1

U = ND (Not Detected)

RDL = Reported Detection Limit = LOQ = PQL = EQL

MDL = Minimum Detection Limit = LOD = SQL(TRRP)

Note:

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

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

August 19, 2010

Date Received : August 14, 2010
Description : Marketplace Retail Center

Sample ID : MW-1 34FT

Collected By : CDF
Collection Date : 08/10/10 18:22

ESC Sample # : L473979-01

Site ID :

Project # : 81097016A

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
p-Isopropyltoluene	U	0.31	1.0	ug/l		8260B	08/15/10	1
2-Butanone (MEK)	U	3.4	10.	ug/l		8260B	08/15/10	1
Methylene Chloride	U	0.91	5.0	ug/l		8260B	08/15/10	1
4-Methyl-2-pentanone (MIBK)	U	1.7	10.	ug/l		8260B	08/15/10	1
Methyl tert-butyl ether	U	0.63	1.0	ug/l		8260B	08/15/10	1
Naphthalene	U	0.98	5.0	ug/l		8260B	08/18/10	1
n-Propylbenzene	U	0.31	1.0	ug/l		8260B	08/15/10	1
Styrene	U	0.24	1.0	ug/l		8260B	08/15/10	1
1,1,1,2-Tetrachloroethane	U	0.32	1.0	ug/l		8260B	08/15/10	1
1,1,2,2-Tetrachloroethane	U	0.25	1.0	ug/l		8260B	08/15/10	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.39	1.0	ug/l		8260B	08/15/10	1
Tetrachloroethene	3.2	0.32	1.0	ug/l		8260B	08/15/10	1
Toluene	U	0.32	5.0	ug/l		8260B	08/15/10	1
1,2,3-Trichlorobenzene	U	0.32	1.0	ug/l		8260B	08/15/10	1
1,2,4-Trichlorobenzene	U	0.35	1.0	ug/l		8260B	08/15/10	1
1,1,1-Trichloroethane	U	0.31	1.0	ug/l		8260B	08/15/10	1
1,1,2-Trichloroethane	U	0.29	1.0	ug/l		8260B	08/15/10	1
Trichloroethene	U	0.31	1.0	ug/l		8260B	08/15/10	1
Trichlorofluoromethane	U	1.1	5.0	ug/l		8260B	08/15/10	1
1,2,3-Trichloropropane	U	0.74	1.0	ug/l		8260B	08/15/10	1
1,2,4-Trimethylbenzene	U	0.18	1.0	ug/l		8260B	08/15/10	1
1,2,3-Trimethylbenzene	U	0.30	1.0	ug/l		8260B	08/15/10	1
1,3,5-Trimethylbenzene	U	0.33	1.0	ug/l		8260B	08/15/10	1
Vinyl chloride	U	0.34	1.0	ug/l		8260B	08/15/10	1
Xylenes, Total	U	0.86	3.0	ug/l		8260B	08/15/10	1
Surrogate Recovery								
Toluene-d8	105.			% Rec.		8260B	08/15/10	1
Dibromofluoromethane	101.			% Rec.		8260B	08/15/10	1
4-Bromofluorobenzene	102.			% Rec.		8260B	08/15/10	1

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Est. 1970

REPORT OF ANALYSIS

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

August 19, 2010

Date Received : August 14, 2010
Description : Marketplace Retail Center

ESC Sample # : L473979-02

Sample ID : MW-2 32FT

Site ID :

Collected By : CDF
Collection Date : 08/12/10 13:20

Project # : 81097016A

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Volatile Organics								
Acetone	U	16.	50.	ug/l		8260B	08/15/10	1
Acrolein	U	7.6	50.	ug/l		8260B	08/15/10	1
Acrylonitrile	U	1.9	10.	ug/l		8260B	08/15/10	1
Benzene	U	0.23	1.0	ug/l		8260B	08/15/10	1
Bromobenzene	U	0.23	1.0	ug/l		8260B	08/15/10	1
Bromodichloromethane	U	0.23	1.0	ug/l		8260B	08/15/10	1
Bromoform	U	0.37	1.0	ug/l		8260B	08/15/10	1
Bromomethane	U	1.6	5.0	ug/l		8260B	08/15/10	1
n-Butylbenzene	U	0.31	1.0	ug/l		8260B	08/15/10	1
sec-Butylbenzene	U	0.22	1.0	ug/l		8260B	08/15/10	1
tert-Butylbenzene	U	0.20	1.0	ug/l		8260B	08/15/10	1
Carbon tetrachloride	U	0.20	1.0	ug/l		8260B	08/15/10	1
Chlorobenzene	U	0.30	1.0	ug/l		8260B	08/15/10	1
Chlorodibromomethane	U	0.24	1.0	ug/l		8260B	08/15/10	1
Chloroethane	U	0.87	5.0	ug/l	J4	8260B	08/15/10	1
2-Chloroethyl vinyl ether	U	5.7	50.	ug/l	J4	8260B	08/15/10	1
Chloroform	U	0.27	5.0	ug/l		8260B	08/15/10	1
Chloromethane	U	0.76	2.5	ug/l		8260B	08/15/10	1
2-Chlorotoluene	U	0.28	1.0	ug/l		8260B	08/15/10	1
4-Chlorotoluene	U	0.20	1.0	ug/l		8260B	08/15/10	1
1,2-Dibromo-3-Chloropropane	U	1.3	5.0	ug/l		8260B	08/15/10	1
1,2-Dibromoethane	U	0.27	1.0	ug/l		8260B	08/15/10	1
Dibromomethane	U	0.35	1.0	ug/l		8260B	08/15/10	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l		8260B	08/15/10	1
1,3-Dichlorobenzene	U	0.29	1.0	ug/l		8260B	08/15/10	1
1,4-Dichlorobenzene	U	0.31	1.0	ug/l		8260B	08/15/10	1
Dichlorodifluoromethane	U	1.6	5.0	ug/l		8260B	08/15/10	1
1,1-Dichloroethane	U	0.32	1.0	ug/l		8260B	08/15/10	1
1,2-Dichloroethane	U	0.25	1.0	ug/l		8260B	08/15/10	1
1,1-Dichloroethene	U	0.41	1.0	ug/l		8260B	08/15/10	1
cis-1,2-Dichloroethene	U	0.34	1.0	ug/l		8260B	08/15/10	1
trans-1,2-Dichloroethene	U	0.26	1.0	ug/l		8260B	08/15/10	1
1,2-Dichloropropane	U	0.39	1.0	ug/l		8260B	08/15/10	1
1,1-Dichloropropene	U	0.26	1.0	ug/l		8260B	08/15/10	1
1,3-Dichloropropene	U	0.28	1.0	ug/l		8260B	08/15/10	1
cis-1,3-Dichloropropene	U	0.25	1.0	ug/l		8260B	08/15/10	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l		8260B	08/15/10	1
2,2-Dichloropropane	U	0.36	1.0	ug/l		8260B	08/15/10	1
Di-isopropyl ether	U	0.26	1.0	ug/l		8260B	08/15/10	1
Ethylbenzene	U	0.22	1.0	ug/l		8260B	08/15/10	1
Hexachloro-1,3-butadiene	U	0.38	1.0	ug/l		8260B	08/15/10	1
Isopropylbenzene	U	0.20	1.0	ug/l		8260B	08/15/10	1

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Tax I.D. 62-0814289

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REPORT OF ANALYSIS

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

August 19, 2010

Date Received : August 14, 2010
Description : Marketplace Retail Center

Sample ID : MW-2 32FT

Collected By : CDF
Collection Date : 08/12/10 13:20

ESC Sample # : L473979-02

Site ID :

Project # : 81097016A

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
p-Isopropyltoluene	U	0.31	1.0	ug/l		8260B	08/15/10	1
2-Butanone (MEK)	U	3.4	10.	ug/l		8260B	08/15/10	1
Methylene Chloride	U	0.91	5.0	ug/l		8260B	08/15/10	1
4-Methyl-2-pentanone (MIBK)	U	1.7	10.	ug/l		8260B	08/15/10	1
Methyl tert-butyl ether	U	0.63	1.0	ug/l		8260B	08/15/10	1
Naphthalene	U	0.98	5.0	ug/l		8260B	08/15/10	1
n-Propylbenzene	U	0.31	1.0	ug/l		8260B	08/15/10	1
Styrene	U	0.24	1.0	ug/l		8260B	08/15/10	1
1,1,1,2-Tetrachloroethane	U	0.32	1.0	ug/l		8260B	08/15/10	1
1,1,2,2-Tetrachloroethane	U	0.25	1.0	ug/l		8260B	08/15/10	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.39	1.0	ug/l		8260B	08/15/10	1
Tetrachloroethene	U	0.32	1.0	ug/l		8260B	08/15/10	1
Toluene	U	0.32	5.0	ug/l		8260B	08/15/10	1
1,2,3-Trichlorobenzene	U	0.32	1.0	ug/l		8260B	08/15/10	1
1,2,4-Trichlorobenzene	U	0.35	1.0	ug/l		8260B	08/15/10	1
1,1,1-Trichloroethane	U	0.31	1.0	ug/l		8260B	08/15/10	1
1,1,2-Trichloroethane	U	0.29	1.0	ug/l		8260B	08/15/10	1
Trichloroethene	U	0.31	1.0	ug/l		8260B	08/15/10	1
Trichlorofluoromethane	U	1.1	5.0	ug/l		8260B	08/15/10	1
1,2,3-Trichloropropane	U	0.74	1.0	ug/l		8260B	08/15/10	1
1,2,4-Trimethylbenzene	U	0.18	1.0	ug/l		8260B	08/15/10	1
1,2,3-Trimethylbenzene	U	0.30	1.0	ug/l		8260B	08/15/10	1
1,3,5-Trimethylbenzene	U	0.33	1.0	ug/l		8260B	08/15/10	1
Vinyl chloride	U	0.34	1.0	ug/l		8260B	08/15/10	1
Xylenes, Total	U	0.86	3.0	ug/l		8260B	08/15/10	1
Surrogate Recovery								
Toluene-d8	104.			% Rec.		8260B	08/15/10	1
Dibromofluoromethane	99.8			% Rec.		8260B	08/15/10	1
4-Bromofluorobenzene	91.3			% Rec.		8260B	08/15/10	1

U = ND (Not Detected)

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REPORT OF ANALYSIS

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

August 19, 2010

Date Received : August 14, 2010
Description : Marketplace Retail Center

Sample ID : MW-3 32FT

Collected By : CDF
Collection Date : 08/12/10 16:25

ESC Sample # : L473979-03

Site ID :

Project # : 81097016A

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Volatile Organics								
Acetone	U	16.	50.	ug/l		8260B	08/15/10	1
Acrolein	U	7.6	50.	ug/l		8260B	08/15/10	1
Acrylonitrile	U	1.9	10.	ug/l		8260B	08/15/10	1
Benzene	U	0.23	1.0	ug/l		8260B	08/15/10	1
Bromobenzene	U	0.23	1.0	ug/l		8260B	08/15/10	1
Bromodichloromethane	U	0.23	1.0	ug/l		8260B	08/15/10	1
Bromoform	U	0.37	1.0	ug/l		8260B	08/15/10	1
Bromomethane	U	1.6	5.0	ug/l		8260B	08/15/10	1
n-Butylbenzene	U	0.31	1.0	ug/l		8260B	08/15/10	1
sec-Butylbenzene	U	0.22	1.0	ug/l		8260B	08/15/10	1
tert-Butylbenzene	U	0.20	1.0	ug/l		8260B	08/15/10	1
Carbon tetrachloride	U	0.20	1.0	ug/l		8260B	08/15/10	1
Chlorobenzene	U	0.30	1.0	ug/l		8260B	08/15/10	1
Chlorodibromomethane	U	0.24	1.0	ug/l		8260B	08/15/10	1
Chloroethane	U	0.87	5.0	ug/l	J4	8260B	08/15/10	1
2-Chloroethyl vinyl ether	U	5.7	50.	ug/l	J4	8260B	08/15/10	1
Chloroform	U	0.27	5.0	ug/l		8260B	08/15/10	1
Chloromethane	U	0.76	2.5	ug/l		8260B	08/15/10	1
2-Chlorotoluene	U	0.28	1.0	ug/l		8260B	08/15/10	1
4-Chlorotoluene	U	0.20	1.0	ug/l		8260B	08/15/10	1
1,2-Dibromo-3-Chloropropane	U	1.3	5.0	ug/l		8260B	08/15/10	1
1,2-Dibromoethane	U	0.27	1.0	ug/l		8260B	08/15/10	1
Dibromomethane	U	0.35	1.0	ug/l		8260B	08/15/10	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l		8260B	08/15/10	1
1,3-Dichlorobenzene	U	0.29	1.0	ug/l		8260B	08/15/10	1
1,4-Dichlorobenzene	U	0.31	1.0	ug/l		8260B	08/15/10	1
Dichlorodifluoromethane	U	1.6	5.0	ug/l		8260B	08/15/10	1
1,1-Dichloroethane	U	0.32	1.0	ug/l		8260B	08/15/10	1
1,2-Dichloroethane	U	0.25	1.0	ug/l		8260B	08/15/10	1
1,1-Dichloroethene	U	0.41	1.0	ug/l		8260B	08/15/10	1
cis-1,2-Dichloroethene	U	0.34	1.0	ug/l		8260B	08/15/10	1
trans-1,2-Dichloroethene	U	0.26	1.0	ug/l		8260B	08/15/10	1
1,2-Dichloropropane	U	0.39	1.0	ug/l		8260B	08/15/10	1
1,1-Dichloropropene	U	0.26	1.0	ug/l		8260B	08/15/10	1
1,3-Dichloropropene	U	0.28	1.0	ug/l		8260B	08/15/10	1
cis-1,3-Dichloropropene	U	0.25	1.0	ug/l		8260B	08/15/10	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l		8260B	08/15/10	1
2,2-Dichloropropane	U	0.36	1.0	ug/l		8260B	08/15/10	1
Di-isopropyl ether	U	0.26	1.0	ug/l		8260B	08/15/10	1
Ethylbenzene	U	0.22	1.0	ug/l		8260B	08/15/10	1
Hexachloro-1,3-butadiene	U	0.38	1.0	ug/l		8260B	08/15/10	1
Isopropylbenzene	U	0.20	1.0	ug/l		8260B	08/15/10	1

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Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

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

August 19, 2010

Date Received : August 14, 2010
Description : Marketplace Retail Center

Sample ID : MW-3 32FT

Collected By : CDF
Collection Date : 08/12/10 16:25

ESC Sample # : L473979-03

Site ID :

Project # : 81097016A

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
p-Isopropyltoluene	U	0.31	1.0	ug/l		8260B	08/15/10	1
2-Butanone (MEK)	U	3.4	10.	ug/l		8260B	08/15/10	1
Methylene Chloride	U	0.91	5.0	ug/l		8260B	08/15/10	1
4-Methyl-2-pentanone (MIBK)	U	1.7	10.	ug/l		8260B	08/15/10	1
Methyl tert-butyl ether	U	0.63	1.0	ug/l		8260B	08/15/10	1
Naphthalene	U	0.98	5.0	ug/l		8260B	08/15/10	1
n-Propylbenzene	U	0.31	1.0	ug/l		8260B	08/15/10	1
Styrene	U	0.24	1.0	ug/l		8260B	08/15/10	1
1,1,1,2-Tetrachloroethane	U	0.32	1.0	ug/l		8260B	08/15/10	1
1,1,2,2-Tetrachloroethane	U	0.25	1.0	ug/l		8260B	08/15/10	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.39	1.0	ug/l		8260B	08/15/10	1
Tetrachloroethene	6.4	0.32	1.0	ug/l		8260B	08/15/10	1
Toluene	U	0.32	5.0	ug/l		8260B	08/15/10	1
1,2,3-Trichlorobenzene	U	0.32	1.0	ug/l		8260B	08/15/10	1
1,2,4-Trichlorobenzene	U	0.35	1.0	ug/l		8260B	08/15/10	1
1,1,1-Trichloroethane	U	0.31	1.0	ug/l		8260B	08/15/10	1
1,1,2-Trichloroethane	U	0.29	1.0	ug/l		8260B	08/15/10	1
Trichloroethene	U	0.31	1.0	ug/l		8260B	08/15/10	1
Trichlorofluoromethane	U	1.1	5.0	ug/l		8260B	08/15/10	1
1,2,3-Trichloropropane	U	0.74	1.0	ug/l		8260B	08/15/10	1
1,2,4-Trimethylbenzene	U	0.18	1.0	ug/l		8260B	08/15/10	1
1,2,3-Trimethylbenzene	U	0.30	1.0	ug/l		8260B	08/15/10	1
1,3,5-Trimethylbenzene	U	0.33	1.0	ug/l		8260B	08/15/10	1
Vinyl chloride	U	0.34	1.0	ug/l		8260B	08/15/10	1
Xylenes, Total	U	0.86	3.0	ug/l		8260B	08/15/10	1
Surrogate Recovery								
Toluene-d8	104.			% Rec.		8260B	08/15/10	1
Dibromofluoromethane	100.			% Rec.		8260B	08/15/10	1
4-Bromofluorobenzene	93.3			% Rec.		8260B	08/15/10	1

U = ND (Not Detected)

RDL = Reported Detection Limit = LOQ = PQL = EQL

MDL = Minimum Detection Limit = LOD = SQL(TRRP)

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Est. 1970

REPORT OF ANALYSIS

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

August 19, 2010

Date Received : August 14, 2010
Description : Marketplace Retail Center

Sample ID : MW-4 32FT

Collected By : CDF
Collection Date : 08/12/10 14:44

ESC Sample # : L473979-04

Site ID :

Project # : 81097016A

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Volatile Organics								
Acetone	U	16.	50.	ug/l		8260B	08/15/10	1
Acrolein	U	7.6	50.	ug/l		8260B	08/15/10	1
Acrylonitrile	U	1.9	10.	ug/l		8260B	08/15/10	1
Benzene	U	0.23	1.0	ug/l		8260B	08/15/10	1
Bromobenzene	U	0.23	1.0	ug/l		8260B	08/15/10	1
Bromodichloromethane	U	0.23	1.0	ug/l		8260B	08/15/10	1
Bromoform	U	0.37	1.0	ug/l		8260B	08/15/10	1
Bromomethane	U	1.6	5.0	ug/l		8260B	08/15/10	1
n-Butylbenzene	U	0.31	1.0	ug/l		8260B	08/15/10	1
sec-Butylbenzene	U	0.22	1.0	ug/l		8260B	08/15/10	1
tert-Butylbenzene	U	0.20	1.0	ug/l		8260B	08/15/10	1
Carbon tetrachloride	U	0.20	1.0	ug/l		8260B	08/15/10	1
Chlorobenzene	U	0.30	1.0	ug/l		8260B	08/15/10	1
Chlorodibromomethane	U	0.24	1.0	ug/l		8260B	08/15/10	1
Chloroethane	U	0.87	5.0	ug/l	J4	8260B	08/15/10	1
2-Chloroethyl vinyl ether	U	5.7	50.	ug/l	J4	8260B	08/15/10	1
Chloroform	U	0.27	5.0	ug/l		8260B	08/15/10	1
Chloromethane	U	0.76	2.5	ug/l		8260B	08/15/10	1
2-Chlorotoluene	U	0.28	1.0	ug/l		8260B	08/15/10	1
4-Chlorotoluene	U	0.20	1.0	ug/l		8260B	08/15/10	1
1,2-Dibromo-3-Chloropropane	U	1.3	5.0	ug/l		8260B	08/15/10	1
1,2-Dibromoethane	U	0.27	1.0	ug/l		8260B	08/15/10	1
Dibromomethane	U	0.35	1.0	ug/l		8260B	08/15/10	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l		8260B	08/15/10	1
1,3-Dichlorobenzene	U	0.29	1.0	ug/l		8260B	08/15/10	1
1,4-Dichlorobenzene	U	0.31	1.0	ug/l		8260B	08/15/10	1
Dichlorodifluoromethane	U	1.6	5.0	ug/l		8260B	08/15/10	1
1,1-Dichloroethane	U	0.32	1.0	ug/l		8260B	08/15/10	1
1,2-Dichloroethane	U	0.25	1.0	ug/l		8260B	08/15/10	1
1,1-Dichloroethene	U	0.41	1.0	ug/l		8260B	08/15/10	1
cis-1,2-Dichloroethene	U	0.34	1.0	ug/l		8260B	08/15/10	1
trans-1,2-Dichloroethene	U	0.26	1.0	ug/l		8260B	08/15/10	1
1,2-Dichloropropane	U	0.39	1.0	ug/l		8260B	08/15/10	1
1,1-Dichloropropene	U	0.26	1.0	ug/l		8260B	08/15/10	1
1,3-Dichloropropene	U	0.28	1.0	ug/l		8260B	08/15/10	1
cis-1,3-Dichloropropene	U	0.25	1.0	ug/l		8260B	08/15/10	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l		8260B	08/15/10	1
2,2-Dichloropropane	U	0.36	1.0	ug/l		8260B	08/15/10	1
Di-isopropyl ether	U	0.26	1.0	ug/l		8260B	08/15/10	1
Ethylbenzene	U	0.22	1.0	ug/l		8260B	08/15/10	1
Hexachloro-1,3-butadiene	U	0.38	1.0	ug/l		8260B	08/15/10	1
Isopropylbenzene	U	0.20	1.0	ug/l		8260B	08/15/10	1

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Est. 1970

REPORT OF ANALYSIS

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

August 19, 2010

Date Received : August 14, 2010
Description : Marketplace Retail Center

Sample ID : MW-4 32FT

Collected By : CDF
Collection Date : 08/12/10 14:44

ESC Sample # : L473979-04

Site ID :

Project # : 81097016A

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
p-Isopropyltoluene	U	0.31	1.0	ug/l		8260B	08/15/10	1
2-Butanone (MEK)	U	3.4	10.	ug/l		8260B	08/15/10	1
Methylene Chloride	U	0.91	5.0	ug/l		8260B	08/15/10	1
4-Methyl-2-pentanone (MIBK)	U	1.7	10.	ug/l		8260B	08/15/10	1
Methyl tert-butyl ether	U	0.63	1.0	ug/l		8260B	08/15/10	1
Naphthalene	U	0.98	5.0	ug/l		8260B	08/15/10	1
n-Propylbenzene	U	0.31	1.0	ug/l		8260B	08/15/10	1
Styrene	U	0.24	1.0	ug/l		8260B	08/15/10	1
1,1,1,2-Tetrachloroethane	U	0.32	1.0	ug/l		8260B	08/15/10	1
1,1,2,2-Tetrachloroethane	U	0.25	1.0	ug/l		8260B	08/15/10	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.39	1.0	ug/l		8260B	08/15/10	1
Tetrachloroethene	140	0.32	1.0	ug/l		8260B	08/15/10	1
Toluene	U	0.32	5.0	ug/l		8260B	08/15/10	1
1,2,3-Trichlorobenzene	U	0.32	1.0	ug/l		8260B	08/15/10	1
1,2,4-Trichlorobenzene	U	0.35	1.0	ug/l		8260B	08/15/10	1
1,1,1-Trichloroethane	U	0.31	1.0	ug/l		8260B	08/15/10	1
1,1,2-Trichloroethane	U	0.29	1.0	ug/l		8260B	08/15/10	1
Trichloroethene	U	0.31	1.0	ug/l		8260B	08/15/10	1
Trichlorofluoromethane	U	1.1	5.0	ug/l		8260B	08/15/10	1
1,2,3-Trichloropropane	U	0.74	1.0	ug/l		8260B	08/15/10	1
1,2,4-Trimethylbenzene	U	0.18	1.0	ug/l		8260B	08/15/10	1
1,2,3-Trimethylbenzene	U	0.30	1.0	ug/l		8260B	08/15/10	1
1,3,5-Trimethylbenzene	U	0.33	1.0	ug/l		8260B	08/15/10	1
Vinyl chloride	U	0.34	1.0	ug/l		8260B	08/15/10	1
Xylenes, Total	U	0.86	3.0	ug/l		8260B	08/15/10	1
Surrogate Recovery								
Toluene-d8	105.			% Rec.		8260B	08/15/10	1
Dibromofluoromethane	101.			% Rec.		8260B	08/15/10	1
4-Bromofluorobenzene	94.0			% Rec.		8260B	08/15/10	1

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Est. 1970

REPORT OF ANALYSIS

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

August 19, 2010

Date Received : August 14, 2010
Description : Marketplace Retail Center

Sample ID : MW-5 25FT

Collected By : CDF
Collection Date : 08/10/10 13:18

ESC Sample # : L473979-05

Site ID :

Project # : 81097016A

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Volatile Organics								
Acetone	U	16.	50.	ug/l		8260B	08/15/10	1
Acrolein	U	7.6	50.	ug/l		8260B	08/15/10	1
Acrylonitrile	U	1.9	10.	ug/l		8260B	08/15/10	1
Benzene	1.4	0.23	1.0	ug/l		8260B	08/15/10	1
Bromobenzene	U	0.23	1.0	ug/l		8260B	08/15/10	1
Bromodichloromethane	U	0.23	1.0	ug/l		8260B	08/15/10	1
Bromoform	U	0.37	1.0	ug/l		8260B	08/15/10	1
Bromomethane	U	1.6	5.0	ug/l		8260B	08/15/10	1
n-Butylbenzene	U	0.31	1.0	ug/l		8260B	08/15/10	1
sec-Butylbenzene	U	0.22	1.0	ug/l		8260B	08/15/10	1
tert-Butylbenzene	U	0.20	1.0	ug/l		8260B	08/15/10	1
Carbon tetrachloride	U	0.20	1.0	ug/l		8260B	08/15/10	1
Chlorobenzene	U	0.30	1.0	ug/l		8260B	08/15/10	1
Chlorodibromomethane	U	0.24	1.0	ug/l		8260B	08/15/10	1
Chloroethane	U	0.87	5.0	ug/l	J4	8260B	08/15/10	1
2-Chloroethyl vinyl ether	U	5.7	50.	ug/l	J4	8260B	08/15/10	1
Chloroform	U	0.27	5.0	ug/l		8260B	08/15/10	1
Chloromethane	U	0.76	2.5	ug/l		8260B	08/15/10	1
2-Chlorotoluene	U	0.28	1.0	ug/l		8260B	08/15/10	1
4-Chlorotoluene	U	0.20	1.0	ug/l		8260B	08/15/10	1
1,2-Dibromo-3-Chloropropane	U	1.3	5.0	ug/l		8260B	08/15/10	1
1,2-Dibromoethane	U	0.27	1.0	ug/l		8260B	08/15/10	1
Dibromomethane	U	0.35	1.0	ug/l		8260B	08/15/10	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l		8260B	08/15/10	1
1,3-Dichlorobenzene	U	0.29	1.0	ug/l		8260B	08/15/10	1
1,4-Dichlorobenzene	U	0.31	1.0	ug/l		8260B	08/15/10	1
Dichlorodifluoromethane	U	1.6	5.0	ug/l		8260B	08/15/10	1
1,1-Dichloroethane	U	0.32	1.0	ug/l		8260B	08/15/10	1
1,2-Dichloroethane	U	0.25	1.0	ug/l		8260B	08/15/10	1
1,1-Dichloroethene	U	0.41	1.0	ug/l		8260B	08/15/10	1
cis-1,2-Dichloroethene	U	0.34	1.0	ug/l		8260B	08/15/10	1
trans-1,2-Dichloroethene	U	0.26	1.0	ug/l		8260B	08/15/10	1
1,2-Dichloropropane	U	0.39	1.0	ug/l		8260B	08/15/10	1
1,1-Dichloropropene	U	0.26	1.0	ug/l		8260B	08/15/10	1
1,3-Dichloropropene	U	0.28	1.0	ug/l		8260B	08/15/10	1
cis-1,3-Dichloropropene	U	0.25	1.0	ug/l		8260B	08/15/10	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l		8260B	08/15/10	1
2,2-Dichloropropane	U	0.36	1.0	ug/l		8260B	08/15/10	1
Di-isopropyl ether	U	0.26	1.0	ug/l		8260B	08/15/10	1
Ethylbenzene	U	0.22	1.0	ug/l		8260B	08/15/10	1
Hexachloro-1,3-butadiene	U	0.38	1.0	ug/l		8260B	08/15/10	1
Isopropylbenzene	U	0.20	1.0	ug/l		8260B	08/15/10	1

U = ND (Not Detected)

RDL = Reported Detection Limit = LOQ = PQL = EQL

MDL = Minimum Detection Limit = LOD = SQL(TRRP)

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

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

August 19, 2010

Date Received : August 14, 2010
Description : Marketplace Retail Center

Sample ID : MW-5 25FT

Collected By : CDF
Collection Date : 08/10/10 13:18

ESC Sample # : L473979-05

Site ID :

Project # : 81097016A

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
p-Isopropyltoluene	U	0.31	1.0	ug/l		8260B	08/15/10	1
2-Butanone (MEK)	U	3.4	10.	ug/l		8260B	08/15/10	1
Methylene Chloride	U	0.91	5.0	ug/l		8260B	08/15/10	1
4-Methyl-2-pentanone (MIBK)	U	1.7	10.	ug/l		8260B	08/15/10	1
Methyl tert-butyl ether	U	0.63	1.0	ug/l		8260B	08/15/10	1
Naphthalene	U	0.98	5.0	ug/l		8260B	08/15/10	1
n-Propylbenzene	U	0.31	1.0	ug/l		8260B	08/15/10	1
Styrene	U	0.24	1.0	ug/l		8260B	08/15/10	1
1,1,1,2-Tetrachloroethane	U	0.32	1.0	ug/l		8260B	08/15/10	1
1,1,2,2-Tetrachloroethane	U	0.25	1.0	ug/l		8260B	08/15/10	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.39	1.0	ug/l		8260B	08/15/10	1
Tetrachloroethene	0.61	0.32	1.0	ug/l	J	8260B	08/15/10	1
Toluene	U	0.32	5.0	ug/l		8260B	08/15/10	1
1,2,3-Trichlorobenzene	U	0.32	1.0	ug/l		8260B	08/15/10	1
1,2,4-Trichlorobenzene	U	0.35	1.0	ug/l		8260B	08/15/10	1
1,1,1-Trichloroethane	U	0.31	1.0	ug/l		8260B	08/15/10	1
1,1,2-Trichloroethane	U	0.29	1.0	ug/l		8260B	08/15/10	1
Trichloroethene	U	0.31	1.0	ug/l		8260B	08/15/10	1
Trichlorofluoromethane	U	1.1	5.0	ug/l		8260B	08/15/10	1
1,2,3-Trichloropropane	U	0.74	1.0	ug/l		8260B	08/15/10	1
1,2,4-Trimethylbenzene	U	0.18	1.0	ug/l		8260B	08/15/10	1
1,2,3-Trimethylbenzene	U	0.30	1.0	ug/l		8260B	08/15/10	1
1,3,5-Trimethylbenzene	U	0.33	1.0	ug/l		8260B	08/15/10	1
Vinyl chloride	U	0.34	1.0	ug/l		8260B	08/15/10	1
Xylenes, Total	U	0.86	3.0	ug/l		8260B	08/15/10	1
Surrogate Recovery								
Toluene-d8	106.			% Rec.		8260B	08/15/10	1
Dibromofluoromethane	99.4			% Rec.		8260B	08/15/10	1
4-Bromofluorobenzene	96.9			% Rec.		8260B	08/15/10	1

U = ND (Not Detected)

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

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

August 19, 2010

Date Received : August 14, 2010
Description : Marketplace Retail Center

Sample ID : MW-6 25FT

Collected By : CDF
Collection Date : 08/10/10 14:28

ESC Sample # : L473979-06

Site ID :

Project # : 81097016A

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Volatile Organics								
Acetone	U	16.	50.	ug/l		8260B	08/15/10	1
Acrolein	U	7.6	50.	ug/l		8260B	08/15/10	1
Acrylonitrile	U	1.9	10.	ug/l		8260B	08/15/10	1
Benzene	U	0.23	1.0	ug/l		8260B	08/15/10	1
Bromobenzene	U	0.23	1.0	ug/l		8260B	08/15/10	1
Bromodichloromethane	U	0.23	1.0	ug/l		8260B	08/15/10	1
Bromoform	U	0.37	1.0	ug/l		8260B	08/15/10	1
Bromomethane	U	1.6	5.0	ug/l		8260B	08/15/10	1
n-Butylbenzene	U	0.31	1.0	ug/l		8260B	08/15/10	1
sec-Butylbenzene	U	0.22	1.0	ug/l		8260B	08/15/10	1
tert-Butylbenzene	U	0.20	1.0	ug/l		8260B	08/15/10	1
Carbon tetrachloride	U	0.20	1.0	ug/l		8260B	08/15/10	1
Chlorobenzene	U	0.30	1.0	ug/l		8260B	08/15/10	1
Chlorodibromomethane	U	0.24	1.0	ug/l		8260B	08/15/10	1
Chloroethane	U	0.87	5.0	ug/l	J4	8260B	08/15/10	1
2-Chloroethyl vinyl ether	U	5.7	50.	ug/l	J4	8260B	08/15/10	1
Chloroform	U	0.27	5.0	ug/l		8260B	08/15/10	1
Chloromethane	U	0.76	2.5	ug/l		8260B	08/15/10	1
2-Chlorotoluene	U	0.28	1.0	ug/l		8260B	08/15/10	1
4-Chlorotoluene	U	0.20	1.0	ug/l		8260B	08/15/10	1
1,2-Dibromo-3-Chloropropane	U	1.3	5.0	ug/l		8260B	08/15/10	1
1,2-Dibromoethane	U	0.27	1.0	ug/l		8260B	08/15/10	1
Dibromomethane	U	0.35	1.0	ug/l		8260B	08/15/10	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l		8260B	08/15/10	1
1,3-Dichlorobenzene	U	0.29	1.0	ug/l		8260B	08/15/10	1
1,4-Dichlorobenzene	U	0.31	1.0	ug/l		8260B	08/15/10	1
Dichlorodifluoromethane	U	1.6	5.0	ug/l		8260B	08/15/10	1
1,1-Dichloroethane	U	0.32	1.0	ug/l		8260B	08/15/10	1
1,2-Dichloroethane	U	0.25	1.0	ug/l		8260B	08/15/10	1
1,1-Dichloroethene	U	0.41	1.0	ug/l		8260B	08/15/10	1
cis-1,2-Dichloroethene	U	0.34	1.0	ug/l		8260B	08/15/10	1
trans-1,2-Dichloroethene	U	0.26	1.0	ug/l		8260B	08/15/10	1
1,2-Dichloropropane	U	0.39	1.0	ug/l		8260B	08/15/10	1
1,1-Dichloropropene	U	0.26	1.0	ug/l		8260B	08/15/10	1
1,3-Dichloropropene	U	0.28	1.0	ug/l		8260B	08/15/10	1
cis-1,3-Dichloropropene	U	0.25	1.0	ug/l		8260B	08/15/10	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l		8260B	08/15/10	1
2,2-Dichloropropane	U	0.36	1.0	ug/l		8260B	08/15/10	1
Di-isopropyl ether	U	0.26	1.0	ug/l		8260B	08/15/10	1
Ethylbenzene	U	0.22	1.0	ug/l		8260B	08/15/10	1
Hexachloro-1,3-butadiene	U	0.38	1.0	ug/l		8260B	08/15/10	1
Isopropylbenzene	U	0.20	1.0	ug/l		8260B	08/15/10	1

U = ND (Not Detected)

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

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

August 19, 2010

Date Received : August 14, 2010
Description : Marketplace Retail Center

Sample ID : MW-6 25FT

Collected By : CDF
Collection Date : 08/10/10 14:28

ESC Sample # : L473979-06

Site ID :

Project # : 81097016A

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
p-Isopropyltoluene	U	0.31	1.0	ug/l		8260B	08/15/10	1
2-Butanone (MEK)	U	3.4	10.	ug/l		8260B	08/15/10	1
Methylene Chloride	U	0.91	5.0	ug/l		8260B	08/15/10	1
4-Methyl-2-pentanone (MIBK)	U	1.7	10.	ug/l		8260B	08/15/10	1
Methyl tert-butyl ether	U	0.63	1.0	ug/l		8260B	08/15/10	1
Naphthalene	U	0.98	5.0	ug/l		8260B	08/15/10	1
n-Propylbenzene	U	0.31	1.0	ug/l		8260B	08/15/10	1
Styrene	U	0.24	1.0	ug/l		8260B	08/15/10	1
1,1,1,2-Tetrachloroethane	U	0.32	1.0	ug/l		8260B	08/15/10	1
1,1,2,2-Tetrachloroethane	U	0.25	1.0	ug/l		8260B	08/15/10	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.39	1.0	ug/l		8260B	08/15/10	1
Tetrachloroethene	U	0.32	1.0	ug/l		8260B	08/15/10	1
Toluene	U	0.32	5.0	ug/l		8260B	08/15/10	1
1,2,3-Trichlorobenzene	U	0.32	1.0	ug/l		8260B	08/15/10	1
1,2,4-Trichlorobenzene	U	0.35	1.0	ug/l		8260B	08/15/10	1
1,1,1-Trichloroethane	U	0.31	1.0	ug/l		8260B	08/15/10	1
1,1,2-Trichloroethane	U	0.29	1.0	ug/l		8260B	08/15/10	1
Trichloroethene	U	0.31	1.0	ug/l		8260B	08/15/10	1
Trichlorofluoromethane	U	1.1	5.0	ug/l		8260B	08/15/10	1
1,2,3-Trichloropropane	U	0.74	1.0	ug/l		8260B	08/15/10	1
1,2,4-Trimethylbenzene	U	0.18	1.0	ug/l		8260B	08/15/10	1
1,2,3-Trimethylbenzene	U	0.30	1.0	ug/l		8260B	08/15/10	1
1,3,5-Trimethylbenzene	U	0.33	1.0	ug/l		8260B	08/15/10	1
Vinyl chloride	U	0.34	1.0	ug/l		8260B	08/15/10	1
Xylenes, Total	U	0.86	3.0	ug/l		8260B	08/15/10	1
Surrogate Recovery								
Toluene-d8	105.			% Rec.		8260B	08/15/10	1
Dibromofluoromethane	100.			% Rec.		8260B	08/15/10	1
4-Bromofluorobenzene	90.7			% Rec.		8260B	08/15/10	1

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Est. 1970

REPORT OF ANALYSIS

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

August 19, 2010

Date Received : August 14, 2010
Description : Marketplace Retail Center

Sample ID : MW-7 25FT

Collected By : CDF
Collection Date : 08/10/10 15:40

ESC Sample # : L473979-07

Site ID :

Project # : 81097016A

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Volatile Organics								
Acetone	U	16.	50.	ug/l		8260B	08/15/10	1
Acrolein	U	7.6	50.	ug/l		8260B	08/15/10	1
Acrylonitrile	U	1.9	10.	ug/l		8260B	08/15/10	1
Benzene	U	0.23	1.0	ug/l		8260B	08/15/10	1
Bromobenzene	U	0.23	1.0	ug/l		8260B	08/15/10	1
Bromodichloromethane	U	0.23	1.0	ug/l		8260B	08/15/10	1
Bromoform	U	0.37	1.0	ug/l		8260B	08/15/10	1
Bromomethane	U	1.6	5.0	ug/l		8260B	08/15/10	1
n-Butylbenzene	U	0.31	1.0	ug/l		8260B	08/15/10	1
sec-Butylbenzene	U	0.22	1.0	ug/l		8260B	08/15/10	1
tert-Butylbenzene	U	0.20	1.0	ug/l		8260B	08/15/10	1
Carbon tetrachloride	U	0.20	1.0	ug/l		8260B	08/15/10	1
Chlorobenzene	U	0.30	1.0	ug/l		8260B	08/15/10	1
Chlorodibromomethane	U	0.24	1.0	ug/l		8260B	08/15/10	1
Chloroethane	U	0.87	5.0	ug/l	J4	8260B	08/15/10	1
2-Chloroethyl vinyl ether	U	5.7	50.	ug/l	J4	8260B	08/15/10	1
Chloroform	3.6	0.27	5.0	ug/l	J	8260B	08/15/10	1
Chloromethane	U	0.76	2.5	ug/l		8260B	08/15/10	1
2-Chlorotoluene	U	0.28	1.0	ug/l		8260B	08/15/10	1
4-Chlorotoluene	U	0.20	1.0	ug/l		8260B	08/15/10	1
1,2-Dibromo-3-Chloropropane	U	1.3	5.0	ug/l		8260B	08/15/10	1
1,2-Dibromoethane	U	0.27	1.0	ug/l		8260B	08/15/10	1
Dibromomethane	U	0.35	1.0	ug/l		8260B	08/15/10	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l		8260B	08/15/10	1
1,3-Dichlorobenzene	U	0.29	1.0	ug/l		8260B	08/15/10	1
1,4-Dichlorobenzene	U	0.31	1.0	ug/l		8260B	08/15/10	1
Dichlorodifluoromethane	U	1.6	5.0	ug/l		8260B	08/15/10	1
1,1-Dichloroethane	U	0.32	1.0	ug/l		8260B	08/15/10	1
1,2-Dichloroethane	U	0.25	1.0	ug/l		8260B	08/15/10	1
1,1-Dichloroethene	U	0.41	1.0	ug/l		8260B	08/15/10	1
cis-1,2-Dichloroethene	U	0.34	1.0	ug/l		8260B	08/15/10	1
trans-1,2-Dichloroethene	U	0.26	1.0	ug/l		8260B	08/15/10	1
1,2-Dichloropropane	U	0.39	1.0	ug/l		8260B	08/15/10	1
1,1-Dichloropropene	U	0.26	1.0	ug/l		8260B	08/15/10	1
1,3-Dichloropropene	U	0.28	1.0	ug/l		8260B	08/15/10	1
cis-1,3-Dichloropropene	U	0.25	1.0	ug/l		8260B	08/15/10	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l		8260B	08/15/10	1
2,2-Dichloropropane	U	0.36	1.0	ug/l		8260B	08/15/10	1
Di-isopropyl ether	U	0.26	1.0	ug/l		8260B	08/15/10	1
Ethylbenzene	U	0.22	1.0	ug/l		8260B	08/15/10	1
Hexachloro-1,3-butadiene	U	0.38	1.0	ug/l		8260B	08/15/10	1
Isopropylbenzene	U	0.20	1.0	ug/l		8260B	08/15/10	1

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

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

August 19, 2010

Date Received : August 14, 2010
Description : Marketplace Retail Center
Sample ID : MW-7 25FT
Collected By : CDF
Collection Date : 08/10/10 15:40

ESC Sample # : L473979-07

Site ID :

Project # : 81097016A

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
p-Isopropyltoluene	U	0.31	1.0	ug/l		8260B	08/15/10	1
2-Butanone (MEK)	U	3.4	10.	ug/l		8260B	08/15/10	1
Methylene Chloride	U	0.91	5.0	ug/l		8260B	08/15/10	1
4-Methyl-2-pentanone (MIBK)	U	1.7	10.	ug/l		8260B	08/15/10	1
Methyl tert-butyl ether	U	0.63	1.0	ug/l		8260B	08/15/10	1
Naphthalene	U	0.98	5.0	ug/l		8260B	08/15/10	1
n-Propylbenzene	U	0.31	1.0	ug/l		8260B	08/15/10	1
Styrene	U	0.24	1.0	ug/l		8260B	08/15/10	1
1,1,1,2-Tetrachloroethane	U	0.32	1.0	ug/l		8260B	08/15/10	1
1,1,2,2-Tetrachloroethane	U	0.25	1.0	ug/l		8260B	08/15/10	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.39	1.0	ug/l		8260B	08/15/10	1
Tetrachloroethene	0.55	0.32	1.0	ug/l	J	8260B	08/15/10	1
Toluene	U	0.32	5.0	ug/l		8260B	08/15/10	1
1,2,3-Trichlorobenzene	U	0.32	1.0	ug/l		8260B	08/15/10	1
1,2,4-Trichlorobenzene	U	0.35	1.0	ug/l		8260B	08/15/10	1
1,1,1-Trichloroethane	U	0.31	1.0	ug/l		8260B	08/15/10	1
1,1,2-Trichloroethane	U	0.29	1.0	ug/l		8260B	08/15/10	1
Trichloroethene	U	0.31	1.0	ug/l		8260B	08/15/10	1
Trichlorofluoromethane	U	1.1	5.0	ug/l		8260B	08/15/10	1
1,2,3-Trichloropropane	U	0.74	1.0	ug/l		8260B	08/15/10	1
1,2,4-Trimethylbenzene	U	0.18	1.0	ug/l		8260B	08/15/10	1
1,2,3-Trimethylbenzene	U	0.30	1.0	ug/l		8260B	08/15/10	1
1,3,5-Trimethylbenzene	U	0.33	1.0	ug/l		8260B	08/15/10	1
Vinyl chloride	U	0.34	1.0	ug/l		8260B	08/15/10	1
Xylenes, Total	U	0.86	3.0	ug/l		8260B	08/15/10	1
Surrogate Recovery								
Toluene-d8	104.			% Rec.		8260B	08/15/10	1
Dibromofluoromethane	102.			% Rec.		8260B	08/15/10	1
4-Bromofluorobenzene	88.1			% Rec.		8260B	08/15/10	1

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Est. 1970

REPORT OF ANALYSIS

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

August 19, 2010

Date Received : August 14, 2010
Description : Marketplace Retail Center

Sample ID : TRIPBLANK

Collected By : CDF
Collection Date : 08/10/10 00:00

ESC Sample # : L473979-08

Site ID :

Project # : 81097016A

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Volatile Organics								
Acetone	U	16.	50.	ug/l		8260B	08/15/10	1
Acrolein	U	7.6	50.	ug/l		8260B	08/15/10	1
Acrylonitrile	U	1.9	10.	ug/l		8260B	08/15/10	1
Benzene	U	0.23	1.0	ug/l		8260B	08/15/10	1
Bromobenzene	U	0.23	1.0	ug/l		8260B	08/15/10	1
Bromodichloromethane	U	0.23	1.0	ug/l		8260B	08/15/10	1
Bromoform	U	0.37	1.0	ug/l		8260B	08/15/10	1
Bromomethane	U	1.6	5.0	ug/l		8260B	08/15/10	1
n-Butylbenzene	U	0.31	1.0	ug/l		8260B	08/15/10	1
sec-Butylbenzene	U	0.22	1.0	ug/l		8260B	08/15/10	1
tert-Butylbenzene	U	0.20	1.0	ug/l		8260B	08/15/10	1
Carbon tetrachloride	U	0.20	1.0	ug/l		8260B	08/15/10	1
Chlorobenzene	U	0.30	1.0	ug/l		8260B	08/15/10	1
Chlorodibromomethane	U	0.24	1.0	ug/l		8260B	08/15/10	1
Chloroethane	U	0.87	5.0	ug/l	J4	8260B	08/15/10	1
2-Chloroethyl vinyl ether	U	5.7	50.	ug/l	J4	8260B	08/15/10	1
Chloroform	U	0.27	5.0	ug/l		8260B	08/15/10	1
Chloromethane	U	0.76	2.5	ug/l		8260B	08/15/10	1
2-Chlorotoluene	U	0.28	1.0	ug/l		8260B	08/15/10	1
4-Chlorotoluene	U	0.20	1.0	ug/l		8260B	08/15/10	1
1,2-Dibromo-3-Chloropropane	U	1.3	5.0	ug/l		8260B	08/15/10	1
1,2-Dibromoethane	U	0.27	1.0	ug/l		8260B	08/15/10	1
Dibromomethane	U	0.35	1.0	ug/l		8260B	08/15/10	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l		8260B	08/15/10	1
1,3-Dichlorobenzene	U	0.29	1.0	ug/l		8260B	08/15/10	1
1,4-Dichlorobenzene	U	0.31	1.0	ug/l		8260B	08/15/10	1
Dichlorodifluoromethane	U	1.6	5.0	ug/l		8260B	08/15/10	1
1,1-Dichloroethane	U	0.32	1.0	ug/l		8260B	08/15/10	1
1,2-Dichloroethane	U	0.25	1.0	ug/l		8260B	08/15/10	1
1,1-Dichloroethene	U	0.41	1.0	ug/l		8260B	08/15/10	1
cis-1,2-Dichloroethene	U	0.34	1.0	ug/l		8260B	08/15/10	1
trans-1,2-Dichloroethene	U	0.26	1.0	ug/l		8260B	08/15/10	1
1,2-Dichloropropane	U	0.39	1.0	ug/l		8260B	08/15/10	1
1,1-Dichloropropene	U	0.26	1.0	ug/l		8260B	08/15/10	1
1,3-Dichloropropene	U	0.28	1.0	ug/l		8260B	08/15/10	1
cis-1,3-Dichloropropene	U	0.25	1.0	ug/l		8260B	08/15/10	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l		8260B	08/15/10	1
2,2-Dichloropropane	U	0.36	1.0	ug/l		8260B	08/15/10	1
Di-isopropyl ether	U	0.26	1.0	ug/l		8260B	08/15/10	1
Ethylbenzene	U	0.22	1.0	ug/l		8260B	08/15/10	1
Hexachloro-1,3-butadiene	U	0.38	1.0	ug/l		8260B	08/15/10	1
Isopropylbenzene	U	0.20	1.0	ug/l		8260B	08/15/10	1

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REPORT OF ANALYSIS

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

August 19, 2010

Date Received : August 14, 2010
Description : Marketplace Retail Center

Sample ID : TRIPBLANK

Collected By : CDF
Collection Date : 08/10/10 00:00

ESC Sample # : L473979-08

Site ID :

Project # : 81097016A

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
p-Isopropyltoluene	U	0.31	1.0	ug/l		8260B	08/15/10	1
2-Butanone (MEK)	U	3.4	10.	ug/l		8260B	08/15/10	1
Methylene Chloride	U	0.91	5.0	ug/l		8260B	08/15/10	1
4-Methyl-2-pentanone (MIBK)	U	1.7	10.	ug/l		8260B	08/15/10	1
Methyl tert-butyl ether	U	0.63	1.0	ug/l		8260B	08/15/10	1
Naphthalene	U	0.98	5.0	ug/l		8260B	08/15/10	1
n-Propylbenzene	U	0.31	1.0	ug/l		8260B	08/15/10	1
Styrene	U	0.24	1.0	ug/l		8260B	08/15/10	1
1,1,1,2-Tetrachloroethane	U	0.32	1.0	ug/l		8260B	08/15/10	1
1,1,2,2-Tetrachloroethane	U	0.25	1.0	ug/l		8260B	08/15/10	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.39	1.0	ug/l		8260B	08/15/10	1
Tetrachloroethene	U	0.32	1.0	ug/l		8260B	08/15/10	1
Toluene	U	0.32	5.0	ug/l		8260B	08/15/10	1
1,2,3-Trichlorobenzene	U	0.32	1.0	ug/l		8260B	08/15/10	1
1,2,4-Trichlorobenzene	U	0.35	1.0	ug/l		8260B	08/15/10	1
1,1,1-Trichloroethane	U	0.31	1.0	ug/l		8260B	08/15/10	1
1,1,2-Trichloroethane	U	0.29	1.0	ug/l		8260B	08/15/10	1
Trichloroethene	U	0.31	1.0	ug/l		8260B	08/15/10	1
Trichlorofluoromethane	U	1.1	5.0	ug/l		8260B	08/15/10	1
1,2,3-Trichloropropane	U	0.74	1.0	ug/l		8260B	08/15/10	1
1,2,4-Trimethylbenzene	U	0.18	1.0	ug/l		8260B	08/15/10	1
1,2,3-Trimethylbenzene	U	0.30	1.0	ug/l		8260B	08/15/10	1
1,3,5-Trimethylbenzene	U	0.33	1.0	ug/l		8260B	08/15/10	1
Vinyl chloride	U	0.34	1.0	ug/l		8260B	08/15/10	1
Xylenes, Total	U	0.86	3.0	ug/l		8260B	08/15/10	1
Surrogate Recovery								
Toluene-d8	105.			% Rec.		8260B	08/15/10	1
Dibromofluoromethane	102.			% Rec.		8260B	08/15/10	1
4-Bromofluorobenzene	93.9			% Rec.		8260B	08/15/10	1

U = ND (Not Detected)

RDL = Reported Detection Limit = LOQ = PQL = EQL

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Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

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

August 19, 2010

Date Received : August 14, 2010
Description : Marketplace Retail Center

Sample ID : EQUIPBLANK

Collected By : CDF
Collection Date : 08/12/10 16:51

ESC Sample # : L473979-09

Site ID :

Project # : 81097016A

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Volatile Organics								
Acetone	U	16.	50.	ug/l		8260B	08/15/10	1
Acrolein	U	7.6	50.	ug/l		8260B	08/15/10	1
Acrylonitrile	U	1.9	10.	ug/l		8260B	08/15/10	1
Benzene	U	0.23	1.0	ug/l		8260B	08/15/10	1
Bromobenzene	U	0.23	1.0	ug/l		8260B	08/15/10	1
Bromodichloromethane	U	0.23	1.0	ug/l		8260B	08/15/10	1
Bromoform	U	0.37	1.0	ug/l		8260B	08/15/10	1
Bromomethane	U	1.6	5.0	ug/l		8260B	08/15/10	1
n-Butylbenzene	U	0.31	1.0	ug/l		8260B	08/15/10	1
sec-Butylbenzene	U	0.22	1.0	ug/l		8260B	08/15/10	1
tert-Butylbenzene	U	0.20	1.0	ug/l		8260B	08/15/10	1
Carbon tetrachloride	U	0.20	1.0	ug/l		8260B	08/15/10	1
Chlorobenzene	U	0.30	1.0	ug/l		8260B	08/15/10	1
Chlorodibromomethane	U	0.24	1.0	ug/l		8260B	08/15/10	1
Chloroethane	U	0.87	5.0	ug/l	J4	8260B	08/15/10	1
2-Chloroethyl vinyl ether	U	5.7	50.	ug/l	J4	8260B	08/15/10	1
Chloroform	U	0.27	5.0	ug/l		8260B	08/15/10	1
Chloromethane	U	0.76	2.5	ug/l		8260B	08/15/10	1
2-Chlorotoluene	U	0.28	1.0	ug/l		8260B	08/15/10	1
4-Chlorotoluene	U	0.20	1.0	ug/l		8260B	08/15/10	1
1,2-Dibromo-3-Chloropropane	U	1.3	5.0	ug/l		8260B	08/15/10	1
1,2-Dibromoethane	U	0.27	1.0	ug/l		8260B	08/15/10	1
Dibromomethane	U	0.35	1.0	ug/l		8260B	08/15/10	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l		8260B	08/15/10	1
1,3-Dichlorobenzene	U	0.29	1.0	ug/l		8260B	08/15/10	1
1,4-Dichlorobenzene	U	0.31	1.0	ug/l		8260B	08/15/10	1
Dichlorodifluoromethane	U	1.6	5.0	ug/l		8260B	08/15/10	1
1,1-Dichloroethane	U	0.32	1.0	ug/l		8260B	08/15/10	1
1,2-Dichloroethane	U	0.25	1.0	ug/l		8260B	08/15/10	1
1,1-Dichloroethene	U	0.41	1.0	ug/l		8260B	08/15/10	1
cis-1,2-Dichloroethene	U	0.34	1.0	ug/l		8260B	08/15/10	1
trans-1,2-Dichloroethene	U	0.26	1.0	ug/l		8260B	08/15/10	1
1,2-Dichloropropane	U	0.39	1.0	ug/l		8260B	08/15/10	1
1,1-Dichloropropene	U	0.26	1.0	ug/l		8260B	08/15/10	1
1,3-Dichloropropene	U	0.28	1.0	ug/l		8260B	08/15/10	1
cis-1,3-Dichloropropene	U	0.25	1.0	ug/l		8260B	08/15/10	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l		8260B	08/15/10	1
2,2-Dichloropropane	U	0.36	1.0	ug/l		8260B	08/15/10	1
Di-isopropyl ether	U	0.26	1.0	ug/l		8260B	08/15/10	1
Ethylbenzene	U	0.22	1.0	ug/l		8260B	08/15/10	1
Hexachloro-1,3-butadiene	U	0.38	1.0	ug/l		8260B	08/15/10	1
Isopropylbenzene	U	0.20	1.0	ug/l		8260B	08/15/10	1

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REPORT OF ANALYSIS

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

August 19, 2010

Date Received : August 14, 2010
Description : Marketplace Retail Center

Sample ID : EQUIPBLANK

Collected By : CDF
Collection Date : 08/12/10 16:51

ESC Sample # : L473979-09

Site ID :

Project # : 81097016A

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
p-Isopropyltoluene	U	0.31	1.0	ug/l		8260B	08/15/10	1
2-Butanone (MEK)	U	3.4	10.	ug/l		8260B	08/15/10	1
Methylene Chloride	U	0.91	5.0	ug/l		8260B	08/15/10	1
4-Methyl-2-pentanone (MIBK)	U	1.7	10.	ug/l		8260B	08/15/10	1
Methyl tert-butyl ether	U	0.63	1.0	ug/l		8260B	08/15/10	1
Naphthalene	U	0.98	5.0	ug/l		8260B	08/15/10	1
n-Propylbenzene	U	0.31	1.0	ug/l		8260B	08/15/10	1
Styrene	U	0.24	1.0	ug/l		8260B	08/15/10	1
1,1,1,2-Tetrachloroethane	U	0.32	1.0	ug/l		8260B	08/15/10	1
1,1,2,2-Tetrachloroethane	U	0.25	1.0	ug/l		8260B	08/15/10	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.39	1.0	ug/l		8260B	08/15/10	1
Tetrachloroethene	U	0.32	1.0	ug/l		8260B	08/15/10	1
Toluene	U	0.32	5.0	ug/l		8260B	08/15/10	1
1,2,3-Trichlorobenzene	U	0.32	1.0	ug/l		8260B	08/15/10	1
1,2,4-Trichlorobenzene	U	0.35	1.0	ug/l		8260B	08/15/10	1
1,1,1-Trichloroethane	U	0.31	1.0	ug/l		8260B	08/15/10	1
1,1,2-Trichloroethane	U	0.29	1.0	ug/l		8260B	08/15/10	1
Trichloroethene	U	0.31	1.0	ug/l		8260B	08/15/10	1
Trichlorofluoromethane	U	1.1	5.0	ug/l		8260B	08/15/10	1
1,2,3-Trichloropropane	U	0.74	1.0	ug/l		8260B	08/15/10	1
1,2,4-Trimethylbenzene	U	0.18	1.0	ug/l		8260B	08/15/10	1
1,2,3-Trimethylbenzene	U	0.30	1.0	ug/l		8260B	08/15/10	1
1,3,5-Trimethylbenzene	U	0.33	1.0	ug/l		8260B	08/15/10	1
Vinyl chloride	U	0.34	1.0	ug/l		8260B	08/15/10	1
Xylenes, Total	U	0.86	3.0	ug/l		8260B	08/15/10	1
Surrogate Recovery								
Toluene-d8	103.			% Rec.		8260B	08/15/10	1
Dibromofluoromethane	101.			% Rec.		8260B	08/15/10	1
4-Bromofluorobenzene	87.1			% Rec.		8260B	08/15/10	1

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Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
L473979-01	WG493616	SAMP	Chloroform	R1332089	J
L473979-02	WG493619	SAMP	Chloroethane	R1332748	J4
	WG493619	SAMP	2-Chloroethyl vinyl ether	R1332748	J4
L473979-03	WG493619	SAMP	Chloroethane	R1332748	J4
	WG493619	SAMP	2-Chloroethyl vinyl ether	R1332748	J4
L473979-04	WG493619	SAMP	Chloroethane	R1332748	J4
	WG493619	SAMP	2-Chloroethyl vinyl ether	R1332748	J4
L473979-05	WG493619	SAMP	Chloroethane	R1332748	J4
	WG493619	SAMP	2-Chloroethyl vinyl ether	R1332748	J4
	WG493619	SAMP	Tetrachloroethene	R1332748	J
L473979-06	WG493619	SAMP	Chloroethane	R1332748	J4
	WG493619	SAMP	2-Chloroethyl vinyl ether	R1332748	J4
L473979-07	WG493619	SAMP	Chloroethane	R1332748	J4
	WG493619	SAMP	2-Chloroethyl vinyl ether	R1332748	J4
	WG493619	SAMP	Chloroform	R1332748	J
	WG493619	SAMP	Tetrachloroethene	R1332748	J
L473979-08	WG493619	SAMP	Chloroethane	R1332748	J4
	WG493619	SAMP	2-Chloroethyl vinyl ether	R1332748	J4
L473979-09	WG493619	SAMP	Chloroethane	R1332748	J4
	WG493619	SAMP	2-Chloroethyl vinyl ether	R1332748	J4

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
J	(EPA) - Estimated value below the lowest calibration point. Confidence correlates with concentration.
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
08/19/10 at 13:24:56

TSR Signing Reports: 358
R5 - Desired TAT

Sample: L473979-01 Account: TERRLWA Received: 08/14/10 09:00 Due Date: 08/20/10 00:00 RPT Date: 08/19/10 13:24
Sample: L473979-02 Account: TERRLWA Received: 08/14/10 09:00 Due Date: 08/20/10 00:00 RPT Date: 08/19/10 13:24
Sample: L473979-03 Account: TERRLWA Received: 08/14/10 09:00 Due Date: 08/20/10 00:00 RPT Date: 08/19/10 13:24
Sample: L473979-04 Account: TERRLWA Received: 08/14/10 09:00 Due Date: 08/20/10 00:00 RPT Date: 08/19/10 13:24
Sample: L473979-05 Account: TERRLWA Received: 08/14/10 09:00 Due Date: 08/20/10 00:00 RPT Date: 08/19/10 13:24
Sample: L473979-06 Account: TERRLWA Received: 08/14/10 09:00 Due Date: 08/20/10 00:00 RPT Date: 08/19/10 13:24
Sample: L473979-07 Account: TERRLWA Received: 08/14/10 09:00 Due Date: 08/20/10 00:00 RPT Date: 08/19/10 13:24
Sample: L473979-08 Account: TERRLWA Received: 08/14/10 09:00 Due Date: 08/20/10 00:00 RPT Date: 08/19/10 13:24
Sample: L473979-09 Account: TERRLWA Received: 08/14/10 09:00 Due Date: 08/20/10 00:00 RPT Date: 08/19/10 13:24



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Jon Einarsen
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Quality Assurance Report
Level II

L473979

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Tax I.D. 62-0814289

Est. 1970

August 19, 2010

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
1,1,1,2-Tetrachloroethane	< .001	mg/l			WG493616	08/15/10 10:22
1,1,1-Trichloroethane	< .001	mg/l			WG493616	08/15/10 10:22
1,1,2,2-Tetrachloroethane	< .001	mg/l			WG493616	08/15/10 10:22
1,1,2-Trichloroethane	< .001	mg/l			WG493616	08/15/10 10:22
1,1,2-Trichloro-1,2,2-trifluoroethane	< .001	mg/l			WG493616	08/15/10 10:22
1,1-Dichloroethane	< .001	mg/l			WG493616	08/15/10 10:22
1,1-Dichloroethene	< .001	mg/l			WG493616	08/15/10 10:22
1,1-Dichloropropene	< .001	mg/l			WG493616	08/15/10 10:22
1,2,3-Trichlorobenzene	< .001	mg/l			WG493616	08/15/10 10:22
1,2,3-Trichloropropane	< .001	mg/l			WG493616	08/15/10 10:22
1,2,3-Trimethylbenzene	< .001	mg/l			WG493616	08/15/10 10:22
1,2,4-Trichlorobenzene	< .001	mg/l			WG493616	08/15/10 10:22
1,2,4-Trimethylbenzene	< .001	mg/l			WG493616	08/15/10 10:22
1,2-Dibromo-3-Chloropropane	< .005	mg/l			WG493616	08/15/10 10:22
1,2-Dibromoethane	< .001	mg/l			WG493616	08/15/10 10:22
1,2-Dichlorobenzene	< .001	mg/l			WG493616	08/15/10 10:22
1,2-Dichloroethane	< .001	mg/l			WG493616	08/15/10 10:22
1,2-Dichloropropane	< .001	mg/l			WG493616	08/15/10 10:22
1,3,5-Trimethylbenzene	< .001	mg/l			WG493616	08/15/10 10:22
1,3-Dichlorobenzene	< .001	mg/l			WG493616	08/15/10 10:22
1,3-Dichloropropane	< .001	mg/l			WG493616	08/15/10 10:22
1,4-Dichlorobenzene	< .001	mg/l			WG493616	08/15/10 10:22
2,2-Dichloropropane	< .001	mg/l			WG493616	08/15/10 10:22
2-Butanone (MEK)	< .01	mg/l			WG493616	08/15/10 10:22
2-Chloroethyl vinyl ether	< .05	mg/l			WG493616	08/15/10 10:22
2-Chlorotoluene	< .001	mg/l			WG493616	08/15/10 10:22
4-Chlorotoluene	< .001	mg/l			WG493616	08/15/10 10:22
4-Methyl-2-pentanone (MIBK)	< .01	mg/l			WG493616	08/15/10 10:22
Acetone	< .05	mg/l			WG493616	08/15/10 10:22
Acrolein	< .05	mg/l			WG493616	08/15/10 10:22
Acrylonitrile	< .01	mg/l			WG493616	08/15/10 10:22
Benzene	< .001	mg/l			WG493616	08/15/10 10:22
Bromobenzene	< .001	mg/l			WG493616	08/15/10 10:22
Bromodichloromethane	< .001	mg/l			WG493616	08/15/10 10:22
Bromoform	< .001	mg/l			WG493616	08/15/10 10:22
Bromomethane	< .005	mg/l			WG493616	08/15/10 10:22
Carbon tetrachloride	< .001	mg/l			WG493616	08/15/10 10:22
Chlorobenzene	< .001	mg/l			WG493616	08/15/10 10:22
Chlorodibromomethane	< .001	mg/l			WG493616	08/15/10 10:22
Chloroethane	< .001	mg/l			WG493616	08/15/10 10:22
Chloroform	< .005	mg/l			WG493616	08/15/10 10:22
Chloromethane	< .001	mg/l			WG493616	08/15/10 10:22
cis-1,2-Dichloroethene	< .001	mg/l			WG493616	08/15/10 10:22
cis-1,3-Dichloropropene	< .001	mg/l			WG493616	08/15/10 10:22
Di-isopropyl ether	< .001	mg/l			WG493616	08/15/10 10:22
Dibromomethane	< .001	mg/l			WG493616	08/15/10 10:22
Dichlorodifluoromethane	< .005	mg/l			WG493616	08/15/10 10:22
Ethylbenzene	< .001	mg/l			WG493616	08/15/10 10:22
Hexachloro-1,3-butadiene	< .001	mg/l			WG493616	08/15/10 10:22
Isopropylbenzene	< .001	mg/l			WG493616	08/15/10 10:22
Methyl tert-butyl ether	< .001	mg/l			WG493616	08/15/10 10:22
Methylene Chloride	< .005	mg/l			WG493616	08/15/10 10:22
n-Butylbenzene	< .001	mg/l			WG493616	08/15/10 10:22
n-Propylbenzene	< .001	mg/l			WG493616	08/15/10 10:22
p-Isopropyltoluene	< .001	mg/l			WG493616	08/15/10 10:22
sec-Butylbenzene	< .001	mg/l			WG493616	08/15/10 10:22
Styrene	< .001	mg/l			WG493616	08/15/10 10:22
tert-Butylbenzene	< .001	mg/l			WG493616	08/15/10 10:22
Tetrachloroethene	< .001	mg/l			WG493616	08/15/10 10:22

* 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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Tax I.D. 62-0814289

Est. 1970

August 19, 2010

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
Toluene	< .005	mg/l			WG493616	08/15/10 10:22
trans-1,2-Dichloroethene	< .001	mg/l			WG493616	08/15/10 10:22
trans-1,3-Dichloropropene	< .001	mg/l			WG493616	08/15/10 10:22
Trichloroethene	< .001	mg/l			WG493616	08/15/10 10:22
Trichlorofluoromethane	< .005	mg/l			WG493616	08/15/10 10:22
Vinyl chloride	< .001	mg/l			WG493616	08/15/10 10:22
Xylenes, Total	< .003	mg/l			WG493616	08/15/10 10:22
4-Bromofluorobenzene		% Rec.	104.3	75-128	WG493616	08/15/10 10:22
Dibromofluoromethane		% Rec.	98.12	79-125	WG493616	08/15/10 10:22
Toluene-d8		% Rec.	106.3	87-114	WG493616	08/15/10 10:22
1,1,1,2-Tetrachloroethane	< .001	mg/l			WG493619	08/15/10 10:56
1,1,1-Trichloroethane	< .001	mg/l			WG493619	08/15/10 10:56
1,1,2,2-Tetrachloroethane	< .001	mg/l			WG493619	08/15/10 10:56
1,1,2-Trichloroethane	< .001	mg/l			WG493619	08/15/10 10:56
1,1,2-Trichloro-1,2,2-trifluoroethane	< .001	mg/l			WG493619	08/15/10 10:56
1,1-Dichloroethane	< .001	mg/l			WG493619	08/15/10 10:56
1,1-Dichloroethene	< .001	mg/l			WG493619	08/15/10 10:56
1,1-Dichloropropene	< .001	mg/l			WG493619	08/15/10 10:56
1,2,3-Trichlorobenzene	< .001	mg/l			WG493619	08/15/10 10:56
1,2,3-Trichloropropane	< .001	mg/l			WG493619	08/15/10 10:56
1,2,3-Trimethylbenzene	< .001	mg/l			WG493619	08/15/10 10:56
1,2,4-Trichlorobenzene	< .001	mg/l			WG493619	08/15/10 10:56
1,2,4-Trimethylbenzene	< .001	mg/l			WG493619	08/15/10 10:56
1,2-Dibromo-3-Chloropropane	< .005	mg/l			WG493619	08/15/10 10:56
1,2-Dibromoethane	< .001	mg/l			WG493619	08/15/10 10:56
1,2-Dichlorobenzene	< .001	mg/l			WG493619	08/15/10 10:56
1,2-Dichloroethane	< .001	mg/l			WG493619	08/15/10 10:56
1,2-Dichloropropane	< .001	mg/l			WG493619	08/15/10 10:56
1,3,5-Trimethylbenzene	< .001	mg/l			WG493619	08/15/10 10:56
1,3-Dichlorobenzene	< .001	mg/l			WG493619	08/15/10 10:56
1,3-Dichloropropane	< .001	mg/l			WG493619	08/15/10 10:56
1,4-Dichlorobenzene	< .001	mg/l			WG493619	08/15/10 10:56
2,2-Dichloropropane	< .001	mg/l			WG493619	08/15/10 10:56
2-Butanone (MEK)	< .01	mg/l			WG493619	08/15/10 10:56
2-Chloroethyl vinyl ether	< .05	mg/l			WG493619	08/15/10 10:56
2-Chlorotoluene	< .001	mg/l			WG493619	08/15/10 10:56
4-Chlorotoluene	< .001	mg/l			WG493619	08/15/10 10:56
4-Methyl-2-pentanone (MIBK)	< .01	mg/l			WG493619	08/15/10 10:56
Acetone	< .05	mg/l			WG493619	08/15/10 10:56
Acrolein	< .05	mg/l			WG493619	08/15/10 10:56
Acrylonitrile	< .01	mg/l			WG493619	08/15/10 10:56
Benzene	< .001	mg/l			WG493619	08/15/10 10:56
Bromobenzene	< .001	mg/l			WG493619	08/15/10 10:56
Bromodichloromethane	< .001	mg/l			WG493619	08/15/10 10:56
Bromoform	< .001	mg/l			WG493619	08/15/10 10:56
Bromomethane	< .005	mg/l			WG493619	08/15/10 10:56
Carbon tetrachloride	< .001	mg/l			WG493619	08/15/10 10:56
Chlorobenzene	< .001	mg/l			WG493619	08/15/10 10:56
Chlorodibromomethane	< .001	mg/l			WG493619	08/15/10 10:56
Chloroethane	< .001	mg/l			WG493619	08/15/10 10:56
Chloroform	< .005	mg/l			WG493619	08/15/10 10:56
Chloromethane	< .001	mg/l			WG493619	08/15/10 10:56
cis-1,2-Dichloroethene	< .001	mg/l			WG493619	08/15/10 10:56
cis-1,3-Dichloropropene	< .001	mg/l			WG493619	08/15/10 10:56
Di-isopropyl ether	< .001	mg/l			WG493619	08/15/10 10:56
Dibromomethane	< .001	mg/l			WG493619	08/15/10 10:56
Dichlorodifluoromethane	< .005	mg/l			WG493619	08/15/10 10:56

* Performance of this Analyte is outside of established criteria.

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YOUR LAB OF CHOICE

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

Quality Assurance Report
Level II

L473979

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

August 19, 2010

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
Ethylbenzene	< .001	mg/l			WG493619	08/15/10 10:56
Hexachloro-1,3-butadiene	< .001	mg/l			WG493619	08/15/10 10:56
Isopropylbenzene	< .001	mg/l			WG493619	08/15/10 10:56
Methyl tert-butyl ether	< .001	mg/l			WG493619	08/15/10 10:56
Methylene Chloride	< .005	mg/l			WG493619	08/15/10 10:56
n-Butylbenzene	< .001	mg/l			WG493619	08/15/10 10:56
n-Propylbenzene	< .001	mg/l			WG493619	08/15/10 10:56
Naphthalene	< .005	mg/l			WG493619	08/15/10 10:56
p-Isopropyltoluene	< .001	mg/l			WG493619	08/15/10 10:56
sec-Butylbenzene	< .001	mg/l			WG493619	08/15/10 10:56
Styrene	< .001	mg/l			WG493619	08/15/10 10:56
tert-Butylbenzene	< .001	mg/l			WG493619	08/15/10 10:56
Tetrachloroethene	< .001	mg/l			WG493619	08/15/10 10:56
Toluene	< .005	mg/l			WG493619	08/15/10 10:56
trans-1,2-Dichloroethene	< .001	mg/l			WG493619	08/15/10 10:56
trans-1,3-Dichloropropene	< .001	mg/l			WG493619	08/15/10 10:56
Trichloroethene	< .001	mg/l			WG493619	08/15/10 10:56
Trichlorofluoromethane	< .005	mg/l			WG493619	08/15/10 10:56
Vinyl chloride	< .001	mg/l			WG493619	08/15/10 10:56
Xylenes, Total	< .003	mg/l			WG493619	08/15/10 10:56
4-Bromofluorobenzene		% Rec.	96.47	75-128	WG493619	08/15/10 10:56
Dibromofluoromethane		% Rec.	99.80	79-125	WG493619	08/15/10 10:56
Toluene-d8		% Rec.	102.5	87-114	WG493619	08/15/10 10:56
Naphthalene	< .005	mg/l			WG494076	08/18/10 12:27
4-Bromofluorobenzene		% Rec.	93.09	75-128	WG494076	08/18/10 12:27
Dibromofluoromethane		% Rec.	108.3	79-125	WG494076	08/18/10 12:27
Toluene-d8		% Rec.	101.0	87-114	WG494076	08/18/10 12:27

Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
1,1,1,2-Tetrachloroethane	mg/l	.025	0.0243	97.0	75-134	WG493616
1,1,1-Trichloroethane	mg/l	.025	0.0218	87.3	67-137	WG493616
1,1,2,2-Tetrachloroethane	mg/l	.025	0.0268	107.	72-128	WG493616
1,1,2-Trichloroethane	mg/l	.025	0.0256	103.	79-123	WG493616
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/l	.025	0.0209	83.6	51-149	WG493616
1,1-Dichloroethane	mg/l	.025	0.0232	92.8	67-133	WG493616
1,1-Dichloroethene	mg/l	.025	0.0209	83.6	60-130	WG493616
1,1-Dichloropropene	mg/l	.025	0.0229	91.4	68-132	WG493616
1,2,3-Trichlorobenzene	mg/l	.025	0.0236	94.6	63-138	WG493616
1,2,3-Trichloropropane	mg/l	.025	0.0254	102.	68-130	WG493616
1,2,3-Trimethylbenzene	mg/l	.025	0.0250	99.9	70-127	WG493616
1,2,4-Trichlorobenzene	mg/l	.025	0.0242	96.6	65-137	WG493616
1,2,4-Trimethylbenzene	mg/l	.025	0.0262	105.	72-135	WG493616
1,2-Dibromo-3-Chloropropane	mg/l	.025	0.0275	110.	55-134	WG493616
1,2-Dibromoethane	mg/l	.025	0.0256	102.	75-126	WG493616
1,2-Dichlorobenzene	mg/l	.025	0.0252	101.	75-122	WG493616
1,2-Dichloroethane	mg/l	.025	0.0236	94.3	63-137	WG493616
1,2-Dichloropropane	mg/l	.025	0.0251	100.	74-122	WG493616
1,3,5-Trimethylbenzene	mg/l	.025	0.0249	99.5	73-134	WG493616
1,3-Dichlorobenzene	mg/l	.025	0.0254	102.	73-131	WG493616
1,3-Dichloropropane	mg/l	.025	0.0244	97.7	77-119	WG493616
1,4-Dichlorobenzene	mg/l	.025	0.0224	89.7	70-121	WG493616
2,2-Dichloropropane	mg/l	.025	0.0218	87.2	46-151	WG493616
2-Butanone (MEK)	mg/l	.125	0.133	106.	53-132	WG493616
2-Chloroethyl vinyl ether	mg/l	.125	0.130	104.	0-171	WG493616
2-Chlorotoluene	mg/l	.025	0.0246	98.3	74-128	WG493616

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Analyte	Units	Laboratory Control	Sample	% Rec	Limit	Batch
		Known Val	Result			
4-Chlorotoluene	mg/l	.025	0.0249	99.5	74-130	WG493616
4-Methyl-2-pentanone (MIBK)	mg/l	.125	0.156	125.	60-142	WG493616
Acetone	mg/l	.125	0.141	113.	48-134	WG493616
Acrolein	mg/l	.125	0.0763	61.1	6-182	WG493616
Acrylonitrile	mg/l	.125	0.133	107.	60-140	WG493616
Benzene	mg/l	.025	0.0222	89.0	67-126	WG493616
Bromobenzene	mg/l	.025	0.0243	97.3	76-123	WG493616
Bromodichloromethane	mg/l	.025	0.0257	103.	68-133	WG493616
Bromoform	mg/l	.025	0.0261	104.	60-139	WG493616
Bromomethane	mg/l	.025	0.0206	82.3	45-175	WG493616
Carbon tetrachloride	mg/l	.025	0.0219	87.4	64-141	WG493616
Chlorobenzene	mg/l	.025	0.0248	99.4	77-125	WG493616
Chlorodibromomethane	mg/l	.025	0.0246	98.5	73-138	WG493616
Chloroethane	mg/l	.025	0.0220	88.1	49-155	WG493616
Chloroform	mg/l	.025	0.0224	89.6	66-126	WG493616
Chloromethane	mg/l	.025	0.0206	82.5	45-152	WG493616
cis-1,2-Dichloroethene	mg/l	.025	0.0240	95.8	72-128	WG493616
cis-1,3-Dichloropropene	mg/l	.025	0.0263	105.	73-131	WG493616
Di-isopropyl ether	mg/l	.025	0.0221	88.5	63-139	WG493616
Dibromomethane	mg/l	.025	0.0254	102.	73-125	WG493616
Dichlorodifluoromethane	mg/l	.025	0.0215	85.8	39-189	WG493616
Ethylbenzene	mg/l	.025	0.0250	100.	76-129	WG493616
Hexachloro-1,3-butadiene	mg/l	.025	0.0255	102.	67-135	WG493616
Isopropylbenzene	mg/l	.025	0.0237	94.7	73-132	WG493616
Methyl tert-butyl ether	mg/l	.025	0.0249	99.5	51-142	WG493616
Methylene Chloride	mg/l	.025	0.0213	85.1	64-125	WG493616
n-Butylbenzene	mg/l	.025	0.0249	99.5	63-142	WG493616
n-Propylbenzene	mg/l	.025	0.0249	99.5	71-132	WG493616
p-Isopropyltoluene	mg/l	.025	0.0232	92.7	68-138	WG493616
sec-Butylbenzene	mg/l	.025	0.0256	103.	70-135	WG493616
Styrene	mg/l	.025	0.0266	107.	78-130	WG493616
tert-Butylbenzene	mg/l	.025	0.0255	102.	72-134	WG493616
Tetrachloroethene	mg/l	.025	0.0238	95.3	67-135	WG493616
Toluene	mg/l	.025	0.0228	91.1	72-122	WG493616
trans-1,2-Dichloroethene	mg/l	.025	0.0225	90.1	67-129	WG493616
trans-1,3-Dichloropropene	mg/l	.025	0.0237	94.7	66-137	WG493616
Trichloroethene	mg/l	.025	0.0241	96.4	74-126	WG493616
Trichlorofluoromethane	mg/l	.025	0.0195	77.8	54-156	WG493616
Vinyl chloride	mg/l	.025	0.0223	89.1	55-153	WG493616
Xylenes, Total	mg/l	.075	0.0758	101.	75-128	WG493616
4-Bromofluorobenzene				105.7	75-128	WG493616
Dibromofluoromethane				100.6	79-125	WG493616
Toluene-d8				105.5	87-114	WG493616
1,1,1,2-Tetrachloroethane	mg/l	.025	0.0236	94.5	75-134	WG493619
1,1,1-Trichloroethane	mg/l	.025	0.0257	103.	67-137	WG493619
1,1,2,2-Tetrachloroethane	mg/l	.025	0.0242	96.9	72-128	WG493619
1,1,2-Trichloroethane	mg/l	.025	0.0263	105.	79-123	WG493619
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/l	.025	0.0274	110.	51-149	WG493619
1,1-Dichloroethane	mg/l	.025	0.0264	106.	67-133	WG493619
1,1-Dichloroethene	mg/l	.025	0.0277	111.	60-130	WG493619
1,1-Dichloropropene	mg/l	.025	0.0263	105.	68-132	WG493619
1,2,3-Trichlorobenzene	mg/l	.025	0.0225	90.0	63-138	WG493619
1,2,3-Trichloropropane	mg/l	.025	0.0230	92.1	68-130	WG493619
1,2,3-Trimethylbenzene	mg/l	.025	0.0265	106.	70-127	WG493619
1,2,4-Trichlorobenzene	mg/l	.025	0.0235	94.0	65-137	WG493619
1,2,4-Trimethylbenzene	mg/l	.025	0.0260	104.	72-135	WG493619
1,2-Dibromo-3-Chloropropane	mg/l	.025	0.0200	80.1	55-134	WG493619

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August 19, 2010

Analyte	Units	Laboratory Control	Sample	% Rec	Limit	Batch
		Known Val	Result			
1,2-Dibromoethane	mg/l	.025	0.0241	96.4	75-126	WG493619
1,2-Dichlorobenzene	mg/l	.025	0.0251	101.	75-122	WG493619
1,2-Dichloroethane	mg/l	.025	0.0264	106.	63-137	WG493619
1,2-Dichloropropane	mg/l	.025	0.0269	108.	74-122	WG493619
1,3,5-Trimethylbenzene	mg/l	.025	0.0257	103.	73-134	WG493619
1,3-Dichlorobenzene	mg/l	.025	0.0240	96.1	73-131	WG493619
1,3-Dichloropropane	mg/l	.025	0.0240	96.1	77-119	WG493619
1,4-Dichlorobenzene	mg/l	.025	0.0237	94.9	70-121	WG493619
2,2-Dichloropropane	mg/l	.025	0.0247	98.8	46-151	WG493619
2-Butanone (MEK)	mg/l	.125	0.120	96.2	53-132	WG493619
2-Chloroethyl vinyl ether	mg/l	.125	0.214	171.*	0-171	WG493619
2-Chlorotoluene	mg/l	.025	0.0256	102.	74-128	WG493619
4-Chlorotoluene	mg/l	.025	0.0250	99.9	74-130	WG493619
4-Methyl-2-pentanone (MIBK)	mg/l	.125	0.123	98.6	60-142	WG493619
Acetone	mg/l	.125	0.113	90.4	48-134	WG493619
Acrolein	mg/l	.125	0.0556	44.5	6-182	WG493619
Acrylonitrile	mg/l	.125	0.128	102.	60-140	WG493619
Benzene	mg/l	.025	0.0258	103.	67-126	WG493619
Bromobenzene	mg/l	.025	0.0238	95.1	76-123	WG493619
Bromodichloromethane	mg/l	.025	0.0275	110.	68-133	WG493619
Bromoform	mg/l	.025	0.0198	79.3	60-139	WG493619
Bromomethane	mg/l	.025	0.0419	168.	45-175	WG493619
Carbon tetrachloride	mg/l	.025	0.0240	95.9	64-141	WG493619
Chlorobenzene	mg/l	.025	0.0253	101.	77-125	WG493619
Chlorodibromomethane	mg/l	.025	0.0242	96.8	73-138	WG493619
Chloroethane	mg/l	.025	0.0475	190.*	49-155	WG493619
Chloroform	mg/l	.025	0.0246	98.4	66-126	WG493619
Chloromethane	mg/l	.025	0.0272	109.	45-152	WG493619
cis-1,2-Dichloroethene	mg/l	.025	0.0257	103.	72-128	WG493619
cis-1,3-Dichloropropene	mg/l	.025	0.0280	112.	73-131	WG493619
Di-isopropyl ether	mg/l	.025	0.0278	111.	63-139	WG493619
Dibromomethane	mg/l	.025	0.0239	95.5	73-125	WG493619
Dichlorodifluoromethane	mg/l	.025	0.0267	107.	39-189	WG493619
Ethylbenzene	mg/l	.025	0.0248	99.2	76-129	WG493619
Hexachloro-1,3-butadiene	mg/l	.025	0.0257	103.	67-135	WG493619
Isopropylbenzene	mg/l	.025	0.0226	90.2	73-132	WG493619
Methyl tert-butyl ether	mg/l	.025	0.0241	96.3	51-142	WG493619
Methylene Chloride	mg/l	.025	0.0247	98.9	64-125	WG493619
n-Butylbenzene	mg/l	.025	0.0270	108.	63-142	WG493619
n-Propylbenzene	mg/l	.025	0.0249	99.8	71-132	WG493619
Naphthalene	mg/l	.025	0.0220	88.1	56-145	WG493619
p-Isopropyltoluene	mg/l	.025	0.0251	101.	68-138	WG493619
sec-Butylbenzene	mg/l	.025	0.0255	102.	70-135	WG493619
Styrene	mg/l	.025	0.0299	119.	78-130	WG493619
tert-Butylbenzene	mg/l	.025	0.0249	99.5	72-134	WG493619
Tetrachloroethene	mg/l	.025	0.0231	92.4	67-135	WG493619
Toluene	mg/l	.025	0.0244	97.7	72-122	WG493619
trans-1,2-Dichloroethene	mg/l	.025	0.0260	104.	67-129	WG493619
trans-1,3-Dichloropropene	mg/l	.025	0.0250	100.	66-137	WG493619
Trichloroethene	mg/l	.025	0.0232	92.9	74-126	WG493619
Trichlorofluoromethane	mg/l	.025	0.0366	146.	54-156	WG493619
Vinyl chloride	mg/l	.025	0.0269	107.	55-153	WG493619
Xylenes, Total	mg/l	.075	0.0762	102.	75-128	WG493619
4-Bromofluorobenzene				92.87	75-128	WG493619
Dibromofluoromethane				104.8	79-125	WG493619
Toluene-d8				104.6	87-114	WG493619
Naphthalene	mg/l	.025	0.0226	90.3	56-145	WG494076

* Performance of this Analyte is outside of established criteria.

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YOUR LAB OF CHOICE

Terracon- Lynnwood, WA
Jon Einarsen
21905 64th Ave W Ste 100
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Quality Assurance Report
Level II

L473979

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

August 19, 2010

Analyte	Laboratory Control Sample Duplicate				Limit	RPD	Limit	Batch
	Units	Result	Ref	%Rec				
4-Bromofluorobenzene					99.27		75-128	
Dibromofluoromethane					107.3		79-125	
Toluene-d8					100.8		87-114	

Analyte	Laboratory Control Sample Duplicate				Limit	RPD	Limit	Batch
	Units	Result	Ref	%Rec				
1,1,1,2-Tetrachloroethane	mg/l	0.0260	0.0243	104.	75-134	6.75	20	WG493616
1,1,1-Trichloroethane	mg/l	0.0222	0.0218	89.0	67-137	1.51	20	WG493616
1,1,2,2-Tetrachloroethane	mg/l	0.0259	0.0268	104.	72-128	3.48	20	WG493616
1,1,2-Trichloroethane	mg/l	0.0262	0.0256	105.	79-123	2.15	20	WG493616
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/l	0.0211	0.0209	84.0	51-149	1.07	20	WG493616
1,1-Dichloroethane	mg/l	0.0234	0.0232	94.0	67-133	0.900	20	WG493616
1,1-Dichloroethene	mg/l	0.0207	0.0209	83.0	60-130	1.20	20	WG493616
1,1-Dichloropropene	mg/l	0.0234	0.0229	93.0	68-132	2.24	20	WG493616
1,2,3-Trichlorobenzene	mg/l	0.0240	0.0236	96.0	63-138	1.58	20	WG493616
1,2,3-Trichloropropane	mg/l	0.0251	0.0254	100.	68-130	1.40	20	WG493616
1,2,3-Trimethylbenzene	mg/l	0.0259	0.0250	104.	70-127	3.74	20	WG493616
1,2,4-Trichlorobenzene	mg/l	0.0245	0.0242	98.0	65-137	1.30	20	WG493616
1,2,4-Trimethylbenzene	mg/l	0.0279	0.0262	112.	72-135	6.35	20	WG493616
1,2-Dibromo-3-Chloropropane	mg/l	0.0251	0.0275	100.	55-134	8.97	20	WG493616
1,2-Dibromoethane	mg/l	0.0258	0.0256	103.	75-126	0.660	20	WG493616
1,2-Dichlorobenzene	mg/l	0.0262	0.0252	105.	75-122	3.88	20	WG493616
1,2-Dichloroethane	mg/l	0.0234	0.0236	94.0	63-137	0.840	20	WG493616
1,2-Dichloropropane	mg/l	0.0261	0.0251	104.	74-122	3.82	20	WG493616
1,3,5-Trimethylbenzene	mg/l	0.0267	0.0249	107.	73-134	6.88	20	WG493616
1,3-Dichlorobenzene	mg/l	0.0269	0.0254	108.	73-131	5.69	20	WG493616
1,3-Dichloropropane	mg/l	0.0251	0.0244	100.	77-119	2.85	20	WG493616
1,4-Dichlorobenzene	mg/l	0.0233	0.0224	93.0	70-121	3.87	20	WG493616
2,2-Dichloropropane	mg/l	0.0222	0.0218	89.0	46-151	2.07	20	WG493616
2-Butanone (MEK)	mg/l	0.118	0.133	94.0	53-132	11.8	20	WG493616
2-Chloroethyl vinyl ether	mg/l	0.125	0.130	100.	0-171	3.94	27	WG493616
2-Chlorotoluene	mg/l	0.0264	0.0246	105.	74-128	7.08	20	WG493616
4-Chlorotoluene	mg/l	0.0265	0.0249	106.	74-130	6.30	20	WG493616
4-Methyl-2-pentanone (MIBK)	mg/l	0.139	0.156	111.	60-142	11.2	20	WG493616
Acetone	mg/l	0.122	0.141	97.0	48-134	14.5	20	WG493616
Acrolein	mg/l	0.0636	0.0763	51.0	6-182	18.2	39	WG493616
Acrylonitrile	mg/l	0.115	0.133	92.0	60-140	15.1	20	WG493616
Benzene	mg/l	0.0227	0.0222	91.0	67-126	2.15	20	WG493616
Bromobenzene	mg/l	0.0253	0.0243	101.	76-123	3.98	20	WG493616
Bromodichloromethane	mg/l	0.0267	0.0257	107.	68-133	3.98	20	WG493616
Bromoform	mg/l	0.0260	0.0261	104.	60-139	0.200	20	WG493616
Bromomethane	mg/l	0.0208	0.0206	83.0	45-175	1.32	20	WG493616
Carbon tetrachloride	mg/l	0.0221	0.0219	88.0	64-141	0.970	20	WG493616
Chlorobenzene	mg/l	0.0266	0.0248	106.	77-125	6.74	20	WG493616
Chlorodibromomethane	mg/l	0.0256	0.0246	102.	73-138	3.86	20	WG493616
Chloroethane	mg/l	0.0209	0.0220	84.0	49-155	5.24	20	WG493616
Chloroform	mg/l	0.0231	0.0224	92.0	66-126	3.04	20	WG493616
Chloromethane	mg/l	0.0210	0.0206	84.0	45-152	1.97	20	WG493616
cis-1,2-Dichloroethene	mg/l	0.0249	0.0240	100.	72-128	3.95	20	WG493616
cis-1,3-Dichloropropene	mg/l	0.0271	0.0263	108.	73-131	3.24	20	WG493616
Di-isopropyl ether	mg/l	0.0222	0.0221	89.0	63-139	0.330	20	WG493616
Dibromomethane	mg/l	0.0258	0.0254	103.	73-125	1.30	20	WG493616
Dichlorodifluoromethane	mg/l	0.0219	0.0215	88.0	39-189	2.13	24	WG493616
Ethylbenzene	mg/l	0.0267	0.0250	107.	76-129	6.58	20	WG493616
Hexachloro-1,3-butadiene	mg/l	0.0267	0.0255	107.	67-135	4.71	20	WG493616
Isopropylbenzene	mg/l	0.0250	0.0237	100.	73-132	5.56	20	WG493616
Methyl tert-butyl ether	mg/l	0.0239	0.0249	95.0	51-142	4.17	20	WG493616
Methylene Chloride	mg/l	0.0216	0.0213	86.0	64-125	1.65	20	WG493616

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Analyte	Laboratory Control Sample Duplicate				Limit	RPD	Limit	Batch
	Units	Result	Ref	%Rec				
n-Butylbenzene	mg/l	0.0259	0.0249	104.	63-142	4.05	20	WG493616
n-Propylbenzene	mg/l	0.0265	0.0249	106.	71-132	6.13	20	WG493616
p-Isopropyltoluene	mg/l	0.0247	0.0232	99.0	68-138	6.36	20	WG493616
sec-Butylbenzene	mg/l	0.0273	0.0256	109.	70-135	6.47	20	WG493616
Styrene	mg/l	0.0289	0.0266	116.	78-130	8.17	20	WG493616
tert-Butylbenzene	mg/l	0.0270	0.0255	108.	72-134	5.54	20	WG493616
Tetrachloroethene	mg/l	0.0256	0.0238	102.	67-135	6.96	20	WG493616
Toluene	mg/l	0.0236	0.0228	94.0	72-122	3.54	20	WG493616
trans-1,2-Dichloroethene	mg/l	0.0227	0.0225	91.0	67-129	0.940	20	WG493616
trans-1,3-Dichloropropene	mg/l	0.0246	0.0237	98.0	66-137	3.80	20	WG493616
Trichloroethene	mg/l	0.0251	0.0241	100.	74-126	3.90	20	WG493616
Trichlorofluoromethane	mg/l	0.0198	0.0195	79.0	54-156	1.59	20	WG493616
Vinyl chloride	mg/l	0.0225	0.0223	90.0	55-153	0.750	20	WG493616
Xylenes, Total	mg/l	0.0807	0.0758	108.	75-128	6.23	20	WG493616
4-Bromofluorobenzene				107.6	75-128			WG493616
Dibromofluoromethane				96.96	79-125			WG493616
Toluene-d8				106.0	87-114			WG493616
1,1,1,2-Tetrachloroethane	mg/l	0.0245	0.0236	98.0	75-134	3.74	20	WG493619
1,1,1-Trichloroethane	mg/l	0.0253	0.0257	101.	67-137	1.63	20	WG493619
1,1,2,2-Tetrachloroethane	mg/l	0.0264	0.0242	106.	72-128	8.58	20	WG493619
1,1,2-Trichloroethane	mg/l	0.0257	0.0263	103.	79-123	2.47	20	WG493619
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/l	0.0268	0.0274	107.	51-149	2.26	20	WG493619
1,1-Dichloroethane	mg/l	0.0262	0.0264	105.	67-133	1.00	20	WG493619
1,1-Dichloropropene	mg/l	0.0254	0.0277	102.	60-130	8.49	20	WG493619
1,1-Dichloropropene	mg/l	0.0255	0.0263	102.	68-132	2.95	20	WG493619
1,2,3-Trichlorobenzene	mg/l	0.0230	0.0225	92.0	63-138	2.37	20	WG493619
1,2,3-Trichloropropane	mg/l	0.0257	0.0230	103.	68-130	10.9	20	WG493619
1,2,3-Trimethylbenzene	mg/l	0.0262	0.0265	105.	70-127	1.07	20	WG493619
1,2,4-Trichlorobenzene	mg/l	0.0240	0.0235	96.0	65-137	2.00	20	WG493619
1,2,4-Trimethylbenzene	mg/l	0.0272	0.0260	109.	72-135	4.65	20	WG493619
1,2-Dibromo-3-Chloropropane	mg/l	0.0222	0.0200	89.0	55-134	10.3	20	WG493619
1,2-Dibromoethane	mg/l	0.0243	0.0241	97.0	75-126	0.930	20	WG493619
1,2-Dichlorobenzene	mg/l	0.0256	0.0251	102.	75-122	2.04	20	WG493619
1,2-Dichloroethane	mg/l	0.0262	0.0264	105.	63-137	0.770	20	WG493619
1,2-Dichloropropane	mg/l	0.0255	0.0269	102.	74-122	5.38	20	WG493619
1,3,5-Trimethylbenzene	mg/l	0.0271	0.0257	108.	73-134	5.36	20	WG493619
1,3-Dichlorobenzene	mg/l	0.0253	0.0240	101.	73-131	5.05	20	WG493619
1,3-Dichloropropane	mg/l	0.0244	0.0240	98.0	77-119	1.65	20	WG493619
1,4-Dichlorobenzene	mg/l	0.0234	0.0237	94.0	70-121	1.46	20	WG493619
2,2-Dichloropropane	mg/l	0.0247	0.0247	99.0	46-151	0.140	20	WG493619
2-Butanone (MEK)	mg/l	0.126	0.120	101.	53-132	4.51	20	WG493619
2-Chloroethyl vinyl ether	mg/l	0.215	0.214	172*	0-171	0.310	27	WG493619
2-Chlorotoluene	mg/l	0.0260	0.0256	104.	74-128	1.65	20	WG493619
4-Chlorotoluene	mg/l	0.0261	0.0250	104.	74-130	4.46	20	WG493619
4-Methyl-2-pentanone (MIBK)	mg/l	0.129	0.123	104.	60-142	4.88	20	WG493619
Acetone	mg/l	0.120	0.113	96.0	48-134	5.87	20	WG493619
Acrolein	mg/l	0.0655	0.0556	52.0	6-182	16.4	39	WG493619
Acrylonitrile	mg/l	0.129	0.128	103.	60-140	1.24	20	WG493619
Benzene	mg/l	0.0257	0.0258	103.	67-126	0.410	20	WG493619
Bromobenzene	mg/l	0.0244	0.0238	97.0	76-123	2.39	20	WG493619
Bromodichloromethane	mg/l	0.0265	0.0275	106.	68-133	3.62	20	WG493619
Bromoform	mg/l	0.0206	0.0198	82.0	60-139	3.68	20	WG493619
Bromomethane	mg/l	0.0387	0.0419	155.	45-175	8.15	20	WG493619
Carbon tetrachloride	mg/l	0.0248	0.0240	99.0	64-141	3.29	20	WG493619
Chlorobenzene	mg/l	0.0259	0.0253	104.	77-125	2.46	20	WG493619
Chlorodibromomethane	mg/l	0.0241	0.0242	96.0	73-138	0.290	20	WG493619
Chloroethane	mg/l	0.0445	0.0475	178*	49-155	6.55	20	WG493619

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Analyte	Units	Laboratory Control Sample Duplicate			Limit	RPD	Limit	Batch
		Result	Ref	%Rec				
Chloroform	mg/l	0.0240	0.0246	96.0	66-126	2.62	20	WG493619
Chloromethane	mg/l	0.0256	0.0272	102.	45-152	6.21	20	WG493619
cis-1,2-Dichloroethene	mg/l	0.0259	0.0257	104.	72-128	0.710	20	WG493619
cis-1,3-Dichloropropene	mg/l	0.0271	0.0280	108.	73-131	3.19	20	WG493619
Di-isopropyl ether	mg/l	0.0270	0.0278	108.	63-139	2.94	20	WG493619
Dibromomethane	mg/l	0.0246	0.0239	98.0	73-125	2.81	20	WG493619
Dichlorodifluoromethane	mg/l	0.0258	0.0267	103.	39-189	3.62	24	WG493619
Ethylbenzene	mg/l	0.0257	0.0248	103.	76-129	3.40	20	WG493619
Hexachloro-1,3-butadiene	mg/l	0.0255	0.0257	102.	67-135	0.930	20	WG493619
Isopropylbenzene	mg/l	0.0233	0.0226	93.0	73-132	3.41	20	WG493619
Methyl tert-butyl ether	mg/l	0.0236	0.0241	94.0	51-142	1.99	20	WG493619
Methylene Chloride	mg/l	0.0228	0.0247	91.0	64-125	8.03	20	WG493619
n-Butylbenzene	mg/l	0.0267	0.0270	107.	63-142	1.24	20	WG493619
n-Propylbenzene	mg/l	0.0254	0.0249	102.	71-132	1.96	20	WG493619
Naphthalene	mg/l	0.0228	0.0220	91.0	56-145	3.50	20	WG493619
p-Isopropyltoluene	mg/l	0.0262	0.0251	105.	68-138	4.15	20	WG493619
sec-Butylbenzene	mg/l	0.0265	0.0255	106.	70-135	3.88	20	WG493619
Styrene	mg/l	0.0308	0.0299	123.	78-130	3.13	20	WG493619
tert-Butylbenzene	mg/l	0.0257	0.0249	103.	72-134	3.43	20	WG493619
Tetrachloroethene	mg/l	0.0237	0.0231	95.0	67-135	2.60	20	WG493619
Toluene	mg/l	0.0245	0.0244	98.0	72-122	0.430	20	WG493619
trans-1,2-Dichloroethene	mg/l	0.0251	0.0260	100.	67-129	3.63	20	WG493619
trans-1,3-Dichloropropene	mg/l	0.0255	0.0250	102.	66-137	1.91	20	WG493619
Trichloroethene	mg/l	0.0233	0.0232	93.0	74-126	0.450	20	WG493619
Trichlorofluoromethane	mg/l	0.0349	0.0366	140.	54-156	4.73	20	WG493619
Vinyl chloride	mg/l	0.0257	0.0269	103.	55-153	4.25	20	WG493619
Xylenes, Total	mg/l	0.0770	0.0762	103.	75-128	1.01	20	WG493619
4-Bromofluorobenzene				99.25	75-128			WG493619
Dibromofluoromethane				106.2	79-125			WG493619
Toluene-d8				105.9	87-114			WG493619
Naphthalene	mg/l	0.0268	0.0226	107.	56-145	17.2	20	WG494076
4-Bromofluorobenzene				98.52	75-128			WG494076
Dibromofluoromethane				109.8	79-125			WG494076
Toluene-d8				103.9	87-114			WG494076

Analyte	Units	MS Res	Matrix Spike			Limit	Ref Samp	Batch
			Ref Res	TV	% Rec			
1,1,1,2-Tetrachloroethane	mg/l	0.0226	0	.025	90.3	45-152	L473901-02	WG493616
1,1,1-Trichloroethane	mg/l	0.0201	0	.025	80.4	31-161	L473901-02	WG493616
1,1,2,2-Tetrachloroethane	mg/l	0.0251	0	.025	100.	49-149	L473901-02	WG493616
1,1,2-Trichloroethane	mg/l	0.0239	0	.025	95.8	46-145	L473901-02	WG493616
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/l	0.0194	0	.025	77.4	14-168	L473901-02	WG493616
1,1-Dichloroethane	mg/l	0.0213	0	.025	85.1	30-159	L473901-02	WG493616
1,1-Dichloroethene	mg/l	0.0184	0	.025	73.4	10-162	L473901-02	WG493616
1,1-Dichloropropene	mg/l	0.0209	0	.025	83.5	14-162	L473901-02	WG493616
1,2,3-Trichlorobenzene	mg/l	0.0222	0	.025	88.7	32-143	L473901-02	WG493616
1,2,3-Trichloropropane	mg/l	0.0246	0	.025	98.4	48-148	L473901-02	WG493616
1,2,3-Trimethylbenzene	mg/l	0.0230	0	.025	91.9	36-141	L473901-02	WG493616
1,2,4-Trichlorobenzene	mg/l	0.0222	0	.025	89.0	27-142	L473901-02	WG493616
1,2,4-Trimethylbenzene	mg/l	0.0242	0	.025	96.7	29-153	L473901-02	WG493616
1,2-Dibromo-3-Chloropropane	mg/l	0.0253	0	.025	101.	37-148	L473901-02	WG493616
1,2-Dibromoethane	mg/l	0.0237	0	.025	94.8	41-149	L473901-02	WG493616
1,2-Dichlorobenzene	mg/l	0.0232	0	.025	92.6	40-139	L473901-02	WG493616
1,2-Dichloroethane	mg/l	0.0220	0	.025	88.0	29-167	L473901-02	WG493616
1,2-Dichloropropane	mg/l	0.0236	0	.025	94.3	39-148	L473901-02	WG493616
1,3,5-Trimethylbenzene	mg/l	0.0228	0	.025	91.3	33-149	L473901-02	WG493616

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August 19, 2010

Analyte	Units	MS Res	Matrix Spike		% Rec	Limit	Ref Samp	Batch
			Ref Res	TV				
1,3-Dichlorobenzene	mg/l	0.0233	0	.025	93.3	32-148	L473901-02	WG493616
1,3-Dichloropropane	mg/l	0.0229	0	.025	91.8	44-142	L473901-02	WG493616
1,4-Dichlorobenzene	mg/l	0.0211	0	.025	84.3	32-136	L473901-02	WG493616
2,2-Dichloropropane	mg/l	0.0202	0	.025	80.8	14-158	L473901-02	WG493616
2-Butanone (MEK)	mg/l	0.124	0	.125	99.1	32-151	L473901-02	WG493616
2-Chloroethyl vinyl ether	mg/l	0.118	0	.125	94.2	0-175	L473901-02	WG493616
2-Chlorotoluene	mg/l	0.0227	0	.025	90.8	35-147	L473901-02	WG493616
4-Chlorotoluene	mg/l	0.0227	0	.025	90.9	33-147	L473901-02	WG493616
4-Methyl-2-pentanone (MIBK)	mg/l	0.145	0	.125	116.	40-160	L473901-02	WG493616
Acetone	mg/l	0.131	0.000839	.125	104.	25-157	L473901-02	WG493616
Acrolein	mg/l	0.0595	0	.125	47.6	0-179	L473901-02	WG493616
Acrylonitrile	mg/l	0.122	0	.125	97.4	37-162	L473901-02	WG493616
Benzene	mg/l	0.0205	0	.025	81.8	16-158	L473901-02	WG493616
Bromobenzene	mg/l	0.0221	0	.025	88.5	37-147	L473901-02	WG493616
Bromodichloromethane	mg/l	0.0238	0	.025	95.3	45-147	L473901-02	WG493616
Bromoform	mg/l	0.0237	0	.025	94.8	38-152	L473901-02	WG493616
Bromomethane	mg/l	0.0188	0	.025	75.2	0-191	L473901-02	WG493616
Carbon tetrachloride	mg/l	0.0198	0	.025	79.1	22-168	L473901-02	WG493616
Chlorobenzene	mg/l	0.0231	0	.025	92.4	33-148	L473901-02	WG493616
Chlorodibromomethane	mg/l	0.0231	0	.025	92.4	48-151	L473901-02	WG493616
Chloroethane	mg/l	0.0225	0	.025	90.2	4-176	L473901-02	WG493616
Chloroform	mg/l	0.0210	0	.025	84.1	37-147	L473901-02	WG493616
Chloromethane	mg/l	0.0199	0	.025	79.5	10-174	L473901-02	WG493616
cis-1,2-Dichloroethene	mg/l	0.0228	0	.025	91.1	29-156	L473901-02	WG493616
cis-1,3-Dichloropropene	mg/l	0.0247	0	.025	98.7	35-148	L473901-02	WG493616
Di-isopropyl ether	mg/l	0.0205	0	.025	81.8	39-160	L473901-02	WG493616
Dibromomethane	mg/l	0.0239	0	.025	95.6	36-152	L473901-02	WG493616
Dichlorodifluoromethane	mg/l	0.0213	0	.025	85.3	0-200	L473901-02	WG493616
Ethylbenzene	mg/l	0.0227	0	.025	90.9	29-150	L473901-02	WG493616
Hexachloro-1,3-butadiene	mg/l	0.0233	0	.025	93.3	28-144	L473901-02	WG493616
Isopropylbenzene	mg/l	0.0214	0	.025	85.4	35-147	L473901-02	WG493616
Methyl tert-butyl ether	mg/l	0.0232	0	.025	92.9	24-167	L473901-02	WG493616
Methylene Chloride	mg/l	0.0198	0	.025	79.1	23-151	L473901-02	WG493616
n-Butylbenzene	mg/l	0.0226	0	.025	90.6	22-151	L473901-02	WG493616
n-Propylbenzene	mg/l	0.0225	0	.025	90.1	26-150	L473901-02	WG493616
p-Isopropyltoluene	mg/l	0.0212	0	.025	85.0	28-151	L473901-02	WG493616
sec-Butylbenzene	mg/l	0.0234	0	.025	93.5	32-149	L473901-02	WG493616
Styrene	mg/l	0.0246	0	.025	98.4	38-149	L473901-02	WG493616
tert-Butylbenzene	mg/l	0.0231	0	.025	92.5	36-149	L473901-02	WG493616
Tetrachloroethene	mg/l	0.0217	0	.025	86.9	13-157	L473901-02	WG493616
Toluene	mg/l	0.0212	0	.025	84.8	22-152	L473901-02	WG493616
trans-1,2-Dichloroethene	mg/l	0.0205	0	.025	82.0	11-160	L473901-02	WG493616
trans-1,3-Dichloropropene	mg/l	0.0228	0	.025	91.2	33-153	L473901-02	WG493616
Trichloroethene	mg/l	0.0219	0	.025	87.5	18-163	L473901-02	WG493616
Trichlorofluoromethane	mg/l	0.0187	0	.025	75.0	10-177	L473901-02	WG493616
Vinyl chloride	mg/l	0.0209	0	.025	83.6	0-179	L473901-02	WG493616
Xylenes, Total	mg/l	0.0692	0	.075	92.2	27-151	L473901-02	WG493616
4-Bromofluorobenzene					104.7	75-128		WG493616
Dibromofluoromethane					98.76	79-125		WG493616
Toluene-d8					105.8	87-114		WG493616
1,1,1,2-Tetrachloroethane	mg/l	0.0215	0	.025	86.1	45-152	L473973-01	WG493619
1,1,1-Trichloroethane	mg/l	0.0224	0	.025	89.5	31-161	L473973-01	WG493619
1,1,2,2-Tetrachloroethane	mg/l	0.0238	0	.025	95.3	49-149	L473973-01	WG493619
1,1,2-Trichloroethane	mg/l	0.0235	0	.025	93.8	46-145	L473973-01	WG493619
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/l	0.0241	0	.025	96.4	14-168	L473973-01	WG493619
1,1-Dichloroethane	mg/l	0.0241	0	.025	96.4	30-159	L473973-01	WG493619
1,1-Dichloroethene	mg/l	0.0232	0	.025	92.7	10-162	L473973-01	WG493619

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Tax I.D. 62-0814289

Est. 1970

August 19, 2010

Analyte	Units	MS Res	Matrix Spike		% Rec	Limit	Ref Samp	Batch
			Ref Res	TV				
1,1-Dichloropropene	mg/l	0.0229	0	.025	91.7	14-162	L473973-01	WG493619
1,2,3-Trichlorobenzene	mg/l	0.0222	0	.025	88.6	32-143	L473973-01	WG493619
1,2,3-Trichloropropane	mg/l	0.0223	0	.025	89.4	48-148	L473973-01	WG493619
1,2,3-Trimethylbenzene	mg/l	0.0240	0	.025	96.0	36-141	L473973-01	WG493619
1,2,4-Trichlorobenzene	mg/l	0.0238	0	.025	95.0	27-142	L473973-01	WG493619
1,2,4-Trimethylbenzene	mg/l	0.0239	0	.025	95.5	29-153	L473973-01	WG493619
1,2-Dibromo-3-Chloropropane	mg/l	0.0198	0	.025	79.1	37-148	L473973-01	WG493619
1,2-Dibromoethane	mg/l	0.0225	0	.025	89.9	41-149	L473973-01	WG493619
1,2-Dichlorobenzene	mg/l	0.0231	0	.025	92.3	40-139	L473973-01	WG493619
1,2-Dichloroethane	mg/l	0.0240	0	.025	96.1	29-167	L473973-01	WG493619
1,2-Dichloropropane	mg/l	0.0236	0	.025	94.5	39-148	L473973-01	WG493619
1,3,5-Trimethylbenzene	mg/l	0.0226	0	.025	90.5	33-149	L473973-01	WG493619
1,3-Dichlorobenzene	mg/l	0.0219	0	.025	87.7	32-148	L473973-01	WG493619
1,3-Dichloropropane	mg/l	0.0223	0	.025	89.0	44-142	L473973-01	WG493619
1,4-Dichlorobenzene	mg/l	0.0216	0	.025	86.4	32-136	L473973-01	WG493619
2,2-Dichloropropane	mg/l	0.0227	0	.025	90.7	14-158	L473973-01	WG493619
2-Butanone (MEK)	mg/l	0.119	0	.125	95.5	32-151	L473973-01	WG493619
2-Chloroethyl vinyl ether	mg/l	0.00189	0	.125	1.51	0-175	L473973-01	WG493619
2-Chlorotoluene	mg/l	0.0225	0	.025	89.8	35-147	L473973-01	WG493619
4-Chlorotoluene	mg/l	0.0223	0	.025	89.2	33-147	L473973-01	WG493619
4-Methyl-2-pentanone (MIBK)	mg/l	0.116	0	.125	92.7	40-160	L473973-01	WG493619
Acetone	mg/l	0.108	0	.125	86.6	25-157	L473973-01	WG493619
Acrolein	mg/l	0.0556	0	.125	44.5	0-179	L473973-01	WG493619
Acrylonitrile	mg/l	0.128	0	.125	102.	37-162	L473973-01	WG493619
Benzene	mg/l	0.0476	0.0270	.025	82.2	16-158	L473973-01	WG493619
Bromobenzene	mg/l	0.0209	0	.025	83.5	37-147	L473973-01	WG493619
Bromodichloromethane	mg/l	0.0233	0	.025	93.2	45-147	L473973-01	WG493619
Bromoform	mg/l	0.0180	0	.025	72.0	38-152	L473973-01	WG493619
Bromomethane	mg/l	0.0346	0	.025	138.	0-191	L473973-01	WG493619
Carbon tetrachloride	mg/l	0.0217	0	.025	86.7	22-168	L473973-01	WG493619
Chlorobenzene	mg/l	0.0224	0	.025	89.7	33-148	L473973-01	WG493619
Chlorodibromomethane	mg/l	0.0208	0	.025	83.1	48-151	L473973-01	WG493619
Chloroethane	mg/l	0.0375	0	.025	150.	4-176	L473973-01	WG493619
Chloroform	mg/l	0.0217	0	.025	86.7	37-147	L473973-01	WG493619
Chloromethane	mg/l	0.0243	0	.025	97.2	10-174	L473973-01	WG493619
cis-1,2-Dichloroethene	mg/l	0.0242	0	.025	96.6	29-156	L473973-01	WG493619
cis-1,3-Dichloropropene	mg/l	0.0230	0	.025	91.8	35-148	L473973-01	WG493619
Di-isopropyl ether	mg/l	0.0245	0	.025	98.0	39-160	L473973-01	WG493619
Dibromomethane	mg/l	0.0227	0	.025	90.8	36-152	L473973-01	WG493619
Dichlorodifluoromethane	mg/l	0.0242	0	.025	97.0	0-200	L473973-01	WG493619
Ethylbenzene	mg/l	0.0227	0.00100	.025	86.6	29-150	L473973-01	WG493619
Hexachloro-1,3-butadiene	mg/l	0.0234	0	.025	93.6	28-144	L473973-01	WG493619
Isopropylbenzene	mg/l	0.0203	0	.025	81.2	35-147	L473973-01	WG493619
Methyl tert-butyl ether	mg/l	0.0222	0	.025	88.6	24-167	L473973-01	WG493619
Methylene Chloride	mg/l	0.0218	0	.025	87.1	23-151	L473973-01	WG493619
n-Butylbenzene	mg/l	0.0248	0	.025	99.2	22-151	L473973-01	WG493619
n-Propylbenzene	mg/l	0.0224	0	.025	89.7	26-150	L473973-01	WG493619
Naphthalene	mg/l	0.0299	0.00760	.025	89.0	24-160	L473973-01	WG493619
p-Isopropyltoluene	mg/l	0.0219	0	.025	87.6	28-151	L473973-01	WG493619
sec-Butylbenzene	mg/l	0.0224	0	.025	89.7	32-149	L473973-01	WG493619
Styrene	mg/l	0.0262	0	.025	105.	38-149	L473973-01	WG493619
tert-Butylbenzene	mg/l	0.0221	0	.025	88.5	36-149	L473973-01	WG493619
Tetrachloroethene	mg/l	0.0205	0	.025	82.1	13-157	L473973-01	WG493619
Toluene	mg/l	0.0215	0	.025	86.1	22-152	L473973-01	WG493619
trans-1,2-Dichloroethene	mg/l	0.0230	0	.025	91.8	11-160	L473973-01	WG493619
trans-1,3-Dichloropropene	mg/l	0.0218	0	.025	87.0	33-153	L473973-01	WG493619
Trichloroethene	mg/l	0.0205	0	.025	82.0	18-163	L473973-01	WG493619
Trichlorofluoromethane	mg/l	0.0321	0	.025	128.	10-177	L473973-01	WG493619
Vinyl chloride	mg/l	0.0247	0	.025	98.7	0-179	L473973-01	WG493619

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Est. 1970

Quality Assurance Report
Level II

L473979

August 19, 2010

Analyte	Units	MS Res	Matrix Spike		% Rec	Limit	Ref Samp	Batch
			Ref Res	TV				
Xylenes, Total	mg/l	0.0676	0.000346	.075	89.6	27-151	L473973-01	WG493619
4-Bromofluorobenzene					96.95	75-128		WG493619
Dibromofluoromethane					107.8	79-125		WG493619
Toluene-d8					104.2	87-114		WG493619
Naphthalene	mg/l	0.0208	0	.025	83.2	24-160	L473869-03	WG494076
4-Bromofluorobenzene					98.48	75-128		WG494076
Dibromofluoromethane					106.6	79-125		WG494076
Toluene-d8					101.6	87-114		WG494076

Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit	Ref Samp	Batch
			Ref	%Rec					
1,1,1,2-Tetrachloroethane	mg/l	0.0256	0.0226	102.	45-152	12.6	21	L473901-02	WG493616
1,1,1-Trichloroethane	mg/l	0.0222	0.0201	88.9	31-161	10.0	23	L473901-02	WG493616
1,1,2,2-Tetrachloroethane	mg/l	0.0295	0.0251	118.	49-149	16.0	22	L473901-02	WG493616
1,1,2-Trichloroethane	mg/l	0.0276	0.0239	110.	46-145	14.2	20	L473901-02	WG493616
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/l	0.0212	0.0194	84.9	14-168	9.26	24	L473901-02	WG493616
1,1-Dichloroethane	mg/l	0.0234	0.0213	93.5	30-159	9.41	21	L473901-02	WG493616
1,1-Dichloroethene	mg/l	0.0213	0.0184	85.0	10-162	14.7	23	L473901-02	WG493616
1,1-Dichloropropene	mg/l	0.0230	0.0209	91.9	14-162	9.63	23	L473901-02	WG493616
1,2,3-Trichlorobenzene	mg/l	0.0250	0.0222	100.	32-143	12.0	33	L473901-02	WG493616
1,2,3-Trichloropropane	mg/l	0.0275	0.0246	110.	48-148	11.2	23	L473901-02	WG493616
1,2,3-Trimethylbenzene	mg/l	0.0255	0.0230	102.	36-141	10.4	25	L473901-02	WG493616
1,2,4-Trichlorobenzene	mg/l	0.0252	0.0222	101.	27-142	12.5	30	L473901-02	WG493616
1,2,4-Trimethylbenzene	mg/l	0.0271	0.0242	108.	29-153	11.3	27	L473901-02	WG493616
1,2-Dibromo-3-Chloropropane	mg/l	0.0296	0.0253	118.	37-148	15.8	27	L473901-02	WG493616
1,2-Dibromoethane	mg/l	0.0273	0.0237	109.	41-149	14.2	21	L473901-02	WG493616
1,2-Dichlorobenzene	mg/l	0.0261	0.0232	104.	40-139	11.9	23	L473901-02	WG493616
1,2-Dichloroethane	mg/l	0.0247	0.0220	98.6	29-167	11.4	21	L473901-02	WG493616
1,2-Dichloropropane	mg/l	0.0262	0.0236	105.	39-148	10.5	20	L473901-02	WG493616
1,3,5-Trimethylbenzene	mg/l	0.0257	0.0228	103.	33-149	11.8	26	L473901-02	WG493616
1,3-Dichlorobenzene	mg/l	0.0264	0.0233	106.	32-148	12.4	24	L473901-02	WG493616
1,3-Dichloropropane	mg/l	0.0260	0.0229	104.	44-142	12.6	20	L473901-02	WG493616
1,4-Dichlorobenzene	mg/l	0.0233	0.0211	93.2	32-136	10.0	23	L473901-02	WG493616
2,2-Dichloropropane	mg/l	0.0225	0.0202	90.2	14-158	11.0	23	L473901-02	WG493616
2-Butanone (MEK)	mg/l	0.144	0.124	115.	32-151	15.0	26	L473901-02	WG493616
2-Chloroethyl vinyl ether	mg/l	0.138	0.118	110.	0-175	15.9	75	L473901-02	WG493616
2-Chlorotoluene	mg/l	0.0253	0.0227	101.	35-147	10.7	24	L473901-02	WG493616
4-Chlorotoluene	mg/l	0.0254	0.0227	102.	33-147	11.3	25	L473901-02	WG493616
4-Methyl-2-pentanone (MIBK)	mg/l	0.169	0.145	135.	40-160	15.1	28	L473901-02	WG493616
Acetone	mg/l	0.147	0.131	117.	25-157	11.8	26	L473901-02	WG493616
Acrolein	mg/l	0.0767	0.0595	61.4	0-179	25.3	39	L473901-02	WG493616
Acrylonitrile	mg/l	0.143	0.122	115.	37-162	16.4	24	L473901-02	WG493616
Benzene	mg/l	0.0226	0.0205	90.4	16-158	9.98	21	L473901-02	WG493616
Bromobenzene	mg/l	0.0249	0.0221	99.6	37-147	11.9	23	L473901-02	WG493616
Bromodichloromethane	mg/l	0.0272	0.0238	109.	45-147	13.2	20	L473901-02	WG493616
Bromoform	mg/l	0.0283	0.0237	113.	38-152	17.7	20	L473901-02	WG493616
Bromomethane	mg/l	0.0198	0.0188	79.1	0-191	5.14	35	L473901-02	WG493616
Carbon tetrachloride	mg/l	0.0215	0.0198	85.9	22-168	8.23	24	L473901-02	WG493616
Chlorobenzene	mg/l	0.0257	0.0231	103.	33-148	10.5	22	L473901-02	WG493616
Chlorodibromomethane	mg/l	0.0267	0.0231	107.	48-151	14.4	21	L473901-02	WG493616
Chloroethane	mg/l	0.0230	0.0225	91.8	4-176	1.83	27	L473901-02	WG493616
Chloroform	mg/l	0.0231	0.0210	92.3	37-147	9.32	21	L473901-02	WG493616
Chloromethane	mg/l	0.0211	0.0199	84.4	10-174	5.99	28	L473901-02	WG493616
cis-1,2-Dichloroethene	mg/l	0.0247	0.0228	98.8	29-156	8.15	22	L473901-02	WG493616
cis-1,3-Dichloropropene	mg/l	0.0274	0.0247	110.	35-148	10.6	21	L473901-02	WG493616
Di-isopropyl ether	mg/l	0.0226	0.0205	90.5	39-160	10.1	21	L473901-02	WG493616

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Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit	Ref	Samp	Batch
			Ref	%Rec						
Dibromomethane	mg/l	0.0271	0.0239	108.	36-152	12.5	20	L473901-02		WG493616
Dichlorodifluoromethane	mg/l	0.0225	0.0213	90.2	0-200	5.56	26	L473901-02		WG493616
Ethylbenzene	mg/l	0.0256	0.0227	102.	29-150	11.8	24	L473901-02		WG493616
Hexachloro-1,3-butadiene	mg/l	0.0259	0.0233	104.	28-144	10.5	33	L473901-02		WG493616
Isopropylbenzene	mg/l	0.0239	0.0214	95.7	35-147	11.3	25	L473901-02		WG493616
Methyl tert-butyl ether	mg/l	0.0263	0.0232	105.	24-167	12.4	22	L473901-02		WG493616
Methylene Chloride	mg/l	0.0219	0.0198	87.7	23-151	10.2	21	L473901-02		WG493616
n-Butylbenzene	mg/l	0.0251	0.0226	100.	22-151	10.3	29	L473901-02		WG493616
n-Propylbenzene	mg/l	0.0253	0.0225	101.	26-150	11.5	25	L473901-02		WG493616
p-Isopropyltoluene	mg/l	0.0236	0.0212	94.3	28-151	10.4	27	L473901-02		WG493616
sec-Butylbenzene	mg/l	0.0260	0.0234	104.	32-149	10.8	26	L473901-02		WG493616
Styrene	mg/l	0.0279	0.0246	112.	38-149	12.5	23	L473901-02		WG493616
tert-Butylbenzene	mg/l	0.0259	0.0231	103.	36-149	11.2	26	L473901-02		WG493616
Tetrachloroethene	mg/l	0.0242	0.0217	96.6	13-157	10.6	24	L473901-02		WG493616
Toluene	mg/l	0.0234	0.0212	93.7	22-152	9.88	22	L473901-02		WG493616
trans-1,2-Dichloroethene	mg/l	0.0225	0.0205	90.1	11-160	9.46	23	L473901-02		WG493616
trans-1,3-Dichloropropene	mg/l	0.0260	0.0228	104.	33-153	13.0	22	L473901-02		WG493616
Trichloroethene	mg/l	0.0244	0.0219	97.7	18-163	11.0	21	L473901-02		WG493616
Trichlorofluoromethane	mg/l	0.0197	0.0187	78.6	10-177	4.76	24	L473901-02		WG493616
Vinyl chloride	mg/l	0.0220	0.0209	88.1	0-179	5.25	26	L473901-02		WG493616
Xylenes, Total	mg/l	0.0773	0.0692	103.	27-151	11.2	23	L473901-02		WG493616
4-Bromofluorobenzene				105.8	75-128					WG493616
Dibromofluoromethane				99.27	79-125					WG493616
Toluene-d8				105.3	87-114					WG493616
1,1,1,2-Tetrachloroethane	mg/l	0.0229	0.0215	91.6	45-152	6.15	21	L473973-01		WG493619
1,1,1-Trichloroethane	mg/l	0.0242	0.0224	96.9	31-161	7.97	23	L473973-01		WG493619
1,1,2,2-Tetrachloroethane	mg/l	0.0256	0.0238	102.	49-149	7.40	22	L473973-01		WG493619
1,1,2-Trichloroethane	mg/l	0.0249	0.0235	99.4	46-145	5.80	20	L473973-01		WG493619
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/l	0.0250	0.0241	99.9	14-168	3.56	24	L473973-01		WG493619
1,1-Dichloroethane	mg/l	0.0249	0.0241	99.6	30-159	3.24	21	L473973-01		WG493619
1,1-Dichloroethene	mg/l	0.0253	0.0232	101.	10-162	8.89	23	L473973-01		WG493619
1,1-Dichloropropene	mg/l	0.0244	0.0229	97.6	14-162	6.23	23	L473973-01		WG493619
1,2,3-Trichlorobenzene	mg/l	0.0233	0.0222	93.3	32-143	5.11	33	L473973-01		WG493619
1,2,3-Trichloropropane	mg/l	0.0241	0.0223	96.4	48-148	7.62	23	L473973-01		WG493619
1,2,3-Trimethylbenzene	mg/l	0.0249	0.0240	99.8	36-141	3.81	25	L473973-01		WG493619
1,2,4-Trichlorobenzene	mg/l	0.0241	0.0238	96.2	27-142	1.24	30	L473973-01		WG493619
1,2,4-Trimethylbenzene	mg/l	0.0252	0.0239	101.	29-153	5.34	27	L473973-01		WG493619
1,2-Dibromo-3-Chloropropane	mg/l	0.0227	0.0198	90.8	37-148	13.8	27	L473973-01		WG493619
1,2-Dibromoethane	mg/l	0.0232	0.0225	92.7	41-149	3.12	21	L473973-01		WG493619
1,2-Dichlorobenzene	mg/l	0.0246	0.0231	98.3	40-139	6.34	23	L473973-01		WG493619
1,2-Dichloroethane	mg/l	0.0259	0.0240	103.	29-167	7.36	21	L473973-01		WG493619
1,2-Dichloropropane	mg/l	0.0251	0.0236	100.	39-148	5.95	20	L473973-01		WG493619
1,3,5-Trimethylbenzene	mg/l	0.0241	0.0226	96.5	33-149	6.48	26	L473973-01		WG493619
1,3-Dichlorobenzene	mg/l	0.0227	0.0219	90.7	32-148	3.39	24	L473973-01		WG493619
1,3-Dichloropropane	mg/l	0.0229	0.0223	91.7	44-142	3.02	20	L473973-01		WG493619
1,4-Dichlorobenzene	mg/l	0.0218	0.0216	87.2	32-136	0.920	23	L473973-01		WG493619
2,2-Dichloropropane	mg/l	0.0240	0.0227	95.8	14-158	5.55	23	L473973-01		WG493619
2-Butanone (MEK)	mg/l	0.132	0.119	106.	32-151	10.3	26	L473973-01		WG493619
2-Chloroethyl vinyl ether	mg/l	0.000812	0.00189	0.649	0-175	79.9*	75	L473973-01		WG493619
2-Chlorotoluene	mg/l	0.0240	0.0225	95.9	35-147	6.53	24	L473973-01		WG493619
4-Chlorotoluene	mg/l	0.0236	0.0223	94.2	33-147	5.53	25	L473973-01		WG493619
4-Methyl-2-pentanone (MIBK)	mg/l	0.132	0.116	106.	40-160	13.1	28	L473973-01		WG493619
Acetone	mg/l	0.119	0.108	94.8	25-157	9.03	26	L473973-01		WG493619
Acrolein	mg/l	0.0552	0.0556	44.2	0-179	0.770	39	L473973-01		WG493619
Acrylonitrile	mg/l	0.139	0.128	111.	37-162	8.53	24	L473973-01		WG493619
Benzene	mg/l	0.0480	0.0476	84.2	16-158	1.03	21	L473973-01		WG493619
Bromobenzene	mg/l	0.0230	0.0209	91.8	37-147	9.54	23	L473973-01		WG493619

* 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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Mountlake Terrace, WA 98043

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(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

August 19, 2010

Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit	Ref Samp	Batch
			Ref	%Rec					
Bromodichloromethane	mg/l	0.0261	0.0233	104.	45-147	11.3	20	L473973-01	WG493619
Bromoform	mg/l	0.0196	0.0180	78.6	38-152	8.73	20	L473973-01	WG493619
Bromomethane	mg/l	0.0356	0.0346	142.	0-191	2.91	35	L473973-01	WG493619
Carbon tetrachloride	mg/l	0.0228	0.0217	91.4	22-168	5.22	24	L473973-01	WG493619
Chlorobenzene	mg/l	0.0235	0.0224	93.8	33-148	4.47	22	L473973-01	WG493619
Chlorodibromomethane	mg/l	0.0225	0.0208	90.1	48-151	8.05	21	L473973-01	WG493619
Chloroethane	mg/l	0.0412	0.0375	165.	4-176	9.45	27	L473973-01	WG493619
Chloroform	mg/l	0.0237	0.0217	94.9	37-147	8.98	21	L473973-01	WG493619
Chloromethane	mg/l	0.0241	0.0243	96.6	10-174	0.650	28	L473973-01	WG493619
cis-1,2-Dichloroethene	mg/l	0.0243	0.0242	97.3	29-156	0.690	22	L473973-01	WG493619
cis-1,3-Dichloropropene	mg/l	0.0248	0.0230	99.0	35-148	7.56	21	L473973-01	WG493619
Di-isopropyl ether	mg/l	0.0265	0.0245	106.	39-160	7.98	21	L473973-01	WG493619
Dibromomethane	mg/l	0.0253	0.0227	101.	36-152	10.8	20	L473973-01	WG493619
Dichlorodifluoromethane	mg/l	0.0241	0.0242	96.4	0-200	0.580	26	L473973-01	WG493619
Ethylbenzene	mg/l	0.0233	0.0227	89.3	29-150	2.88	24	L473973-01	WG493619
Hexachloro-1,3-butadiene	mg/l	0.0242	0.0234	97.0	28-144	3.57	33	L473973-01	WG493619
Isopropylbenzene	mg/l	0.0218	0.0203	87.2	35-147	7.17	25	L473973-01	WG493619
Methyl tert-butyl ether	mg/l	0.0242	0.0222	96.9	24-167	8.92	22	L473973-01	WG493619
Methylene Chloride	mg/l	0.0226	0.0218	90.4	23-151	3.70	21	L473973-01	WG493619
n-Butylbenzene	mg/l	0.0258	0.0248	103.	22-151	3.74	29	L473973-01	WG493619
n-Propylbenzene	mg/l	0.0236	0.0224	94.3	26-150	4.94	25	L473973-01	WG493619
Naphthalene	mg/l	0.0309	0.0299	93.1	24-160	3.34	37	L473973-01	WG493619
p-Isopropyltoluene	mg/l	0.0237	0.0219	94.7	28-151	7.76	27	L473973-01	WG493619
sec-Butylbenzene	mg/l	0.0241	0.0224	96.3	32-149	7.18	26	L473973-01	WG493619
Styrene	mg/l	0.0275	0.0262	110.	38-149	4.92	23	L473973-01	WG493619
tert-Butylbenzene	mg/l	0.0239	0.0221	95.5	36-149	7.65	26	L473973-01	WG493619
Tetrachloroethene	mg/l	0.0217	0.0205	87.0	13-157	5.81	24	L473973-01	WG493619
Toluene	mg/l	0.0237	0.0215	94.7	22-152	9.55	22	L473973-01	WG493619
trans-1,2-Dichloroethene	mg/l	0.0235	0.0230	94.1	11-160	2.40	23	L473973-01	WG493619
trans-1,3-Dichloropropene	mg/l	0.0244	0.0218	97.5	33-153	11.3	22	L473973-01	WG493619
Trichloroethene	mg/l	0.0215	0.0205	86.0	18-163	4.72	21	L473973-01	WG493619
Trichlorofluoromethane	mg/l	0.0335	0.0321	134.	10-177	4.09	24	L473973-01	WG493619
Vinyl chloride	mg/l	0.0241	0.0247	96.4	0-179	2.39	26	L473973-01	WG493619
Xylenes, Total	mg/l	0.0705	0.0676	93.5	27-151	4.22	23	L473973-01	WG493619
4-Bromofluorobenzene				93.73	75-128				WG493619
Dibromofluoromethane				106.1	79-125				WG493619
Toluene-d8				106.0	87-114				WG493619
Naphthalene	mg/l	0.0212	0.0208	84.9	24-160	2.11	37	L473869-03	WG494076
4-Bromofluorobenzene				94.53	75-128				WG494076
Dibromofluoromethane				107.0	79-125				WG494076
Toluene-d8				100.7	87-114				WG494076

Batch number /Run number / Sample number cross reference

WG493616: R1332089: L473979-01
WG493619: R1332748: L473979-02 03 04 05 06 07 08 09
WG494076: R1336988: L473979-01

* * 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.'



YOUR LAB OF CHOICE

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

Mountlake Terrace, WA 98043

Quality Assurance Report
Level II

L473979

12065 Lebanon Rd.
Mt. Juliet, TN 37122
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Tax I.D. 62-0814289

Est. 1970

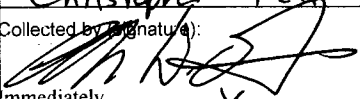
August 19, 2010

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.

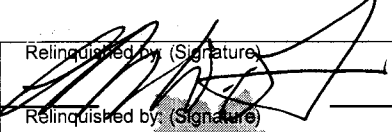
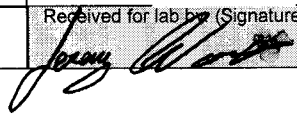
Terracon- Lynnwood, WA 21905 64th Ave W Ste 100 Mountlake Terrace, WA 98043			Billing information:			Analysis/Container/Preservative						Chain of Custody Page <u>1</u> of <u>2</u>	
			Eileen Osborne 21905 64th Ave W Ste 100 Mountlake Terrace, WA 98043									 ESC L.A.B S-C-I-E-N-C-E-S 12065 Lebanon Road Mt. Juliet, TN 37122 Phone: (800) 767-5859 Phone: (615) 758-5858 Fax: (615) 758-5859 B106	
Report to: Jon Einarsen			Email: jmeinarsen@terracon.com; C										
Project Description: Marketplace Retail Center			City/State Collected: Bothell, WA										
Phone: (425) 771-3304 FAX: (425) 771-3549		Client Project #: 81097016A		Lab Project #: TERRLWA-81097016A									
Collected by (print): Christopher Fell		Site/Facility ID#:		P.O.#: 81097016A									
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 <u>X</u> Yes FAX? ___ No ___ Yes		No. of Cntrs							
Immediately Packed on Ice N ___ Y <u>X</u>													
Sample ID		Comp/Grab	Matrix*	Depth (ft)	Date	Time							
MW-8, S1 @ 10		SS	10	4/26	0737	5	X	X			X		
MW-8, S2 @ 15		SS	15		0750	5	X	X			X		
MW-8, S3 @ 20		SS	20		0757	5	X	X			X		
MW-8, S4 @ 25		SS	25		0802	5	X	X			X		
MW-8, S5 @ 30		SS	30		0815	5	X	X			X		
MW-8, S6 @ 35		SS	35		0820	5	X	X			X		
MW-8, S7 @ 40		SS	40		0843	5	X	X			X		
MW-8, S8 @ 45		SS	45		0853	5	X	X			X		
MW-8, S9 @ 50		SS	50		0912	5	X	X			X		

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

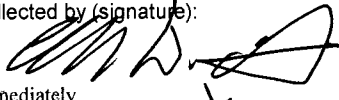
Remarks:

pH _____ Temp _____

Flow _____ Other _____

Relinquished by: (Signature) 	Date: 4/26	Time: 1701	Received by: (Signature) 	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier		Condition: (lab use only) 	
	Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 2.5°C	Bottles Received: 60	COC Seal Intact: ___ Y ___ N <u>NA</u>
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) 	Date: 4/28/11	Time: 0930	pH Checked:	NCF:

487555100690

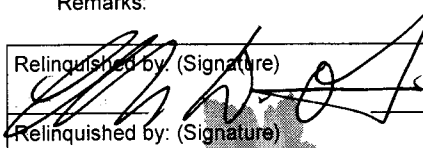
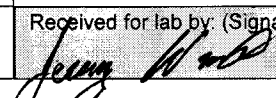
Company Name/Address: Terracon- Lynnwood, WA 21905 64th Ave W Ste 100 Mountlake Terrace, WA 98043				Billing Information: Accounts Payable 21905 64th Ave W Ste 100 Mountlake Terrace, WA 98043				Analysis/Container/Preservative TS 4oz Clr - No Pres V8260 40ml / NaHSO4 / Syr / MeOH VOC Screen 2oz Clr - No Pres				Chain of Custody Page <u>2</u> of <u>2</u>  ESC L.A.B S.C.I.E.N.C.E.S 12065 Lebanon Road Mt. Juliet, TN 37122 Phone: (800) 767-5859 Phone: (615) 758-5858 Fax: (615) 758-5859			
Report to: <u>Jon Einarsen</u>				Email to: <u>jmenarsen@terracon.com</u>											
Project Description:				City/State Collected: <u>Bothell, WA</u>											
Phone: (425) 771-3304		Client Project #: <u>81097016A</u>		ESC Key:											
FAX: (425) 771-3549															
Collected by: (print) <u>Chris Felt</u>		Site/Facility ID#:		P.O.#: <u>81097016A</u>											
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									
Immediately Packed on Ice N ☐ Y ☒															
Sample ID	Comp/Grab	Matrix*	Depth	Date	Time					Remarks/Contaminant	Sample # (lab only)				
MW-8, S10 @ 55		SS	55	4/26	0931	5	X	X	X	L51346/	-10				
MW-8, S11 @ 60		SS	60	↓	0959	5	X	X	X		-11				
MW-8, S12 @ 70		SS	70	↓	1021	5	X	X	X		-12				

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

pH _____ Temp _____

Remarks:

Flow _____ Other _____

Relinquished by: (Signature) 	Date: <u>4/26</u>	Time: <u>1701</u>	Received by: (Signature) 	Samples returned via: ☐ UPS ☐ FedEx ☐ Courier	Condition: ☒ (lab use only)
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: <u>2.5</u>	Bottles Received: <u>60</u>
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) 	Date: <u>4/28/11</u>	Time: <u>0830</u>
					CoC Seals Intact ☐ Y ☒ N ☐ NA
					pH Checked: ☐ NCF: ☐



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

Report Summary

Wednesday May 04, 2011

Report Number: L513401

Samples Received: 04/28/11

Client Project: 81097016A

Description: Marketplace Retail Center

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

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, NV - TN000032008A,
TX - T104704245, OK-9915

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Note: The use of the preparatory EPA Method 3511 is not approved or endorsed by the CA ELAP.

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Est. 1970

REPORT OF ANALYSIS

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

May 04, 2011

Date Received : April 28, 2011
Description : Marketplace Retail Center

ESC Sample # : L513401-01

Sample ID : MW-8 51@10FT

Site ID :

Collected By : Christopher Fell
Collection Date : 04/26/11 07:37

Project # : 81097016A

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	86.			%		2540G	05/03/11	1
Volatile Organics								
Acetone	U	0.010	0.058	mg/kg		8260B	04/29/11	1
Acrylonitrile	U	0.0026	0.012	mg/kg		8260B	04/29/11	1
Benzene	U	0.00042	0.0012	mg/kg		8260B	04/29/11	1
Bromobenzene	U	0.00030	0.0012	mg/kg		8260B	04/29/11	1
Bromodichloromethane	U	0.00034	0.0012	mg/kg		8260B	04/29/11	1
Bromoform	U	0.00033	0.0012	mg/kg		8260B	04/29/11	1
Bromomethane	U	0.0016	0.0058	mg/kg		8260B	04/29/11	1
n-Butylbenzene	U	0.00034	0.0012	mg/kg		8260B	04/29/11	1
sec-Butylbenzene	U	0.00031	0.0012	mg/kg		8260B	04/29/11	1
tert-Butylbenzene	U	0.00027	0.0012	mg/kg		8260B	04/29/11	1
Carbon tetrachloride	U	0.00042	0.0012	mg/kg		8260B	04/29/11	1
Chlorobenzene	U	0.00033	0.0012	mg/kg		8260B	04/29/11	1
Chlorodibromomethane	U	0.00031	0.0012	mg/kg		8260B	04/29/11	1
Chloroethane	U	0.0020	0.0058	mg/kg		8260B	04/29/11	1
2-Chloroethyl vinyl ether	U	0.018	0.058	mg/kg		8260B	04/29/11	1
Chloroform	U	0.00043	0.0058	mg/kg		8260B	04/29/11	1
Chloromethane	U	0.0010	0.0029	mg/kg		8260B	04/29/11	1
2-Chlorotoluene	U	0.00032	0.0012	mg/kg		8260B	04/29/11	1
4-Chlorotoluene	U	0.00030	0.0012	mg/kg		8260B	04/29/11	1
1,2-Dibromo-3-Chloropropane	U	0.0011	0.0058	mg/kg		8260B	04/29/11	1
1,2-Dibromoethane	U	0.00031	0.0012	mg/kg		8260B	04/29/11	1
Dibromomethane	U	0.00045	0.0012	mg/kg		8260B	04/29/11	1
1,2-Dichlorobenzene	U	0.00031	0.0012	mg/kg		8260B	04/29/11	1
1,3-Dichlorobenzene	U	0.00029	0.0012	mg/kg		8260B	04/29/11	1
1,4-Dichlorobenzene	U	0.00035	0.0012	mg/kg		8260B	04/29/11	1
Dichlorodifluoromethane	U	0.00043	0.0058	mg/kg		8260B	04/29/11	1
1,1-Dichloroethane	U	0.00043	0.0012	mg/kg		8260B	04/29/11	1
1,2-Dichloroethane	U	0.00038	0.0012	mg/kg		8260B	04/29/11	1
1,1-Dichloroethene	U	0.00053	0.0012	mg/kg		8260B	04/29/11	1
cis-1,2-Dichloroethene	U	0.00051	0.0012	mg/kg		8260B	04/29/11	1
trans-1,2-Dichloroethene	U	0.00042	0.0012	mg/kg		8260B	04/29/11	1
1,2-Dichloropropane	U	0.00060	0.0012	mg/kg		8260B	04/29/11	1
1,1-Dichloropropene	U	0.00034	0.0012	mg/kg		8260B	04/29/11	1
1,3-Dichloropropane	U	0.00038	0.0012	mg/kg		8260B	04/29/11	1
cis-1,3-Dichloropropene	U	0.00030	0.0012	mg/kg		8260B	04/29/11	1
trans-1,3-Dichloropropene	U	0.00040	0.0012	mg/kg		8260B	04/29/11	1
2,2-Dichloropropane	U	0.00036	0.0012	mg/kg		8260B	04/29/11	1
Di-isopropyl ether	U	0.00036	0.0012	mg/kg		8260B	04/29/11	1
Ethylbenzene	U	0.00032	0.0012	mg/kg		8260B	04/29/11	1
Hexachloro-1,3-butadiene	U	0.00035	0.0012	mg/kg		8260B	04/29/11	1

Results listed are dry weight basis.

U = ND (Not Detected)

MDL = Minimum Detection Limit = LOD

RDL = Reported Detection Limit = LOQ = PQL = EQL

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REPORT OF ANALYSIS

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

May 04, 2011

Date Received : April 28, 2011
Description : Marketplace Retail Center

Sample ID : MW-8 51@10FT

Collected By : Christopher Fell
Collection Date : 04/26/11 07:37

ESC Sample # : L513401-01

Site ID :

Project # : 81097016A

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Isopropylbenzene	U	0.00033	0.0012	mg/kg		8260B	04/29/11	1
p-Isopropyltoluene	U	0.00031	0.0012	mg/kg		8260B	04/29/11	1
2-Butanone (MEK)	U	0.0043	0.012	mg/kg		8260B	04/29/11	1
Methylene Chloride	U	0.00049	0.0058	mg/kg		8260B	04/29/11	1
4-Methyl-2-pentanone (MIBK)	U	0.0023	0.012	mg/kg		8260B	04/29/11	1
Methyl tert-butyl ether	U	0.00036	0.0012	mg/kg		8260B	04/29/11	1
Naphthalene	U	0.00028	0.0058	mg/kg		8260B	04/29/11	1
n-Propylbenzene	U	0.00032	0.0012	mg/kg		8260B	04/29/11	1
Styrene	U	0.00024	0.0012	mg/kg	J4	8260B	04/29/11	1
1,1,1,2-Tetrachloroethane	U	0.00041	0.0012	mg/kg		8260B	04/29/11	1
1,1,2,2-Tetrachloroethane	U	0.00029	0.0012	mg/kg		8260B	04/29/11	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.00085	0.0012	mg/kg		8260B	04/29/11	1
Tetrachloroethene	0.0018	0.00044	0.0012	mg/kg		8260B	04/29/11	1
Toluene	U	0.00033	0.0058	mg/kg		8260B	04/29/11	1
1,2,3-Trichlorobenzene	U	0.00030	0.0012	mg/kg		8260B	04/29/11	1
1,2,4-Trichlorobenzene	U	0.0066	0.0012	mg/kg		8260B	04/29/11	1
1,1,1-Trichloroethane	U	0.00047	0.0012	mg/kg		8260B	04/29/11	1
1,1,2-Trichloroethane	U	0.00054	0.0012	mg/kg		8260B	04/29/11	1
Trichloroethene	U	0.00034	0.0012	mg/kg		8260B	04/29/11	1
Trichlorofluoromethane	U	0.00070	0.0058	mg/kg		8260B	04/29/11	1
1,2,3-Trichloropropane	U	0.00068	0.0029	mg/kg		8260B	04/29/11	1
1,2,4-Trimethylbenzene	U	0.00033	0.0012	mg/kg		8260B	04/29/11	1
1,2,3-Trimethylbenzene	U	0.00033	0.0012	mg/kg		8260B	04/29/11	1
1,3,5-Trimethylbenzene	U	0.00030	0.0012	mg/kg		8260B	04/29/11	1
Vinyl chloride	U	0.00052	0.0012	mg/kg		8260B	04/29/11	1
Xylenes, Total	U	0.00046	0.0035	mg/kg		8260B	04/29/11	1
Surrogate Recovery								
Toluene-d8	98.6			% Rec.		8260B	04/29/11	1
Dibromofluoromethane	107.			% Rec.		8260B	04/29/11	1
a,a,a-Trifluorotoluene	97.4			% Rec.		8260B	04/29/11	1
4-Bromofluorobenzene	96.0			% Rec.		8260B	04/29/11	1

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REPORT OF ANALYSIS

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

May 04, 2011

Date Received : April 28, 2011
Description : Marketplace Retail Center

Sample ID : MW-8 52@15FT

Collected By : Christopher Fell
Collection Date : 04/26/11 07:30

ESC Sample # : L513401-02

Site ID :

Project # : 81097016A

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	95.			%		2540G	05/03/11	1
Volatile Organics								
Acetone	U	0.010	0.053	mg/kg		8260B	05/03/11	1
Acrylonitrile	U	0.0026	0.010	mg/kg		8260B	05/03/11	1
Benzene	U	0.00042	0.0010	mg/kg		8260B	05/03/11	1
Bromobenzene	U	0.00030	0.0010	mg/kg		8260B	05/03/11	1
Bromodichloromethane	U	0.00034	0.0010	mg/kg		8260B	05/03/11	1
Bromoform	U	0.00033	0.0010	mg/kg		8260B	05/03/11	1
Bromomethane	U	0.0016	0.0053	mg/kg		8260B	05/03/11	1
n-Butylbenzene	U	0.00034	0.0010	mg/kg		8260B	05/03/11	1
sec-Butylbenzene	U	0.00031	0.0010	mg/kg		8260B	05/03/11	1
tert-Butylbenzene	U	0.00027	0.0010	mg/kg		8260B	05/03/11	1
Carbon tetrachloride	U	0.00042	0.0010	mg/kg		8260B	05/03/11	1
Chlorobenzene	U	0.00033	0.0010	mg/kg		8260B	05/03/11	1
Chlorodibromomethane	U	0.00031	0.0010	mg/kg		8260B	05/03/11	1
Chloroethane	U	0.0020	0.0053	mg/kg		8260B	05/03/11	1
2-Chloroethyl vinyl ether	U	0.018	0.053	mg/kg		8260B	05/03/11	1
Chloroform	U	0.00043	0.0053	mg/kg		8260B	05/03/11	1
Chloromethane	U	0.0010	0.0026	mg/kg		8260B	05/03/11	1
2-Chlorotoluene	U	0.00032	0.0010	mg/kg		8260B	05/03/11	1
4-Chlorotoluene	U	0.00030	0.0010	mg/kg		8260B	05/03/11	1
1,2-Dibromo-3-Chloropropane	U	0.0011	0.0053	mg/kg		8260B	05/03/11	1
1,2-Dibromoethane	U	0.00031	0.0010	mg/kg		8260B	05/03/11	1
Dibromomethane	U	0.00045	0.0010	mg/kg		8260B	05/03/11	1
1,2-Dichlorobenzene	U	0.00031	0.0010	mg/kg		8260B	05/03/11	1
1,3-Dichlorobenzene	U	0.00029	0.0010	mg/kg		8260B	05/03/11	1
1,4-Dichlorobenzene	U	0.00035	0.0010	mg/kg		8260B	05/03/11	1
Dichlorodifluoromethane	U	0.00043	0.0053	mg/kg		8260B	05/03/11	1
1,1-Dichloroethane	U	0.00043	0.0010	mg/kg		8260B	05/03/11	1
1,2-Dichloroethane	U	0.00038	0.0010	mg/kg		8260B	05/03/11	1
1,1-Dichloroethene	U	0.00053	0.0010	mg/kg		8260B	05/03/11	1
cis-1,2-Dichloroethene	U	0.00051	0.0010	mg/kg		8260B	05/03/11	1
trans-1,2-Dichloroethene	U	0.00042	0.0010	mg/kg		8260B	05/03/11	1
1,2-Dichloropropane	U	0.00060	0.0010	mg/kg		8260B	05/03/11	1
1,1-Dichloropropene	U	0.00034	0.0010	mg/kg		8260B	05/03/11	1
1,3-Dichloropropane	U	0.00038	0.0010	mg/kg		8260B	05/03/11	1
cis-1,3-Dichloropropene	U	0.00030	0.0010	mg/kg		8260B	05/03/11	1
trans-1,3-Dichloropropene	U	0.00040	0.0010	mg/kg		8260B	05/03/11	1
2,2-Dichloropropane	U	0.00036	0.0010	mg/kg		8260B	05/03/11	1
Di-isopropyl ether	U	0.00036	0.0010	mg/kg		8260B	05/03/11	1
Ethylbenzene	U	0.00032	0.0010	mg/kg		8260B	05/03/11	1
Hexachloro-1,3-butadiene	U	0.00035	0.0010	mg/kg		8260B	05/03/11	1

Results listed are dry weight basis.

U = ND (Not Detected)

MDL = Minimum Detection Limit = LOD

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REPORT OF ANALYSIS

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Mountlake Terrace, WA 98043

May 04, 2011

Date Received : April 28, 2011
Description : Marketplace Retail Center

Sample ID : MW-8 52@15FT

Collected By : Christopher Fell
Collection Date : 04/26/11 07:30

ESC Sample # : L513401-02

Site ID :

Project # : 81097016A

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Isopropylbenzene	U	0.00033	0.0010	mg/kg		8260B	05/03/11	1
p-Isopropyltoluene	U	0.00031	0.0010	mg/kg		8260B	05/03/11	1
2-Butanone (MEK)	U	0.0043	0.010	mg/kg		8260B	05/03/11	1
Methylene Chloride	U	0.00049	0.0053	mg/kg		8260B	05/03/11	1
4-Methyl-2-pentanone (MIBK)	U	0.0023	0.010	mg/kg		8260B	05/03/11	1
Methyl tert-butyl ether	U	0.00036	0.0010	mg/kg		8260B	05/03/11	1
Naphthalene	0.00069	0.00028	0.0053	mg/kg	J	8260B	05/03/11	1
n-Propylbenzene	U	0.00032	0.0010	mg/kg		8260B	05/03/11	1
Styrene	U	0.00024	0.0010	mg/kg		8260B	05/03/11	1
1,1,1,2-Tetrachloroethane	U	0.00041	0.0010	mg/kg		8260B	05/03/11	1
1,1,2,2-Tetrachloroethane	U	0.00029	0.0010	mg/kg		8260B	05/03/11	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.00085	0.0010	mg/kg		8260B	05/03/11	1
Tetrachloroethene	U	0.00044	0.0010	mg/kg		8260B	05/03/11	1
Toluene	U	0.00033	0.0053	mg/kg		8260B	05/03/11	1
1,2,3-Trichlorobenzene	U	0.00030	0.0010	mg/kg		8260B	05/03/11	1
1,2,4-Trichlorobenzene	U	0.0066	0.0010	mg/kg		8260B	05/03/11	1
1,1,1-Trichloroethane	U	0.00047	0.0010	mg/kg		8260B	05/03/11	1
1,1,2-Trichloroethane	U	0.00054	0.0010	mg/kg		8260B	05/03/11	1
Trichloroethene	U	0.00034	0.0010	mg/kg		8260B	05/03/11	1
Trichlorofluoromethane	U	0.00070	0.0053	mg/kg		8260B	05/03/11	1
1,2,3-Trichloropropane	U	0.00068	0.0026	mg/kg		8260B	05/03/11	1
1,2,4-Trimethylbenzene	0.00043	0.00033	0.0010	mg/kg	J	8260B	05/03/11	1
1,2,3-Trimethylbenzene	U	0.00033	0.0010	mg/kg		8260B	05/03/11	1
1,3,5-Trimethylbenzene	U	0.00030	0.0010	mg/kg		8260B	05/03/11	1
Vinyl chloride	U	0.00052	0.0010	mg/kg		8260B	05/03/11	1
Xylenes, Total	U	0.00046	0.0032	mg/kg		8260B	05/03/11	1
Surrogate Recovery								
Toluene-d8	101.			% Rec.		8260B	05/03/11	1
Dibromofluoromethane	104.			% Rec.		8260B	05/03/11	1
a,a,a-Trifluorotoluene	100.			% Rec.		8260B	05/03/11	1
4-Bromofluorobenzene	98.5			% Rec.		8260B	05/03/11	1

Results listed are dry weight basis.

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MDL = Minimum Detection Limit = LOD

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Mountlake Terrace, WA 98043

May 04, 2011

Date Received : April 28, 2011
Description : Marketplace Retail Center

Sample ID : MW-8 53@20FT

Collected By : Christopher Fell
Collection Date : 04/26/11 07:57

ESC Sample # : L513401-03

Site ID :

Project # : 81097016A

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	83.			%		2540G	05/03/11	1
Volatile Organics								
Acetone	U	0.010	0.060	mg/kg		8260B	04/29/11	1
Acrylonitrile	U	0.0026	0.012	mg/kg		8260B	04/29/11	1
Benzene	U	0.00042	0.0012	mg/kg		8260B	04/29/11	1
Bromobenzene	U	0.00030	0.0012	mg/kg		8260B	04/29/11	1
Bromodichloromethane	U	0.00034	0.0012	mg/kg		8260B	04/29/11	1
Bromoform	U	0.00033	0.0012	mg/kg		8260B	04/29/11	1
Bromomethane	U	0.0016	0.0060	mg/kg		8260B	04/29/11	1
n-Butylbenzene	U	0.00034	0.0012	mg/kg		8260B	04/29/11	1
sec-Butylbenzene	U	0.00031	0.0012	mg/kg		8260B	04/29/11	1
tert-Butylbenzene	U	0.00027	0.0012	mg/kg		8260B	04/29/11	1
Carbon tetrachloride	U	0.00042	0.0012	mg/kg		8260B	04/29/11	1
Chlorobenzene	U	0.00033	0.0012	mg/kg		8260B	04/29/11	1
Chlorodibromomethane	U	0.00031	0.0012	mg/kg		8260B	04/29/11	1
Chloroethane	U	0.0020	0.0060	mg/kg		8260B	04/29/11	1
2-Chloroethyl vinyl ether	U	0.018	0.060	mg/kg		8260B	04/29/11	1
Chloroform	U	0.00043	0.0060	mg/kg		8260B	04/29/11	1
Chloromethane	U	0.0010	0.0030	mg/kg		8260B	04/29/11	1
2-Chlorotoluene	U	0.00032	0.0012	mg/kg		8260B	04/29/11	1
4-Chlorotoluene	U	0.00030	0.0012	mg/kg		8260B	04/29/11	1
1,2-Dibromo-3-Chloropropane	U	0.0011	0.0060	mg/kg		8260B	04/29/11	1
1,2-Dibromoethane	U	0.00031	0.0012	mg/kg		8260B	04/29/11	1
Dibromomethane	U	0.00045	0.0012	mg/kg		8260B	04/29/11	1
1,2-Dichlorobenzene	U	0.00031	0.0012	mg/kg		8260B	04/29/11	1
1,3-Dichlorobenzene	U	0.00029	0.0012	mg/kg		8260B	04/29/11	1
1,4-Dichlorobenzene	U	0.00035	0.0012	mg/kg		8260B	04/29/11	1
Dichlorodifluoromethane	U	0.00043	0.0060	mg/kg		8260B	04/29/11	1
1,1-Dichloroethane	U	0.00043	0.0012	mg/kg		8260B	04/29/11	1
1,2-Dichloroethane	U	0.00038	0.0012	mg/kg		8260B	04/29/11	1
1,1-Dichloroethene	U	0.00053	0.0012	mg/kg		8260B	04/29/11	1
cis-1,2-Dichloroethene	U	0.00051	0.0012	mg/kg		8260B	04/29/11	1
trans-1,2-Dichloroethene	U	0.00042	0.0012	mg/kg		8260B	04/29/11	1
1,2-Dichloropropane	U	0.00060	0.0012	mg/kg		8260B	04/29/11	1
1,1-Dichloropropene	U	0.00034	0.0012	mg/kg		8260B	04/29/11	1
1,3-Dichloropropane	U	0.00038	0.0012	mg/kg		8260B	04/29/11	1
cis-1,3-Dichloropropene	U	0.00030	0.0012	mg/kg		8260B	04/29/11	1
trans-1,3-Dichloropropene	U	0.00040	0.0012	mg/kg		8260B	04/29/11	1
2,2-Dichloropropane	U	0.00036	0.0012	mg/kg		8260B	04/29/11	1
Di-isopropyl ether	U	0.00036	0.0012	mg/kg		8260B	04/29/11	1
Ethylbenzene	U	0.00032	0.0012	mg/kg		8260B	04/29/11	1
Hexachloro-1,3-butadiene	U	0.00035	0.0012	mg/kg		8260B	04/29/11	1

Results listed are dry weight basis.

U = ND (Not Detected)

MDL = Minimum Detection Limit = LOD

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Est. 1970

REPORT OF ANALYSIS

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

May 04, 2011

Date Received : April 28, 2011
Description : Marketplace Retail Center

Sample ID : MW-8 53@20FT

Collected By : Christopher Fell
Collection Date : 04/26/11 07:57

ESC Sample # : L513401-03

Site ID :

Project # : 81097016A

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Isopropylbenzene	U	0.00033	0.0012	mg/kg		8260B	04/29/11	1
p-Isopropyltoluene	U	0.00031	0.0012	mg/kg		8260B	04/29/11	1
2-Butanone (MEK)	U	0.0043	0.012	mg/kg		8260B	04/29/11	1
Methylene Chloride	U	0.00049	0.0060	mg/kg		8260B	04/29/11	1
4-Methyl-2-pentanone (MIBK)	U	0.0023	0.012	mg/kg		8260B	04/29/11	1
Methyl tert-butyl ether	U	0.00036	0.0012	mg/kg		8260B	04/29/11	1
Naphthalene	U	0.00028	0.0060	mg/kg		8260B	04/29/11	1
n-Propylbenzene	U	0.00032	0.0012	mg/kg		8260B	04/29/11	1
Styrene	U	0.00024	0.0012	mg/kg	J4	8260B	04/29/11	1
1,1,1,2-Tetrachloroethane	U	0.00041	0.0012	mg/kg		8260B	04/29/11	1
1,1,2,2-Tetrachloroethane	U	0.00029	0.0012	mg/kg		8260B	04/29/11	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.00085	0.0012	mg/kg		8260B	04/29/11	1
Tetrachloroethene	0.0089	0.00044	0.0012	mg/kg		8260B	04/29/11	1
Toluene	U	0.00033	0.0060	mg/kg		8260B	04/29/11	1
1,2,3-Trichlorobenzene	U	0.00030	0.0012	mg/kg		8260B	04/29/11	1
1,2,4-Trichlorobenzene	U	0.0066	0.0012	mg/kg		8260B	04/29/11	1
1,1,1-Trichloroethane	U	0.00047	0.0012	mg/kg		8260B	04/29/11	1
1,1,2-Trichloroethane	U	0.00054	0.0012	mg/kg		8260B	04/29/11	1
Trichloroethene	U	0.00034	0.0012	mg/kg		8260B	04/29/11	1
Trichlorofluoromethane	U	0.00070	0.0060	mg/kg		8260B	04/29/11	1
1,2,3-Trichloropropane	U	0.00068	0.0030	mg/kg		8260B	04/29/11	1
1,2,4-Trimethylbenzene	U	0.00033	0.0012	mg/kg		8260B	04/29/11	1
1,2,3-Trimethylbenzene	U	0.00033	0.0012	mg/kg		8260B	04/29/11	1
1,3,5-Trimethylbenzene	U	0.00030	0.0012	mg/kg		8260B	04/29/11	1
Vinyl chloride	U	0.00052	0.0012	mg/kg		8260B	04/29/11	1
Xylenes, Total	U	0.00046	0.0036	mg/kg		8260B	04/29/11	1
Surrogate Recovery								
Toluene-d8	99.9			% Rec.		8260B	04/29/11	1
Dibromofluoromethane	105.			% Rec.		8260B	04/29/11	1
a,a,a-Trifluorotoluene	100.			% Rec.		8260B	04/29/11	1
4-Bromofluorobenzene	99.0			% Rec.		8260B	04/29/11	1

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Est. 1970

REPORT OF ANALYSIS

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

May 04, 2011

Date Received : April 28, 2011
Description : Marketplace Retail Center

Sample ID : MW-8 54@25FT

Collected By : Christopher Fell
Collection Date : 04/26/11 08:02

ESC Sample # : L513401-04

Site ID :

Project # : 81097016A

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	89.			%		2540G	05/03/11	1
Volatile Organics								
Acetone	U	0.010	0.056	mg/kg		8260B	04/29/11	1
Acrylonitrile	U	0.0026	0.011	mg/kg		8260B	04/29/11	1
Benzene	U	0.00042	0.0011	mg/kg		8260B	04/29/11	1
Bromobenzene	U	0.00030	0.0011	mg/kg		8260B	04/29/11	1
Bromodichloromethane	U	0.00034	0.0011	mg/kg		8260B	04/29/11	1
Bromoform	U	0.00033	0.0011	mg/kg		8260B	04/29/11	1
Bromomethane	U	0.0016	0.0056	mg/kg		8260B	04/29/11	1
n-Butylbenzene	U	0.00034	0.0011	mg/kg		8260B	05/03/11	1
sec-Butylbenzene	U	0.00031	0.0011	mg/kg		8260B	04/29/11	1
tert-Butylbenzene	U	0.00027	0.0011	mg/kg		8260B	04/29/11	1
Carbon tetrachloride	U	0.00042	0.0011	mg/kg		8260B	04/29/11	1
Chlorobenzene	U	0.00033	0.0011	mg/kg		8260B	04/29/11	1
Chlorodibromomethane	U	0.00031	0.0011	mg/kg		8260B	04/29/11	1
Chloroethane	U	0.0020	0.0056	mg/kg		8260B	04/29/11	1
2-Chloroethyl vinyl ether	U	0.018	0.056	mg/kg		8260B	04/29/11	1
Chloroform	U	0.00043	0.0056	mg/kg		8260B	04/29/11	1
Chloromethane	U	0.0010	0.0028	mg/kg		8260B	04/29/11	1
2-Chlorotoluene	U	0.00032	0.0011	mg/kg		8260B	04/29/11	1
4-Chlorotoluene	U	0.00030	0.0011	mg/kg		8260B	04/29/11	1
1,2-Dibromo-3-Chloropropane	U	0.0011	0.0056	mg/kg		8260B	04/29/11	1
1,2-Dibromoethane	U	0.00031	0.0011	mg/kg		8260B	04/29/11	1
Dibromomethane	U	0.00045	0.0011	mg/kg		8260B	04/29/11	1
1,2-Dichlorobenzene	U	0.00031	0.0011	mg/kg		8260B	04/29/11	1
1,3-Dichlorobenzene	U	0.00029	0.0011	mg/kg		8260B	04/29/11	1
1,4-Dichlorobenzene	U	0.00035	0.0011	mg/kg		8260B	04/29/11	1
Dichlorodifluoromethane	U	0.00043	0.0056	mg/kg		8260B	04/29/11	1
1,1-Dichloroethane	U	0.00043	0.0011	mg/kg		8260B	04/29/11	1
1,2-Dichloroethane	U	0.00038	0.0011	mg/kg		8260B	04/29/11	1
1,1-Dichloroethene	U	0.00053	0.0011	mg/kg		8260B	04/29/11	1
cis-1,2-Dichloroethene	U	0.00051	0.0011	mg/kg		8260B	04/29/11	1
trans-1,2-Dichloroethene	U	0.00042	0.0011	mg/kg		8260B	04/29/11	1
1,2-Dichloropropane	U	0.00060	0.0011	mg/kg		8260B	04/29/11	1
1,1-Dichloropropene	U	0.00034	0.0011	mg/kg		8260B	04/29/11	1
1,3-Dichloropropane	U	0.00038	0.0011	mg/kg		8260B	04/29/11	1
cis-1,3-Dichloropropene	U	0.00030	0.0011	mg/kg		8260B	04/29/11	1
trans-1,3-Dichloropropene	U	0.00040	0.0011	mg/kg		8260B	04/29/11	1
2,2-Dichloropropane	U	0.00036	0.0011	mg/kg		8260B	04/29/11	1
Di-isopropyl ether	U	0.00036	0.0011	mg/kg		8260B	04/29/11	1
Ethylbenzene	U	0.00032	0.0011	mg/kg		8260B	04/29/11	1
Hexachloro-1,3-butadiene	U	0.00035	0.0011	mg/kg		8260B	04/29/11	1

Results listed are dry weight basis.

U = ND (Not Detected)

MDL = Minimum Detection Limit = LOD

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REPORT OF ANALYSIS

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

May 04, 2011

Date Received : April 28, 2011
Description : Marketplace Retail Center

Sample ID : MW-8 54@25FT

Collected By : Christopher Fell
Collection Date : 04/26/11 08:02

ESC Sample # : L513401-04

Site ID :

Project # : 81097016A

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Isopropylbenzene	U	0.00033	0.0011	mg/kg		8260B	04/29/11	1
p-Isopropyltoluene	U	0.00031	0.0011	mg/kg		8260B	05/03/11	1
2-Butanone (MEK)	U	0.0043	0.011	mg/kg		8260B	04/29/11	1
Methylene Chloride	U	0.00049	0.0056	mg/kg		8260B	04/29/11	1
4-Methyl-2-pentanone (MIBK)	U	0.0023	0.011	mg/kg		8260B	04/29/11	1
Methyl tert-butyl ether	U	0.00036	0.0011	mg/kg		8260B	04/29/11	1
Naphthalene	0.00081	0.00028	0.0056	mg/kg	J	8260B	05/03/11	1
n-Propylbenzene	U	0.00032	0.0011	mg/kg		8260B	04/29/11	1
Styrene	U	0.00024	0.0011	mg/kg	J4	8260B	04/29/11	1
1,1,1,2-Tetrachloroethane	U	0.00041	0.0011	mg/kg		8260B	04/29/11	1
1,1,2,2-Tetrachloroethane	U	0.00029	0.0011	mg/kg		8260B	04/29/11	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.00085	0.0011	mg/kg		8260B	04/29/11	1
Tetrachloroethene	0.0073	0.00044	0.0011	mg/kg		8260B	04/29/11	1
Toluene	U	0.00033	0.0056	mg/kg		8260B	04/29/11	1
1,2,3-Trichlorobenzene	U	0.00030	0.0011	mg/kg		8260B	05/03/11	1
1,2,4-Trichlorobenzene	U	0.0066	0.0011	mg/kg		8260B	04/29/11	1
1,1,1-Trichloroethane	U	0.00047	0.0011	mg/kg		8260B	04/29/11	1
1,1,2-Trichloroethane	U	0.00054	0.0011	mg/kg		8260B	04/29/11	1
Trichloroethene	U	0.00034	0.0011	mg/kg		8260B	04/29/11	1
Trichlorofluoromethane	U	0.00070	0.0056	mg/kg		8260B	04/29/11	1
1,2,3-Trichloropropane	U	0.00068	0.0028	mg/kg		8260B	04/29/11	1
1,2,4-Trimethylbenzene	U	0.00033	0.0011	mg/kg		8260B	04/29/11	1
1,2,3-Trimethylbenzene	U	0.00033	0.0011	mg/kg		8260B	04/29/11	1
1,3,5-Trimethylbenzene	U	0.00030	0.0011	mg/kg		8260B	04/29/11	1
Vinyl chloride	U	0.00052	0.0011	mg/kg		8260B	04/29/11	1
Xylenes, Total	U	0.00046	0.0034	mg/kg		8260B	04/29/11	1
Surrogate Recovery								
Toluene-d8	99.3			% Rec.		8260B	04/29/11	1
Dibromofluoromethane	105.			% Rec.		8260B	04/29/11	1
a,a,a-Trifluorotoluene	99.1			% Rec.		8260B	04/29/11	1
4-Bromofluorobenzene	103.			% Rec.		8260B	04/29/11	1

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REPORT OF ANALYSIS

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

May 04, 2011

Date Received : April 28, 2011
Description : Marketplace Retail Center

ESC Sample # : L513401-05

Sample ID : MW-8 55@30FT

Site ID :

Collected By : Christopher Fell
Collection Date : 04/26/11 08:15

Project # : 81097016A

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	87.			%		2540G	05/03/11	1
Volatile Organics								
Acetone	U	0.010	0.058	mg/kg		8260B	04/29/11	1
Acrylonitrile	U	0.0026	0.012	mg/kg		8260B	04/29/11	1
Benzene	U	0.00042	0.0012	mg/kg		8260B	04/29/11	1
Bromobenzene	U	0.00030	0.0012	mg/kg		8260B	04/29/11	1
Bromodichloromethane	U	0.00034	0.0012	mg/kg		8260B	04/29/11	1
Bromoform	U	0.00033	0.0012	mg/kg		8260B	04/29/11	1
Bromomethane	U	0.0016	0.0058	mg/kg		8260B	04/29/11	1
n-Butylbenzene	U	0.00034	0.0012	mg/kg		8260B	04/29/11	1
sec-Butylbenzene	U	0.00031	0.0012	mg/kg		8260B	04/29/11	1
tert-Butylbenzene	U	0.00027	0.0012	mg/kg		8260B	04/29/11	1
Carbon tetrachloride	U	0.00042	0.0012	mg/kg		8260B	04/29/11	1
Chlorobenzene	U	0.00033	0.0012	mg/kg		8260B	04/29/11	1
Chlorodibromomethane	U	0.00031	0.0012	mg/kg		8260B	04/29/11	1
Chloroethane	U	0.0020	0.0058	mg/kg		8260B	04/29/11	1
2-Chloroethyl vinyl ether	U	0.018	0.058	mg/kg		8260B	04/29/11	1
Chloroform	U	0.00043	0.0058	mg/kg		8260B	04/29/11	1
Chloromethane	U	0.0010	0.0029	mg/kg		8260B	04/29/11	1
2-Chlorotoluene	U	0.00032	0.0012	mg/kg		8260B	04/29/11	1
4-Chlorotoluene	U	0.00030	0.0012	mg/kg		8260B	04/29/11	1
1,2-Dibromo-3-Chloropropane	U	0.0011	0.0058	mg/kg		8260B	04/29/11	1
1,2-Dibromoethane	U	0.00031	0.0012	mg/kg		8260B	04/29/11	1
Dibromomethane	U	0.00045	0.0012	mg/kg		8260B	04/29/11	1
1,2-Dichlorobenzene	U	0.00031	0.0012	mg/kg		8260B	04/29/11	1
1,3-Dichlorobenzene	U	0.00029	0.0012	mg/kg		8260B	04/29/11	1
1,4-Dichlorobenzene	U	0.00035	0.0012	mg/kg		8260B	04/29/11	1
Dichlorodifluoromethane	U	0.00043	0.0058	mg/kg		8260B	04/29/11	1
1,1-Dichloroethane	U	0.00043	0.0012	mg/kg		8260B	04/29/11	1
1,2-Dichloroethane	U	0.00038	0.0012	mg/kg		8260B	04/29/11	1
1,1-Dichloroethene	U	0.00053	0.0012	mg/kg		8260B	04/29/11	1
cis-1,2-Dichloroethene	U	0.00051	0.0012	mg/kg		8260B	04/29/11	1
trans-1,2-Dichloroethene	U	0.00042	0.0012	mg/kg		8260B	04/29/11	1
1,2-Dichloropropane	U	0.00060	0.0012	mg/kg		8260B	04/29/11	1
1,1-Dichloropropene	U	0.00034	0.0012	mg/kg		8260B	04/29/11	1
1,3-Dichloropropane	U	0.00038	0.0012	mg/kg		8260B	04/29/11	1
cis-1,3-Dichloropropene	U	0.00030	0.0012	mg/kg		8260B	04/29/11	1
trans-1,3-Dichloropropene	U	0.00040	0.0012	mg/kg		8260B	04/29/11	1
2,2-Dichloropropane	U	0.00036	0.0012	mg/kg		8260B	04/29/11	1
Di-isopropyl ether	U	0.00036	0.0012	mg/kg		8260B	04/29/11	1
Ethylbenzene	U	0.00032	0.0012	mg/kg		8260B	04/29/11	1
Hexachloro-1,3-butadiene	U	0.00035	0.0012	mg/kg		8260B	04/29/11	1

Results listed are dry weight basis.

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MDL = Minimum Detection Limit = LOD

RDL = Reported Detection Limit = LOQ = PQL = EQL

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REPORT OF ANALYSIS

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

May 04, 2011

Date Received : April 28, 2011
Description : Marketplace Retail Center

Sample ID : MW-8 55@30FT

Collected By : Christopher Fell
Collection Date : 04/26/11 08:15

ESC Sample # : L513401-05

Site ID :

Project # : 81097016A

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Isopropylbenzene	U	0.00033	0.0012	mg/kg		8260B	04/29/11	1
p-Isopropyltoluene	U	0.00031	0.0012	mg/kg		8260B	04/29/11	1
2-Butanone (MEK)	U	0.0043	0.012	mg/kg		8260B	04/29/11	1
Methylene Chloride	U	0.00049	0.0058	mg/kg		8260B	04/29/11	1
4-Methyl-2-pentanone (MIBK)	U	0.0023	0.012	mg/kg		8260B	04/29/11	1
Methyl tert-butyl ether	U	0.00036	0.0012	mg/kg		8260B	04/29/11	1
Naphthalene	U	0.00028	0.0058	mg/kg		8260B	04/29/11	1
n-Propylbenzene	U	0.00032	0.0012	mg/kg		8260B	04/29/11	1
Styrene	U	0.00024	0.0012	mg/kg	J4	8260B	04/29/11	1
1,1,1,2-Tetrachloroethane	U	0.00041	0.0012	mg/kg		8260B	04/29/11	1
1,1,2,2-Tetrachloroethane	U	0.00029	0.0012	mg/kg		8260B	04/29/11	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.00085	0.0012	mg/kg		8260B	04/29/11	1
Tetrachloroethene	0.045	0.00044	0.0012	mg/kg		8260B	04/29/11	1
Toluene	U	0.00033	0.0058	mg/kg		8260B	04/29/11	1
1,2,3-Trichlorobenzene	U	0.00030	0.0012	mg/kg		8260B	04/29/11	1
1,2,4-Trichlorobenzene	U	0.0066	0.0012	mg/kg		8260B	04/29/11	1
1,1,1-Trichloroethane	U	0.00047	0.0012	mg/kg		8260B	04/29/11	1
1,1,2-Trichloroethane	U	0.00054	0.0012	mg/kg		8260B	04/29/11	1
Trichloroethene	U	0.00034	0.0012	mg/kg		8260B	04/29/11	1
Trichlorofluoromethane	U	0.00070	0.0058	mg/kg		8260B	04/29/11	1
1,2,3-Trichloropropane	U	0.00068	0.0029	mg/kg		8260B	04/29/11	1
1,2,4-Trimethylbenzene	U	0.00033	0.0012	mg/kg		8260B	04/29/11	1
1,2,3-Trimethylbenzene	U	0.00033	0.0012	mg/kg		8260B	04/29/11	1
1,3,5-Trimethylbenzene	U	0.00030	0.0012	mg/kg		8260B	04/29/11	1
Vinyl chloride	U	0.00052	0.0012	mg/kg		8260B	04/29/11	1
Xylenes, Total	U	0.00046	0.0035	mg/kg		8260B	04/29/11	1
Surrogate Recovery								
Toluene-d8	99.6			% Rec.		8260B	04/29/11	1
Dibromofluoromethane	103.			% Rec.		8260B	04/29/11	1
a,a,a-Trifluorotoluene	99.9			% Rec.		8260B	04/29/11	1
4-Bromofluorobenzene	101.			% Rec.		8260B	04/29/11	1

Results listed are dry weight basis.

U = ND (Not Detected)

MDL = Minimum Detection Limit = LOD

RDL = Reported Detection Limit = LOQ = PQL = EQL

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

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

May 04, 2011

Date Received : April 28, 2011
Description : Marketplace Retail Center

Sample ID : MW-8 56@35FT

Collected By : Christopher Fell
Collection Date : 04/26/11 08:30

ESC Sample # : L513401-06

Site ID :

Project # : 81097016A

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	86.			%		2540G	05/03/11	1
Volatile Organics								
Acetone	U	0.010	0.058	mg/kg		8260B	04/29/11	1
Acrylonitrile	U	0.0026	0.012	mg/kg		8260B	04/29/11	1
Benzene	U	0.00042	0.0012	mg/kg		8260B	04/29/11	1
Bromobenzene	U	0.00030	0.0012	mg/kg		8260B	04/29/11	1
Bromodichloromethane	U	0.00034	0.0012	mg/kg		8260B	04/29/11	1
Bromoform	U	0.00033	0.0012	mg/kg		8260B	04/29/11	1
Bromomethane	U	0.0016	0.0058	mg/kg		8260B	04/29/11	1
n-Butylbenzene	U	0.00034	0.0012	mg/kg		8260B	04/29/11	1
sec-Butylbenzene	U	0.00031	0.0012	mg/kg		8260B	04/29/11	1
tert-Butylbenzene	U	0.00027	0.0012	mg/kg		8260B	04/29/11	1
Carbon tetrachloride	U	0.00042	0.0012	mg/kg		8260B	04/29/11	1
Chlorobenzene	U	0.00033	0.0012	mg/kg		8260B	04/29/11	1
Chlorodibromomethane	U	0.00031	0.0012	mg/kg		8260B	04/29/11	1
Chloroethane	U	0.0020	0.0058	mg/kg		8260B	04/29/11	1
2-Chloroethyl vinyl ether	U	0.018	0.058	mg/kg		8260B	04/29/11	1
Chloroform	U	0.00043	0.0058	mg/kg		8260B	04/29/11	1
Chloromethane	U	0.0010	0.0029	mg/kg		8260B	04/29/11	1
2-Chlorotoluene	U	0.00032	0.0012	mg/kg		8260B	04/29/11	1
4-Chlorotoluene	U	0.00030	0.0012	mg/kg		8260B	04/29/11	1
1,2-Dibromo-3-Chloropropane	U	0.0011	0.0058	mg/kg		8260B	04/29/11	1
1,2-Dibromoethane	U	0.00031	0.0012	mg/kg		8260B	04/29/11	1
Dibromomethane	U	0.00045	0.0012	mg/kg		8260B	04/29/11	1
1,2-Dichlorobenzene	U	0.00031	0.0012	mg/kg		8260B	04/29/11	1
1,3-Dichlorobenzene	U	0.00029	0.0012	mg/kg		8260B	04/29/11	1
1,4-Dichlorobenzene	U	0.00035	0.0012	mg/kg		8260B	04/29/11	1
Dichlorodifluoromethane	U	0.00043	0.0058	mg/kg		8260B	04/29/11	1
1,1-Dichloroethane	U	0.00043	0.0012	mg/kg		8260B	04/29/11	1
1,2-Dichloroethane	U	0.00038	0.0012	mg/kg		8260B	04/29/11	1
1,1-Dichloroethene	U	0.00053	0.0012	mg/kg		8260B	04/29/11	1
cis-1,2-Dichloroethene	U	0.00051	0.0012	mg/kg		8260B	04/29/11	1
trans-1,2-Dichloroethene	U	0.00042	0.0012	mg/kg		8260B	04/29/11	1
1,2-Dichloropropane	U	0.00060	0.0012	mg/kg		8260B	04/29/11	1
1,1-Dichloropropene	U	0.00034	0.0012	mg/kg		8260B	04/29/11	1
1,3-Dichloropropane	U	0.00038	0.0012	mg/kg		8260B	04/29/11	1
cis-1,3-Dichloropropene	U	0.00030	0.0012	mg/kg		8260B	04/29/11	1
trans-1,3-Dichloropropene	U	0.00040	0.0012	mg/kg		8260B	04/29/11	1
2,2-Dichloropropane	U	0.00036	0.0012	mg/kg		8260B	04/29/11	1
Di-isopropyl ether	U	0.00036	0.0012	mg/kg		8260B	04/29/11	1
Ethylbenzene	U	0.00032	0.0012	mg/kg		8260B	04/29/11	1
Hexachloro-1,3-butadiene	U	0.00035	0.0012	mg/kg		8260B	04/29/11	1

Results listed are dry weight basis.

U = ND (Not Detected)

MDL = Minimum Detection Limit = LOD

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REPORT OF ANALYSIS

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

May 04, 2011

Date Received : April 28, 2011
Description : Marketplace Retail Center

Sample ID : MW-8 56@35FT

Collected By : Christopher Fell
Collection Date : 04/26/11 08:30

ESC Sample # : L513401-06

Site ID :

Project # : 81097016A

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Isopropylbenzene	U	0.00033	0.0012	mg/kg		8260B	04/29/11	1
p-Isopropyltoluene	U	0.00031	0.0012	mg/kg		8260B	04/29/11	1
2-Butanone (MEK)	U	0.0043	0.012	mg/kg		8260B	04/29/11	1
Methylene Chloride	U	0.00049	0.0058	mg/kg		8260B	04/29/11	1
4-Methyl-2-pentanone (MIBK)	U	0.0023	0.012	mg/kg		8260B	04/29/11	1
Methyl tert-butyl ether	U	0.00036	0.0012	mg/kg		8260B	04/29/11	1
Naphthalene	U	0.00028	0.0058	mg/kg		8260B	04/29/11	1
n-Propylbenzene	U	0.00032	0.0012	mg/kg		8260B	04/29/11	1
Styrene	U	0.00024	0.0012	mg/kg	J4	8260B	04/29/11	1
1,1,1,2-Tetrachloroethane	U	0.00041	0.0012	mg/kg		8260B	04/29/11	1
1,1,2,2-Tetrachloroethane	U	0.00029	0.0012	mg/kg		8260B	04/29/11	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.00085	0.0012	mg/kg		8260B	04/29/11	1
Tetrachloroethene	0.016	0.00044	0.0012	mg/kg		8260B	04/29/11	1
Toluene	U	0.00033	0.0058	mg/kg		8260B	04/29/11	1
1,2,3-Trichlorobenzene	U	0.00030	0.0012	mg/kg		8260B	04/29/11	1
1,2,4-Trichlorobenzene	U	0.0066	0.0012	mg/kg		8260B	04/29/11	1
1,1,1-Trichloroethane	U	0.00047	0.0012	mg/kg		8260B	04/29/11	1
1,1,2-Trichloroethane	U	0.00054	0.0012	mg/kg		8260B	04/29/11	1
Trichloroethene	U	0.00034	0.0012	mg/kg		8260B	04/29/11	1
Trichlorofluoromethane	U	0.00070	0.0058	mg/kg		8260B	04/29/11	1
1,2,3-Trichloropropane	U	0.00068	0.0029	mg/kg		8260B	04/29/11	1
1,2,4-Trimethylbenzene	U	0.00033	0.0012	mg/kg		8260B	04/29/11	1
1,2,3-Trimethylbenzene	U	0.00033	0.0012	mg/kg		8260B	04/29/11	1
1,3,5-Trimethylbenzene	U	0.00030	0.0012	mg/kg		8260B	04/29/11	1
Vinyl chloride	U	0.00052	0.0012	mg/kg		8260B	04/29/11	1
Xylenes, Total	U	0.00046	0.0035	mg/kg		8260B	04/29/11	1
Surrogate Recovery								
Toluene-d8	101.			% Rec.		8260B	04/29/11	1
Dibromofluoromethane	104.			% Rec.		8260B	04/29/11	1
a,a,a-Trifluorotoluene	102.			% Rec.		8260B	04/29/11	1
4-Bromofluorobenzene	99.8			% Rec.		8260B	04/29/11	1

Results listed are dry weight basis.

U = ND (Not Detected)

MDL = Minimum Detection Limit = LOD

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REPORT OF ANALYSIS

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

May 04, 2011

Date Received : April 28, 2011
Description : Marketplace Retail Center

ESC Sample # : L513401-07

Sample ID : MW-8 57@40FT

Site ID :

Collected By : Christopher Fell
Collection Date : 04/26/11 08:43

Project # : 81097016A

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	88.			%		2540G	05/03/11	1
Volatile Organics								
Acetone	U	0.010	0.057	mg/kg		8260B	04/29/11	1
Acrylonitrile	U	0.0026	0.011	mg/kg		8260B	04/29/11	1
Benzene	U	0.00042	0.0011	mg/kg		8260B	04/29/11	1
Bromobenzene	U	0.00030	0.0011	mg/kg		8260B	04/29/11	1
Bromodichloromethane	U	0.00034	0.0011	mg/kg		8260B	04/29/11	1
Bromoform	U	0.00033	0.0011	mg/kg		8260B	04/29/11	1
Bromomethane	U	0.0016	0.0057	mg/kg		8260B	04/29/11	1
n-Butylbenzene	U	0.00034	0.0011	mg/kg		8260B	04/29/11	1
sec-Butylbenzene	U	0.00031	0.0011	mg/kg		8260B	04/29/11	1
tert-Butylbenzene	U	0.00027	0.0011	mg/kg		8260B	04/29/11	1
Carbon tetrachloride	U	0.00042	0.0011	mg/kg		8260B	04/29/11	1
Chlorobenzene	U	0.00033	0.0011	mg/kg		8260B	04/29/11	1
Chlorodibromomethane	U	0.00031	0.0011	mg/kg		8260B	04/29/11	1
Chloroethane	U	0.0020	0.0057	mg/kg		8260B	04/29/11	1
2-Chloroethyl vinyl ether	U	0.018	0.057	mg/kg		8260B	04/29/11	1
Chloroform	U	0.00043	0.0057	mg/kg		8260B	04/29/11	1
Chloromethane	U	0.0010	0.0028	mg/kg		8260B	04/29/11	1
2-Chlorotoluene	U	0.00032	0.0011	mg/kg		8260B	04/29/11	1
4-Chlorotoluene	U	0.00030	0.0011	mg/kg		8260B	04/29/11	1
1,2-Dibromo-3-Chloropropane	U	0.0011	0.0057	mg/kg		8260B	04/29/11	1
1,2-Dibromoethane	U	0.00031	0.0011	mg/kg		8260B	04/29/11	1
Dibromomethane	U	0.00045	0.0011	mg/kg		8260B	04/29/11	1
1,2-Dichlorobenzene	U	0.00031	0.0011	mg/kg		8260B	04/29/11	1
1,3-Dichlorobenzene	U	0.00029	0.0011	mg/kg		8260B	04/29/11	1
1,4-Dichlorobenzene	U	0.00035	0.0011	mg/kg		8260B	04/29/11	1
Dichlorodifluoromethane	U	0.00043	0.0057	mg/kg		8260B	04/29/11	1
1,1-Dichloroethane	U	0.00043	0.0011	mg/kg		8260B	04/29/11	1
1,2-Dichloroethane	U	0.00038	0.0011	mg/kg		8260B	04/29/11	1
1,1-Dichloroethene	U	0.00053	0.0011	mg/kg		8260B	04/29/11	1
cis-1,2-Dichloroethene	U	0.00051	0.0011	mg/kg		8260B	04/29/11	1
trans-1,2-Dichloroethene	U	0.00042	0.0011	mg/kg		8260B	04/29/11	1
1,2-Dichloropropane	U	0.00060	0.0011	mg/kg		8260B	04/29/11	1
1,1-Dichloropropene	U	0.00034	0.0011	mg/kg		8260B	04/29/11	1
1,3-Dichloropropane	U	0.00038	0.0011	mg/kg		8260B	04/29/11	1
cis-1,3-Dichloropropene	U	0.00030	0.0011	mg/kg		8260B	04/29/11	1
trans-1,3-Dichloropropene	U	0.00040	0.0011	mg/kg		8260B	04/29/11	1
2,2-Dichloropropane	U	0.00036	0.0011	mg/kg		8260B	04/29/11	1
Di-isopropyl ether	U	0.00036	0.0011	mg/kg		8260B	04/29/11	1
Ethylbenzene	U	0.00032	0.0011	mg/kg		8260B	04/29/11	1
Hexachloro-1,3-butadiene	U	0.00035	0.0011	mg/kg		8260B	04/29/11	1

Results listed are dry weight basis.

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REPORT OF ANALYSIS

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

May 04, 2011

Date Received : April 28, 2011
Description : Marketplace Retail Center

Sample ID : MW-8 57@40FT

Collected By : Christopher Fell
Collection Date : 04/26/11 08:43

ESC Sample # : L513401-07

Site ID :

Project # : 81097016A

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Isopropylbenzene	U	0.00033	0.0011	mg/kg		8260B	04/29/11	1
p-Isopropyltoluene	U	0.00031	0.0011	mg/kg		8260B	04/29/11	1
2-Butanone (MEK)	U	0.0043	0.011	mg/kg		8260B	04/29/11	1
Methylene Chloride	U	0.00049	0.0057	mg/kg		8260B	04/29/11	1
4-Methyl-2-pentanone (MIBK)	U	0.0023	0.011	mg/kg		8260B	04/29/11	1
Methyl tert-butyl ether	U	0.00036	0.0011	mg/kg		8260B	04/29/11	1
Naphthalene	U	0.00028	0.0057	mg/kg		8260B	04/29/11	1
n-Propylbenzene	U	0.00032	0.0011	mg/kg		8260B	04/29/11	1
Styrene	U	0.00024	0.0011	mg/kg	J4	8260B	04/29/11	1
1,1,1,2-Tetrachloroethane	U	0.00041	0.0011	mg/kg		8260B	04/29/11	1
1,1,2,2-Tetrachloroethane	U	0.00029	0.0011	mg/kg		8260B	04/29/11	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.00085	0.0011	mg/kg		8260B	04/29/11	1
Tetrachloroethene	0.025	0.00044	0.0011	mg/kg		8260B	04/29/11	1
Toluene	U	0.00033	0.0057	mg/kg		8260B	04/29/11	1
1,2,3-Trichlorobenzene	U	0.00030	0.0011	mg/kg		8260B	04/29/11	1
1,2,4-Trichlorobenzene	U	0.0066	0.0011	mg/kg		8260B	04/29/11	1
1,1,1-Trichloroethane	U	0.00047	0.0011	mg/kg		8260B	04/29/11	1
1,1,2-Trichloroethane	U	0.00054	0.0011	mg/kg		8260B	04/29/11	1
Trichloroethene	U	0.00034	0.0011	mg/kg		8260B	04/29/11	1
Trichlorofluoromethane	U	0.00070	0.0057	mg/kg		8260B	04/29/11	1
1,2,3-Trichloropropane	U	0.00068	0.0028	mg/kg		8260B	04/29/11	1
1,2,4-Trimethylbenzene	U	0.00033	0.0011	mg/kg		8260B	04/29/11	1
1,2,3-Trimethylbenzene	U	0.00033	0.0011	mg/kg		8260B	04/29/11	1
1,3,5-Trimethylbenzene	U	0.00030	0.0011	mg/kg		8260B	04/29/11	1
Vinyl chloride	U	0.00052	0.0011	mg/kg		8260B	04/29/11	1
Xylenes, Total	U	0.00046	0.0034	mg/kg		8260B	04/29/11	1
Surrogate Recovery								
Toluene-d8	98.9			% Rec.		8260B	04/29/11	1
Dibromofluoromethane	105.			% Rec.		8260B	04/29/11	1
a,a,a-Trifluorotoluene	101.			% Rec.		8260B	04/29/11	1
4-Bromofluorobenzene	98.8			% Rec.		8260B	04/29/11	1

Results listed are dry weight basis.

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MDL = Minimum Detection Limit = LOD

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REPORT OF ANALYSIS

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

May 04, 2011

Date Received : April 28, 2011
Description : Marketplace Retail Center

Sample ID : MW-8 58@45FT

Collected By : Christopher Fell
Collection Date : 04/26/11 08:53

ESC Sample # : L513401-08

Site ID :

Project # : 81097016A

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	91.			%		2540G	05/03/11	1
Volatile Organics								
Acetone	U	0.010	0.055	mg/kg		8260B	04/29/11	1
Acrylonitrile	U	0.0026	0.011	mg/kg		8260B	04/29/11	1
Benzene	U	0.00042	0.0011	mg/kg		8260B	04/29/11	1
Bromobenzene	U	0.00030	0.0011	mg/kg		8260B	04/29/11	1
Bromodichloromethane	U	0.00034	0.0011	mg/kg		8260B	04/29/11	1
Bromoform	U	0.00033	0.0011	mg/kg		8260B	04/29/11	1
Bromomethane	U	0.0016	0.0055	mg/kg		8260B	04/29/11	1
n-Butylbenzene	U	0.00034	0.0011	mg/kg		8260B	04/29/11	1
sec-Butylbenzene	U	0.00031	0.0011	mg/kg		8260B	04/29/11	1
tert-Butylbenzene	U	0.00027	0.0011	mg/kg		8260B	04/29/11	1
Carbon tetrachloride	U	0.00042	0.0011	mg/kg		8260B	04/29/11	1
Chlorobenzene	U	0.00033	0.0011	mg/kg		8260B	04/29/11	1
Chlorodibromomethane	U	0.00031	0.0011	mg/kg		8260B	04/29/11	1
Chloroethane	U	0.0020	0.0055	mg/kg		8260B	04/29/11	1
2-Chloroethyl vinyl ether	U	0.018	0.055	mg/kg		8260B	04/29/11	1
Chloroform	U	0.00043	0.0055	mg/kg		8260B	04/29/11	1
Chloromethane	U	0.0010	0.0027	mg/kg		8260B	04/29/11	1
2-Chlorotoluene	U	0.00032	0.0011	mg/kg		8260B	04/29/11	1
4-Chlorotoluene	U	0.00030	0.0011	mg/kg		8260B	04/29/11	1
1,2-Dibromo-3-Chloropropane	U	0.0011	0.0055	mg/kg		8260B	04/29/11	1
1,2-Dibromoethane	U	0.00031	0.0011	mg/kg		8260B	04/29/11	1
Dibromomethane	U	0.00045	0.0011	mg/kg		8260B	04/29/11	1
1,2-Dichlorobenzene	U	0.00031	0.0011	mg/kg		8260B	04/29/11	1
1,3-Dichlorobenzene	U	0.00029	0.0011	mg/kg		8260B	04/29/11	1
1,4-Dichlorobenzene	U	0.00035	0.0011	mg/kg		8260B	04/29/11	1
Dichlorodifluoromethane	U	0.00043	0.0055	mg/kg		8260B	04/29/11	1
1,1-Dichloroethane	U	0.00043	0.0011	mg/kg		8260B	04/29/11	1
1,2-Dichloroethane	U	0.00038	0.0011	mg/kg		8260B	04/29/11	1
1,1-Dichloroethene	U	0.00053	0.0011	mg/kg		8260B	04/29/11	1
cis-1,2-Dichloroethene	U	0.00051	0.0011	mg/kg		8260B	04/29/11	1
trans-1,2-Dichloroethene	U	0.00042	0.0011	mg/kg		8260B	04/29/11	1
1,2-Dichloropropane	U	0.00060	0.0011	mg/kg		8260B	04/29/11	1
1,1-Dichloropropene	U	0.00034	0.0011	mg/kg		8260B	04/29/11	1
1,3-Dichloropropane	U	0.00038	0.0011	mg/kg		8260B	04/29/11	1
cis-1,3-Dichloropropene	U	0.00030	0.0011	mg/kg		8260B	04/29/11	1
trans-1,3-Dichloropropene	U	0.00040	0.0011	mg/kg		8260B	04/29/11	1
2,2-Dichloropropane	U	0.00036	0.0011	mg/kg		8260B	04/29/11	1
Di-isopropyl ether	U	0.00036	0.0011	mg/kg		8260B	04/29/11	1
Ethylbenzene	U	0.00032	0.0011	mg/kg		8260B	04/29/11	1
Hexachloro-1,3-butadiene	U	0.00035	0.0011	mg/kg		8260B	04/29/11	1

Results listed are dry weight basis.

U = ND (Not Detected)

MDL = Minimum Detection Limit = LOD

RDL = Reported Detection Limit = LOQ = PQL = EQL

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Est. 1970

REPORT OF ANALYSIS

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

May 04, 2011

Date Received : April 28, 2011
Description : Marketplace Retail Center
Sample ID : MW-8 58@45FT
Collected By : Christopher Fell
Collection Date : 04/26/11 08:53

ESC Sample # : L513401-08

Site ID :

Project # : 81097016A

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Isopropylbenzene	U	0.00033	0.0011	mg/kg		8260B	04/29/11	1
p-Isopropyltoluene	U	0.00031	0.0011	mg/kg		8260B	04/29/11	1
2-Butanone (MEK)	U	0.0043	0.011	mg/kg		8260B	04/29/11	1
Methylene Chloride	U	0.00049	0.0055	mg/kg		8260B	04/29/11	1
4-Methyl-2-pentanone (MIBK)	U	0.0023	0.011	mg/kg		8260B	04/29/11	1
Methyl tert-butyl ether	U	0.00036	0.0011	mg/kg		8260B	04/29/11	1
Naphthalene	U	0.00028	0.0055	mg/kg		8260B	04/29/11	1
n-Propylbenzene	U	0.00032	0.0011	mg/kg		8260B	04/29/11	1
Styrene	U	0.00024	0.0011	mg/kg	J4	8260B	04/29/11	1
1,1,1,2-Tetrachloroethane	U	0.00041	0.0011	mg/kg		8260B	04/29/11	1
1,1,2,2-Tetrachloroethane	U	0.00029	0.0011	mg/kg		8260B	04/29/11	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.00085	0.0011	mg/kg		8260B	04/29/11	1
Tetrachloroethene	0.012	0.00044	0.0011	mg/kg		8260B	04/29/11	1
Toluene	U	0.00033	0.0055	mg/kg		8260B	04/29/11	1
1,2,3-Trichlorobenzene	U	0.00030	0.0011	mg/kg		8260B	04/29/11	1
1,2,4-Trichlorobenzene	U	0.0066	0.0011	mg/kg		8260B	04/29/11	1
1,1,1-Trichloroethane	U	0.00047	0.0011	mg/kg		8260B	04/29/11	1
1,1,2-Trichloroethane	U	0.00054	0.0011	mg/kg		8260B	04/29/11	1
Trichloroethene	U	0.00034	0.0011	mg/kg		8260B	04/29/11	1
Trichlorofluoromethane	U	0.00070	0.0055	mg/kg		8260B	04/29/11	1
1,2,3-Trichloropropane	U	0.00068	0.0027	mg/kg		8260B	04/29/11	1
1,2,4-Trimethylbenzene	U	0.00033	0.0011	mg/kg		8260B	04/29/11	1
1,2,3-Trimethylbenzene	U	0.00033	0.0011	mg/kg		8260B	04/29/11	1
1,3,5-Trimethylbenzene	U	0.00030	0.0011	mg/kg		8260B	04/29/11	1
Vinyl chloride	U	0.00052	0.0011	mg/kg		8260B	04/29/11	1
Xylenes, Total	U	0.00046	0.0033	mg/kg		8260B	04/29/11	1
Surrogate Recovery								
Toluene-d8	101.			% Rec.		8260B	04/29/11	1
Dibromofluoromethane	105.			% Rec.		8260B	04/29/11	1
a,a,a-Trifluorotoluene	101.			% Rec.		8260B	04/29/11	1
4-Bromofluorobenzene	101.			% Rec.		8260B	04/29/11	1

Results listed are dry weight basis.

U = ND (Not Detected)

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REPORT OF ANALYSIS

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

May 04, 2011

Date Received : April 28, 2011
Description : Marketplace Retail Center

Sample ID : MW-8 59@50FT

Collected By : Christopher Fell
Collection Date : 04/26/11 09:12

ESC Sample # : L513401-09

Site ID :

Project # : 81097016A

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	89.			%		2540G	05/03/11	1
Volatile Organics								
Acetone	U	0.010	0.056	mg/kg		8260B	04/29/11	1
Acrylonitrile	U	0.0026	0.011	mg/kg		8260B	04/29/11	1
Benzene	U	0.00042	0.0011	mg/kg		8260B	04/29/11	1
Bromobenzene	U	0.00030	0.0011	mg/kg		8260B	04/29/11	1
Bromodichloromethane	U	0.00034	0.0011	mg/kg		8260B	04/29/11	1
Bromoform	U	0.00033	0.0011	mg/kg		8260B	04/29/11	1
Bromomethane	U	0.0016	0.0056	mg/kg		8260B	04/29/11	1
n-Butylbenzene	U	0.00034	0.0011	mg/kg		8260B	04/29/11	1
sec-Butylbenzene	U	0.00031	0.0011	mg/kg		8260B	04/29/11	1
tert-Butylbenzene	U	0.00027	0.0011	mg/kg		8260B	04/29/11	1
Carbon tetrachloride	U	0.00042	0.0011	mg/kg		8260B	04/29/11	1
Chlorobenzene	U	0.00033	0.0011	mg/kg		8260B	04/29/11	1
Chlorodibromomethane	U	0.00031	0.0011	mg/kg		8260B	04/29/11	1
Chloroethane	U	0.0020	0.0056	mg/kg		8260B	04/29/11	1
2-Chloroethyl vinyl ether	U	0.018	0.056	mg/kg		8260B	04/29/11	1
Chloroform	U	0.00043	0.0056	mg/kg		8260B	04/29/11	1
Chloromethane	U	0.0010	0.0028	mg/kg		8260B	04/29/11	1
2-Chlorotoluene	U	0.00032	0.0011	mg/kg		8260B	04/29/11	1
4-Chlorotoluene	U	0.00030	0.0011	mg/kg		8260B	04/29/11	1
1,2-Dibromo-3-Chloropropane	U	0.0011	0.0056	mg/kg		8260B	04/29/11	1
1,2-Dibromoethane	U	0.00031	0.0011	mg/kg		8260B	04/29/11	1
Dibromomethane	U	0.00045	0.0011	mg/kg		8260B	04/29/11	1
1,2-Dichlorobenzene	U	0.00031	0.0011	mg/kg		8260B	04/29/11	1
1,3-Dichlorobenzene	U	0.00029	0.0011	mg/kg		8260B	04/29/11	1
1,4-Dichlorobenzene	U	0.00035	0.0011	mg/kg		8260B	04/29/11	1
Dichlorodifluoromethane	U	0.00043	0.0056	mg/kg		8260B	04/29/11	1
1,1-Dichloroethane	U	0.00043	0.0011	mg/kg		8260B	04/29/11	1
1,2-Dichloroethane	U	0.00038	0.0011	mg/kg		8260B	04/29/11	1
1,1-Dichloroethene	U	0.00053	0.0011	mg/kg		8260B	04/29/11	1
cis-1,2-Dichloroethene	U	0.00051	0.0011	mg/kg		8260B	04/29/11	1
trans-1,2-Dichloroethene	U	0.00042	0.0011	mg/kg		8260B	04/29/11	1
1,2-Dichloropropane	U	0.00060	0.0011	mg/kg		8260B	04/29/11	1
1,1-Dichloropropene	U	0.00034	0.0011	mg/kg		8260B	04/29/11	1
1,3-Dichloropropane	U	0.00038	0.0011	mg/kg		8260B	04/29/11	1
cis-1,3-Dichloropropene	U	0.00030	0.0011	mg/kg		8260B	04/29/11	1
trans-1,3-Dichloropropene	U	0.00040	0.0011	mg/kg		8260B	04/29/11	1
2,2-Dichloropropane	U	0.00036	0.0011	mg/kg		8260B	04/29/11	1
Di-isopropyl ether	U	0.00036	0.0011	mg/kg		8260B	04/29/11	1
Ethylbenzene	U	0.00032	0.0011	mg/kg		8260B	04/29/11	1
Hexachloro-1,3-butadiene	U	0.00035	0.0011	mg/kg		8260B	04/29/11	1

Results listed are dry weight basis.

U = ND (Not Detected)

MDL = Minimum Detection Limit = LOD

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REPORT OF ANALYSIS

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

May 04, 2011

Date Received : April 28, 2011
Description : Marketplace Retail Center

Sample ID : MW-8 59@50FT

Collected By : Christopher Fell
Collection Date : 04/26/11 09:12

ESC Sample # : L513401-09

Site ID :

Project # : 81097016A

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Isopropylbenzene	U	0.00033	0.0011	mg/kg		8260B	04/29/11	1
p-Isopropyltoluene	U	0.00031	0.0011	mg/kg		8260B	04/29/11	1
2-Butanone (MEK)	U	0.0043	0.011	mg/kg		8260B	04/29/11	1
Methylene Chloride	U	0.00049	0.0056	mg/kg		8260B	04/29/11	1
4-Methyl-2-pentanone (MIBK)	U	0.0023	0.011	mg/kg		8260B	04/29/11	1
Methyl tert-butyl ether	U	0.00036	0.0011	mg/kg		8260B	04/29/11	1
Naphthalene	U	0.00028	0.0056	mg/kg		8260B	04/29/11	1
n-Propylbenzene	U	0.00032	0.0011	mg/kg		8260B	04/29/11	1
Styrene	U	0.00024	0.0011	mg/kg	J4	8260B	04/29/11	1
1,1,1,2-Tetrachloroethane	U	0.00041	0.0011	mg/kg		8260B	04/29/11	1
1,1,2,2-Tetrachloroethane	U	0.00029	0.0011	mg/kg		8260B	04/29/11	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.00085	0.0011	mg/kg		8260B	04/29/11	1
Tetrachloroethene	0.016	0.00044	0.0011	mg/kg		8260B	04/29/11	1
Toluene	U	0.00033	0.0056	mg/kg		8260B	04/29/11	1
1,2,3-Trichlorobenzene	U	0.00030	0.0011	mg/kg		8260B	04/29/11	1
1,2,4-Trichlorobenzene	U	0.0066	0.0011	mg/kg		8260B	04/29/11	1
1,1,1-Trichloroethane	U	0.00047	0.0011	mg/kg		8260B	04/29/11	1
1,1,2-Trichloroethane	U	0.00054	0.0011	mg/kg		8260B	04/29/11	1
Trichloroethene	U	0.00034	0.0011	mg/kg		8260B	04/29/11	1
Trichlorofluoromethane	U	0.00070	0.0056	mg/kg		8260B	04/29/11	1
1,2,3-Trichloropropane	U	0.00068	0.0028	mg/kg		8260B	04/29/11	1
1,2,4-Trimethylbenzene	U	0.00033	0.0011	mg/kg		8260B	04/29/11	1
1,2,3-Trimethylbenzene	U	0.00033	0.0011	mg/kg		8260B	04/29/11	1
1,3,5-Trimethylbenzene	U	0.00030	0.0011	mg/kg		8260B	04/29/11	1
Vinyl chloride	U	0.00052	0.0011	mg/kg		8260B	04/29/11	1
Xylenes, Total	U	0.00046	0.0034	mg/kg		8260B	04/29/11	1
Surrogate Recovery								
Toluene-d8	101.			% Rec.		8260B	04/29/11	1
Dibromofluoromethane	104.			% Rec.		8260B	04/29/11	1
a,a,a-Trifluorotoluene	99.2			% Rec.		8260B	04/29/11	1
4-Bromofluorobenzene	96.9			% Rec.		8260B	04/29/11	1

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REPORT OF ANALYSIS

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

May 04, 2011

Date Received : April 28, 2011
Description : Marketplace Retail Center

Sample ID : MW-8 510@55FT

Collected By : Christopher Fell
Collection Date : 04/26/11 09:31

ESC Sample # : L513401-10

Site ID :

Project # : 81097016A

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	90.			%		2540G	05/03/11	1
Volatile Organics								
Acetone	U	0.010	0.055	mg/kg		8260B	04/29/11	1
Acrylonitrile	U	0.0026	0.011	mg/kg		8260B	04/29/11	1
Benzene	U	0.00042	0.0011	mg/kg		8260B	04/29/11	1
Bromobenzene	U	0.00030	0.0011	mg/kg		8260B	04/29/11	1
Bromodichloromethane	U	0.00034	0.0011	mg/kg		8260B	04/29/11	1
Bromoform	U	0.00033	0.0011	mg/kg		8260B	04/29/11	1
Bromomethane	U	0.0016	0.0055	mg/kg		8260B	04/29/11	1
n-Butylbenzene	U	0.00034	0.0011	mg/kg		8260B	04/29/11	1
sec-Butylbenzene	U	0.00031	0.0011	mg/kg		8260B	04/29/11	1
tert-Butylbenzene	U	0.00027	0.0011	mg/kg		8260B	04/29/11	1
Carbon tetrachloride	U	0.00042	0.0011	mg/kg		8260B	04/29/11	1
Chlorobenzene	U	0.00033	0.0011	mg/kg		8260B	04/29/11	1
Chlorodibromomethane	U	0.00031	0.0011	mg/kg		8260B	04/29/11	1
Chloroethane	U	0.0020	0.0055	mg/kg		8260B	04/29/11	1
2-Chloroethyl vinyl ether	U	0.018	0.055	mg/kg		8260B	04/29/11	1
Chloroform	U	0.00043	0.0055	mg/kg		8260B	04/29/11	1
Chloromethane	U	0.0010	0.0028	mg/kg		8260B	04/29/11	1
2-Chlorotoluene	U	0.00032	0.0011	mg/kg		8260B	04/29/11	1
4-Chlorotoluene	U	0.00030	0.0011	mg/kg		8260B	04/29/11	1
1,2-Dibromo-3-Chloropropane	U	0.0011	0.0055	mg/kg		8260B	04/29/11	1
1,2-Dibromoethane	U	0.00031	0.0011	mg/kg		8260B	04/29/11	1
Dibromomethane	U	0.00045	0.0011	mg/kg		8260B	04/29/11	1
1,2-Dichlorobenzene	U	0.00031	0.0011	mg/kg		8260B	04/29/11	1
1,3-Dichlorobenzene	U	0.00029	0.0011	mg/kg		8260B	04/29/11	1
1,4-Dichlorobenzene	U	0.00035	0.0011	mg/kg		8260B	04/29/11	1
Dichlorodifluoromethane	U	0.00043	0.0055	mg/kg		8260B	04/29/11	1
1,1-Dichloroethane	U	0.00043	0.0011	mg/kg		8260B	04/29/11	1
1,2-Dichloroethane	U	0.00038	0.0011	mg/kg		8260B	04/29/11	1
1,1-Dichloroethene	U	0.00053	0.0011	mg/kg		8260B	04/29/11	1
cis-1,2-Dichloroethene	U	0.00051	0.0011	mg/kg		8260B	04/29/11	1
trans-1,2-Dichloroethene	U	0.00042	0.0011	mg/kg		8260B	04/29/11	1
1,2-Dichloropropane	U	0.00060	0.0011	mg/kg		8260B	04/29/11	1
1,1-Dichloropropene	U	0.00034	0.0011	mg/kg		8260B	04/29/11	1
1,3-Dichloropropane	U	0.00038	0.0011	mg/kg		8260B	04/29/11	1
cis-1,3-Dichloropropene	U	0.00030	0.0011	mg/kg		8260B	04/29/11	1
trans-1,3-Dichloropropene	U	0.00040	0.0011	mg/kg		8260B	04/29/11	1
2,2-Dichloropropane	U	0.00036	0.0011	mg/kg		8260B	04/29/11	1
Di-isopropyl ether	U	0.00036	0.0011	mg/kg		8260B	04/29/11	1
Ethylbenzene	U	0.00032	0.0011	mg/kg		8260B	04/29/11	1
Hexachloro-1,3-butadiene	U	0.00035	0.0011	mg/kg		8260B	04/29/11	1

Results listed are dry weight basis.

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MDL = Minimum Detection Limit = LOD

RDL = Reported Detection Limit = LOQ = PQL = EQL

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REPORT OF ANALYSIS

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

May 04, 2011

Date Received : April 28, 2011
Description : Marketplace Retail Center

Sample ID : MW-8 510@55FT

Collected By : Christopher Fell
Collection Date : 04/26/11 09:31

ESC Sample # : L513401-10

Site ID :

Project # : 81097016A

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Isopropylbenzene	U	0.00033	0.0011	mg/kg		8260B	04/29/11	1
p-Isopropyltoluene	U	0.00031	0.0011	mg/kg		8260B	04/29/11	1
2-Butanone (MEK)	U	0.0043	0.011	mg/kg		8260B	04/29/11	1
Methylene Chloride	U	0.00049	0.0055	mg/kg		8260B	04/29/11	1
4-Methyl-2-pentanone (MIBK)	U	0.0023	0.011	mg/kg		8260B	04/29/11	1
Methyl tert-butyl ether	U	0.00036	0.0011	mg/kg		8260B	04/29/11	1
Naphthalene	U	0.00028	0.0055	mg/kg		8260B	04/29/11	1
n-Propylbenzene	U	0.00032	0.0011	mg/kg		8260B	04/29/11	1
Styrene	U	0.00024	0.0011	mg/kg	J4	8260B	04/29/11	1
1,1,1,2-Tetrachloroethane	U	0.00041	0.0011	mg/kg		8260B	04/29/11	1
1,1,2,2-Tetrachloroethane	U	0.00029	0.0011	mg/kg		8260B	04/29/11	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.00085	0.0011	mg/kg		8260B	04/29/11	1
Tetrachloroethene	U	0.00044	0.0011	mg/kg		8260B	04/29/11	1
Toluene	U	0.00033	0.0055	mg/kg		8260B	04/29/11	1
1,2,3-Trichlorobenzene	U	0.00030	0.0011	mg/kg		8260B	04/29/11	1
1,2,4-Trichlorobenzene	U	0.0066	0.0011	mg/kg		8260B	04/29/11	1
1,1,1-Trichloroethane	U	0.00047	0.0011	mg/kg		8260B	04/29/11	1
1,1,2-Trichloroethane	U	0.00054	0.0011	mg/kg		8260B	04/29/11	1
Trichloroethene	U	0.00034	0.0011	mg/kg		8260B	04/29/11	1
Trichlorofluoromethane	U	0.00070	0.0055	mg/kg		8260B	04/29/11	1
1,2,3-Trichloropropane	U	0.00068	0.0028	mg/kg		8260B	04/29/11	1
1,2,4-Trimethylbenzene	U	0.00033	0.0011	mg/kg		8260B	04/29/11	1
1,2,3-Trimethylbenzene	U	0.00033	0.0011	mg/kg		8260B	04/29/11	1
1,3,5-Trimethylbenzene	U	0.00030	0.0011	mg/kg		8260B	04/29/11	1
Vinyl chloride	U	0.00052	0.0011	mg/kg		8260B	04/29/11	1
Xylenes, Total	U	0.00046	0.0033	mg/kg		8260B	04/29/11	1
Surrogate Recovery								
Toluene-d8	100.			% Rec.		8260B	04/29/11	1
Dibromofluoromethane	104.			% Rec.		8260B	04/29/11	1
a,a,a-Trifluorotoluene	100.			% Rec.		8260B	04/29/11	1
4-Bromofluorobenzene	96.1			% Rec.		8260B	04/29/11	1

Results listed are dry weight basis.

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MDL = Minimum Detection Limit = LOD

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

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

May 04, 2011

Date Received : April 28, 2011
Description : Marketplace Retail Center

Sample ID : MW-8 511@60FT

Collected By : Christopher Fell
Collection Date : 04/26/11 09:59

ESC Sample # : L513401-11

Site ID :

Project # : 81097016A

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	90.			%		2540G	05/03/11	1
Volatile Organics								
Acetone	U	0.010	0.056	mg/kg		8260B	04/30/11	1
Acrylonitrile	U	0.0026	0.011	mg/kg		8260B	04/30/11	1
Benzene	U	0.00042	0.0011	mg/kg		8260B	04/30/11	1
Bromobenzene	U	0.00030	0.0011	mg/kg		8260B	04/30/11	1
Bromodichloromethane	U	0.00034	0.0011	mg/kg		8260B	04/30/11	1
Bromoform	U	0.00033	0.0011	mg/kg		8260B	04/30/11	1
Bromomethane	U	0.0016	0.0056	mg/kg		8260B	04/30/11	1
n-Butylbenzene	U	0.00034	0.0011	mg/kg		8260B	04/30/11	1
sec-Butylbenzene	U	0.00031	0.0011	mg/kg		8260B	04/30/11	1
tert-Butylbenzene	U	0.00027	0.0011	mg/kg		8260B	04/30/11	1
Carbon tetrachloride	U	0.00042	0.0011	mg/kg		8260B	04/30/11	1
Chlorobenzene	U	0.00033	0.0011	mg/kg		8260B	04/30/11	1
Chlorodibromomethane	U	0.00031	0.0011	mg/kg		8260B	04/30/11	1
Chloroethane	U	0.0020	0.0056	mg/kg		8260B	04/30/11	1
2-Chloroethyl vinyl ether	U	0.018	0.056	mg/kg		8260B	04/30/11	1
Chloroform	U	0.00043	0.0056	mg/kg		8260B	04/30/11	1
Chloromethane	0.0069	0.0010	0.0028	mg/kg		8260B	04/30/11	1
2-Chlorotoluene	U	0.00032	0.0011	mg/kg		8260B	04/30/11	1
4-Chlorotoluene	U	0.00030	0.0011	mg/kg		8260B	04/30/11	1
1,2-Dibromo-3-Chloropropane	U	0.0011	0.0056	mg/kg		8260B	04/30/11	1
1,2-Dibromoethane	U	0.00031	0.0011	mg/kg		8260B	04/30/11	1
Dibromomethane	U	0.00045	0.0011	mg/kg		8260B	04/30/11	1
1,2-Dichlorobenzene	U	0.00031	0.0011	mg/kg		8260B	04/30/11	1
1,3-Dichlorobenzene	U	0.00029	0.0011	mg/kg		8260B	04/30/11	1
1,4-Dichlorobenzene	U	0.00035	0.0011	mg/kg		8260B	04/30/11	1
Dichlorodifluoromethane	U	0.00043	0.0056	mg/kg		8260B	04/30/11	1
1,1-Dichloroethane	U	0.00043	0.0011	mg/kg		8260B	04/30/11	1
1,2-Dichloroethane	U	0.00038	0.0011	mg/kg		8260B	04/30/11	1
1,1-Dichloroethene	U	0.00053	0.0011	mg/kg		8260B	04/30/11	1
cis-1,2-Dichloroethene	U	0.00051	0.0011	mg/kg		8260B	04/30/11	1
trans-1,2-Dichloroethene	U	0.00042	0.0011	mg/kg		8260B	04/30/11	1
1,2-Dichloropropane	U	0.00060	0.0011	mg/kg		8260B	04/30/11	1
1,1-Dichloropropene	U	0.00034	0.0011	mg/kg		8260B	04/30/11	1
1,3-Dichloropropane	U	0.00038	0.0011	mg/kg		8260B	04/30/11	1
cis-1,3-Dichloropropene	U	0.00030	0.0011	mg/kg		8260B	04/30/11	1
trans-1,3-Dichloropropene	U	0.00040	0.0011	mg/kg		8260B	04/30/11	1
2,2-Dichloropropane	U	0.00036	0.0011	mg/kg		8260B	04/30/11	1
Di-isopropyl ether	U	0.00036	0.0011	mg/kg		8260B	04/30/11	1
Ethylbenzene	U	0.00032	0.0011	mg/kg		8260B	04/30/11	1
Hexachloro-1,3-butadiene	U	0.00035	0.0011	mg/kg		8260B	04/30/11	1

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REPORT OF ANALYSIS

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

May 04, 2011

Date Received : April 28, 2011
Description : Marketplace Retail Center

Sample ID : MW-8 511@60FT

Collected By : Christopher Fell
Collection Date : 04/26/11 09:59

ESC Sample # : L513401-11

Site ID :

Project # : 81097016A

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Isopropylbenzene	U	0.00033	0.0011	mg/kg		8260B	04/30/11	1
p-Isopropyltoluene	U	0.00031	0.0011	mg/kg		8260B	04/30/11	1
2-Butanone (MEK)	U	0.0043	0.011	mg/kg		8260B	04/30/11	1
Methylene Chloride	U	0.00049	0.0056	mg/kg		8260B	04/30/11	1
4-Methyl-2-pentanone (MIBK)	U	0.0023	0.011	mg/kg		8260B	04/30/11	1
Methyl tert-butyl ether	U	0.00036	0.0011	mg/kg		8260B	04/30/11	1
Naphthalene	U	0.00028	0.0056	mg/kg		8260B	04/30/11	1
n-Propylbenzene	U	0.00032	0.0011	mg/kg		8260B	04/30/11	1
Styrene	U	0.00024	0.0011	mg/kg		8260B	04/30/11	1
1,1,1,2-Tetrachloroethane	U	0.00041	0.0011	mg/kg		8260B	04/30/11	1
1,1,2,2-Tetrachloroethane	U	0.00029	0.0011	mg/kg		8260B	04/30/11	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.00085	0.0011	mg/kg		8260B	04/30/11	1
Tetrachloroethene	0.0087	0.00044	0.0011	mg/kg		8260B	04/30/11	1
Toluene	U	0.00033	0.0056	mg/kg		8260B	04/30/11	1
1,2,3-Trichlorobenzene	U	0.00030	0.0011	mg/kg		8260B	04/30/11	1
1,2,4-Trichlorobenzene	U	0.0066	0.0011	mg/kg		8260B	04/30/11	1
1,1,1-Trichloroethane	U	0.00047	0.0011	mg/kg		8260B	04/30/11	1
1,1,2-Trichloroethane	U	0.00054	0.0011	mg/kg		8260B	04/30/11	1
Trichloroethene	U	0.00034	0.0011	mg/kg		8260B	04/30/11	1
Trichlorofluoromethane	U	0.00070	0.0056	mg/kg		8260B	04/30/11	1
1,2,3-Trichloropropane	U	0.00068	0.0028	mg/kg		8260B	04/30/11	1
1,2,4-Trimethylbenzene	U	0.00033	0.0011	mg/kg		8260B	04/30/11	1
1,2,3-Trimethylbenzene	U	0.00033	0.0011	mg/kg		8260B	04/30/11	1
1,3,5-Trimethylbenzene	U	0.00030	0.0011	mg/kg		8260B	04/30/11	1
Vinyl chloride	U	0.00052	0.0011	mg/kg		8260B	04/30/11	1
Xylenes, Total	U	0.00046	0.0033	mg/kg		8260B	04/30/11	1
Surrogate Recovery								
Toluene-d8	106.			% Rec.		8260B	04/30/11	1
Dibromofluoromethane	111.			% Rec.		8260B	04/30/11	1
a,a,a-Trifluorotoluene	105.			% Rec.		8260B	04/30/11	1
4-Bromofluorobenzene	104.			% Rec.		8260B	04/30/11	1

Results listed are dry weight basis.

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REPORT OF ANALYSIS

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

May 04, 2011

Date Received : April 28, 2011
Description : Marketplace Retail Center

Sample ID : MW-8 512@70FT

Collected By : Christopher Fell
Collection Date : 04/26/11 10:21

ESC Sample # : L513401-12

Site ID :

Project # : 81097016A

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Total Solids	86.			%		2540G	05/03/11	1
Volatile Organics								
Acetone	0.013	0.010	0.058	mg/kg	J	8260B	05/03/11	1
Acrylonitrile	U	0.0026	0.012	mg/kg		8260B	05/03/11	1
Benzene	U	0.00042	0.0012	mg/kg		8260B	05/03/11	1
Bromobenzene	U	0.00030	0.0012	mg/kg		8260B	05/03/11	1
Bromodichloromethane	U	0.00034	0.0012	mg/kg		8260B	05/03/11	1
Bromoform	U	0.00033	0.0012	mg/kg		8260B	05/03/11	1
Bromomethane	U	0.0016	0.0058	mg/kg		8260B	05/03/11	1
n-Butylbenzene	U	0.00034	0.0012	mg/kg		8260B	05/03/11	1
sec-Butylbenzene	U	0.00031	0.0012	mg/kg		8260B	05/03/11	1
tert-Butylbenzene	U	0.00027	0.0012	mg/kg		8260B	05/03/11	1
Carbon tetrachloride	U	0.00042	0.0012	mg/kg		8260B	05/03/11	1
Chlorobenzene	U	0.00033	0.0012	mg/kg		8260B	05/03/11	1
Chlorodibromomethane	U	0.00031	0.0012	mg/kg		8260B	05/03/11	1
Chloroethane	U	0.0020	0.0058	mg/kg		8260B	05/03/11	1
2-Chloroethyl vinyl ether	U	0.018	0.058	mg/kg		8260B	05/03/11	1
Chloroform	U	0.00043	0.0058	mg/kg		8260B	05/03/11	1
Chloromethane	U	0.0010	0.0029	mg/kg		8260B	05/03/11	1
2-Chlorotoluene	U	0.00032	0.0012	mg/kg		8260B	05/03/11	1
4-Chlorotoluene	U	0.00030	0.0012	mg/kg		8260B	05/03/11	1
1,2-Dibromo-3-Chloropropane	U	0.0011	0.0058	mg/kg		8260B	05/03/11	1
1,2-Dibromoethane	U	0.00031	0.0012	mg/kg		8260B	05/03/11	1
Dibromomethane	U	0.00045	0.0012	mg/kg		8260B	05/03/11	1
1,2-Dichlorobenzene	U	0.00031	0.0012	mg/kg		8260B	05/03/11	1
1,3-Dichlorobenzene	U	0.00029	0.0012	mg/kg		8260B	05/03/11	1
1,4-Dichlorobenzene	U	0.00035	0.0012	mg/kg		8260B	05/03/11	1
Dichlorodifluoromethane	U	0.00043	0.0058	mg/kg		8260B	05/03/11	1
1,1-Dichloroethane	U	0.00043	0.0012	mg/kg		8260B	05/03/11	1
1,2-Dichloroethane	U	0.00038	0.0012	mg/kg		8260B	05/03/11	1
1,1-Dichloroethene	U	0.00053	0.0012	mg/kg		8260B	05/03/11	1
cis-1,2-Dichloroethene	U	0.00051	0.0012	mg/kg		8260B	05/03/11	1
trans-1,2-Dichloroethene	U	0.00042	0.0012	mg/kg		8260B	05/03/11	1
1,2-Dichloropropane	U	0.00060	0.0012	mg/kg		8260B	05/03/11	1
1,1-Dichloropropene	U	0.00034	0.0012	mg/kg		8260B	05/03/11	1
1,3-Dichloropropane	U	0.00038	0.0012	mg/kg		8260B	05/03/11	1
cis-1,3-Dichloropropene	U	0.00030	0.0012	mg/kg		8260B	05/03/11	1
trans-1,3-Dichloropropene	U	0.00040	0.0012	mg/kg		8260B	05/03/11	1
2,2-Dichloropropane	U	0.00036	0.0012	mg/kg		8260B	05/03/11	1
Di-isopropyl ether	U	0.00036	0.0012	mg/kg		8260B	05/03/11	1
Ethylbenzene	U	0.00032	0.0012	mg/kg		8260B	05/03/11	1
Hexachloro-1,3-butadiene	U	0.00035	0.0012	mg/kg		8260B	05/03/11	1

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REPORT OF ANALYSIS

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

May 04, 2011

Date Received : April 28, 2011
Description : Marketplace Retail Center

Sample ID : MW-8 512@70FT

Collected By : Christopher Fell
Collection Date : 04/26/11 10:21

ESC Sample # : L513401-12

Site ID :

Project # : 81097016A

Parameter	Dry Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Isopropylbenzene	U	0.00033	0.0012	mg/kg		8260B	05/03/11	1
p-Isopropyltoluene	U	0.00031	0.0012	mg/kg		8260B	05/03/11	1
2-Butanone (MEK)	U	0.0043	0.012	mg/kg		8260B	05/03/11	1
Methylene Chloride	U	0.00049	0.0058	mg/kg		8260B	05/03/11	1
4-Methyl-2-pentanone (MIBK)	U	0.0023	0.012	mg/kg		8260B	05/03/11	1
Methyl tert-butyl ether	U	0.00036	0.0012	mg/kg		8260B	05/03/11	1
Naphthalene	U	0.00028	0.0058	mg/kg		8260B	05/03/11	1
n-Propylbenzene	U	0.00032	0.0012	mg/kg		8260B	05/03/11	1
Styrene	U	0.00024	0.0012	mg/kg		8260B	05/03/11	1
1,1,1,2-Tetrachloroethane	U	0.00041	0.0012	mg/kg		8260B	05/03/11	1
1,1,2,2-Tetrachloroethane	U	0.00029	0.0012	mg/kg		8260B	05/03/11	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.00085	0.0012	mg/kg		8260B	05/03/11	1
Tetrachloroethene	0.0070	0.00044	0.0012	mg/kg		8260B	05/03/11	1
Toluene	U	0.00033	0.0058	mg/kg		8260B	05/03/11	1
1,2,3-Trichlorobenzene	U	0.00030	0.0012	mg/kg		8260B	05/03/11	1
1,2,4-Trichlorobenzene	U	0.0066	0.0012	mg/kg		8260B	05/03/11	1
1,1,1-Trichloroethane	U	0.00047	0.0012	mg/kg		8260B	05/03/11	1
1,1,2-Trichloroethane	U	0.00054	0.0012	mg/kg		8260B	05/03/11	1
Trichloroethene	U	0.00034	0.0012	mg/kg		8260B	05/03/11	1
Trichlorofluoromethane	U	0.00070	0.0058	mg/kg		8260B	05/03/11	1
1,2,3-Trichloropropane	U	0.00068	0.0029	mg/kg		8260B	05/03/11	1
1,2,4-Trimethylbenzene	U	0.00033	0.0012	mg/kg		8260B	05/03/11	1
1,2,3-Trimethylbenzene	U	0.00033	0.0012	mg/kg		8260B	05/03/11	1
1,3,5-Trimethylbenzene	U	0.00030	0.0012	mg/kg		8260B	05/03/11	1
Vinyl chloride	U	0.00052	0.0012	mg/kg		8260B	05/03/11	1
Xylenes, Total	U	0.00046	0.0035	mg/kg		8260B	05/03/11	1
Surrogate Recovery								
Toluene-d8	100.			% Rec.		8260B	05/03/11	1
Dibromofluoromethane	108.			% Rec.		8260B	05/03/11	1
a,a,a-Trifluorotoluene	102.			% Rec.		8260B	05/03/11	1
4-Bromofluorobenzene	104.			% Rec.		8260B	05/03/11	1

Results listed are dry weight basis.

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Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
L513401-01	WG533313	SAMP	Styrene	R1670951	J4
L513401-02	WG533815	SAMP	Naphthalene	R1670930	J
	WG533815	SAMP	1,2,4-Trimethylbenzene	R1670930	J
L513401-03	WG533313	SAMP	Styrene	R1670951	J4
L513401-04	WG533849	SAMP	Naphthalene	R1672169	J
	WG533313	SAMP	Styrene	R1670951	J4
L513401-05	WG533313	SAMP	Styrene	R1670951	J4
L513401-06	WG533313	SAMP	Styrene	R1670951	J4
L513401-07	WG533313	SAMP	Styrene	R1670951	J4
L513401-08	WG533313	SAMP	Styrene	R1670951	J4
L513401-09	WG533313	SAMP	Styrene	R1670951	J4
L513401-10	WG533313	SAMP	Styrene	R1670951	J4
L513401-12	WG533815	SAMP	Acetone	R1670930	J

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
J	(EPA) - Estimated value below the lowest calibration point. Confidence correlates with concentration.
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.



YOUR LAB OF CHOICE

Terracon- Lynnwood, WA
Jon Einarsen
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Quality Assurance Report
Level II

L513401

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

Tax I.D. 62-0814289

Est. 1970

May 04, 2011

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
1,1,1,2-Tetrachloroethane	< .001	mg/kg			WG533560	04/30/11 20:25
1,1,1-Trichloroethane	< .001	mg/kg			WG533560	04/30/11 20:25
1,1,2,2-Tetrachloroethane	< .001	mg/kg			WG533560	04/30/11 20:25
1,1,2-Trichloroethane	< .001	mg/kg			WG533560	04/30/11 20:25
1,1,2-Trichloro-1,2,2-trifluoroethane	< .001	mg/kg			WG533560	04/30/11 20:25
1,1-Dichloroethane	< .001	mg/kg			WG533560	04/30/11 20:25
1,1-Dichloroethene	< .001	mg/kg			WG533560	04/30/11 20:25
1,1-Dichloropropene	< .001	mg/kg			WG533560	04/30/11 20:25
1,2,3-Trichlorobenzene	< .001	mg/kg			WG533560	04/30/11 20:25
1,2,3-Trichloropropane	< .0025	mg/kg			WG533560	04/30/11 20:25
1,2,3-Trimethylbenzene	< .001	mg/kg			WG533560	04/30/11 20:25
1,2,4-Trichlorobenzene	< .001	mg/kg			WG533560	04/30/11 20:25
1,2,4-Trimethylbenzene	< .001	mg/kg			WG533560	04/30/11 20:25
1,2-Dibromo-3-Chloropropane	< .005	mg/kg			WG533560	04/30/11 20:25
1,2-Dibromoethane	< .001	mg/kg			WG533560	04/30/11 20:25
1,2-Dichlorobenzene	< .001	mg/kg			WG533560	04/30/11 20:25
1,2-Dichloroethane	< .001	mg/kg			WG533560	04/30/11 20:25
1,2-Dichloropropane	< .001	mg/kg			WG533560	04/30/11 20:25
1,3,5-Trimethylbenzene	< .001	mg/kg			WG533560	04/30/11 20:25
1,3-Dichlorobenzene	< .001	mg/kg			WG533560	04/30/11 20:25
1,3-Dichloropropane	< .001	mg/kg			WG533560	04/30/11 20:25
1,4-Dichlorobenzene	< .001	mg/kg			WG533560	04/30/11 20:25
2,2-Dichloropropane	< .001	mg/kg			WG533560	04/30/11 20:25
2-Butanone (MEK)	< .01	mg/kg			WG533560	04/30/11 20:25
2-Chloroethyl vinyl ether	< .05	mg/kg			WG533560	04/30/11 20:25
2-Chlorotoluene	< .001	mg/kg			WG533560	04/30/11 20:25
4-Chlorotoluene	< .001	mg/kg			WG533560	04/30/11 20:25
4-Methyl-2-pentanone (MIBK)	< .01	mg/kg			WG533560	04/30/11 20:25
Acetone	< .05	mg/kg			WG533560	04/30/11 20:25
Acrylonitrile	< .01	mg/kg			WG533560	04/30/11 20:25
Benzene	< .001	mg/kg			WG533560	04/30/11 20:25
Bromobenzene	< .001	mg/kg			WG533560	04/30/11 20:25
Bromodichloromethane	< .001	mg/kg			WG533560	04/30/11 20:25
Bromoform	< .001	mg/kg			WG533560	04/30/11 20:25
Bromomethane	< .005	mg/kg			WG533560	04/30/11 20:25
Carbon tetrachloride	< .001	mg/kg			WG533560	04/30/11 20:25
Chlorobenzene	< .001	mg/kg			WG533560	04/30/11 20:25
Chlorodibromomethane	< .001	mg/kg			WG533560	04/30/11 20:25
Chloroethane	< .005	mg/kg			WG533560	04/30/11 20:25
Chloroform	< .005	mg/kg			WG533560	04/30/11 20:25
Chloromethane	< .0025	mg/kg			WG533560	04/30/11 20:25
cis-1,2-Dichloroethene	< .001	mg/kg			WG533560	04/30/11 20:25
cis-1,3-Dichloropropene	< .001	mg/kg			WG533560	04/30/11 20:25
Di-isopropyl ether	< .001	mg/kg			WG533560	04/30/11 20:25
Dibromomethane	< .001	mg/kg			WG533560	04/30/11 20:25
Dichlorodifluoromethane	< .005	mg/kg			WG533560	04/30/11 20:25
Ethylbenzene	< .001	mg/kg			WG533560	04/30/11 20:25
Hexachloro-1,3-butadiene	< .001	mg/kg			WG533560	04/30/11 20:25
Isopropylbenzene	< .001	mg/kg			WG533560	04/30/11 20:25
Methyl tert-butyl ether	< .001	mg/kg			WG533560	04/30/11 20:25
Methylene Chloride	< .005	mg/kg			WG533560	04/30/11 20:25
n-Butylbenzene	< .001	mg/kg			WG533560	04/30/11 20:25
n-Propylbenzene	< .001	mg/kg			WG533560	04/30/11 20:25
Naphthalene	< .005	mg/kg			WG533560	04/30/11 20:25
p-Isopropyltoluene	< .001	mg/kg			WG533560	04/30/11 20:25
sec-Butylbenzene	< .001	mg/kg			WG533560	04/30/11 20:25
Styrene	< .001	mg/kg			WG533560	04/30/11 20:25
tert-Butylbenzene	< .001	mg/kg			WG533560	04/30/11 20:25
Tetrachloroethene	< .001	mg/kg			WG533560	04/30/11 20:25

* Performance of this Analyte is outside of established criteria.

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Est. 1970

Quality Assurance Report
Level II

L513401

May 04, 2011

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
Toluene	< .005	mg/kg			WG533560	04/30/11 20:25
trans-1,2-Dichloroethene	< .001	mg/kg			WG533560	04/30/11 20:25
trans-1,3-Dichloropropene	< .001	mg/kg			WG533560	04/30/11 20:25
Trichloroethene	< .001	mg/kg			WG533560	04/30/11 20:25
Trichlorofluoromethane	< .005	mg/kg			WG533560	04/30/11 20:25
Vinyl chloride	< .001	mg/kg			WG533560	04/30/11 20:25
Xylenes, Total	< .003	mg/kg			WG533560	04/30/11 20:25
4-Bromofluorobenzene		% Rec.	105.0	59-140	WG533560	04/30/11 20:25
Dibromofluoromethane		% Rec.	106.0	63-139	WG533560	04/30/11 20:25
Toluene-d8		% Rec.	103.8	84-116	WG533560	04/30/11 20:25
a,a,a-Trifluorotoluene		% Rec.	105.3	80-118	WG533560	04/30/11 20:25
1,1,1,2-Tetrachloroethane	< .001	mg/kg			WG533815	05/03/11 02:17
1,1,1-Trichloroethane	< .001	mg/kg			WG533815	05/03/11 02:17
1,1,2,2-Tetrachloroethane	< .001	mg/kg			WG533815	05/03/11 02:17
1,1,2-Trichloroethane	< .001	mg/kg			WG533815	05/03/11 02:17
1,1,2-Trichloro-1,2,2-trifluoroethane	< .001	mg/kg			WG533815	05/03/11 02:17
1,1-Dichloroethane	< .001	mg/kg			WG533815	05/03/11 02:17
1,1-Dichloropropene	< .001	mg/kg			WG533815	05/03/11 02:17
1,2,3-Trichlorobenzene	< .001	mg/kg			WG533815	05/03/11 02:17
1,2,3-Trichloropropane	< .0025	mg/kg			WG533815	05/03/11 02:17
1,2,3-Trimethylbenzene	< .001	mg/kg			WG533815	05/03/11 02:17
1,2,4-Trichlorobenzene	< .001	mg/kg			WG533815	05/03/11 02:17
1,2,4-Trimethylbenzene	< .001	mg/kg			WG533815	05/03/11 02:17
1,2-Dibromo-3-Chloropropane	< .005	mg/kg			WG533815	05/03/11 02:17
1,2-Dibromoethane	< .001	mg/kg			WG533815	05/03/11 02:17
1,2-Dichlorobenzene	< .001	mg/kg			WG533815	05/03/11 02:17
1,2-Dichloroethane	< .001	mg/kg			WG533815	05/03/11 02:17
1,2-Dichloropropane	< .001	mg/kg			WG533815	05/03/11 02:17
1,3,5-Trimethylbenzene	< .001	mg/kg			WG533815	05/03/11 02:17
1,3-Dichlorobenzene	< .001	mg/kg			WG533815	05/03/11 02:17
1,3-Dichloropropane	< .001	mg/kg			WG533815	05/03/11 02:17
1,4-Dichlorobenzene	< .001	mg/kg			WG533815	05/03/11 02:17
2,2-Dichloropropane	< .001	mg/kg			WG533815	05/03/11 02:17
2-Butanone (MEK)	< .01	mg/kg			WG533815	05/03/11 02:17
2-Chloroethyl vinyl ether	< .05	mg/kg			WG533815	05/03/11 02:17
2-Chlorotoluene	< .001	mg/kg			WG533815	05/03/11 02:17
4-Chlorotoluene	< .001	mg/kg			WG533815	05/03/11 02:17
4-Methyl-2-pentanone (MIBK)	< .01	mg/kg			WG533815	05/03/11 02:17
Acetone	< .05	mg/kg			WG533815	05/03/11 02:17
Acrylonitrile	< .01	mg/kg			WG533815	05/03/11 02:17
Benzene	< .001	mg/kg			WG533815	05/03/11 02:17
Bromobenzene	< .001	mg/kg			WG533815	05/03/11 02:17
Bromodichloromethane	< .001	mg/kg			WG533815	05/03/11 02:17
Bromoform	< .001	mg/kg			WG533815	05/03/11 02:17
Bromomethane	< .005	mg/kg			WG533815	05/03/11 02:17
Carbon tetrachloride	< .001	mg/kg			WG533815	05/03/11 02:17
Chlorobenzene	< .001	mg/kg			WG533815	05/03/11 02:17
Chlorodibromomethane	< .001	mg/kg			WG533815	05/03/11 02:17
Chloroethane	< .005	mg/kg			WG533815	05/03/11 02:17
Chloroform	< .005	mg/kg			WG533815	05/03/11 02:17
Chloromethane	< .0025	mg/kg			WG533815	05/03/11 02:17
cis-1,2-Dichloroethene	< .001	mg/kg			WG533815	05/03/11 02:17
cis-1,3-Dichloropropene	< .001	mg/kg			WG533815	05/03/11 02:17
Di-isopropyl ether	< .001	mg/kg			WG533815	05/03/11 02:17
Dibromomethane	< .001	mg/kg			WG533815	05/03/11 02:17
Dichlorodifluoromethane	< .005	mg/kg			WG533815	05/03/11 02:17

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Tax I.D. 62-0814289

Est. 1970

May 04, 2011

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
Ethylbenzene	< .001	mg/kg			WG533815	05/03/11 02:17
Hexachloro-1,3-butadiene	< .001	mg/kg			WG533815	05/03/11 02:17
Isopropylbenzene	< .001	mg/kg			WG533815	05/03/11 02:17
Methyl tert-butyl ether	< .001	mg/kg			WG533815	05/03/11 02:17
Methylene Chloride	< .005	mg/kg			WG533815	05/03/11 02:17
n-Butylbenzene	< .001	mg/kg			WG533815	05/03/11 02:17
n-Propylbenzene	< .001	mg/kg			WG533815	05/03/11 02:17
Naphthalene	< .005	mg/kg			WG533815	05/03/11 02:17
p-Isopropyltoluene	< .001	mg/kg			WG533815	05/03/11 02:17
sec-Butylbenzene	< .001	mg/kg			WG533815	05/03/11 02:17
Styrene	< .001	mg/kg			WG533815	05/03/11 02:17
tert-Butylbenzene	< .001	mg/kg			WG533815	05/03/11 02:17
Tetrachloroethene	< .001	mg/kg			WG533815	05/03/11 02:17
Toluene	< .005	mg/kg			WG533815	05/03/11 02:17
trans-1,2-Dichloroethene	< .001	mg/kg			WG533815	05/03/11 02:17
trans-1,3-Dichloropropene	< .001	mg/kg			WG533815	05/03/11 02:17
Trichloroethene	< .001	mg/kg			WG533815	05/03/11 02:17
Trichlorofluoromethane	< .005	mg/kg			WG533815	05/03/11 02:17
Vinyl chloride	< .001	mg/kg			WG533815	05/03/11 02:17
Xylenes, Total	< .003	mg/kg			WG533815	05/03/11 02:17
4-Bromofluorobenzene		% Rec.	101.6	59-140	WG533815	05/03/11 02:17
Dibromofluoromethane		% Rec.	99.26	63-139	WG533815	05/03/11 02:17
Toluene-d8		% Rec.	100.8	84-116	WG533815	05/03/11 02:17
a,a,a-Trifluorotoluene		% Rec.	105.4	80-118	WG533815	05/03/11 02:17
1,1,1,2-Tetrachloroethane	< .001	mg/kg			WG533313	04/29/11 04:46
1,1,1-Trichloroethane	< .001	mg/kg			WG533313	04/29/11 04:46
1,1,2,2-Tetrachloroethane	< .001	mg/kg			WG533313	04/29/11 04:46
1,1,2-Trichloroethane	< .001	mg/kg			WG533313	04/29/11 04:46
1,1,2-Trichloro-1,2,2-trifluoroethane	< .001	mg/kg			WG533313	04/29/11 04:46
1,1-Dichloroethane	< .001	mg/kg			WG533313	04/29/11 04:46
1,1-Dichloroethene	< .001	mg/kg			WG533313	04/29/11 04:46
1,1-Dichloropropene	< .001	mg/kg			WG533313	04/29/11 04:46
1,2,3-Trichlorobenzene	< .001	mg/kg			WG533313	04/29/11 04:46
1,2,3-Trichloropropane	< .0025	mg/kg			WG533313	04/29/11 04:46
1,2,3-Trimethylbenzene	< .001	mg/kg			WG533313	04/29/11 04:46
1,2,4-Trichlorobenzene	< .001	mg/kg			WG533313	04/29/11 04:46
1,2,4-Trimethylbenzene	< .001	mg/kg			WG533313	04/29/11 04:46
1,2-Dibromo-3-Chloropropane	< .005	mg/kg			WG533313	04/29/11 04:46
1,2-Dibromoethane	< .001	mg/kg			WG533313	04/29/11 04:46
1,2-Dichlorobenzene	< .001	mg/kg			WG533313	04/29/11 04:46
1,2-Dichloroethane	< .001	mg/kg			WG533313	04/29/11 04:46
1,2-Dichloropropane	< .001	mg/kg			WG533313	04/29/11 04:46
1,3,5-Trimethylbenzene	< .001	mg/kg			WG533313	04/29/11 04:46
1,3-Dichlorobenzene	< .001	mg/kg			WG533313	04/29/11 04:46
1,3-Dichloropropane	< .001	mg/kg			WG533313	04/29/11 04:46
1,4-Dichlorobenzene	< .001	mg/kg			WG533313	04/29/11 04:46
2,2-Dichloropropane	< .001	mg/kg			WG533313	04/29/11 04:46
2-Butanone (MEK)	< .01	mg/kg			WG533313	04/29/11 04:46
2-Chloroethyl vinyl ether	< .05	mg/kg			WG533313	04/29/11 04:46
2-Chlorotoluene	< .001	mg/kg			WG533313	04/29/11 04:46
4-Chlorotoluene	< .001	mg/kg			WG533313	04/29/11 04:46
4-Methyl-2-pentanone (MIBK)	< .01	mg/kg			WG533313	04/29/11 04:46
Acetone	< .05	mg/kg			WG533313	04/29/11 04:46
Acrylonitrile	< .01	mg/kg			WG533313	04/29/11 04:46
Benzene	< .001	mg/kg			WG533313	04/29/11 04:46
Bromobenzene	< .001	mg/kg			WG533313	04/29/11 04:46
Bromodichloromethane	< .001	mg/kg			WG533313	04/29/11 04:46

* Performance of this Analyte is outside of established criteria.

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Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
Bromoform	< .001	mg/kg			WG533313	04/29/11 04:46
Bromomethane	< .005	mg/kg			WG533313	04/29/11 04:46
Carbon tetrachloride	< .001	mg/kg			WG533313	04/29/11 04:46
Chlorobenzene	< .001	mg/kg			WG533313	04/29/11 04:46
Chlorodibromomethane	< .001	mg/kg			WG533313	04/29/11 04:46
Chloroethane	< .005	mg/kg			WG533313	04/29/11 04:46
Chloroform	< .005	mg/kg			WG533313	04/29/11 04:46
Chloromethane	< .0025	mg/kg			WG533313	04/29/11 04:46
cis-1,2-Dichloroethene	< .001	mg/kg			WG533313	04/29/11 04:46
cis-1,3-Dichloropropene	< .001	mg/kg			WG533313	04/29/11 04:46
Di-isopropyl ether	< .001	mg/kg			WG533313	04/29/11 04:46
Dibromomethane	< .001	mg/kg			WG533313	04/29/11 04:46
Dichlorodifluoromethane	< .005	mg/kg			WG533313	04/29/11 04:46
Ethylbenzene	< .001	mg/kg			WG533313	04/29/11 04:46
Hexachloro-1,3-butadiene	< .001	mg/kg			WG533313	04/29/11 04:46
Isopropylbenzene	< .001	mg/kg			WG533313	04/29/11 04:46
Methyl tert-butyl ether	< .001	mg/kg			WG533313	04/29/11 04:46
Methylene Chloride	< .005	mg/kg			WG533313	04/29/11 04:46
n-Butylbenzene	< .001	mg/kg			WG533313	04/29/11 04:46
n-Propylbenzene	< .001	mg/kg			WG533313	04/29/11 04:46
Naphthalene	< .005	mg/kg			WG533313	04/29/11 04:46
p-Isopropyltoluene	< .001	mg/kg			WG533313	04/29/11 04:46
sec-Butylbenzene	< .001	mg/kg			WG533313	04/29/11 04:46
Styrene	< .001	mg/kg			WG533313	04/29/11 04:46
tert-Butylbenzene	< .001	mg/kg			WG533313	04/29/11 04:46
Tetrachloroethene	< .001	mg/kg			WG533313	04/29/11 04:46
Toluene	< .005	mg/kg			WG533313	04/29/11 04:46
trans-1,2-Dichloroethene	< .001	mg/kg			WG533313	04/29/11 04:46
trans-1,3-Dichloropropene	< .001	mg/kg			WG533313	04/29/11 04:46
Trichloroethene	< .001	mg/kg			WG533313	04/29/11 04:46
Trichlorofluoromethane	< .005	mg/kg			WG533313	04/29/11 04:46
Vinyl chloride	< .001	mg/kg			WG533313	04/29/11 04:46
Xylenes, Total	< .003	mg/kg			WG533313	04/29/11 04:46
4-Bromofluorobenzene		% Rec.	100.9	59-140	WG533313	04/29/11 04:46
Dibromofluoromethane		% Rec.	100.1	63-139	WG533313	04/29/11 04:46
Toluene-d8		% Rec.	100.5	84-116	WG533313	04/29/11 04:46
a,a,a-Trifluorotoluene		% Rec.	101.7	80-118	WG533313	04/29/11 04:46
Total Solids	< .1	%			WG533588	05/03/11 11:17
Total Solids	< .1	%			WG533589	05/03/11 13:49
1,2,3-Trichlorobenzene	< .001	mg/kg			WG533849	05/03/11 14:52
n-Butylbenzene	< .001	mg/kg			WG533849	05/03/11 14:52
Naphthalene	< .005	mg/kg			WG533849	05/03/11 14:52
p-Isopropyltoluene	< .001	mg/kg			WG533849	05/03/11 14:52
4-Bromofluorobenzene		% Rec.	108.2	59-140	WG533849	05/03/11 14:52
Dibromofluoromethane		% Rec.	95.38	63-139	WG533849	05/03/11 14:52
Toluene-d8		% Rec.	104.1	84-116	WG533849	05/03/11 14:52
a,a,a-Trifluorotoluene		% Rec.	112.0	80-118	WG533849	05/03/11 14:52

Analyte	Units	Result	Duplicate		RPD	Limit	Ref Samp	Batch
			Duplicate					
Total Solids	%	90.0	90.4		0.835	5	L513401-10	WG533588

* Performance of this Analyte is outside of established criteria.

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Quality Assurance Report
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L513401

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Tax I.D. 62-0814289

Est. 1970

May 04, 2011

Analyte	Units	Result	Duplicate		RPD	Limit	Ref Samp	Batch
			Duplicate					
Total Solids	%	93.0	92.9		0.320	5	L513427-08	WG533589

Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
1,1,1,2-Tetrachloroethane	mg/kg	.025	0.0270	108.	73-134	WG533560
1,1,1-Trichloroethane	mg/kg	.025	0.0310	124.	62-135	WG533560
1,1,2,2-Tetrachloroethane	mg/kg	.025	0.0265	106.	74-129	WG533560
1,1,2-Trichloroethane	mg/kg	.025	0.0259	103.	77-124	WG533560
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	.025	0.0347	139.	49-155	WG533560
1,1-Dichloroethane	mg/kg	.025	0.0290	116.	61-134	WG533560
1,1-Dichloroethene	mg/kg	.025	0.0304	122.	53-136	WG533560
1,1-Dichloropropene	mg/kg	.025	0.0281	112.	63-132	WG533560
1,2,3-Trichlorobenzene	mg/kg	.025	0.0244	97.5	62-146	WG533560
1,2,3-Trichloropropane	mg/kg	.025	0.0281	112.	70-133	WG533560
1,2,3-Trimethylbenzene	mg/kg	.025	0.0257	103.	73-126	WG533560
1,2,4-Trichlorobenzene	mg/kg	.025	0.0255	102.	61-148	WG533560
1,2,4-Trimethylbenzene	mg/kg	.025	0.0268	107.	68-135	WG533560
1,2-Dibromo-3-Chloropropane	mg/kg	.025	0.0248	99.2	61-134	WG533560
1,2-Dibromoethane	mg/kg	.025	0.0255	102.	76-127	WG533560
1,2-Dichlorobenzene	mg/kg	.025	0.0255	102.	77-123	WG533560
1,2-Dichloroethane	mg/kg	.025	0.0289	116.	58-141	WG533560
1,2-Dichloropropane	mg/kg	.025	0.0263	105.	71-128	WG533560
1,3,5-Trimethylbenzene	mg/kg	.025	0.0277	111.	71-133	WG533560
1,3-Dichlorobenzene	mg/kg	.025	0.0266	106.	71-132	WG533560
1,3-Dichloropropane	mg/kg	.025	0.0254	102.	76-120	WG533560
1,4-Dichlorobenzene	mg/kg	.025	0.0260	104.	72-123	WG533560
2,2-Dichloropropane	mg/kg	.025	0.0292	117.	50-147	WG533560
2-Butanone (MEK)	mg/kg	.125	0.147	117.	51-131	WG533560
2-Chloroethyl vinyl ether	mg/kg	.125	0.122	98.0	0-188	WG533560
2-Chlorotoluene	mg/kg	.025	0.0264	106.	73-128	WG533560
4-Chlorotoluene	mg/kg	.025	0.0267	107.	72-129	WG533560
4-Methyl-2-pentanone (MIBK)	mg/kg	.125	0.165	132.	61-143	WG533560
Acetone	mg/kg	.125	0.155	124.	44-140	WG533560
Acrylonitrile	mg/kg	.125	0.145	116.	55-143	WG533560
Benzene	mg/kg	.025	0.0274	110.	65-128	WG533560
Bromobenzene	mg/kg	.025	0.0261	105.	75-123	WG533560
Bromodichloromethane	mg/kg	.025	0.0273	109.	66-126	WG533560
Bromoform	mg/kg	.025	0.0287	115.	64-139	WG533560
Bromomethane	mg/kg	.025	0.0293	117.	41-175	WG533560
Carbon tetrachloride	mg/kg	.025	0.0314	126.	60-140	WG533560
Chlorobenzene	mg/kg	.025	0.0256	102.	75-125	WG533560
Chlorodibromomethane	mg/kg	.025	0.0263	105.	72-137	WG533560
Chloroethane	mg/kg	.025	0.0313	125.	44-159	WG533560
Chloroform	mg/kg	.025	0.0295	118.	63-123	WG533560
Chloromethane	mg/kg	.025	0.0269	108.	42-149	WG533560
cis-1,2-Dichloroethene	mg/kg	.025	0.0271	108.	71-129	WG533560
cis-1,3-Dichloropropene	mg/kg	.025	0.0276	111.	73-132	WG533560
Di-isopropyl ether	mg/kg	.025	0.0290	116.	59-143	WG533560
Dibromomethane	mg/kg	.025	0.0263	105.	70-130	WG533560
Dichlorodifluoromethane	mg/kg	.025	0.0290	116.	26-186	WG533560
Ethylbenzene	mg/kg	.025	0.0265	106.	74-128	WG533560
Hexachloro-1,3-butadiene	mg/kg	.025	0.0245	98.1	65-137	WG533560
Isopropylbenzene	mg/kg	.025	0.0289	116.	73-130	WG533560
Methyl tert-butyl ether	mg/kg	.025	0.0294	118.	44-148	WG533560
Methylene Chloride	mg/kg	.025	0.0272	109.	57-129	WG533560
n-Butylbenzene	mg/kg	.025	0.0275	110.	60-145	WG533560
n-Propylbenzene	mg/kg	.025	0.0278	111.	71-132	WG533560

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Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
Naphthalene	mg/kg	.025	0.0243	97.4	61-142	WG533560
p-Isopropyltoluene	mg/kg	.025	0.0282	113.	67-138	WG533560
sec-Butylbenzene	mg/kg	.025	0.0276	111.	71-134	WG533560
Styrene	mg/kg	.025	0.0192	76.7	76-133	WG533560
tert-Butylbenzene	mg/kg	.025	0.0267	107.	72-132	WG533560
Tetrachloroethene	mg/kg	.025	0.0256	102.	65-135	WG533560
Toluene	mg/kg	.025	0.0272	109.	70-120	WG533560
trans-1,2-Dichloroethene	mg/kg	.025	0.0272	109.	61-133	WG533560
trans-1,3-Dichloropropene	mg/kg	.025	0.0268	107.	70-135	WG533560
Trichloroethene	mg/kg	.025	0.0259	103.	71-126	WG533560
Trichlorofluoromethane	mg/kg	.025	0.0323	129.	52-147	WG533560
Vinyl chloride	mg/kg	.025	0.0258	103.	50-151	WG533560
Xylenes, Total	mg/kg	.075	0.0797	106.	74-127	WG533560
4-Bromofluorobenzene				100.0	59-140	WG533560
Dibromofluoromethane				110.3	63-139	WG533560
Toluene-d8				104.1	84-116	WG533560
a,a,a-Trifluorotoluene				102.8	80-118	WG533560
1,1,1,2-Tetrachloroethane	mg/kg	.025	0.0244	97.5	73-134	WG533815
1,1,1-Trichloroethane	mg/kg	.025	0.0247	98.8	62-135	WG533815
1,1,2,2-Tetrachloroethane	mg/kg	.025	0.0259	104.	74-129	WG533815
1,1,2-Trichloroethane	mg/kg	.025	0.0228	91.4	77-124	WG533815
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	.025	0.0247	98.7	49-155	WG533815
1,1-Dichloroethane	mg/kg	.025	0.0246	98.6	61-134	WG533815
1,1-Dichloroethene	mg/kg	.025	0.0240	96.0	53-136	WG533815
1,1-Dichloropropene	mg/kg	.025	0.0243	97.4	63-132	WG533815
1,2,3-Trichlorobenzene	mg/kg	.025	0.0257	103.	62-146	WG533815
1,2,3-Trichloropropane	mg/kg	.025	0.0257	103.	70-133	WG533815
1,2,3-Trimethylbenzene	mg/kg	.025	0.0232	93.0	73-126	WG533815
1,2,4-Trichlorobenzene	mg/kg	.025	0.0247	98.9	61-148	WG533815
1,2,4-Trimethylbenzene	mg/kg	.025	0.0237	95.0	68-135	WG533815
1,2-Dibromo-3-Chloropropane	mg/kg	.025	0.0248	99.1	61-134	WG533815
1,2-Dibromoethane	mg/kg	.025	0.0229	91.7	76-127	WG533815
1,2-Dichlorobenzene	mg/kg	.025	0.0236	94.5	77-123	WG533815
1,2-Dichloroethane	mg/kg	.025	0.0244	97.7	58-141	WG533815
1,2-Dichloropropane	mg/kg	.025	0.0225	89.8	71-128	WG533815
1,3,5-Trimethylbenzene	mg/kg	.025	0.0230	92.1	71-133	WG533815
1,3-Dichlorobenzene	mg/kg	.025	0.0231	92.3	71-132	WG533815
1,3-Dichloropropane	mg/kg	.025	0.0224	89.5	76-120	WG533815
1,4-Dichlorobenzene	mg/kg	.025	0.0221	88.4	72-123	WG533815
2,2-Dichloropropane	mg/kg	.025	0.0263	105.	50-147	WG533815
2-Butanone (MEK)	mg/kg	.125	0.119	95.3	51-131	WG533815
2-Chloroethyl vinyl ether	mg/kg	.125	0.117	93.6	0-188	WG533815
2-Chlorotoluene	mg/kg	.025	0.0227	90.8	73-128	WG533815
4-Chlorotoluene	mg/kg	.025	0.0226	90.6	72-129	WG533815
4-Methyl-2-pentanone (MIBK)	mg/kg	.125	0.127	102.	61-143	WG533815
Acetone	mg/kg	.125	0.121	97.0	44-140	WG533815
Acrylonitrile	mg/kg	.125	0.133	106.	55-143	WG533815
Benzene	mg/kg	.025	0.0235	93.8	65-128	WG533815
Bromobenzene	mg/kg	.025	0.0226	90.3	75-123	WG533815
Bromodichloromethane	mg/kg	.025	0.0237	94.9	66-126	WG533815
Bromoform	mg/kg	.025	0.0233	93.1	64-139	WG533815
Bromomethane	mg/kg	.025	0.0209	83.5	41-175	WG533815
Carbon tetrachloride	mg/kg	.025	0.0232	92.7	60-140	WG533815
Chlorobenzene	mg/kg	.025	0.0230	92.1	75-125	WG533815
Chlorodibromomethane	mg/kg	.025	0.0236	94.6	72-137	WG533815
Chloroethane	mg/kg	.025	0.0218	87.1	44-159	WG533815
Chloroform	mg/kg	.025	0.0246	98.3	63-123	WG533815

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Est. 1970

May 04, 2011

Analyte	Units	Laboratory Control	Sample	% Rec	Limit	Batch
		Known Val	Result			
Chloromethane	mg/kg	.025	0.0222	88.8	42-149	WG533815
cis-1,2-Dichloroethene	mg/kg	.025	0.0243	97.3	71-129	WG533815
cis-1,3-Dichloropropene	mg/kg	.025	0.0227	90.6	73-132	WG533815
Di-isopropyl ether	mg/kg	.025	0.0233	93.4	59-143	WG533815
Dibromomethane	mg/kg	.025	0.0252	101.	70-130	WG533815
Dichlorodifluoromethane	mg/kg	.025	0.0214	85.6	26-186	WG533815
Ethylbenzene	mg/kg	.025	0.0223	89.2	74-128	WG533815
Hexachloro-1,3-butadiene	mg/kg	.025	0.0250	100.	65-137	WG533815
Isopropylbenzene	mg/kg	.025	0.0234	93.6	73-130	WG533815
Methyl tert-butyl ether	mg/kg	.025	0.0260	104.	44-148	WG533815
Methylene Chloride	mg/kg	.025	0.0265	106.	57-129	WG533815
n-Butylbenzene	mg/kg	.025	0.0228	91.4	60-145	WG533815
n-Propylbenzene	mg/kg	.025	0.0228	91.0	71-132	WG533815
Naphthalene	mg/kg	.025	0.0260	104.	61-142	WG533815
p-Isopropyltoluene	mg/kg	.025	0.0239	95.6	67-138	WG533815
sec-Butylbenzene	mg/kg	.025	0.0230	92.0	71-134	WG533815
Styrene	mg/kg	.025	0.0230	91.9	76-133	WG533815
tert-Butylbenzene	mg/kg	.025	0.0238	95.0	72-132	WG533815
Tetrachloroethene	mg/kg	.025	0.0228	91.1	65-135	WG533815
Toluene	mg/kg	.025	0.0228	91.0	70-120	WG533815
trans-1,2-Dichloroethene	mg/kg	.025	0.0250	100.	61-133	WG533815
trans-1,3-Dichloropropene	mg/kg	.025	0.0234	93.7	70-135	WG533815
Trichloroethene	mg/kg	.025	0.0247	98.9	71-126	WG533815
Trichlorofluoromethane	mg/kg	.025	0.0217	86.9	52-147	WG533815
Vinyl chloride	mg/kg	.025	0.0210	83.8	50-151	WG533815
Xylenes, Total	mg/kg	.075	0.0693	92.3	74-127	WG533815
4-Bromofluorobenzene				98.19	59-140	WG533815
Dibromofluoromethane				105.8	63-139	WG533815
Toluene-d8				98.76	84-116	WG533815
a,a,a-Trifluorotoluene				105.9	80-118	WG533815
1,1,1,2-Tetrachloroethane	mg/kg	.025	0.0254	102.	73-134	WG533313
1,1,1-Trichloroethane	mg/kg	.025	0.0245	97.8	62-135	WG533313
1,1,2,2-Tetrachloroethane	mg/kg	.025	0.0220	87.9	74-129	WG533313
1,1,2-Trichloroethane	mg/kg	.025	0.0227	91.0	77-124	WG533313
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	.025	0.0305	122.	49-155	WG533313
1,1-Dichloroethane	mg/kg	.025	0.0229	91.5	61-134	WG533313
1,1-Dichloroethene	mg/kg	.025	0.0253	101.	53-136	WG533313
1,1-Dichloropropene	mg/kg	.025	0.0220	88.1	63-132	WG533313
1,2,3-Trichlorobenzene	mg/kg	.025	0.0241	96.6	62-146	WG533313
1,2,3-Trichloropropane	mg/kg	.025	0.0229	91.6	70-133	WG533313
1,2,3-Trimethylbenzene	mg/kg	.025	0.0229	91.8	73-126	WG533313
1,2,4-Trichlorobenzene	mg/kg	.025	0.0254	102.	61-148	WG533313
1,2,4-Trimethylbenzene	mg/kg	.025	0.0243	97.4	68-135	WG533313
1,2-Dibromo-3-Chloropropane	mg/kg	.025	0.0228	91.2	61-134	WG533313
1,2-Dibromoethane	mg/kg	.025	0.0230	91.9	76-127	WG533313
1,2-Dichlorobenzene	mg/kg	.025	0.0235	93.9	77-123	WG533313
1,2-Dichloroethane	mg/kg	.025	0.0217	86.8	58-141	WG533313
1,2-Dichloropropane	mg/kg	.025	0.0215	85.8	71-128	WG533313
1,3,5-Trimethylbenzene	mg/kg	.025	0.0252	101.	71-133	WG533313
1,3-Dichlorobenzene	mg/kg	.025	0.0250	99.9	71-132	WG533313
1,3-Dichloropropane	mg/kg	.025	0.0220	88.0	76-120	WG533313
1,4-Dichlorobenzene	mg/kg	.025	0.0243	97.0	72-123	WG533313
2,2-Dichloropropane	mg/kg	.025	0.0247	98.8	50-147	WG533313
2-Butanone (MEK)	mg/kg	.125	0.0942	75.4	51-131	WG533313
2-Chloroethyl vinyl ether	mg/kg	.125	0.106	84.7	0-188	WG533313
2-Chlorotoluene	mg/kg	.025	0.0238	95.0	73-128	WG533313
4-Chlorotoluene	mg/kg	.025	0.0244	97.5	72-129	WG533313

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Analyte	Units	Laboratory Control Known Val	Sample Result	% Rec	Limit	Batch
4-Methyl-2-pentanone (MIBK)	mg/kg	.125	0.117	93.4	61-143	WG533313
Acetone	mg/kg	.125	0.102	81.4	44-140	WG533313
Acrylonitrile	mg/kg	.125	0.109	87.2	55-143	WG533313
Benzene	mg/kg	.025	0.0211	84.5	65-128	WG533313
Bromobenzene	mg/kg	.025	0.0234	93.4	75-123	WG533313
Bromodichloromethane	mg/kg	.025	0.0212	84.9	66-126	WG533313
Bromoform	mg/kg	.025	0.0247	98.7	64-139	WG533313
Bromomethane	mg/kg	.025	0.0222	88.8	41-175	WG533313
Carbon tetrachloride	mg/kg	.025	0.0238	95.3	60-140	WG533313
Chlorobenzene	mg/kg	.025	0.0235	94.0	75-125	WG533313
Chlorodibromomethane	mg/kg	.025	0.0243	97.3	72-137	WG533313
Chloroethane	mg/kg	.025	0.0207	82.8	44-159	WG533313
Chloroform	mg/kg	.025	0.0226	90.4	63-123	WG533313
Chloromethane	mg/kg	.025	0.0202	80.7	42-149	WG533313
cis-1,2-Dichloroethene	mg/kg	.025	0.0212	84.8	71-129	WG533313
cis-1,3-Dichloropropene	mg/kg	.025	0.0215	86.0	73-132	WG533313
Di-isopropyl ether	mg/kg	.025	0.0243	97.3	59-143	WG533313
Dibromomethane	mg/kg	.025	0.0213	85.2	70-130	WG533313
Dichlorodifluoromethane	mg/kg	.025	0.0178	71.1	26-186	WG533313
Ethylbenzene	mg/kg	.025	0.0249	99.5	74-128	WG533313
Hexachloro-1,3-butadiene	mg/kg	.025	0.0257	103.	65-137	WG533313
Isopropylbenzene	mg/kg	.025	0.0275	110.	73-130	WG533313
Methyl tert-butyl ether	mg/kg	.025	0.0217	86.7	44-148	WG533313
Methylene Chloride	mg/kg	.025	0.0207	83.0	57-129	WG533313
n-Butylbenzene	mg/kg	.025	0.0249	99.6	60-145	WG533313
n-Propylbenzene	mg/kg	.025	0.0253	101.	71-132	WG533313
Naphthalene	mg/kg	.025	0.0225	90.0	61-142	WG533313
p-Isopropyltoluene	mg/kg	.025	0.0262	105.	67-138	WG533313
sec-Butylbenzene	mg/kg	.025	0.0259	104.	71-134	WG533313
Styrene	mg/kg	.025	0.0182	72.7*	76-133	WG533313
tert-Butylbenzene	mg/kg	.025	0.0258	103.	72-132	WG533313
Tetrachloroethene	mg/kg	.025	0.0260	104.	65-135	WG533313
Toluene	mg/kg	.025	0.0217	86.9	70-120	WG533313
trans-1,2-Dichloroethene	mg/kg	.025	0.0219	87.4	61-133	WG533313
trans-1,3-Dichloropropene	mg/kg	.025	0.0214	85.6	70-135	WG533313
Trichloroethene	mg/kg	.025	0.0227	90.9	71-126	WG533313
Trichlorofluoromethane	mg/kg	.025	0.0241	96.3	52-147	WG533313
Vinyl chloride	mg/kg	.025	0.0199	79.4	50-151	WG533313
Xylenes, Total	mg/kg	.075	0.0729	97.2	74-127	WG533313
4-Bromofluorobenzene				98.44	59-140	WG533313
Dibromofluoromethane				99.60	63-139	WG533313
Toluene-d8				100.6	84-116	WG533313
a,a,a-Trifluorotoluene				101.6	80-118	WG533313
Total Solids	%	50	50.0	100.	85-155	WG533588
Total Solids	%	50	50.0	100.	85-155	WG533589
1,2,3-Trichlorobenzene	mg/kg	.025	0.0196	78.4	62-146	WG533849
n-Butylbenzene	mg/kg	.025	0.0199	79.8	60-145	WG533849
Naphthalene	mg/kg	.025	0.0179	71.4	61-142	WG533849
p-Isopropyltoluene	mg/kg	.025	0.0213	85.2	67-138	WG533849
4-Bromofluorobenzene				100.9	59-140	WG533849
Dibromofluoromethane				98.52	63-139	WG533849
Toluene-d8				106.0	84-116	WG533849
a,a,a-Trifluorotoluene				113.4	80-118	WG533849

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Tax I.D. 62-0814289

Est. 1970

Quality Assurance Report
Level II

L513401

May 04, 2011

Analyte	Units	Laboratory Control Sample Duplicate			Limit	RPD	Limit	Batch
		Result	Ref	%Rec				
1,1,1,2-Tetrachloroethane	mg/kg	0.0282	0.0270	113.	73-134	4.41	20	WG533560
1,1,1-Trichloroethane	mg/kg	0.0307	0.0310	123.	62-135	0.960	20	WG533560
1,1,2,2-Tetrachloroethane	mg/kg	0.0278	0.0265	111.	74-129	4.83	20	WG533560
1,1,2-Trichloroethane	mg/kg	0.0271	0.0259	108.	77-124	4.55	20	WG533560
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0351	0.0347	140.	49-155	1.04	20	WG533560
1,1-Dichloroethane	mg/kg	0.0299	0.0290	120.	61-134	3.04	20	WG533560
1,1-Dichloroethene	mg/kg	0.0314	0.0304	125.	53-136	2.97	20	WG533560
1,1-Dichloropropene	mg/kg	0.0281	0.0281	112.	63-132	0.0700	20	WG533560
1,2,3-Trichlorobenzene	mg/kg	0.0261	0.0244	104.	62-146	7.06	20	WG533560
1,2,3-Trichloropropane	mg/kg	0.0294	0.0281	118.	70-133	4.53	20	WG533560
1,2,3-Trimethylbenzene	mg/kg	0.0267	0.0257	107.	73-126	3.65	20	WG533560
1,2,4-Trichlorobenzene	mg/kg	0.0272	0.0255	109.	61-148	6.49	20	WG533560
1,2,4-Trimethylbenzene	mg/kg	0.0275	0.0268	110.	68-135	2.77	20	WG533560
1,2-Dibromo-3-Chloropropane	mg/kg	0.0267	0.0248	107.	61-134	7.46	21	WG533560
1,2-Dibromoethane	mg/kg	0.0261	0.0255	104.	76-127	2.59	20	WG533560
1,2-Dichlorobenzene	mg/kg	0.0264	0.0255	105.	77-123	3.46	20	WG533560
1,2-Dichloroethane	mg/kg	0.0298	0.0289	119.	58-141	3.10	20	WG533560
1,2-Dichloropropane	mg/kg	0.0272	0.0263	109.	71-128	3.33	20	WG533560
1,3,5-Trimethylbenzene	mg/kg	0.0283	0.0277	113.	71-133	2.32	20	WG533560
1,3-Dichlorobenzene	mg/kg	0.0277	0.0266	111.	71-132	4.12	20	WG533560
1,3-Dichloropropane	mg/kg	0.0262	0.0254	105.	76-120	3.18	20	WG533560
1,4-Dichlorobenzene	mg/kg	0.0270	0.0260	108.	72-123	3.88	20	WG533560
2,2-Dichloropropane	mg/kg	0.0297	0.0292	119.	50-147	1.74	20	WG533560
2-Butanone (MEK)	mg/kg	0.153	0.147	122.	51-131	4.29	25	WG533560
2-Chloroethyl vinyl ether	mg/kg	0.123	0.122	98.0	0-188	0.110	39	WG533560
2-Chlorotoluene	mg/kg	0.0269	0.0264	108.	73-128	1.95	20	WG533560
4-Chlorotoluene	mg/kg	0.0273	0.0267	109.	72-129	2.17	20	WG533560
4-Methyl-2-pentanone (MIBK)	mg/kg	0.173	0.165	138.	61-143	5.05	23	WG533560
Acetone	mg/kg	0.161	0.155	129.	44-140	3.55	25	WG533560
Acrylonitrile	mg/kg	0.153	0.145	122.	55-143	5.40	20	WG533560
Benzene	mg/kg	0.0281	0.0274	112.	65-128	2.22	20	WG533560
Bromobenzene	mg/kg	0.0267	0.0261	107.	75-123	2.14	20	WG533560
Bromodichloromethane	mg/kg	0.0281	0.0273	112.	66-126	2.84	20	WG533560
Bromoform	mg/kg	0.0297	0.0287	119.	64-139	3.38	20	WG533560
Bromomethane	mg/kg	0.0297	0.0293	119.	41-175	1.35	20	WG533560
Carbon tetrachloride	mg/kg	0.0312	0.0314	125.	60-140	0.620	20	WG533560
Chlorobenzene	mg/kg	0.0260	0.0256	104.	75-125	1.60	20	WG533560
Chlorodibromomethane	mg/kg	0.0272	0.0263	109.	72-137	3.51	20	WG533560
Chloroethane	mg/kg	0.0322	0.0313	129.	44-159	2.79	20	WG533560
Chloroform	mg/kg	0.0303	0.0295	121.	63-123	2.71	20	WG533560
Chloromethane	mg/kg	0.0276	0.0269	110.	42-149	2.73	20	WG533560
cis-1,2-Dichloroethene	mg/kg	0.0281	0.0271	112.	71-129	3.90	20	WG533560
cis-1,3-Dichloropropene	mg/kg	0.0284	0.0276	114.	73-132	2.92	20	WG533560
Di-isopropyl ether	mg/kg	0.0299	0.0290	120.	59-143	3.05	20	WG533560
Dibromomethane	mg/kg	0.0276	0.0263	110.	70-130	4.70	20	WG533560
Dichlorodifluoromethane	mg/kg	0.0304	0.0290	122.	26-186	4.63	22	WG533560
Ethylbenzene	mg/kg	0.0267	0.0265	107.	74-128	0.860	20	WG533560
Hexachloro-1,3-butadiene	mg/kg	0.0256	0.0245	102.	65-137	4.37	20	WG533560
Isopropylbenzene	mg/kg	0.0296	0.0289	118.	73-130	2.19	20	WG533560
Methyl tert-butyl ether	mg/kg	0.0309	0.0294	124.	44-148	4.79	20	WG533560
Methylene Chloride	mg/kg	0.0286	0.0272	114.	57-129	5.14	20	WG533560
n-Butylbenzene	mg/kg	0.0282	0.0275	113.	60-145	2.64	20	WG533560
n-Propylbenzene	mg/kg	0.0281	0.0278	112.	71-132	1.01	20	WG533560
Naphthalene	mg/kg	0.0260	0.0243	104.	61-142	6.70	20	WG533560
p-Isopropyltoluene	mg/kg	0.0290	0.0282	116.	67-138	2.51	20	WG533560
sec-Butylbenzene	mg/kg	0.0282	0.0276	113.	71-134	1.98	20	WG533560
Styrene	mg/kg	0.0196	0.0192	78.0	76-133	2.34	20	WG533560
tert-Butylbenzene	mg/kg	0.0275	0.0267	110.	72-132	3.01	20	WG533560
Tetrachloroethene	mg/kg	0.0259	0.0256	104.	65-135	1.46	20	WG533560

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Est. 1970

May 04, 2011

Analyte	Units	Laboratory Control Sample Duplicate			Limit	RPD	Limit	Batch
		Result	Ref	%Rec				
Toluene	mg/kg	0.0276	0.0272	110.	70-120	1.65	20	WG533560
trans-1,2-Dichloroethene	mg/kg	0.0277	0.0272	111.	61-133	1.92	20	WG533560
trans-1,3-Dichloropropene	mg/kg	0.0268	0.0268	107.	70-135	0.220	20	WG533560
Trichloroethene	mg/kg	0.0264	0.0259	106.	71-126	2.00	20	WG533560
Trichlorofluoromethane	mg/kg	0.0328	0.0323	131.	52-147	1.63	20	WG533560
Vinyl chloride	mg/kg	0.0264	0.0258	106.	50-151	2.49	20	WG533560
Xylenes, Total	mg/kg	0.0807	0.0797	108.	74-127	1.19	20	WG533560
4-Bromofluorobenzene				98.59	59-140			WG533560
Dibromofluoromethane				108.7	63-139			WG533560
Toluene-d8				102.2	84-116			WG533560
a,a,a-Trifluorotoluene				102.2	80-118			WG533560
1,1,1,2-Tetrachloroethane	mg/kg	0.0257	0.0244	103.	73-134	5.20	20	WG533815
1,1,1-Trichloroethane	mg/kg	0.0251	0.0247	100.	62-135	1.63	20	WG533815
1,1,2,2-Tetrachloroethane	mg/kg	0.0266	0.0259	106.	74-129	2.64	20	WG533815
1,1,2-Trichloroethane	mg/kg	0.0250	0.0228	100.	77-124	9.09	20	WG533815
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0244	0.0247	98.0	49-155	1.16	20	WG533815
1,1-Dichloroethane	mg/kg	0.0264	0.0246	106.	61-134	6.90	20	WG533815
1,1-Dichloropropene	mg/kg	0.0239	0.0240	96.0	53-136	0.220	20	WG533815
1,1-Dichloropropene	mg/kg	0.0248	0.0243	99.0	63-132	1.89	20	WG533815
1,2,3-Trichlorobenzene	mg/kg	0.0279	0.0257	111.	62-146	8.18	20	WG533815
1,2,3-Trichloropropane	mg/kg	0.0261	0.0257	104.	70-133	1.84	20	WG533815
1,2,3-Trimethylbenzene	mg/kg	0.0250	0.0232	100.	73-126	7.17	20	WG533815
1,2,4-Trichlorobenzene	mg/kg	0.0277	0.0247	111.	61-148	11.3	20	WG533815
1,2,4-Trimethylbenzene	mg/kg	0.0257	0.0237	103.	68-135	7.86	20	WG533815
1,2-Dibromo-3-Chloropropane	mg/kg	0.0261	0.0248	104.	61-134	5.32	21	WG533815
1,2-Dibromoethane	mg/kg	0.0247	0.0229	99.0	76-127	7.62	20	WG533815
1,2-Dichlorobenzene	mg/kg	0.0256	0.0236	102.	77-123	8.04	20	WG533815
1,2-Dichloroethane	mg/kg	0.0253	0.0244	101.	58-141	3.44	20	WG533815
1,2-Dichloropropane	mg/kg	0.0248	0.0225	99.0	71-128	10.1	20	WG533815
1,3,5-Trimethylbenzene	mg/kg	0.0256	0.0230	102.	71-133	10.7	20	WG533815
1,3-Dichlorobenzene	mg/kg	0.0257	0.0231	103.	71-132	10.9	20	WG533815
1,3-Dichloropropane	mg/kg	0.0252	0.0224	101.	76-120	11.9	20	WG533815
1,4-Dichlorobenzene	mg/kg	0.0244	0.0221	98.0	72-123	10.1	20	WG533815
2,2-Dichloropropane	mg/kg	0.0269	0.0263	108.	50-147	2.43	20	WG533815
2-Butanone (MEK)	mg/kg	0.125	0.119	100.	51-131	4.65	25	WG533815
2-Chloroethyl vinyl ether	mg/kg	0.135	0.117	108.	0-188	14.3	39	WG533815
2-Chlorotoluene	mg/kg	0.0253	0.0227	101.	73-128	10.8	20	WG533815
4-Chlorotoluene	mg/kg	0.0252	0.0226	101.	72-129	10.5	20	WG533815
4-Methyl-2-pentanone (MIBK)	mg/kg	0.127	0.127	102.	61-143	0.120	23	WG533815
Acetone	mg/kg	0.116	0.121	93.0	44-140	4.11	25	WG533815
Acrylonitrile	mg/kg	0.130	0.133	104.	55-143	2.33	20	WG533815
Benzene	mg/kg	0.0244	0.0235	98.0	65-128	4.08	20	WG533815
Bromobenzene	mg/kg	0.0238	0.0226	95.0	75-123	5.29	20	WG533815
Bromodichloromethane	mg/kg	0.0259	0.0237	104.	66-126	8.74	20	WG533815
Bromoform	mg/kg	0.0252	0.0233	101.	64-139	7.77	20	WG533815
Bromomethane	mg/kg	0.0204	0.0209	82.0	41-175	5.22	20	WG533815
Carbon tetrachloride	mg/kg	0.0244	0.0232	98.0	60-140	2.27	20	WG533815
Chlorobenzene	mg/kg	0.0256	0.0230	102.	75-125	10.5	20	WG533815
Chlorodibromomethane	mg/kg	0.0266	0.0236	106.	72-137	11.9	20	WG533815
Chloroethane	mg/kg	0.0190	0.0218	76.0	44-159	13.4	20	WG533815
Chloroform	mg/kg	0.0258	0.0246	103.	63-123	4.78	20	WG533815
Chloromethane	mg/kg	0.0219	0.0222	87.0	42-149	1.59	20	WG533815
cis-1,2-Dichloroethene	mg/kg	0.0257	0.0243	103.	71-129	5.53	20	WG533815
cis-1,3-Dichloropropene	mg/kg	0.0257	0.0227	103.	73-132	12.4	20	WG533815
Di-isopropyl ether	mg/kg	0.0251	0.0233	100.	59-143	7.41	20	WG533815
Dibromomethane	mg/kg	0.0265	0.0252	106.	70-130	5.11	20	WG533815
Dichlorodifluoromethane	mg/kg	0.0218	0.0214	87.0	26-186	1.78	22	WG533815

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Analyte	Units	Laboratory Control Sample Duplicate			Limit	RPD	Limit	Batch
		Result	Ref	%Rec				
Ethylbenzene	mg/kg	0.0251	0.0223	100.	74-128	12.0	20	WG533815
Hexachloro-1,3-butadiene	mg/kg	0.0267	0.0250	107.	65-137	6.62	20	WG533815
Isopropylbenzene	mg/kg	0.0246	0.0234	98.0	73-130	4.87	20	WG533815
Methyl tert-butyl ether	mg/kg	0.0258	0.0260	103.	44-148	0.540	20	WG533815
Methylene Chloride	mg/kg	0.0256	0.0265	102.	57-129	3.55	20	WG533815
n-Butylbenzene	mg/kg	0.0246	0.0228	98.0	60-145	7.53	20	WG533815
n-Propylbenzene	mg/kg	0.0248	0.0228	99.0	71-132	8.61	20	WG533815
Naphthalene	mg/kg	0.0280	0.0260	112.	61-142	7.37	20	WG533815
p-Isopropyltoluene	mg/kg	0.0260	0.0239	104.	67-138	8.49	20	WG533815
sec-Butylbenzene	mg/kg	0.0249	0.0230	100.	71-134	8.08	20	WG533815
Styrene	mg/kg	0.0264	0.0230	106.	76-133	13.8	20	WG533815
tert-Butylbenzene	mg/kg	0.0261	0.0238	104.	72-132	9.53	20	WG533815
Tetrachloroethene	mg/kg	0.0239	0.0228	96.0	65-135	4.78	20	WG533815
Toluene	mg/kg	0.0246	0.0228	98.0	70-120	7.73	20	WG533815
trans-1,2-Dichloroethene	mg/kg	0.0255	0.0250	102.	61-133	2.06	20	WG533815
trans-1,3-Dichloropropene	mg/kg	0.0272	0.0234	109.	70-135	15.0	20	WG533815
Trichloroethene	mg/kg	0.0252	0.0247	101.	71-126	1.74	20	WG533815
Trichlorofluoromethane	mg/kg	0.0211	0.0217	84.0	52-147	2.86	20	WG533815
Vinyl chloride	mg/kg	0.0199	0.0210	80.0	50-151	5.06	20	WG533815
Xylenes, Total	mg/kg	0.0759	0.0693	101.	74-127	9.15	20	WG533815
4-Bromofluorobenzene				100.0	59-140			WG533815
Dibromofluoromethane				101.7	63-139			WG533815
Toluene-d8				99.23	84-116			WG533815
a,a,a-Trifluorotoluene				105.0	80-118			WG533815
1,1,1,2-Tetrachloroethane	mg/kg	0.0235	0.0254	94.0	73-134	7.65	20	WG533313
1,1,1-Trichloroethane	mg/kg	0.0231	0.0245	92.0	62-135	5.57	20	WG533313
1,1,2,2-Tetrachloroethane	mg/kg	0.0220	0.0220	88.0	74-129	0.0400	20	WG533313
1,1,2-Trichloroethane	mg/kg	0.0222	0.0227	89.0	77-124	2.33	20	WG533313
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0290	0.0305	116.	49-155	5.15	20	WG533313
1,1-Dichloroethane	mg/kg	0.0214	0.0229	86.0	61-134	6.82	20	WG533313
1,1-Dichloroethene	mg/kg	0.0230	0.0253	92.0	53-136	9.42	20	WG533313
1,1-Dichloropropene	mg/kg	0.0203	0.0220	81.0	63-132	8.27	20	WG533313
1,2,3-Trichlorobenzene	mg/kg	0.0241	0.0241	96.0	62-146	0.360	20	WG533313
1,2,3-Trichloropropane	mg/kg	0.0235	0.0229	94.0	70-133	2.67	20	WG533313
1,2,3-Trimethylbenzene	mg/kg	0.0218	0.0229	87.0	73-126	5.34	20	WG533313
1,2,4-Trichlorobenzene	mg/kg	0.0244	0.0254	98.0	61-148	3.88	20	WG533313
1,2,4-Trimethylbenzene	mg/kg	0.0219	0.0243	87.0	68-135	10.8	20	WG533313
1,2-Dibromo-3-Chloropropane	mg/kg	0.0249	0.0228	100.	61-134	8.96	21	WG533313
1,2-Dibromoethane	mg/kg	0.0227	0.0230	91.0	76-127	1.22	20	WG533313
1,2-Dichlorobenzene	mg/kg	0.0224	0.0235	90.0	77-123	4.61	20	WG533313
1,2-Dichloroethane	mg/kg	0.0216	0.0217	86.0	58-141	0.630	20	WG533313
1,2-Dichloropropane	mg/kg	0.0205	0.0215	82.0	71-128	4.40	20	WG533313
1,3,5-Trimethylbenzene	mg/kg	0.0226	0.0252	90.0	71-133	10.8	20	WG533313
1,3-Dichlorobenzene	mg/kg	0.0235	0.0250	94.0	71-132	6.08	20	WG533313
1,3-Dichloropropane	mg/kg	0.0212	0.0220	85.0	76-120	3.83	20	WG533313
1,4-Dichlorobenzene	mg/kg	0.0227	0.0243	91.0	72-123	6.80	20	WG533313
2,2-Dichloropropane	mg/kg	0.0236	0.0247	94.0	50-147	4.65	20	WG533313
2-Butanone (MEK)	mg/kg	0.109	0.0942	87.0	51-131	14.2	25	WG533313
2-Chloroethyl vinyl ether	mg/kg	0.107	0.106	86.0	0-188	1.47	39	WG533313
2-Chlorotoluene	mg/kg	0.0218	0.0238	87.0	73-128	8.48	20	WG533313
4-Chlorotoluene	mg/kg	0.0218	0.0244	87.0	72-129	11.0	20	WG533313
4-Methyl-2-pentanone (MIBK)	mg/kg	0.129	0.117	103.	61-143	9.90	23	WG533313
Acetone	mg/kg	0.119	0.102	95.0	44-140	15.6	25	WG533313
Acrylonitrile	mg/kg	0.122	0.109	97.0	55-143	10.9	20	WG533313
Benzene	mg/kg	0.0199	0.0211	80.0	65-128	5.80	20	WG533313
Bromobenzene	mg/kg	0.0218	0.0234	87.0	75-123	6.90	20	WG533313
Bromodichloromethane	mg/kg	0.0205	0.0212	82.0	66-126	3.55	20	WG533313

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Tax I.D. 62-0814289

Est. 1970

Quality Assurance Report
Level II

L513401

May 04, 2011

Analyte	Units	Laboratory Control Sample Duplicate			Limit	RPD	Limit	Batch
		Result	Ref	%Rec				
Bromoform	mg/kg	0.0245	0.0247	98.0	64-139	0.810	20	WG533313
Bromomethane	mg/kg	0.0193	0.0222	77.0	41-175	13.8	20	WG533313
Carbon tetrachloride	mg/kg	0.0228	0.0238	91.0	60-140	4.55	20	WG533313
Chlorobenzene	mg/kg	0.0216	0.0235	86.0	75-125	8.61	20	WG533313
Chlorodibromomethane	mg/kg	0.0236	0.0243	94.0	72-137	3.18	20	WG533313
Chloroethane	mg/kg	0.0195	0.0207	78.0	44-159	6.07	20	WG533313
Chloroform	mg/kg	0.0215	0.0226	86.0	63-123	5.01	20	WG533313
Chloromethane	mg/kg	0.0191	0.0202	76.0	42-149	5.34	20	WG533313
cis-1,2-Dichloroethene	mg/kg	0.0203	0.0212	81.0	71-129	4.23	20	WG533313
cis-1,3-Dichloropropene	mg/kg	0.0208	0.0215	83.0	73-132	3.44	20	WG533313
Di-isopropyl ether	mg/kg	0.0231	0.0243	92.0	59-143	5.16	20	WG533313
Dibromomethane	mg/kg	0.0218	0.0213	87.0	70-130	2.52	20	WG533313
Dichlorodifluoromethane	mg/kg	0.0160	0.0178	64.0	26-186	10.2	22	WG533313
Ethylbenzene	mg/kg	0.0224	0.0249	90.0	74-128	10.3	20	WG533313
Hexachloro-1,3-butadiene	mg/kg	0.0237	0.0257	95.0	65-137	7.87	20	WG533313
Isopropylbenzene	mg/kg	0.0244	0.0275	98.0	73-130	12.1	20	WG533313
Methyl tert-butyl ether	mg/kg	0.0222	0.0217	89.0	44-148	2.34	20	WG533313
Methylene Chloride	mg/kg	0.0205	0.0207	82.0	57-129	1.19	20	WG533313
n-Butylbenzene	mg/kg	0.0227	0.0249	91.0	60-145	9.22	20	WG533313
n-Propylbenzene	mg/kg	0.0226	0.0253	90.0	71-132	11.1	20	WG533313
Naphthalene	mg/kg	0.0237	0.0225	95.0	61-142	5.11	20	WG533313
p-Isopropyltoluene	mg/kg	0.0236	0.0262	94.0	67-138	10.2	20	WG533313
sec-Butylbenzene	mg/kg	0.0231	0.0259	92.0	71-134	11.3	20	WG533313
Styrene	mg/kg	0.0164	0.0182	66*	76-133	10.1	20	WG533313
tert-Butylbenzene	mg/kg	0.0237	0.0258	95.0	72-132	8.40	20	WG533313
Tetrachloroethene	mg/kg	0.0228	0.0260	91.0	65-135	13.4	20	WG533313
Toluene	mg/kg	0.0204	0.0217	82.0	70-120	6.32	20	WG533313
trans-1,2-Dichloroethene	mg/kg	0.0197	0.0219	79.0	61-133	10.2	20	WG533313
trans-1,3-Dichloropropene	mg/kg	0.0210	0.0214	84.0	70-135	1.85	20	WG533313
Trichloroethene	mg/kg	0.0208	0.0227	83.0	71-126	9.01	20	WG533313
Trichlorofluoromethane	mg/kg	0.0225	0.0241	90.0	52-147	6.82	20	WG533313
Vinyl chloride	mg/kg	0.0182	0.0199	73.0	50-151	8.63	20	WG533313
Xylenes, Total	mg/kg	0.0656	0.0729	87.0	74-127	10.5	20	WG533313
4-Bromofluorobenzene				98.08	59-140			WG533313
Dibromofluoromethane				103.1	63-139			WG533313
Toluene-d8				101.2	84-116			WG533313
a,a,a-Trifluorotoluene				101.3	80-118			WG533313
1,2,3-Trichlorobenzene	mg/kg	0.0197	0.0196	79.0	62-146	0.310	20	WG533849
n-Butylbenzene	mg/kg	0.0200	0.0199	80.0	60-145	0.220	20	WG533849
Naphthalene	mg/kg	0.0183	0.0179	73.0	61-142	2.21	20	WG533849
p-Isopropyltoluene	mg/kg	0.0218	0.0213	87.0	67-138	2.09	20	WG533849
4-Bromofluorobenzene				104.8	59-140			WG533849
Dibromofluoromethane				98.50	63-139			WG533849
Toluene-d8				103.7	84-116			WG533849
a,a,a-Trifluorotoluene				110.0	80-118			WG533849

Analyte	Units	Matrix Spike			% Rec	Limit	Ref Samp	Batch
		MS Res	Ref Res	TV				
1,1,1,2-Tetrachloroethane	mg/kg	0.135	0	.025	108.	29-145	L513676-01	WG533560
1,1,1-Trichloroethane	mg/kg	0.143	0	.025	114.	23-147	L513676-01	WG533560
1,1,2,2-Tetrachloroethane	mg/kg	0.129	0	.025	103.	18-150	L513676-01	WG533560
1,1,2-Trichloroethane	mg/kg	0.129	0	.025	103.	35-140	L513676-01	WG533560
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.153	0	.025	123.	10-145	L513676-01	WG533560
1,1-Dichloroethane	mg/kg	0.140	0	.025	112.	24-148	L513676-01	WG533560
1,1-Dichloroethene	mg/kg	0.139	0	.025	111.	10-149	L513676-01	WG533560
1,1-Dichloropropene	mg/kg	0.125	0	.025	99.9	10-141	L513676-01	WG533560

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Tax I.D. 62-0814289

Est. 1970

May 04, 2011

Analyte	Units	MS Res	Matrix Spike		% Rec	Limit	Ref Samp	Batch
			Ref Res	TV				
1,2,3-Trichlorobenzene	mg/kg	0.0967	0	.025	77.3	10-129	L513676-01	WG533560
1,2,3-Trichloropropane	mg/kg	0.137	0	.025	110.	30-148	L513676-01	WG533560
1,2,3-Trimethylbenzene	mg/kg	0.129	0	.025	103.	10-137	L513676-01	WG533560
1,2,4-Trichlorobenzene	mg/kg	0.101	0	.025	80.9	10-119	L513676-01	WG533560
1,2,4-Trimethylbenzene	mg/kg	0.124	0	.025	99.3	10-145	L513676-01	WG533560
1,2-Dibromo-3-Chloropropane	mg/kg	0.121	0	.025	96.5	19-145	L513676-01	WG533560
1,2-Dibromoethane	mg/kg	0.126	0	.025	100.	24-145	L513676-01	WG533560
1,2-Dichlorobenzene	mg/kg	0.121	0	.025	96.9	12-130	L513676-01	WG533560
1,2-Dichloroethane	mg/kg	0.140	0	.025	112.	21-155	L513676-01	WG533560
1,2-Dichloropropane	mg/kg	0.130	0	.025	104.	28-144	L513676-01	WG533560
1,3,5-Trimethylbenzene	mg/kg	0.129	0	.025	103.	10-135	L513676-01	WG533560
1,3-Dichlorobenzene	mg/kg	0.120	0	.025	95.8	10-129	L513676-01	WG533560
1,3-Dichloropropane	mg/kg	0.127	0	.025	101.	31-137	L513676-01	WG533560
1,4-Dichlorobenzene	mg/kg	0.123	0	.025	98.7	10-121	L513676-01	WG533560
2,2-Dichloropropane	mg/kg	0.135	0	.025	108.	18-144	L513676-01	WG533560
2-Butanone (MEK)	mg/kg	0.678	0	.125	108.	21-143	L513676-01	WG533560
2-Chloroethyl vinyl ether	mg/kg	0.557	0	.125	89.1	0-176	L513676-01	WG533560
2-Chlorotoluene	mg/kg	0.124	0	.025	99.0	10-132	L513676-01	WG533560
4-Chlorotoluene	mg/kg	0.123	0	.025	98.7	10-129	L513676-01	WG533560
4-Methyl-2-pentanone (MIBK)	mg/kg	0.770	0	.125	123.	31-151	L513676-01	WG533560
Acetone	mg/kg	0.711	0	.125	114.	13-158	L513676-01	WG533560
Acrylonitrile	mg/kg	0.679	0	.125	108.	20-154	L513676-01	WG533560
Benzene	mg/kg	0.133	0	.025	106.	16-143	L513676-01	WG533560
Bromobenzene	mg/kg	0.124	0	.025	99.4	14-135	L513676-01	WG533560
Bromodichloromethane	mg/kg	0.134	0	.025	107.	27-139	L513676-01	WG533560
Bromoform	mg/kg	0.139	0	.025	112.	21-144	L513676-01	WG533560
Bromomethane	mg/kg	0.141	0	.025	113.	0-180	L513676-01	WG533560
Carbon tetrachloride	mg/kg	0.143	0	.025	114.	12-149	L513676-01	WG533560
Chlorobenzene	mg/kg	0.125	0	.025	99.7	17-134	L513676-01	WG533560
Chlorodibromomethane	mg/kg	0.131	0	.025	105.	28-147	L513676-01	WG533560
Chloroethane	mg/kg	0.151	0	.025	121.	0-172	L513676-01	WG533560
Chloroform	mg/kg	0.143	0	.025	115.	28-138	L513676-01	WG533560
Chloromethane	mg/kg	0.130	0	.025	104.	10-158	L513676-01	WG533560
cis-1,2-Dichloroethene	mg/kg	0.133	0	.025	106.	21-147	L513676-01	WG533560
cis-1,3-Dichloropropene	mg/kg	0.134	0	.025	107.	17-145	L513676-01	WG533560
Di-isopropyl ether	mg/kg	0.141	0	.025	113.	31-153	L513676-01	WG533560
Dibromomethane	mg/kg	0.130	0	.025	104.	24-147	L513676-01	WG533560
Dichlorodifluoromethane	mg/kg	0.130	0	.025	104.	0-192	L513676-01	WG533560
Ethylbenzene	mg/kg	0.127	0	.025	101.	12-137	L513676-01	WG533560
Hexachloro-1,3-butadiene	mg/kg	0.105	0	.025	83.7	10-123	L513676-01	WG533560
Isopropylbenzene	mg/kg	0.137	0	.025	110.	14-134	L513676-01	WG533560
Methyl tert-butyl ether	mg/kg	0.142	0	.025	114.	21-157	L513676-01	WG533560
Methylene Chloride	mg/kg	0.136	0	.025	109.	12-149	L513676-01	WG533560
n-Butylbenzene	mg/kg	0.121	0	.025	96.5	10-130	L513676-01	WG533560
n-Propylbenzene	mg/kg	0.127	0	.025	101.	10-130	L513676-01	WG533560
Naphthalene	mg/kg	0.105	0	.025	83.6	0-146	L513676-01	WG533560
p-Isopropyltoluene	mg/kg	0.125	0	.025	100.	10-131	L513676-01	WG533560
sec-Butylbenzene	mg/kg	0.124	0	.025	99.2	10-134	L513676-01	WG533560
Styrene	mg/kg	0.0922	0	.025	73.8	10-140	L513676-01	WG533560
tert-Butylbenzene	mg/kg	0.126	0	.025	101.	11-137	L513676-01	WG533560
Tetrachloroethene	mg/kg	0.119	0	.025	95.5	10-131	L513676-01	WG533560
Toluene	mg/kg	0.129	0	.025	103.	12-136	L513676-01	WG533560
trans-1,2-Dichloroethene	mg/kg	0.129	0	.025	103.	10-143	L513676-01	WG533560
trans-1,3-Dichloropropene	mg/kg	0.124	0	.025	99.3	16-147	L513676-01	WG533560
Trichloroethene	mg/kg	0.122	0	.025	97.5	10-155	L513676-01	WG533560
Trichlorofluoromethane	mg/kg	0.147	0	.025	117.	10-154	L513676-01	WG533560
Vinyl chloride	mg/kg	0.121	0	.025	97.1	10-159	L513676-01	WG533560
Xylenes, Total	mg/kg	0.384	0	.075	102.	10-138	L513676-01	WG533560
4-Bromofluorobenzene					97.24	59-140		WG533560

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Tax I.D. 62-0814289

Est. 1970

May 04, 2011

Analyte	Units	MS Res	Matrix Spike		% Rec	Limit	Ref Samp	Batch
			Ref	TV				
Dibromofluoromethane					104.8	63-139		
Toluene-d8					101.2	84-116		
a,a,a-Trifluorotoluene					104.7	80-118		
1,1,1,2-Tetrachloroethane	mg/kg	0.0195	0	.025	78.0	29-145	L513713-10	WG533815
1,1,1-Trichloroethane	mg/kg	0.0207	0	.025	82.7	23-147	L513713-10	WG533815
1,1,2,2-Tetrachloroethane	mg/kg	0.0238	0	.025	95.2	18-150	L513713-10	WG533815
1,1,2-Trichloroethane	mg/kg	0.0201	0	.025	80.5	35-140	L513713-10	WG533815
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0224	0	.025	89.5	10-145	L513713-10	WG533815
1,1-Dichloroethane	mg/kg	0.0209	0	.025	83.5	24-148	L513713-10	WG533815
1,1-Dichloroethene	mg/kg	0.0213	0	.025	85.3	10-149	L513713-10	WG533815
1,1-Dichloropropene	mg/kg	0.0209	0	.025	83.5	10-141	L513713-10	WG533815
1,2,3-Trichlorobenzene	mg/kg	0.0195	0	.025	78.1	10-129	L513713-10	WG533815
1,2,3-Trichloropropane	mg/kg	0.0237	0	.025	94.8	30-148	L513713-10	WG533815
1,2,3-Trimethylbenzene	mg/kg	0.0201	0	.025	80.4	10-137	L513713-10	WG533815
1,2,4-Trichlorobenzene	mg/kg	0.0195	0	.025	77.9	10-119	L513713-10	WG533815
1,2,4-Trimethylbenzene	mg/kg	0.0200	0.00130	.025	74.8	10-145	L513713-10	WG533815
1,2-Dibromo-3-Chloropropane	mg/kg	0.0244	0	.025	97.5	19-145	L513713-10	WG533815
1,2-Dibromoethane	mg/kg	0.0201	0	.025	80.5	24-145	L513713-10	WG533815
1,2-Dichlorobenzene	mg/kg	0.0199	0	.025	79.6	12-130	L513713-10	WG533815
1,2-Dichloroethane	mg/kg	0.0208	0	.025	83.2	21-155	L513713-10	WG533815
1,2-Dichloropropane	mg/kg	0.0196	0	.025	78.2	28-144	L513713-10	WG533815
1,3,5-Trimethylbenzene	mg/kg	0.0207	0.000475	.025	80.7	10-135	L513713-10	WG533815
1,3-Dichlorobenzene	mg/kg	0.0196	0	.025	78.3	10-129	L513713-10	WG533815
1,3-Dichloropropane	mg/kg	0.0208	0	.025	83.3	31-137	L513713-10	WG533815
1,4-Dichlorobenzene	mg/kg	0.0191	0	.025	76.6	10-121	L513713-10	WG533815
2,2-Dichloropropane	mg/kg	0.0207	0	.025	82.6	18-144	L513713-10	WG533815
2-Butanone (MEK)	mg/kg	0.122	0.00666	.125	92.0	21-143	L513713-10	WG533815
2-Chloroethyl vinyl ether	mg/kg	0.114	0	.125	91.0	0-176	L513713-10	WG533815
2-Chlorotoluene	mg/kg	0.0190	0	.025	75.9	10-132	L513713-10	WG533815
4-Chlorotoluene	mg/kg	0.0194	0	.025	77.8	10-129	L513713-10	WG533815
4-Methyl-2-pentanone (MIBK)	mg/kg	0.125	0	.125	99.8	31-151	L513713-10	WG533815
Acetone	mg/kg	0.127	0.0987	.125	22.8	13-158	L513713-10	WG533815
Acrylonitrile	mg/kg	0.123	0	.125	98.2	20-154	L513713-10	WG533815
Benzene	mg/kg	0.0201	0	.025	80.3	16-143	L513713-10	WG533815
Bromobenzene	mg/kg	0.0186	0	.025	74.3	14-135	L513713-10	WG533815
Bromodichloromethane	mg/kg	0.0206	0	.025	82.4	27-139	L513713-10	WG533815
Bromoform	mg/kg	0.0216	0	.025	86.4	21-144	L513713-10	WG533815
Bromomethane	mg/kg	0.0176	0	.025	70.3	0-180	L513713-10	WG533815
Carbon tetrachloride	mg/kg	0.0212	0	.025	84.8	12-149	L513713-10	WG533815
Chlorobenzene	mg/kg	0.0195	0	.025	78.2	17-134	L513713-10	WG533815
Chlorodibromomethane	mg/kg	0.0214	0	.025	85.6	28-147	L513713-10	WG533815
Chloroethane	mg/kg	0.0169	0	.025	67.7	0-172	L513713-10	WG533815
Chloroform	mg/kg	0.0211	0	.025	84.2	28-138	L513713-10	WG533815
Chloromethane	mg/kg	0.0172	0	.025	68.6	10-158	L513713-10	WG533815
cis-1,2-Dichloroethene	mg/kg	0.0205	0	.025	82.0	21-147	L513713-10	WG533815
cis-1,3-Dichloropropene	mg/kg	0.0197	0	.025	79.0	17-145	L513713-10	WG533815
Di-isopropyl ether	mg/kg	0.0203	0	.025	81.0	31-153	L513713-10	WG533815
Dibromomethane	mg/kg	0.0219	0	.025	87.6	24-147	L513713-10	WG533815
Dichlorodifluoromethane	mg/kg	0.0194	0	.025	77.5	0-192	L513713-10	WG533815
Ethylbenzene	mg/kg	0.0199	0.000790	.025	76.2	12-137	L513713-10	WG533815
Hexachloro-1,3-butadiene	mg/kg	0.0191	0	.025	76.6	10-123	L513713-10	WG533815
Isopropylbenzene	mg/kg	0.0200	0	.025	79.8	14-134	L513713-10	WG533815
Methyl tert-butyl ether	mg/kg	0.0227	0	.025	90.8	21-157	L513713-10	WG533815
Methylene Chloride	mg/kg	0.0235	0	.025	94.0	12-149	L513713-10	WG533815
n-Butylbenzene	mg/kg	0.0206	0	.025	82.2	10-130	L513713-10	WG533815
n-Propylbenzene	mg/kg	0.0198	0	.025	79.3	10-130	L513713-10	WG533815
Naphthalene	mg/kg	0.0204	0	.025	81.6	0-146	L513713-10	WG533815
p-Isopropyltoluene	mg/kg	0.0203	0	.025	81.1	10-131	L513713-10	WG533815
sec-Butylbenzene	mg/kg	0.0201	0.000758	.025	77.5	10-134	L513713-10	WG533815

* Performance of this Analyte is outside of established criteria.

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YOUR LAB OF CHOICE

Terracon- Lynnwood, WA
Jon Einarsen
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Mountlake Terrace, WA 98043

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Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

Quality Assurance Report
Level II

L513401

May 04, 2011

Analyte	Units	MS Res	Matrix Spike		% Rec	Limit	Ref Samp	Batch
			Ref Res	TV				
Styrene	mg/kg	0.0202	0	.025	80.9	10-140	L513713-10	WG533815
tert-Butylbenzene	mg/kg	0.0207	0	.025	82.6	11-137	L513713-10	WG533815
Tetrachloroethene	mg/kg	0.0200	0	.025	79.9	10-131	L513713-10	WG533815
Toluene	mg/kg	0.0196	0.00130	.025	73.1	12-136	L513713-10	WG533815
trans-1,2-Dichloroethene	mg/kg	0.0219	0	.025	87.6	10-143	L513713-10	WG533815
trans-1,3-Dichloropropene	mg/kg	0.0209	0.000610	.025	81.1	16-147	L513713-10	WG533815
Trichloroethene	mg/kg	0.0200	0	.025	80.0	10-155	L513713-10	WG533815
Trichlorofluoromethane	mg/kg	0.0186	0	.025	74.4	10-154	L513713-10	WG533815
Vinyl chloride	mg/kg	0.0177	0	.025	70.8	10-159	L513713-10	WG533815
Xylenes, Total	mg/kg	0.0610	0.00350	.075	76.7	10-138	L513713-10	WG533815
4-Bromofluorobenzene					99.81	59-140		WG533815
Dibromofluoromethane					105.7	63-139		WG533815
Toluene-d8					99.59	84-116		WG533815
a,a,a-Trifluorotoluene					103.0	80-118		WG533815
1,1,1,2-Tetrachloroethane	mg/kg	0.0233	0	.025	93.1	29-145	L513401-01	WG533313
1,1,1-Trichloroethane	mg/kg	0.0217	0	.025	86.8	23-147	L513401-01	WG533313
1,1,2,2-Tetrachloroethane	mg/kg	0.0199	0	.025	79.5	18-150	L513401-01	WG533313
1,1,2-Trichloroethane	mg/kg	0.0209	0	.025	83.6	35-140	L513401-01	WG533313
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0261	0	.025	104.	10-145	L513401-01	WG533313
1,1-Dichloroethane	mg/kg	0.0205	0	.025	82.1	24-148	L513401-01	WG533313
1,1-Dichloropropene	mg/kg	0.0224	0	.025	89.4	10-149	L513401-01	WG533313
1,1-Dichlorobenzene	mg/kg	0.0190	0	.025	76.2	10-141	L513401-01	WG533313
1,2,3-Trichlorobenzene	mg/kg	0.0224	0	.025	89.5	10-129	L513401-01	WG533313
1,2,3-Trichloropropane	mg/kg	0.0214	0	.025	85.6	30-148	L513401-01	WG533313
1,2,3-Trimethylbenzene	mg/kg	0.0219	0	.025	87.5	10-137	L513401-01	WG533313
1,2,4-Trichlorobenzene	mg/kg	0.0231	0	.025	92.4	10-119	L513401-01	WG533313
1,2,4-Trimethylbenzene	mg/kg	0.0220	0	.025	87.9	10-145	L513401-01	WG533313
1,2-Dibromo-3-Chloropropane	mg/kg	0.0208	0	.025	83.3	19-145	L513401-01	WG533313
1,2-Dibromoethane	mg/kg	0.0213	0	.025	85.2	24-145	L513401-01	WG533313
1,2-Dichlorobenzene	mg/kg	0.0228	0	.025	91.0	12-130	L513401-01	WG533313
1,2-Dichloroethane	mg/kg	0.0199	0	.025	79.7	21-155	L513401-01	WG533313
1,2-Dichloropropane	mg/kg	0.0192	0	.025	76.6	28-144	L513401-01	WG533313
1,3,5-Trimethylbenzene	mg/kg	0.0230	0	.025	91.9	10-135	L513401-01	WG533313
1,3-Dichlorobenzene	mg/kg	0.0236	0	.025	94.4	10-129	L513401-01	WG533313
1,3-Dichloropropane	mg/kg	0.0202	0	.025	80.7	31-137	L513401-01	WG533313
1,4-Dichlorobenzene	mg/kg	0.0233	0	.025	93.1	10-121	L513401-01	WG533313
2,2-Dichloropropane	mg/kg	0.0225	0	.025	90.0	18-144	L513401-01	WG533313
2-Butanone (MEK)	mg/kg	0.0818	0	.125	65.4	21-143	L513401-01	WG533313
2-Chloroethyl vinyl ether	mg/kg	0.0925	0	.125	74.0	0-176	L513401-01	WG533313
2-Chlorotoluene	mg/kg	0.0218	0	.025	87.2	10-132	L513401-01	WG533313
4-Chlorotoluene	mg/kg	0.0223	0	.025	89.2	10-129	L513401-01	WG533313
4-Methyl-2-pentanone (MIBK)	mg/kg	0.0992	0	.125	79.3	31-151	L513401-01	WG533313
Acetone	mg/kg	0.0857	0	.125	68.6	13-158	L513401-01	WG533313
Acrylonitrile	mg/kg	0.0967	0	.125	77.4	20-154	L513401-01	WG533313
Benzene	mg/kg	0.0188	0	.025	75.4	16-143	L513401-01	WG533313
Bromobenzene	mg/kg	0.0213	0	.025	85.3	14-135	L513401-01	WG533313
Bromodichloromethane	mg/kg	0.0189	0	.025	75.6	27-139	L513401-01	WG533313
Bromoform	mg/kg	0.0226	0	.025	90.4	21-144	L513401-01	WG533313
Bromomethane	mg/kg	0.0201	0	.025	80.6	0-180	L513401-01	WG533313
Carbon tetrachloride	mg/kg	0.0204	0	.025	81.7	12-149	L513401-01	WG533313
Chlorobenzene	mg/kg	0.0219	0	.025	87.8	17-134	L513401-01	WG533313
Chlorodibromomethane	mg/kg	0.0225	0	.025	89.8	28-147	L513401-01	WG533313
Chloroethane	mg/kg	0.0187	0	.025	74.7	0-172	L513401-01	WG533313
Chloroform	mg/kg	0.0205	0	.025	81.9	28-138	L513401-01	WG533313
Chloromethane	mg/kg	0.0185	0	.025	74.2	10-158	L513401-01	WG533313
cis-1,2-Dichloroethene	mg/kg	0.0190	0	.025	76.0	21-147	L513401-01	WG533313
cis-1,3-Dichloropropene	mg/kg	0.0193	0	.025	77.1	17-145	L513401-01	WG533313

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Tax I.D. 62-0814289

Est. 1970

May 04, 2011

Analyte	Units	MS Res	Matrix Spike		% Rec	Limit	Ref Samp	Batch
			Ref Res	TV				
Di-isopropyl ether	mg/kg	0.0220	0	.025	87.9	31-153	L513401-01	WG533313
Dibromomethane	mg/kg	0.0194	0	.025	77.6	24-147	L513401-01	WG533313
Dichlorodifluoromethane	mg/kg	0.0153	0	.025	61.3	0-192	L513401-01	WG533313
Ethylbenzene	mg/kg	0.0225	0	.025	89.9	12-137	L513401-01	WG533313
Hexachloro-1,3-butadiene	mg/kg	0.0229	0	.025	91.7	10-123	L513401-01	WG533313
Isopropylbenzene	mg/kg	0.0245	0	.025	98.0	14-134	L513401-01	WG533313
Methyl tert-butyl ether	mg/kg	0.0196	0	.025	78.5	21-157	L513401-01	WG533313
Methylene Chloride	mg/kg	0.0199	0	.025	79.5	12-149	L513401-01	WG533313
n-Butylbenzene	mg/kg	0.0229	0	.025	91.5	10-130	L513401-01	WG533313
n-Propylbenzene	mg/kg	0.0224	0	.025	89.6	10-130	L513401-01	WG533313
Naphthalene	mg/kg	0.0205	0	.025	82.2	0-146	L513401-01	WG533313
p-Isopropyltoluene	mg/kg	0.0231	0	.025	92.3	10-131	L513401-01	WG533313
sec-Butylbenzene	mg/kg	0.0228	0	.025	91.1	10-134	L513401-01	WG533313
Styrene	mg/kg	0.0167	0	.025	66.6	10-140	L513401-01	WG533313
tert-Butylbenzene	mg/kg	0.0235	0	.025	93.8	11-137	L513401-01	WG533313
Tetrachloroethene	mg/kg	0.0228	0.00160	.025	85.0	10-131	L513401-01	WG533313
Toluene	mg/kg	0.0195	0	.025	78.1	12-136	L513401-01	WG533313
trans-1,2-Dichloroethene	mg/kg	0.0192	0	.025	76.8	10-143	L513401-01	WG533313
trans-1,3-Dichloropropene	mg/kg	0.0193	0	.025	77.0	16-147	L513401-01	WG533313
Trichloroethene	mg/kg	0.0190	0	.025	75.9	10-155	L513401-01	WG533313
Trichlorofluoromethane	mg/kg	0.0206	0	.025	82.3	10-154	L513401-01	WG533313
Vinyl chloride	mg/kg	0.0179	0	.025	71.8	10-159	L513401-01	WG533313
Xylenes, Total	mg/kg	0.0662	0	.075	88.3	10-138	L513401-01	WG533313
4-Bromofluorobenzene					98.02	59-140		WG533313
Dibromofluoromethane					99.35	63-139		WG533313
Toluene-d8					98.01	84-116		WG533313
a,a,a-Trifluorotoluene					100.4	80-118		WG533313
1,2,3-Trichlorobenzene	mg/kg	0.0933	0	.025	74.6	10-129	L513865-01	WG533849
n-Butylbenzene	mg/kg	0.0921	0	.025	73.7	10-130	L513865-01	WG533849
Naphthalene	mg/kg	0.0854	0	.025	68.3	0-146	L513865-01	WG533849
p-Isopropyltoluene	mg/kg	0.0999	0	.025	79.9	10-131	L513865-01	WG533849
4-Bromofluorobenzene					102.6	59-140		WG533849
Dibromofluoromethane					101.4	63-139		WG533849
Toluene-d8					102.6	84-116		WG533849
a,a,a-Trifluorotoluene					108.0	80-118		WG533849

Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit	Ref Samp	Batch
			Ref	%Rec					
1,1,1,2-Tetrachloroethane	mg/kg	0.156	0.135	125.	29-145	14.4	31	L513676-01	WG533560
1,1,1-Trichloroethane	mg/kg	0.193	0.143	155.*	23-147	29.9	32	L513676-01	WG533560
1,1,2,2-Tetrachloroethane	mg/kg	0.146	0.129	117.	18-150	12.5	33	L513676-01	WG533560
1,1,2-Trichloroethane	mg/kg	0.145	0.129	116.	35-140	11.4	29	L513676-01	WG533560
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.214	0.153	171.*	10-145	33.0	35	L513676-01	WG533560
1,1-Dichloroethane	mg/kg	0.175	0.140	140.	24-148	22.3	31	L513676-01	WG533560
1,1-Dichloroethene	mg/kg	0.190	0.139	152.*	10-149	31.0	34	L513676-01	WG533560
1,1-Dichloropropene	mg/kg	0.171	0.125	137.	10-141	31.1	34	L513676-01	WG533560
1,2,3-Trichlorobenzene	mg/kg	0.114	0.0967	91.2	10-129	16.5	43	L513676-01	WG533560
1,2,3-Trichloropropane	mg/kg	0.156	0.137	124.	30-148	12.5	32	L513676-01	WG533560
1,2,3-Trimethylbenzene	mg/kg	0.147	0.129	117.	10-137	12.6	36	L513676-01	WG533560
1,2,4-Trichlorobenzene	mg/kg	0.122	0.101	97.8	10-119	19.0	44	L513676-01	WG533560
1,2,4-Trimethylbenzene	mg/kg	0.153	0.124	122.	10-145	20.6	41	L513676-01	WG533560
1,2-Dibromo-3-Chloropropane	mg/kg	0.135	0.121	108.	19-145	11.6	35	L513676-01	WG533560
1,2-Dibromoethane	mg/kg	0.141	0.126	113.	24-145	11.6	31	L513676-01	WG533560
1,2-Dichlorobenzene	mg/kg	0.138	0.121	111.	12-130	13.3	35	L513676-01	WG533560
1,2-Dichloroethane	mg/kg	0.162	0.140	130.	21-155	15.2	29	L513676-01	WG533560
1,2-Dichloropropane	mg/kg	0.150	0.130	120.	28-144	14.6	30	L513676-01	WG533560

* Performance of this Analyte is outside of established criteria.

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Tax I.D. 62-0814289

Est. 1970

May 04, 2011

Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit	Ref	Samp	Batch
			Ref	%Rec						
1,3,5-Trimethylbenzene	mg/kg	0.158	0.129	126.	10-135	20.6	39	L513676-01	WG533560	
1,3-Dichlorobenzene	mg/kg	0.145	0.120	116.	10-129	18.8	38	L513676-01	WG533560	
1,3-Dichloropropane	mg/kg	0.141	0.127	113.	31-137	10.9	29	L513676-01	WG533560	
1,4-Dichlorobenzene	mg/kg	0.144	0.123	115.	10-121	15.2	36	L513676-01	WG533560	
2,2-Dichloropropane	mg/kg	0.187	0.135	150.*	18-144	32.1*	32	L513676-01	WG533560	
2-Butanone (MEK)	mg/kg	0.800	0.678	128.	21-143	16.6	37	L513676-01	WG533560	
2-Chloroethyl vinyl ether	mg/kg	0.639	0.557	102.	0-176	13.7	50	L513676-01	WG533560	
2-Chlorotoluene	mg/kg	0.152	0.124	122.	10-132	20.6	37	L513676-01	WG533560	
4-Chlorotoluene	mg/kg	0.151	0.123	121.	10-129	20.1	38	L513676-01	WG533560	
4-Methyl-2-pentanone (MIBK)	mg/kg	0.892	0.770	143.	31-151	14.7	36	L513676-01	WG533560	
Acetone	mg/kg	0.846	0.711	135.	13-158	17.4	34	L513676-01	WG533560	
Acrylonitrile	mg/kg	0.798	0.679	128.	20-154	16.2	35	L513676-01	WG533560	
Benzene	mg/kg	0.164	0.133	131.	16-143	21.1	31	L513676-01	WG533560	
Bromobenzene	mg/kg	0.146	0.124	116.	14-135	15.9	39	L513676-01	WG533560	
Bromodichloromethane	mg/kg	0.154	0.134	123.	27-139	14.1	30	L513676-01	WG533560	
Bromoform	mg/kg	0.158	0.139	127.	21-144	12.7	34	L513676-01	WG533560	
Bromomethane	mg/kg	0.177	0.141	141.	0-180	22.4	41	L513676-01	WG533560	
Carbon tetrachloride	mg/kg	0.194	0.143	155.*	12-149	30.5	34	L513676-01	WG533560	
Chlorobenzene	mg/kg	0.147	0.125	117.	17-134	16.3	34	L513676-01	WG533560	
Chlorodibromomethane	mg/kg	0.147	0.131	118.	28-147	11.6	32	L513676-01	WG533560	
Chloroethane	mg/kg	0.196	0.151	157.	0-172	25.8	38	L513676-01	WG533560	
Chloroform	mg/kg	0.175	0.143	140.*	28-138	19.7	30	L513676-01	WG533560	
Chloromethane	mg/kg	0.169	0.130	135.	10-158	26.0	35	L513676-01	WG533560	
cis-1,2-Dichloroethene	mg/kg	0.163	0.133	130.	21-147	20.6	31	L513676-01	WG533560	
cis-1,3-Dichloropropene	mg/kg	0.153	0.134	122.	17-145	13.1	32	L513676-01	WG533560	
Di-isopropyl ether	mg/kg	0.165	0.141	132.	31-153	15.5	29	L513676-01	WG533560	
Dibromomethane	mg/kg	0.147	0.130	118.	24-147	12.4	30	L513676-01	WG533560	
Dichlorodifluoromethane	mg/kg	0.191	0.130	153.	0-192	38.2*	38	L513676-01	WG533560	
Ethylbenzene	mg/kg	0.157	0.127	125.	12-137	21.3	36	L513676-01	WG533560	
Hexachloro-1,3-butadiene	mg/kg	0.124	0.105	99.2	10-123	16.9	50	L513676-01	WG533560	
Isopropylbenzene	mg/kg	0.171	0.137	137.*	14-134	22.2	37	L513676-01	WG533560	
Methyl tert-butyl ether	mg/kg	0.162	0.142	130.	21-157	13.2	31	L513676-01	WG533560	
Methylene Chloride	mg/kg	0.160	0.136	128.	12-149	16.6	31	L513676-01	WG533560	
n-Butylbenzene	mg/kg	0.151	0.121	120.	10-130	22.1	48	L513676-01	WG533560	
n-Propylbenzene	mg/kg	0.162	0.127	130.	10-130	24.5	40	L513676-01	WG533560	
Naphthalene	mg/kg	0.120	0.105	95.8	0-146	13.5	43	L513676-01	WG533560	
p-Isopropyltoluene	mg/kg	0.159	0.125	127.	10-131	23.7	43	L513676-01	WG533560	
sec-Butylbenzene	mg/kg	0.158	0.124	126.	10-134	24.2	43	L513676-01	WG533560	
Styrene	mg/kg	0.110	0.0922	88.3	10-140	17.9	35	L513676-01	WG533560	
tert-Butylbenzene	mg/kg	0.157	0.126	126.	11-137	22.1	39	L513676-01	WG533560	
Tetrachloroethene	mg/kg	0.152	0.119	122.	10-131	24.1	35	L513676-01	WG533560	
Toluene	mg/kg	0.157	0.129	126.	12-136	19.7	32	L513676-01	WG533560	
trans-1,2-Dichloroethene	mg/kg	0.165	0.129	132.	10-143	25.0	33	L513676-01	WG533560	
trans-1,3-Dichloropropene	mg/kg	0.144	0.124	115.	16-147	14.7	32	L513676-01	WG533560	
Trichloroethene	mg/kg	0.154	0.122	123.	10-155	23.0	33	L513676-01	WG533560	
Trichlorofluoromethane	mg/kg	0.208	0.147	166.*	10-154	34.6*	32	L513676-01	WG533560	
Vinyl chloride	mg/kg	0.163	0.121	130.	10-159	29.2	36	L513676-01	WG533560	
Xylenes, Total	mg/kg	0.465	0.384	124.	10-138	19.2	36	L513676-01	WG533560	
4-Bromofluorobenzene				98.69	59-140				WG533560	
Dibromofluoromethane				112.9	63-139				WG533560	
Toluene-d8				101.8	84-116				WG533560	
a,a,a-Trifluorotoluene				101.7	80-118				WG533560	
1,1,1,2-Tetrachloroethane	mg/kg	0.0209	0.0195	83.5	29-145	6.82	31	L513713-10	WG533815	
1,1,1-Trichloroethane	mg/kg	0.0212	0.0207	84.7	23-147	2.36	32	L513713-10	WG533815	
1,1,2,2-Tetrachloroethane	mg/kg	0.0233	0.0238	93.1	18-150	2.22	33	L513713-10	WG533815	
1,1,2-Trichloroethane	mg/kg	0.0214	0.0201	85.4	35-140	5.97	29	L513713-10	WG533815	
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0217	0.0224	86.8	10-145	3.03	35	L513713-10	WG533815	

* Performance of this Analyte is outside of established criteria.

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YOUR LAB OF CHOICE

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Tax I.D. 62-0814289

Est. 1970

Quality Assurance Report
Level II

L513401

May 04, 2011

Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit	Ref Samp	Batch
			Ref	%Rec					
1,1-Dichloroethane	mg/kg	0.0216	0.0209	86.5	24-148	3.51	31	L513713-10	WG533815
1,1-Dichloroethene	mg/kg	0.0207	0.0213	82.7	10-149	3.13	34	L513713-10	WG533815
1,1-Dichloropropene	mg/kg	0.0216	0.0209	86.4	10-141	3.40	34	L513713-10	WG533815
1,2,3-Trichlorobenzene	mg/kg	0.0210	0.0195	83.8	10-129	7.13	43	L513713-10	WG533815
1,2,3-Trichloropropane	mg/kg	0.0236	0.0237	94.5	30-148	0.360	32	L513713-10	WG533815
1,2,3-Trimethylbenzene	mg/kg	0.0211	0.0201	84.4	10-137	4.94	36	L513713-10	WG533815
1,2,4-Trichlorobenzene	mg/kg	0.0207	0.0195	83.0	10-119	6.32	44	L513713-10	WG533815
1,2,4-Trimethylbenzene	mg/kg	0.0214	0.0200	80.3	10-145	6.67	41	L513713-10	WG533815
1,2-Dibromo-3-Chloropropane	mg/kg	0.0231	0.0244	92.2	19-145	5.49	35	L513713-10	WG533815
1,2-Dibromoethane	mg/kg	0.0216	0.0201	86.4	24-145	7.08	31	L513713-10	WG533815
1,2-Dichlorobenzene	mg/kg	0.0210	0.0199	84.0	12-130	5.35	35	L513713-10	WG533815
1,2-Dichloroethane	mg/kg	0.0218	0.0208	87.0	21-155	4.51	29	L513713-10	WG533815
1,2-Dichloropropane	mg/kg	0.0208	0.0196	83.4	28-144	6.35	30	L513713-10	WG533815
1,3,5-Trimethylbenzene	mg/kg	0.0216	0.0207	84.6	10-135	4.56	39	L513713-10	WG533815
1,3-Dichlorobenzene	mg/kg	0.0208	0.0196	83.0	10-129	5.91	38	L513713-10	WG533815
1,3-Dichloropropane	mg/kg	0.0217	0.0208	86.9	31-137	4.23	29	L513713-10	WG533815
1,4-Dichlorobenzene	mg/kg	0.0208	0.0191	83.0	10-121	8.10	36	L513713-10	WG533815
2,2-Dichloropropane	mg/kg	0.0220	0.0207	87.9	18-144	6.21	32	L513713-10	WG533815
2-Butanone (MEK)	mg/kg	0.123	0.122	92.7	21-143	0.790	37	L513713-10	WG533815
2-Chloroethyl vinyl ether	mg/kg	0.118	0.114	94.6	0-176	3.86	50	L513713-10	WG533815
2-Chlorotoluene	mg/kg	0.0208	0.0190	83.2	10-132	9.16	37	L513713-10	WG533815
4-Chlorotoluene	mg/kg	0.0209	0.0194	83.6	10-129	7.21	38	L513713-10	WG533815
4-Methyl-2-pentanone (MIBK)	mg/kg	0.122	0.125	97.8	31-151	2.04	36	L513713-10	WG533815
Acetone	mg/kg	0.122	0.127	18.5	13-158	4.39	34	L513713-10	WG533815
Acrylonitrile	mg/kg	0.118	0.123	94.2	20-154	4.12	35	L513713-10	WG533815
Benzene	mg/kg	0.0204	0.0201	81.7	16-143	1.65	31	L513713-10	WG533815
Bromobenzene	mg/kg	0.0202	0.0186	80.7	14-135	8.21	39	L513713-10	WG533815
Bromodichloromethane	mg/kg	0.0219	0.0206	87.5	27-139	5.99	30	L513713-10	WG533815
Bromoform	mg/kg	0.0215	0.0216	86.1	21-144	0.330	34	L513713-10	WG533815
Bromomethane	mg/kg	0.0173	0.0176	69.0	0-180	1.84	41	L513713-10	WG533815
Carbon tetrachloride	mg/kg	0.0205	0.0212	82.1	12-149	3.24	34	L513713-10	WG533815
Chlorobenzene	mg/kg	0.0212	0.0195	84.7	17-134	7.96	34	L513713-10	WG533815
Chlorodibromomethane	mg/kg	0.0230	0.0214	92.1	28-147	7.31	32	L513713-10	WG533815
Chloroethane	mg/kg	0.0177	0.0169	71.0	0-172	4.76	38	L513713-10	WG533815
Chloroform	mg/kg	0.0216	0.0211	86.5	28-138	2.65	30	L513713-10	WG533815
Chloromethane	mg/kg	0.0184	0.0172	73.7	10-158	7.10	35	L513713-10	WG533815
cis-1,2-Dichloroethene	mg/kg	0.0211	0.0205	84.3	21-147	2.71	31	L513713-10	WG533815
cis-1,3-Dichloropropene	mg/kg	0.0222	0.0197	88.8	17-145	11.7	32	L513713-10	WG533815
Di-isopropyl ether	mg/kg	0.0206	0.0203	82.2	31-153	1.44	29	L513713-10	WG533815
Dibromomethane	mg/kg	0.0221	0.0219	88.5	24-147	0.990	30	L513713-10	WG533815
Dichlorodifluoromethane	mg/kg	0.0196	0.0194	78.6	0-192	1.34	38	L513713-10	WG533815
Ethylbenzene	mg/kg	0.0208	0.0199	80.0	12-137	4.66	36	L513713-10	WG533815
Hexachloro-1,3-butadiene	mg/kg	0.0210	0.0191	84.1	10-123	9.43	50	L513713-10	WG533815
Isopropylbenzene	mg/kg	0.0214	0.0200	85.8	14-134	7.18	37	L513713-10	WG533815
Methyl tert-butyl ether	mg/kg	0.0222	0.0227	88.9	21-157	2.10	31	L513713-10	WG533815
Methylene Chloride	mg/kg	0.0222	0.0235	88.8	12-149	5.71	31	L513713-10	WG533815
n-Butylbenzene	mg/kg	0.0210	0.0206	83.9	10-130	2.09	48	L513713-10	WG533815
n-Propylbenzene	mg/kg	0.0208	0.0198	83.3	10-130	4.88	40	L513713-10	WG533815
Naphthalene	mg/kg	0.0219	0.0204	87.6	0-146	7.17	43	L513713-10	WG533815
p-Isopropyltoluene	mg/kg	0.0218	0.0203	87.3	10-131	7.32	43	L513713-10	WG533815
sec-Butylbenzene	mg/kg	0.0211	0.0201	81.6	10-134	4.94	43	L513713-10	WG533815
Styrene	mg/kg	0.0213	0.0202	85.2	10-140	5.18	35	L513713-10	WG533815
tert-Butylbenzene	mg/kg	0.0220	0.0207	87.9	11-137	6.21	39	L513713-10	WG533815
Tetrachloroethene	mg/kg	0.0211	0.0200	84.5	10-131	5.66	35	L513713-10	WG533815
Toluene	mg/kg	0.0212	0.0196	79.6	12-136	8.00	32	L513713-10	WG533815
trans-1,2-Dichloroethene	mg/kg	0.0220	0.0219	88.1	10-143	0.530	33	L513713-10	WG533815
trans-1,3-Dichloropropene	mg/kg	0.0233	0.0209	90.8	16-147	11.0	32	L513713-10	WG533815
Trichloroethene	mg/kg	0.0216	0.0200	86.5	10-155	7.78	33	L513713-10	WG533815
Trichlorofluoromethane	mg/kg	0.0192	0.0186	76.8	10-154	3.24	32	L513713-10	WG533815

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Quality Assurance Report
Level II

Mountlake Terrace, WA 98043

May 04, 2011

L513401

Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit	Ref	Samp	Batch
			Ref	%Rec						
Vinyl chloride	mg/kg	0.0173	0.0177	69.1	10-159	2.47	36	L513713-10		WG533815
Xylenes, Total	mg/kg	0.0635	0.0610	80.0	10-138	3.93	36	L513713-10		WG533815
4-Bromofluorobenzene				102.0	59-140					WG533815
Dibromofluoromethane				101.2	63-139					WG533815
Toluene-d8				99.88	84-116					WG533815
a,a,a-Trifluorotoluene				100.2	80-118					WG533815
1,1,1,2-Tetrachloroethane	mg/kg	0.0256	0.0233	102.	29-145	9.66	31	L513401-01		WG533313
1,1,1-Trichloroethane	mg/kg	0.0263	0.0217	105.	23-147	19.2	32	L513401-01		WG533313
1,1,2,2-Tetrachloroethane	mg/kg	0.0222	0.0199	88.6	18-150	10.9	33	L513401-01		WG533313
1,1,2-Trichloroethane	mg/kg	0.0230	0.0209	92.1	35-140	9.68	29	L513401-01		WG533313
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0330	0.0261	132.	10-145	23.3	35	L513401-01		WG533313
1,1-Dichloroethane	mg/kg	0.0232	0.0205	92.8	24-148	12.3	31	L513401-01		WG533313
1,1-Dichloroethene	mg/kg	0.0269	0.0224	108.	10-149	18.4	34	L513401-01		WG533313
1,1-Dichloropropene	mg/kg	0.0236	0.0190	94.2	10-141	21.2	34	L513401-01		WG533313
1,2,3-Trichlorobenzene	mg/kg	0.0234	0.0224	93.5	10-129	4.30	43	L513401-01		WG533313
1,2,3-Trichloropropane	mg/kg	0.0236	0.0214	94.4	30-148	9.69	32	L513401-01		WG533313
1,2,3-Trimethylbenzene	mg/kg	0.0234	0.0219	93.6	10-137	6.77	36	L513401-01		WG533313
1,2,4-Trichlorobenzene	mg/kg	0.0248	0.0231	99.1	10-119	7.05	44	L513401-01		WG533313
1,2,4-Trimethylbenzene	mg/kg	0.0251	0.0220	100.	10-145	13.2	41	L513401-01		WG533313
1,2-Dibromo-3-Chloropropane	mg/kg	0.0221	0.0208	88.5	19-145	6.06	35	L513401-01		WG533313
1,2-Dibromoethane	mg/kg	0.0229	0.0213	91.6	24-145	7.21	31	L513401-01		WG533313
1,2-Dichlorobenzene	mg/kg	0.0228	0.0228	91.2	12-130	0.250	35	L513401-01		WG533313
1,2-Dichloropropene	mg/kg	0.0209	0.0199	83.4	21-155	4.60	29	L513401-01		WG533313
1,2-Dichloropropane	mg/kg	0.0212	0.0192	84.7	28-144	9.99	30	L513401-01		WG533313
1,3,5-Trimethylbenzene	mg/kg	0.0271	0.0230	108.	10-135	16.3	39	L513401-01		WG533313
1,3-Dichlorobenzene	mg/kg	0.0255	0.0236	102.	10-129	7.54	38	L513401-01		WG533313
1,3-Dichloropropane	mg/kg	0.0216	0.0202	86.4	31-137	6.83	29	L513401-01		WG533313
1,4-Dichlorobenzene	mg/kg	0.0239	0.0233	95.4	10-121	2.49	36	L513401-01		WG533313
2,2-Dichloropropane	mg/kg	0.0275	0.0225	110.	18-144	20.1	32	L513401-01		WG533313
2-Butanone (MEK)	mg/kg	0.0884	0.0818	70.7	21-143	7.83	37	L513401-01		WG533313
2-Chloroethyl vinyl ether	mg/kg	0.101	0.0925	81.0	0-176	8.94	50	L513401-01		WG533313
2-Chlorotoluene	mg/kg	0.0249	0.0218	99.5	10-132	13.2	37	L513401-01		WG533313
4-Chlorotoluene	mg/kg	0.0250	0.0223	99.9	10-129	11.3	38	L513401-01		WG533313
4-Methyl-2-pentanone (MIBK)	mg/kg	0.114	0.0992	91.0	31-151	13.7	36	L513401-01		WG533313
Acetone	mg/kg	0.0874	0.0857	69.9	13-158	1.95	34	L513401-01		WG533313
Acrylonitrile	mg/kg	0.105	0.0967	84.3	20-154	8.56	35	L513401-01		WG533313
Benzene	mg/kg	0.0214	0.0188	85.5	16-143	12.6	31	L513401-01		WG533313
Bromobenzene	mg/kg	0.0235	0.0213	94.0	14-135	9.64	39	L513401-01		WG533313
Bromodichloromethane	mg/kg	0.0209	0.0189	83.8	27-139	10.2	30	L513401-01		WG533313
Bromoform	mg/kg	0.0249	0.0226	99.6	21-144	9.75	34	L513401-01		WG533313
Bromomethane	mg/kg	0.0228	0.0201	91.1	0-180	12.3	41	L513401-01		WG533313
Carbon tetrachloride	mg/kg	0.0259	0.0204	104.	12-149	23.6	34	L513401-01		WG533313
Chlorobenzene	mg/kg	0.0244	0.0219	97.7	17-134	10.7	34	L513401-01		WG533313
Chlorodibromomethane	mg/kg	0.0242	0.0225	96.8	28-147	7.54	32	L513401-01		WG533313
Chloroethane	mg/kg	0.0218	0.0187	87.2	0-172	15.4	38	L513401-01		WG533313
Chloroform	mg/kg	0.0228	0.0205	91.3	28-138	10.9	30	L513401-01		WG533313
Chloromethane	mg/kg	0.0212	0.0185	84.8	10-158	13.5	35	L513401-01		WG533313
cis-1,2-Dichloroethene	mg/kg	0.0212	0.0190	84.6	21-147	10.7	31	L513401-01		WG533313
cis-1,3-Dichloropropene	mg/kg	0.0207	0.0193	83.0	17-145	7.27	32	L513401-01		WG533313
Di-isopropyl ether	mg/kg	0.0236	0.0220	94.4	31-153	7.09	29	L513401-01		WG533313
Dibromomethane	mg/kg	0.0204	0.0194	81.7	24-147	5.10	30	L513401-01		WG533313
Dichlorodifluoromethane	mg/kg	0.0197	0.0153	78.7	0-192	24.9	38	L513401-01		WG533313
Ethylbenzene	mg/kg	0.0261	0.0225	104.	12-137	15.1	36	L513401-01		WG533313
Hexachloro-1,3-butadiene	mg/kg	0.0286	0.0229	114.	10-123	22.0	50	L513401-01		WG533313
Isopropylbenzene	mg/kg	0.0294	0.0245	117.	14-134	18.1	37	L513401-01		WG533313
Methyl tert-butyl ether	mg/kg	0.0216	0.0196	86.6	21-157	9.80	31	L513401-01		WG533313
Methylene Chloride	mg/kg	0.0210	0.0199	83.8	12-149	5.28	31	L513401-01		WG533313

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Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit	Ref Samp	Batch
			Ref	%Rec					
n-Butylbenzene	mg/kg	0.0267	0.0229	107.	10-130	15.6	48	L513401-01	WG533313
n-Propylbenzene	mg/kg	0.0268	0.0224	107.	10-130	17.9	40	L513401-01	WG533313
Naphthalene	mg/kg	0.0220	0.0205	88.0	0-146	6.81	43	L513401-01	WG533313
p-Isopropyltoluene	mg/kg	0.0286	0.0231	114.	10-131	21.4	43	L513401-01	WG533313
sec-Butylbenzene	mg/kg	0.0287	0.0228	115.	10-134	22.9	43	L513401-01	WG533313
Styrene	mg/kg	0.0180	0.0167	71.8	10-140	7.50	35	L513401-01	WG533313
tert-Butylbenzene	mg/kg	0.0287	0.0235	115.	11-137	20.2	39	L513401-01	WG533313
Tetrachloroethene	mg/kg	0.0277	0.0228	104.	10-131	19.3	35	L513401-01	WG533313
Toluene	mg/kg	0.0219	0.0195	87.7	12-136	11.5	32	L513401-01	WG533313
trans-1,2-Dichloroethene	mg/kg	0.0222	0.0192	88.7	10-143	14.4	33	L513401-01	WG533313
trans-1,3-Dichloropropene	mg/kg	0.0205	0.0193	82.0	16-147	6.21	32	L513401-01	WG533313
Trichloroethene	mg/kg	0.0225	0.0190	90.1	10-155	17.0	33	L513401-01	WG533313
Trichlorofluoromethane	mg/kg	0.0261	0.0206	104.	10-154	23.6	32	L513401-01	WG533313
Vinyl chloride	mg/kg	0.0210	0.0179	83.9	10-159	15.5	36	L513401-01	WG533313
Xylenes, Total	mg/kg	0.0763	0.0662	102.	10-138	14.2	36	L513401-01	WG533313
4-Bromofluorobenzene				101.1	59-140				WG533313
Dibromofluoromethane				100.6	63-139				WG533313
Toluene-d8				99.81	84-116				WG533313
a,a,a-Trifluorotoluene				101.5	80-118				WG533313
1,2,3-Trichlorobenzene	mg/kg	0.108	0.0933	86.5	10-129	14.7	43	L513865-01	WG533849
n-Butylbenzene	mg/kg	0.0969	0.0921	77.5	10-130	5.10	48	L513865-01	WG533849
Naphthalene	mg/kg	0.0983	0.0854	78.7	0-146	14.1	43	L513865-01	WG533849
p-Isopropyltoluene	mg/kg	0.112	0.0999	89.7	10-131	11.5	43	L513865-01	WG533849
4-Bromofluorobenzene				105.6	59-140				WG533849
Dibromofluoromethane				103.3	63-139				WG533849
Toluene-d8				102.9	84-116				WG533849
a,a,a-Trifluorotoluene				110.5	80-118				WG533849

Batch number /Run number / Sample number cross reference

WG533560: R1670292: L513401-11
WG533815: R1670930: L513401-02 12
WG533313: R1670951: L513401-01 03 04 05 06 07 08 09 10
WG533588: R1671623: L513401-01 02 03 04 05 06 07 08 09 10
WG533589: R1671791: L513401-11 12
WG533849: R1672169: L513401-04

* * Calculations are performed prior to rounding of reported values.
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Est. 1970

May 04, 2011

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			Billing information: Eileen Osborne 21905 64th Ave W Ste 100 Mountlake Terrace, WA 98043			Analysis/Container/Preservative TS 4ozClr-NoPres V8260 40ml/NaHSO4/Syr/MeOH V8260 40mlAmb-HCl V8260- Trip Blank 40mlAmb-HCl-Bik VOC Screen 2ozClr-NoPres					of Custody C062 _____ of _____ L-A-B S-C-I-E-N-C-E-S 12065 Lebanon Road Mt. Juliet, TN 37122 Phone: (800) 767-5859 Phone: (615) 758-5858 Fax: (615) 758-5859	
Report to: Jon Einarsen			Email: jmeinarsen@terracon.com; C									
Project Description: Marketplace Retail Center			City/State Collected: Bothell, WA									
Phone: (425) 771-3304 FAX: (425) 771-3549		Client Project #: 81097016A	Lab Project #: TERRLWA-81097016A									
Collected by (print): CDF		Site/Facility ID#: _____	P.O.#: 81097016A									
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						
Immediately Packed on Ice N ___ Y ___												
Sample ID	Comp/Grab	Matrix*	Depth	Date	Time							
		SS				5	X	X		X		
		SS				5	X	X		X		
		SS				5	X	X		X		
MW-1		GW	35	5/10	1102	3			X			
MW-2		GW	32	5/10	1207	3			X			
MW-3		GW	32	5/10	1416	3			X			
MW-4		GW	32	5/10	1557	3			X			
MW-5		GW	25	5/9	1606	3			X			
MW-6		GW	25	5/9	1328	3			X			

Acctnum: **TERRLWA** (lab use only)
 Template/Prelogin: **T71065/P353401**
 Cooler #: **4-21 K10**
 Shipped Via: **FedEX 2nd Day**
 Remarks/Contaminant Sample # (lab only)

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

pH _____ Temp _____

Remarks:

Flow _____ Other _____

Relinquished by: (Signature)	Date: 5/10/11	Time: 1700	Received by: (Signature)	Samples returned via: ☒ FedEx ☐ UPS	Condition: OK (lab use only)
Relinquished by: (Signature)	Date: 5/11/11	Time: _____	Received by: (Signature)	Temp: 34.1	Bottles Received: 28
Relinquished by: (Signature) _____	Date: _____	Time: _____	Received for lab by: (Signature) 16mm wae	Date: 5/12/11	Time: 0630
				COC Seal Intact: ___ Y ___ N ___ NA	pH Checked: _____
				NCF: _____	

4355-9316 6139

Terracon- Lynnwood, WA 21905 64th Ave W Ste 100 Mountlake Terrace, WA 98043			Billing information: Eileen Osborne 21905 64th Ave W Ste 100 Mountlake Terrace, WA 98043			Analysis/Container/Preservative TS 4ozClr-NoPres V8260 40ml/NaHSO4/Syr/MeOH V8260 40ml/Amb-HCl V8260- Trip Blank 40ml/Amb-HCl-Blk VOC Screen 2ozClr-NoPres				Chain of Custody Page ___ of ___ ESC L.A.B S.C.I.E.N.C.E.S 12065 Lebanon Road Mt. Juliet, TN 37122 Phone: (800) 767-5859 Phone: (615) 758-5858 Fax: (615) 758-5859	
Report to: Jon Einarsen			Email: jmeinarsen@terracon.com; C								
Project Description: Marketplace Retail Center			City/State Collected: Bothell, WA								
Phone: (425) 771-3304 FAX: (425) 771-3549		Client Project #: 81097016A		Lab Project #: TERRLWA-81097016A							
Collected by (print): <i>[Signature]</i>		Site/Facility ID#: _____		P.O.#: 81097016A							
Collected by (signature): <i>[Signature]</i> Immediately Packed on Ice N ___ Y X		Rush? (Lab MUST Be Notified) ___ Same Day200% ___ Next Day100% ___ Two Day50% ___ Three Day25%		Date Results Needed Email? ___No ___Yes FAX? ___No ___Yes		No. of Cntrs					
Sample ID		Comp/Grab	Matrix*	Depth	Date	Time					
MW-7			GW	30	5/9	1103	3				
MW-8			GW	44	5/10	0932	3				
MW-9			GW		5/10	1615	3				
 			GW				3				
 			GW				3				
 			GW				3				
TRIP BLANK			GW				1				

Acctnum: **TERRLWA** (lab use only)
 Template/Prelogin: **T71065/ P353401**
 Cooler #: **4-21 KW**
 Shipped Via: **FedEX 2nd Day**

Remarks/Contaminant Sample # (lab only)

L515719-07
 -08
 -09

-10

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

pH _____ Temp _____

Remarks:

Flow _____ Other _____

Relinquished by: (Signature) <i>[Signature]</i>	Date: 5/10/11	Time: 1700	Received by: (Signature) <i>[Signature]</i>	Samples returned via: ☒ UPS ☒ FedEx ☐ Courier ☐	Condition: OK (lab use only)
Relinquished by: (Signature) <i>[Signature]</i>	Date: 5/11/11	Time: _____	Received by: (Signature) <i>[Signature]</i>	Temp: 3.6	Bottles Received: 28 ✓
Relinquished by: (Signature) _____	Date: _____	Time: _____	Received for lab by: (Signature) <i>[Signature]</i>	Date: 5/12/11	Time: 0630
				pH Checked: _____	NCF: _____



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

Report Summary

Wednesday May 18, 2011

Report Number: L515719

Samples Received: 05/12/11

Client Project: 81097016A

Description: Marketplace Retail Center

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

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, NV - TN000032008A,
TX - T104704245, OK-9915

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Note: The use of the preparatory EPA Method 3511 is not approved or endorsed by the CA ELAP.

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REPORT OF ANALYSIS

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

May 18, 2011

Date Received : May 12, 2011
Description : Marketplace Retail Center

Sample ID : MW-1

Collected By : CDF
Collection Date : 05/10/11 11:02

ESC Sample # : L515719-01

Site ID :

Project # : 81097016A

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Volatile Organics								
Acetone	U	16.	50.	ug/l		8260B	05/12/11	1
Acrolein	U	7.6	50.	ug/l		8260B	05/12/11	1
Acrylonitrile	U	1.9	10.	ug/l		8260B	05/12/11	1
Benzene	U	0.23	1.0	ug/l		8260B	05/12/11	1
Bromobenzene	U	0.23	1.0	ug/l		8260B	05/12/11	1
Bromodichloromethane	U	0.23	1.0	ug/l		8260B	05/12/11	1
Bromoform	U	0.37	1.0	ug/l		8260B	05/12/11	1
Bromomethane	U	1.6	5.0	ug/l		8260B	05/12/11	1
n-Butylbenzene	U	0.31	1.0	ug/l		8260B	05/12/11	1
sec-Butylbenzene	U	0.22	1.0	ug/l		8260B	05/12/11	1
tert-Butylbenzene	U	0.20	1.0	ug/l		8260B	05/12/11	1
Carbon tetrachloride	U	0.20	1.0	ug/l		8260B	05/12/11	1
Chlorobenzene	U	0.30	1.0	ug/l		8260B	05/12/11	1
Chlorodibromomethane	U	0.24	1.0	ug/l		8260B	05/12/11	1
Chloroethane	U	0.87	5.0	ug/l		8260B	05/12/11	1
2-Chloroethyl vinyl ether	U	5.7	50.	ug/l		8260B	05/12/11	1
Chloroform	U	0.27	5.0	ug/l		8260B	05/12/11	1
Chloromethane	U	0.76	2.5	ug/l		8260B	05/12/11	1
2-Chlorotoluene	U	0.28	1.0	ug/l		8260B	05/12/11	1
4-Chlorotoluene	U	0.20	1.0	ug/l		8260B	05/12/11	1
1,2-Dibromo-3-Chloropropane	U	1.3	5.0	ug/l		8260B	05/12/11	1
1,2-Dibromoethane	U	0.27	1.0	ug/l		8260B	05/12/11	1
Dibromomethane	U	0.35	1.0	ug/l		8260B	05/12/11	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l		8260B	05/12/11	1
1,3-Dichlorobenzene	U	0.29	1.0	ug/l		8260B	05/12/11	1
1,4-Dichlorobenzene	U	0.31	1.0	ug/l		8260B	05/12/11	1
Dichlorodifluoromethane	U	1.6	5.0	ug/l		8260B	05/12/11	1
1,1-Dichloroethane	U	0.32	1.0	ug/l		8260B	05/12/11	1
1,2-Dichloroethane	U	0.25	1.0	ug/l		8260B	05/12/11	1
1,1-Dichloroethene	U	0.41	1.0	ug/l		8260B	05/12/11	1
cis-1,2-Dichloroethene	U	0.34	1.0	ug/l		8260B	05/12/11	1
trans-1,2-Dichloroethene	U	0.26	1.0	ug/l		8260B	05/12/11	1
1,2-Dichloropropane	U	0.39	1.0	ug/l		8260B	05/12/11	1
1,1-Dichloropropene	U	0.26	1.0	ug/l		8260B	05/12/11	1
1,3-Dichloropropene	U	0.28	1.0	ug/l		8260B	05/12/11	1
cis-1,3-Dichloropropene	U	0.25	1.0	ug/l		8260B	05/12/11	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l		8260B	05/12/11	1
2,2-Dichloropropane	U	0.36	1.0	ug/l		8260B	05/12/11	1
Di-isopropyl ether	U	0.26	1.0	ug/l		8260B	05/12/11	1
Ethylbenzene	U	0.22	1.0	ug/l		8260B	05/12/11	1
Hexachloro-1,3-butadiene	U	0.38	1.0	ug/l		8260B	05/12/11	1
Isopropylbenzene	U	0.20	1.0	ug/l		8260B	05/12/11	1

U = ND (Not Detected)

RDL = Reported Detection Limit = LOQ = PQL = EQL

MDL = Minimum Detection Limit = LOD = SQL(TRRP)

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REPORT OF ANALYSIS

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

May 18, 2011

Date Received : May 12, 2011
Description : Marketplace Retail Center

Sample ID : MW-1

Collected By : CDF
Collection Date : 05/10/11 11:02

ESC Sample # : L515719-01

Site ID :

Project # : 81097016A

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
p-Isopropyltoluene	U	0.31	1.0	ug/l		8260B	05/12/11	1
2-Butanone (MEK)	U	3.4	10.	ug/l		8260B	05/12/11	1
Methylene Chloride	U	0.91	5.0	ug/l		8260B	05/12/11	1
4-Methyl-2-pentanone (MIBK)	U	1.7	10.	ug/l		8260B	05/12/11	1
Methyl tert-butyl ether	U	0.63	1.0	ug/l		8260B	05/12/11	1
Naphthalene	U	0.98	5.0	ug/l		8260B	05/12/11	1
n-Propylbenzene	U	0.31	1.0	ug/l		8260B	05/12/11	1
Styrene	U	0.24	1.0	ug/l	J4	8260B	05/12/11	1
1,1,1,2-Tetrachloroethane	U	0.32	1.0	ug/l		8260B	05/12/11	1
1,1,2,2-Tetrachloroethane	U	0.25	1.0	ug/l		8260B	05/12/11	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.39	1.0	ug/l		8260B	05/12/11	1
Tetrachloroethene	1.3	0.32	1.0	ug/l		8260B	05/12/11	1
Toluene	U	0.32	5.0	ug/l		8260B	05/12/11	1
1,2,3-Trichlorobenzene	U	0.32	1.0	ug/l		8260B	05/12/11	1
1,2,4-Trichlorobenzene	U	0.35	1.0	ug/l		8260B	05/12/11	1
1,1,1-Trichloroethane	U	0.31	1.0	ug/l		8260B	05/12/11	1
1,1,2-Trichloroethane	U	0.29	1.0	ug/l		8260B	05/12/11	1
Trichloroethene	U	0.31	1.0	ug/l		8260B	05/12/11	1
Trichlorofluoromethane	U	1.1	5.0	ug/l		8260B	05/12/11	1
1,2,3-Trichloropropane	U	0.74	2.5	ug/l		8260B	05/12/11	1
1,2,4-Trimethylbenzene	U	0.18	1.0	ug/l		8260B	05/12/11	1
1,2,3-Trimethylbenzene	U	0.30	1.0	ug/l		8260B	05/12/11	1
1,3,5-Trimethylbenzene	U	0.33	1.0	ug/l		8260B	05/12/11	1
Vinyl chloride	U	0.34	1.0	ug/l		8260B	05/12/11	1
Xylenes, Total	U	0.86	3.0	ug/l		8260B	05/12/11	1
Surrogate Recovery								
Toluene-d8	103.			% Rec.		8260B	05/12/11	1
Dibromofluoromethane	100.			% Rec.		8260B	05/12/11	1
4-Bromofluorobenzene	100.			% Rec.		8260B	05/12/11	1

U = ND (Not Detected)

RDL = Reported Detection Limit = LOQ = PQL = EQL

MDL = Minimum Detection Limit = LOD = SQL(TRRP)

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REPORT OF ANALYSIS

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

May 18, 2011

Date Received : May 12, 2011
Description : Marketplace Retail Center

Sample ID : MW-2

Collected By : CDF
Collection Date : 05/10/11 12:07

ESC Sample # : L515719-02

Site ID :

Project # : 81097016A

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Volatile Organics								
Acetone	U	16.	50.	ug/l		8260B	05/12/11	1
Acrolein	U	7.6	50.	ug/l		8260B	05/12/11	1
Acrylonitrile	U	1.9	10.	ug/l		8260B	05/12/11	1
Benzene	U	0.23	1.0	ug/l		8260B	05/12/11	1
Bromobenzene	U	0.23	1.0	ug/l		8260B	05/12/11	1
Bromodichloromethane	U	0.23	1.0	ug/l		8260B	05/12/11	1
Bromoform	U	0.37	1.0	ug/l		8260B	05/12/11	1
Bromomethane	U	1.6	5.0	ug/l		8260B	05/12/11	1
n-Butylbenzene	U	0.31	1.0	ug/l		8260B	05/12/11	1
sec-Butylbenzene	U	0.22	1.0	ug/l		8260B	05/12/11	1
tert-Butylbenzene	U	0.20	1.0	ug/l		8260B	05/12/11	1
Carbon tetrachloride	U	0.20	1.0	ug/l		8260B	05/12/11	1
Chlorobenzene	U	0.30	1.0	ug/l		8260B	05/12/11	1
Chlorodibromomethane	U	0.24	1.0	ug/l		8260B	05/12/11	1
Chloroethane	U	0.87	5.0	ug/l		8260B	05/12/11	1
2-Chloroethyl vinyl ether	U	5.7	50.	ug/l		8260B	05/12/11	1
Chloroform	0.41	0.27	5.0	ug/l	J	8260B	05/12/11	1
Chloromethane	U	0.76	2.5	ug/l		8260B	05/12/11	1
2-Chlorotoluene	U	0.28	1.0	ug/l		8260B	05/12/11	1
4-Chlorotoluene	U	0.20	1.0	ug/l		8260B	05/12/11	1
1,2-Dibromo-3-Chloropropane	U	1.3	5.0	ug/l		8260B	05/12/11	1
1,2-Dibromoethane	U	0.27	1.0	ug/l		8260B	05/12/11	1
Dibromomethane	U	0.35	1.0	ug/l		8260B	05/12/11	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l		8260B	05/12/11	1
1,3-Dichlorobenzene	U	0.29	1.0	ug/l		8260B	05/12/11	1
1,4-Dichlorobenzene	U	0.31	1.0	ug/l		8260B	05/12/11	1
Dichlorodifluoromethane	U	1.6	5.0	ug/l		8260B	05/12/11	1
1,1-Dichloroethane	U	0.32	1.0	ug/l		8260B	05/12/11	1
1,2-Dichloroethane	U	0.25	1.0	ug/l		8260B	05/12/11	1
1,1-Dichloroethene	U	0.41	1.0	ug/l		8260B	05/12/11	1
cis-1,2-Dichloroethene	U	0.34	1.0	ug/l		8260B	05/12/11	1
trans-1,2-Dichloroethene	U	0.26	1.0	ug/l		8260B	05/12/11	1
1,2-Dichloropropane	U	0.39	1.0	ug/l		8260B	05/12/11	1
1,1-Dichloropropene	U	0.26	1.0	ug/l		8260B	05/12/11	1
1,3-Dichloropropene	U	0.28	1.0	ug/l		8260B	05/12/11	1
cis-1,3-Dichloropropene	U	0.25	1.0	ug/l		8260B	05/12/11	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l		8260B	05/12/11	1
2,2-Dichloropropane	U	0.36	1.0	ug/l		8260B	05/12/11	1
Di-isopropyl ether	U	0.26	1.0	ug/l		8260B	05/12/11	1
Ethylbenzene	U	0.22	1.0	ug/l		8260B	05/12/11	1
Hexachloro-1,3-butadiene	U	0.38	1.0	ug/l		8260B	05/12/11	1
Isopropylbenzene	U	0.20	1.0	ug/l		8260B	05/12/11	1

U = ND (Not Detected)

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REPORT OF ANALYSIS

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

May 18, 2011

Date Received : May 12, 2011
Description : Marketplace Retail Center

Sample ID : MW-2

Collected By : CDF
Collection Date : 05/10/11 12:07

ESC Sample # : L515719-02

Site ID :

Project # : 81097016A

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
p-Isopropyltoluene	U	0.31	1.0	ug/l		8260B	05/12/11	1
2-Butanone (MEK)	U	3.4	10.	ug/l		8260B	05/12/11	1
Methylene Chloride	U	0.91	5.0	ug/l		8260B	05/12/11	1
4-Methyl-2-pentanone (MIBK)	U	1.7	10.	ug/l		8260B	05/12/11	1
Methyl tert-butyl ether	U	0.63	1.0	ug/l		8260B	05/12/11	1
Naphthalene	U	0.98	5.0	ug/l		8260B	05/12/11	1
n-Propylbenzene	U	0.31	1.0	ug/l		8260B	05/12/11	1
Styrene	U	0.24	1.0	ug/l	J4	8260B	05/12/11	1
1,1,1,2-Tetrachloroethane	U	0.32	1.0	ug/l		8260B	05/12/11	1
1,1,2,2-Tetrachloroethane	U	0.25	1.0	ug/l		8260B	05/12/11	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.39	1.0	ug/l		8260B	05/12/11	1
Tetrachloroethene	U	0.32	1.0	ug/l		8260B	05/12/11	1
Toluene	U	0.32	5.0	ug/l		8260B	05/12/11	1
1,2,3-Trichlorobenzene	U	0.32	1.0	ug/l		8260B	05/12/11	1
1,2,4-Trichlorobenzene	U	0.35	1.0	ug/l		8260B	05/12/11	1
1,1,1-Trichloroethane	U	0.31	1.0	ug/l		8260B	05/12/11	1
1,1,2-Trichloroethane	U	0.29	1.0	ug/l		8260B	05/12/11	1
Trichloroethene	U	0.31	1.0	ug/l		8260B	05/12/11	1
Trichlorofluoromethane	U	1.1	5.0	ug/l		8260B	05/12/11	1
1,2,3-Trichloropropane	U	0.74	2.5	ug/l		8260B	05/12/11	1
1,2,4-Trimethylbenzene	U	0.18	1.0	ug/l		8260B	05/12/11	1
1,2,3-Trimethylbenzene	U	0.30	1.0	ug/l		8260B	05/12/11	1
1,3,5-Trimethylbenzene	U	0.33	1.0	ug/l		8260B	05/12/11	1
Vinyl chloride	U	0.34	1.0	ug/l		8260B	05/12/11	1
Xylenes, Total	U	0.86	3.0	ug/l		8260B	05/12/11	1
Surrogate Recovery								
Toluene-d8	102.			% Rec.		8260B	05/12/11	1
Dibromofluoromethane	101.			% Rec.		8260B	05/12/11	1
4-Bromofluorobenzene	97.0			% Rec.		8260B	05/12/11	1

U = ND (Not Detected)

RDL = Reported Detection Limit = LOQ = PQL = EQL

MDL = Minimum Detection Limit = LOD = SQL(TRRP)

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

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

May 18, 2011

Date Received : May 12, 2011
Description : Marketplace Retail Center

Sample ID : MW-3

Collected By : CDF
Collection Date : 05/10/11 14:16

ESC Sample # : L515719-03

Site ID :

Project # : 81097016A

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Volatile Organics								
Acetone	U	16.	50.	ug/l		8260B	05/12/11	1
Acrolein	U	7.6	50.	ug/l		8260B	05/12/11	1
Acrylonitrile	U	1.9	10.	ug/l		8260B	05/12/11	1
Benzene	U	0.23	1.0	ug/l		8260B	05/12/11	1
Bromobenzene	U	0.23	1.0	ug/l		8260B	05/12/11	1
Bromodichloromethane	U	0.23	1.0	ug/l		8260B	05/12/11	1
Bromoform	U	0.37	1.0	ug/l		8260B	05/12/11	1
Bromomethane	U	1.6	5.0	ug/l		8260B	05/12/11	1
n-Butylbenzene	U	0.31	1.0	ug/l		8260B	05/12/11	1
sec-Butylbenzene	U	0.22	1.0	ug/l		8260B	05/12/11	1
tert-Butylbenzene	U	0.20	1.0	ug/l		8260B	05/12/11	1
Carbon tetrachloride	U	0.20	1.0	ug/l		8260B	05/12/11	1
Chlorobenzene	U	0.30	1.0	ug/l		8260B	05/12/11	1
Chlorodibromomethane	U	0.24	1.0	ug/l		8260B	05/12/11	1
Chloroethane	U	0.87	5.0	ug/l		8260B	05/12/11	1
2-Chloroethyl vinyl ether	U	5.7	50.	ug/l		8260B	05/12/11	1
Chloroform	U	0.27	5.0	ug/l		8260B	05/12/11	1
Chloromethane	U	0.76	2.5	ug/l		8260B	05/12/11	1
2-Chlorotoluene	U	0.28	1.0	ug/l		8260B	05/12/11	1
4-Chlorotoluene	U	0.20	1.0	ug/l		8260B	05/12/11	1
1,2-Dibromo-3-Chloropropane	U	1.3	5.0	ug/l		8260B	05/12/11	1
1,2-Dibromoethane	U	0.27	1.0	ug/l		8260B	05/12/11	1
Dibromomethane	U	0.35	1.0	ug/l		8260B	05/12/11	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l		8260B	05/12/11	1
1,3-Dichlorobenzene	U	0.29	1.0	ug/l		8260B	05/12/11	1
1,4-Dichlorobenzene	U	0.31	1.0	ug/l		8260B	05/12/11	1
Dichlorodifluoromethane	U	1.6	5.0	ug/l		8260B	05/12/11	1
1,1-Dichloroethane	U	0.32	1.0	ug/l		8260B	05/12/11	1
1,2-Dichloroethane	U	0.25	1.0	ug/l		8260B	05/12/11	1
1,1-Dichloroethene	U	0.41	1.0	ug/l		8260B	05/12/11	1
cis-1,2-Dichloroethene	U	0.34	1.0	ug/l		8260B	05/12/11	1
trans-1,2-Dichloroethene	U	0.26	1.0	ug/l		8260B	05/12/11	1
1,2-Dichloropropane	U	0.39	1.0	ug/l		8260B	05/12/11	1
1,1-Dichloropropene	U	0.26	1.0	ug/l		8260B	05/12/11	1
1,3-Dichloropropene	U	0.28	1.0	ug/l		8260B	05/12/11	1
cis-1,3-Dichloropropene	U	0.25	1.0	ug/l		8260B	05/12/11	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l		8260B	05/12/11	1
2,2-Dichloropropane	U	0.36	1.0	ug/l		8260B	05/12/11	1
Di-isopropyl ether	U	0.26	1.0	ug/l		8260B	05/12/11	1
Ethylbenzene	U	0.22	1.0	ug/l		8260B	05/12/11	1
Hexachloro-1,3-butadiene	U	0.38	1.0	ug/l		8260B	05/12/11	1
Isopropylbenzene	U	0.20	1.0	ug/l		8260B	05/12/11	1

U = ND (Not Detected)

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Tax I.D. 62-0814289

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REPORT OF ANALYSIS

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

May 18, 2011

Date Received : May 12, 2011
Description : Marketplace Retail Center

Sample ID : MW-3

Collected By : CDF
Collection Date : 05/10/11 14:16

ESC Sample # : L515719-03

Site ID :

Project # : 81097016A

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
p-Isopropyltoluene	U	0.31	1.0	ug/l		8260B	05/12/11	1
2-Butanone (MEK)	U	3.4	10.	ug/l		8260B	05/12/11	1
Methylene Chloride	U	0.91	5.0	ug/l		8260B	05/12/11	1
4-Methyl-2-pentanone (MIBK)	U	1.7	10.	ug/l		8260B	05/12/11	1
Methyl tert-butyl ether	U	0.63	1.0	ug/l		8260B	05/12/11	1
Naphthalene	U	0.98	5.0	ug/l		8260B	05/12/11	1
n-Propylbenzene	U	0.31	1.0	ug/l		8260B	05/12/11	1
Styrene	U	0.24	1.0	ug/l	J4	8260B	05/12/11	1
1,1,1,2-Tetrachloroethane	U	0.32	1.0	ug/l		8260B	05/12/11	1
1,1,2,2-Tetrachloroethane	U	0.25	1.0	ug/l		8260B	05/12/11	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.39	1.0	ug/l		8260B	05/12/11	1
Tetrachloroethene	9.3	0.32	1.0	ug/l		8260B	05/12/11	1
Toluene	U	0.32	5.0	ug/l		8260B	05/12/11	1
1,2,3-Trichlorobenzene	U	0.32	1.0	ug/l		8260B	05/12/11	1
1,2,4-Trichlorobenzene	U	0.35	1.0	ug/l		8260B	05/12/11	1
1,1,1-Trichloroethane	U	0.31	1.0	ug/l		8260B	05/12/11	1
1,1,2-Trichloroethane	U	0.29	1.0	ug/l		8260B	05/12/11	1
Trichloroethene	U	0.31	1.0	ug/l		8260B	05/12/11	1
Trichlorofluoromethane	U	1.1	5.0	ug/l		8260B	05/12/11	1
1,2,3-Trichloropropane	U	0.74	2.5	ug/l		8260B	05/12/11	1
1,2,4-Trimethylbenzene	U	0.18	1.0	ug/l		8260B	05/12/11	1
1,2,3-Trimethylbenzene	U	0.30	1.0	ug/l		8260B	05/12/11	1
1,3,5-Trimethylbenzene	U	0.33	1.0	ug/l		8260B	05/12/11	1
Vinyl chloride	U	0.34	1.0	ug/l		8260B	05/12/11	1
Xylenes, Total	U	0.86	3.0	ug/l		8260B	05/12/11	1
Surrogate Recovery								
Toluene-d8	103.			% Rec.		8260B	05/12/11	1
Dibromofluoromethane	103.			% Rec.		8260B	05/12/11	1
4-Bromofluorobenzene	99.3			% Rec.		8260B	05/12/11	1

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REPORT OF ANALYSIS

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

May 18, 2011

Date Received : May 12, 2011
Description : Marketplace Retail Center

Sample ID : MW-4

Collected By : CDF
Collection Date : 05/10/11 15:57

ESC Sample # : L515719-04

Site ID :

Project # : 81097016A

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Volatile Organics								
Acetone	U	16.	50.	ug/l		8260B	05/12/11	1
Acrolein	U	7.6	50.	ug/l		8260B	05/12/11	1
Acrylonitrile	U	1.9	10.	ug/l		8260B	05/12/11	1
Benzene	U	0.23	1.0	ug/l		8260B	05/12/11	1
Bromobenzene	U	0.23	1.0	ug/l		8260B	05/12/11	1
Bromodichloromethane	U	0.23	1.0	ug/l		8260B	05/12/11	1
Bromoform	U	0.37	1.0	ug/l		8260B	05/12/11	1
Bromomethane	U	1.6	5.0	ug/l		8260B	05/12/11	1
n-Butylbenzene	U	0.31	1.0	ug/l		8260B	05/12/11	1
sec-Butylbenzene	U	0.22	1.0	ug/l		8260B	05/12/11	1
tert-Butylbenzene	U	0.20	1.0	ug/l		8260B	05/12/11	1
Carbon tetrachloride	U	0.20	1.0	ug/l		8260B	05/12/11	1
Chlorobenzene	U	0.30	1.0	ug/l		8260B	05/12/11	1
Chlorodibromomethane	U	0.24	1.0	ug/l		8260B	05/12/11	1
Chloroethane	U	0.87	5.0	ug/l		8260B	05/12/11	1
2-Chloroethyl vinyl ether	U	5.7	50.	ug/l		8260B	05/12/11	1
Chloroform	0.61	0.27	5.0	ug/l	J	8260B	05/12/11	1
Chloromethane	U	0.76	2.5	ug/l		8260B	05/12/11	1
2-Chlorotoluene	U	0.28	1.0	ug/l		8260B	05/12/11	1
4-Chlorotoluene	U	0.20	1.0	ug/l		8260B	05/12/11	1
1,2-Dibromo-3-Chloropropane	U	1.3	5.0	ug/l		8260B	05/12/11	1
1,2-Dibromoethane	U	0.27	1.0	ug/l		8260B	05/12/11	1
Dibromomethane	U	0.35	1.0	ug/l		8260B	05/12/11	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l		8260B	05/12/11	1
1,3-Dichlorobenzene	U	0.29	1.0	ug/l		8260B	05/12/11	1
1,4-Dichlorobenzene	U	0.31	1.0	ug/l		8260B	05/12/11	1
Dichlorodifluoromethane	U	1.6	5.0	ug/l		8260B	05/12/11	1
1,1-Dichloroethane	U	0.32	1.0	ug/l		8260B	05/12/11	1
1,2-Dichloroethane	U	0.25	1.0	ug/l		8260B	05/12/11	1
1,1-Dichloroethene	U	0.41	1.0	ug/l		8260B	05/12/11	1
cis-1,2-Dichloroethene	U	0.34	1.0	ug/l		8260B	05/12/11	1
trans-1,2-Dichloroethene	U	0.26	1.0	ug/l		8260B	05/12/11	1
1,2-Dichloropropane	U	0.39	1.0	ug/l		8260B	05/12/11	1
1,1-Dichloropropene	U	0.26	1.0	ug/l		8260B	05/12/11	1
1,3-Dichloropropene	U	0.28	1.0	ug/l		8260B	05/12/11	1
cis-1,3-Dichloropropene	U	0.25	1.0	ug/l		8260B	05/12/11	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l		8260B	05/12/11	1
2,2-Dichloropropane	U	0.36	1.0	ug/l		8260B	05/12/11	1
Di-isopropyl ether	U	0.26	1.0	ug/l		8260B	05/12/11	1
Ethylbenzene	U	0.22	1.0	ug/l		8260B	05/12/11	1
Hexachloro-1,3-butadiene	U	0.38	1.0	ug/l		8260B	05/12/11	1
Isopropylbenzene	U	0.20	1.0	ug/l		8260B	05/12/11	1

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

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

May 18, 2011

Date Received : May 12, 2011
Description : Marketplace Retail Center

Sample ID : MW-4

Collected By : CDF
Collection Date : 05/10/11 15:57

ESC Sample # : L515719-04

Site ID :

Project # : 81097016A

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
p-Isopropyltoluene	U	0.31	1.0	ug/l		8260B	05/12/11	1
2-Butanone (MEK)	U	3.4	10.	ug/l		8260B	05/12/11	1
Methylene Chloride	U	0.91	5.0	ug/l		8260B	05/12/11	1
4-Methyl-2-pentanone (MIBK)	U	1.7	10.	ug/l		8260B	05/12/11	1
Methyl tert-butyl ether	U	0.63	1.0	ug/l		8260B	05/12/11	1
Naphthalene	U	0.98	5.0	ug/l		8260B	05/12/11	1
n-Propylbenzene	U	0.31	1.0	ug/l		8260B	05/12/11	1
Styrene	U	0.24	1.0	ug/l	J4	8260B	05/12/11	1
1,1,1,2-Tetrachloroethane	U	0.32	1.0	ug/l		8260B	05/12/11	1
1,1,2,2-Tetrachloroethane	U	0.25	1.0	ug/l		8260B	05/12/11	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.39	1.0	ug/l		8260B	05/12/11	1
Tetrachloroethene	110	0.32	1.0	ug/l		8260B	05/12/11	1
Toluene	U	0.32	5.0	ug/l		8260B	05/12/11	1
1,2,3-Trichlorobenzene	U	0.32	1.0	ug/l		8260B	05/12/11	1
1,2,4-Trichlorobenzene	U	0.35	1.0	ug/l		8260B	05/12/11	1
1,1,1-Trichloroethane	U	0.31	1.0	ug/l		8260B	05/12/11	1
1,1,2-Trichloroethane	U	0.29	1.0	ug/l		8260B	05/12/11	1
Trichloroethene	U	0.31	1.0	ug/l		8260B	05/12/11	1
Trichlorofluoromethane	U	1.1	5.0	ug/l		8260B	05/12/11	1
1,2,3-Trichloropropane	U	0.74	2.5	ug/l		8260B	05/12/11	1
1,2,4-Trimethylbenzene	U	0.18	1.0	ug/l		8260B	05/12/11	1
1,2,3-Trimethylbenzene	U	0.30	1.0	ug/l		8260B	05/12/11	1
1,3,5-Trimethylbenzene	U	0.33	1.0	ug/l		8260B	05/12/11	1
Vinyl chloride	U	0.34	1.0	ug/l		8260B	05/12/11	1
Xylenes, Total	U	0.86	3.0	ug/l		8260B	05/12/11	1
Surrogate Recovery								
Toluene-d8	103.			% Rec.		8260B	05/12/11	1
Dibromofluoromethane	101.			% Rec.		8260B	05/12/11	1
4-Bromofluorobenzene	97.3			% Rec.		8260B	05/12/11	1

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Tax I.D. 62-0814289

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REPORT OF ANALYSIS

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

May 18, 2011

Date Received : May 12, 2011
Description : Marketplace Retail Center

Sample ID : MW-5

Collected By : CDF
Collection Date : 05/09/11 16:06

ESC Sample # : L515719-05

Site ID :

Project # : 81097016A

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Volatile Organics								
Acetone	U	16.	50.	ug/l		8260B	05/13/11	1
Acrolein	U	7.6	50.	ug/l		8260B	05/13/11	1
Acrylonitrile	U	1.9	10.	ug/l		8260B	05/13/11	1
Benzene	0.61	0.23	1.0	ug/l	J	8260B	05/13/11	1
Bromobenzene	U	0.23	1.0	ug/l		8260B	05/13/11	1
Bromodichloromethane	U	0.23	1.0	ug/l		8260B	05/13/11	1
Bromoform	U	0.37	1.0	ug/l		8260B	05/13/11	1
Bromomethane	U	1.6	5.0	ug/l		8260B	05/13/11	1
n-Butylbenzene	U	0.31	1.0	ug/l		8260B	05/13/11	1
sec-Butylbenzene	U	0.22	1.0	ug/l		8260B	05/13/11	1
tert-Butylbenzene	U	0.20	1.0	ug/l		8260B	05/13/11	1
Carbon tetrachloride	U	0.20	1.0	ug/l		8260B	05/13/11	1
Chlorobenzene	U	0.30	1.0	ug/l		8260B	05/13/11	1
Chlorodibromomethane	U	0.24	1.0	ug/l		8260B	05/13/11	1
Chloroethane	U	0.87	5.0	ug/l		8260B	05/13/11	1
2-Chloroethyl vinyl ether	U	5.7	50.	ug/l		8260B	05/13/11	1
Chloroform	U	0.27	5.0	ug/l		8260B	05/13/11	1
Chloromethane	U	0.76	2.5	ug/l		8260B	05/13/11	1
2-Chlorotoluene	U	0.28	1.0	ug/l		8260B	05/13/11	1
4-Chlorotoluene	U	0.20	1.0	ug/l		8260B	05/13/11	1
1,2-Dibromo-3-Chloropropane	U	1.3	5.0	ug/l		8260B	05/13/11	1
1,2-Dibromoethane	U	0.27	1.0	ug/l		8260B	05/13/11	1
Dibromomethane	U	0.35	1.0	ug/l		8260B	05/13/11	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l		8260B	05/13/11	1
1,3-Dichlorobenzene	U	0.29	1.0	ug/l		8260B	05/13/11	1
1,4-Dichlorobenzene	U	0.31	1.0	ug/l		8260B	05/13/11	1
Dichlorodifluoromethane	U	1.6	5.0	ug/l		8260B	05/13/11	1
1,1-Dichloroethane	U	0.32	1.0	ug/l		8260B	05/13/11	1
1,2-Dichloroethane	U	0.25	1.0	ug/l		8260B	05/13/11	1
1,1-Dichloroethene	U	0.41	1.0	ug/l		8260B	05/13/11	1
cis-1,2-Dichloroethene	U	0.34	1.0	ug/l		8260B	05/13/11	1
trans-1,2-Dichloroethene	U	0.26	1.0	ug/l		8260B	05/13/11	1
1,2-Dichloropropane	U	0.39	1.0	ug/l		8260B	05/13/11	1
1,1-Dichloropropene	U	0.26	1.0	ug/l		8260B	05/13/11	1
1,3-Dichloropropene	U	0.28	1.0	ug/l		8260B	05/13/11	1
cis-1,3-Dichloropropene	U	0.25	1.0	ug/l		8260B	05/13/11	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l		8260B	05/13/11	1
2,2-Dichloropropane	U	0.36	1.0	ug/l		8260B	05/13/11	1
Di-isopropyl ether	U	0.26	1.0	ug/l		8260B	05/13/11	1
Ethylbenzene	U	0.22	1.0	ug/l		8260B	05/13/11	1
Hexachloro-1,3-butadiene	U	0.38	1.0	ug/l		8260B	05/13/11	1
Isopropylbenzene	U	0.20	1.0	ug/l		8260B	05/13/11	1

U = ND (Not Detected)

RDL = Reported Detection Limit = LOQ = PQL = EQL

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

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

May 18, 2011

Date Received : May 12, 2011
Description : Marketplace Retail Center

Sample ID : MW-5

Collected By : CDF
Collection Date : 05/09/11 16:06

ESC Sample # : L515719-05

Site ID :

Project # : 81097016A

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
p-Isopropyltoluene	U	0.31	1.0	ug/l		8260B	05/13/11	1
2-Butanone (MEK)	U	3.4	10.	ug/l		8260B	05/13/11	1
Methylene Chloride	U	0.91	5.0	ug/l		8260B	05/13/11	1
4-Methyl-2-pentanone (MIBK)	U	1.7	10.	ug/l		8260B	05/13/11	1
Methyl tert-butyl ether	U	0.63	1.0	ug/l		8260B	05/13/11	1
Naphthalene	U	0.98	5.0	ug/l		8260B	05/13/11	1
n-Propylbenzene	U	0.31	1.0	ug/l		8260B	05/13/11	1
Styrene	U	0.24	1.0	ug/l	J4	8260B	05/13/11	1
1,1,1,2-Tetrachloroethane	U	0.32	1.0	ug/l		8260B	05/13/11	1
1,1,2,2-Tetrachloroethane	U	0.25	1.0	ug/l		8260B	05/13/11	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.39	1.0	ug/l		8260B	05/13/11	1
Tetrachloroethene	0.60	0.32	1.0	ug/l	J	8260B	05/13/11	1
Toluene	U	0.32	5.0	ug/l		8260B	05/13/11	1
1,2,3-Trichlorobenzene	U	0.32	1.0	ug/l		8260B	05/13/11	1
1,2,4-Trichlorobenzene	U	0.35	1.0	ug/l		8260B	05/13/11	1
1,1,1-Trichloroethane	U	0.31	1.0	ug/l		8260B	05/13/11	1
1,1,2-Trichloroethane	U	0.29	1.0	ug/l		8260B	05/13/11	1
Trichloroethene	U	0.31	1.0	ug/l		8260B	05/13/11	1
Trichlorofluoromethane	U	1.1	5.0	ug/l		8260B	05/13/11	1
1,2,3-Trichloropropane	U	0.74	2.5	ug/l		8260B	05/13/11	1
1,2,4-Trimethylbenzene	U	0.18	1.0	ug/l		8260B	05/13/11	1
1,2,3-Trimethylbenzene	U	0.30	1.0	ug/l		8260B	05/13/11	1
1,3,5-Trimethylbenzene	U	0.33	1.0	ug/l		8260B	05/13/11	1
Vinyl chloride	U	0.34	1.0	ug/l		8260B	05/13/11	1
Xylenes, Total	U	0.86	3.0	ug/l		8260B	05/13/11	1
Surrogate Recovery								
Toluene-d8	104.			% Rec.		8260B	05/13/11	1
Dibromofluoromethane	98.9			% Rec.		8260B	05/13/11	1
4-Bromofluorobenzene	96.6			% Rec.		8260B	05/13/11	1

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RDL = Reported Detection Limit = LOQ = PQL = EQL

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

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

May 18, 2011

Date Received : May 12, 2011
Description : Marketplace Retail Center

Sample ID : MW-6

Collected By : CDF
Collection Date : 05/09/11 13:28

ESC Sample # : L515719-06

Site ID :

Project # : 81097016A

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Volatile Organics								
Acetone	U	16.	50.	ug/l		8260B	05/13/11	1
Acrolein	U	7.6	50.	ug/l		8260B	05/13/11	1
Acrylonitrile	U	1.9	10.	ug/l		8260B	05/13/11	1
Benzene	U	0.23	1.0	ug/l		8260B	05/13/11	1
Bromobenzene	U	0.23	1.0	ug/l		8260B	05/13/11	1
Bromodichloromethane	U	0.23	1.0	ug/l		8260B	05/13/11	1
Bromoform	U	0.37	1.0	ug/l		8260B	05/13/11	1
Bromomethane	U	1.6	5.0	ug/l		8260B	05/13/11	1
n-Butylbenzene	U	0.31	1.0	ug/l		8260B	05/13/11	1
sec-Butylbenzene	U	0.22	1.0	ug/l		8260B	05/13/11	1
tert-Butylbenzene	U	0.20	1.0	ug/l		8260B	05/13/11	1
Carbon tetrachloride	U	0.20	1.0	ug/l		8260B	05/13/11	1
Chlorobenzene	U	0.30	1.0	ug/l		8260B	05/13/11	1
Chlorodibromomethane	U	0.24	1.0	ug/l		8260B	05/13/11	1
Chloroethane	U	0.87	5.0	ug/l		8260B	05/13/11	1
2-Chloroethyl vinyl ether	U	5.7	50.	ug/l		8260B	05/13/11	1
Chloroform	U	0.27	5.0	ug/l		8260B	05/13/11	1
Chloromethane	U	0.76	2.5	ug/l		8260B	05/13/11	1
2-Chlorotoluene	U	0.28	1.0	ug/l		8260B	05/13/11	1
4-Chlorotoluene	U	0.20	1.0	ug/l		8260B	05/13/11	1
1,2-Dibromo-3-Chloropropane	U	1.3	5.0	ug/l		8260B	05/13/11	1
1,2-Dibromoethane	U	0.27	1.0	ug/l		8260B	05/13/11	1
Dibromomethane	U	0.35	1.0	ug/l		8260B	05/13/11	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l		8260B	05/13/11	1
1,3-Dichlorobenzene	U	0.29	1.0	ug/l		8260B	05/13/11	1
1,4-Dichlorobenzene	U	0.31	1.0	ug/l		8260B	05/13/11	1
Dichlorodifluoromethane	U	1.6	5.0	ug/l		8260B	05/13/11	1
1,1-Dichloroethane	U	0.32	1.0	ug/l		8260B	05/13/11	1
1,2-Dichloroethane	U	0.25	1.0	ug/l		8260B	05/13/11	1
1,1-Dichloroethene	U	0.41	1.0	ug/l		8260B	05/13/11	1
cis-1,2-Dichloroethene	U	0.34	1.0	ug/l		8260B	05/13/11	1
trans-1,2-Dichloroethene	U	0.26	1.0	ug/l		8260B	05/13/11	1
1,2-Dichloropropane	U	0.39	1.0	ug/l		8260B	05/13/11	1
1,1-Dichloropropene	U	0.26	1.0	ug/l		8260B	05/13/11	1
1,3-Dichloropropene	U	0.28	1.0	ug/l		8260B	05/13/11	1
cis-1,3-Dichloropropene	U	0.25	1.0	ug/l		8260B	05/13/11	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l		8260B	05/13/11	1
2,2-Dichloropropane	U	0.36	1.0	ug/l		8260B	05/13/11	1
Di-isopropyl ether	U	0.26	1.0	ug/l		8260B	05/13/11	1
Ethylbenzene	U	0.22	1.0	ug/l		8260B	05/13/11	1
Hexachloro-1,3-butadiene	U	0.38	1.0	ug/l		8260B	05/13/11	1
Isopropylbenzene	U	0.20	1.0	ug/l		8260B	05/13/11	1

U = ND (Not Detected)

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Tax I.D. 62-0814289

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REPORT OF ANALYSIS

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

May 18, 2011

Date Received : May 12, 2011
Description : Marketplace Retail Center

Sample ID : MW-6

Collected By : CDF
Collection Date : 05/09/11 13:28

ESC Sample # : L515719-06

Site ID :

Project # : 81097016A

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
p-Isopropyltoluene	U	0.31	1.0	ug/l		8260B	05/13/11	1
2-Butanone (MEK)	U	3.4	10.	ug/l		8260B	05/13/11	1
Methylene Chloride	U	0.91	5.0	ug/l		8260B	05/13/11	1
4-Methyl-2-pentanone (MIBK)	U	1.7	10.	ug/l		8260B	05/13/11	1
Methyl tert-butyl ether	U	0.63	1.0	ug/l		8260B	05/13/11	1
Naphthalene	U	0.98	5.0	ug/l		8260B	05/13/11	1
n-Propylbenzene	U	0.31	1.0	ug/l		8260B	05/13/11	1
Styrene	U	0.24	1.0	ug/l	J4	8260B	05/13/11	1
1,1,1,2-Tetrachloroethane	U	0.32	1.0	ug/l		8260B	05/13/11	1
1,1,2,2-Tetrachloroethane	U	0.25	1.0	ug/l		8260B	05/13/11	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.39	1.0	ug/l		8260B	05/13/11	1
Tetrachloroethene	2.2	0.32	1.0	ug/l		8260B	05/13/11	1
Toluene	U	0.32	5.0	ug/l		8260B	05/13/11	1
1,2,3-Trichlorobenzene	U	0.32	1.0	ug/l		8260B	05/13/11	1
1,2,4-Trichlorobenzene	U	0.35	1.0	ug/l		8260B	05/13/11	1
1,1,1-Trichloroethane	U	0.31	1.0	ug/l		8260B	05/13/11	1
1,1,2-Trichloroethane	U	0.29	1.0	ug/l		8260B	05/13/11	1
Trichloroethene	U	0.31	1.0	ug/l		8260B	05/13/11	1
Trichlorofluoromethane	U	1.1	5.0	ug/l		8260B	05/13/11	1
1,2,3-Trichloropropane	U	0.74	2.5	ug/l		8260B	05/13/11	1
1,2,4-Trimethylbenzene	U	0.18	1.0	ug/l		8260B	05/13/11	1
1,2,3-Trimethylbenzene	U	0.30	1.0	ug/l		8260B	05/13/11	1
1,3,5-Trimethylbenzene	U	0.33	1.0	ug/l		8260B	05/13/11	1
Vinyl chloride	U	0.34	1.0	ug/l		8260B	05/13/11	1
Xylenes, Total	U	0.86	3.0	ug/l		8260B	05/13/11	1
Surrogate Recovery								
Toluene-d8	105.			% Rec.		8260B	05/13/11	1
Dibromofluoromethane	102.			% Rec.		8260B	05/13/11	1
4-Bromofluorobenzene	96.2			% Rec.		8260B	05/13/11	1

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

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

May 18, 2011

Date Received : May 12, 2011
Description : Marketplace Retail Center

Sample ID : MW-7

Collected By : CDF
Collection Date : 05/09/11 11:03

ESC Sample # : L515719-07

Site ID :

Project # : 81097016A

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Volatile Organics								
Acetone	U	16.	50.	ug/l		8260B	05/13/11	1
Acrolein	U	7.6	50.	ug/l		8260B	05/13/11	1
Acrylonitrile	U	1.9	10.	ug/l		8260B	05/13/11	1
Benzene	U	0.23	1.0	ug/l		8260B	05/13/11	1
Bromobenzene	U	0.23	1.0	ug/l		8260B	05/13/11	1
Bromodichloromethane	U	0.23	1.0	ug/l		8260B	05/13/11	1
Bromoform	U	0.37	1.0	ug/l		8260B	05/13/11	1
Bromomethane	U	1.6	5.0	ug/l		8260B	05/13/11	1
n-Butylbenzene	U	0.31	1.0	ug/l		8260B	05/13/11	1
sec-Butylbenzene	U	0.22	1.0	ug/l		8260B	05/13/11	1
tert-Butylbenzene	U	0.20	1.0	ug/l		8260B	05/13/11	1
Carbon tetrachloride	U	0.20	1.0	ug/l		8260B	05/13/11	1
Chlorobenzene	U	0.30	1.0	ug/l		8260B	05/13/11	1
Chlorodibromomethane	U	0.24	1.0	ug/l		8260B	05/13/11	1
Chloroethane	U	0.87	5.0	ug/l		8260B	05/13/11	1
2-Chloroethyl vinyl ether	U	5.7	50.	ug/l		8260B	05/13/11	1
Chloroform	2.8	0.27	5.0	ug/l	J	8260B	05/13/11	1
Chloromethane	U	0.76	2.5	ug/l		8260B	05/13/11	1
2-Chlorotoluene	U	0.28	1.0	ug/l		8260B	05/13/11	1
4-Chlorotoluene	U	0.20	1.0	ug/l		8260B	05/13/11	1
1,2-Dibromo-3-Chloropropane	U	1.3	5.0	ug/l		8260B	05/13/11	1
1,2-Dibromoethane	U	0.27	1.0	ug/l		8260B	05/13/11	1
Dibromomethane	U	0.35	1.0	ug/l		8260B	05/13/11	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l		8260B	05/13/11	1
1,3-Dichlorobenzene	U	0.29	1.0	ug/l		8260B	05/13/11	1
1,4-Dichlorobenzene	U	0.31	1.0	ug/l		8260B	05/13/11	1
Dichlorodifluoromethane	U	1.6	5.0	ug/l		8260B	05/13/11	1
1,1-Dichloroethane	U	0.32	1.0	ug/l		8260B	05/13/11	1
1,2-Dichloroethane	U	0.25	1.0	ug/l		8260B	05/13/11	1
1,1-Dichloroethene	U	0.41	1.0	ug/l		8260B	05/13/11	1
cis-1,2-Dichloroethene	U	0.34	1.0	ug/l		8260B	05/13/11	1
trans-1,2-Dichloroethene	U	0.26	1.0	ug/l		8260B	05/13/11	1
1,2-Dichloropropane	U	0.39	1.0	ug/l		8260B	05/13/11	1
1,1-Dichloropropene	U	0.26	1.0	ug/l		8260B	05/13/11	1
1,3-Dichloropropene	U	0.28	1.0	ug/l		8260B	05/13/11	1
cis-1,3-Dichloropropene	U	0.25	1.0	ug/l		8260B	05/13/11	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l		8260B	05/13/11	1
2,2-Dichloropropane	U	0.36	1.0	ug/l		8260B	05/13/11	1
Di-isopropyl ether	U	0.26	1.0	ug/l		8260B	05/13/11	1
Ethylbenzene	U	0.22	1.0	ug/l		8260B	05/13/11	1
Hexachloro-1,3-butadiene	U	0.38	1.0	ug/l		8260B	05/13/11	1
Isopropylbenzene	U	0.20	1.0	ug/l		8260B	05/13/11	1

U = ND (Not Detected)

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

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

May 18, 2011

Date Received : May 12, 2011
Description : Marketplace Retail Center

Sample ID : MW-7

Collected By : CDF
Collection Date : 05/09/11 11:03

ESC Sample # : L515719-07

Site ID :

Project # : 81097016A

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
p-Isopropyltoluene	U	0.31	1.0	ug/l		8260B	05/13/11	1
2-Butanone (MEK)	U	3.4	10.	ug/l		8260B	05/13/11	1
Methylene Chloride	U	0.91	5.0	ug/l		8260B	05/13/11	1
4-Methyl-2-pentanone (MIBK)	U	1.7	10.	ug/l		8260B	05/13/11	1
Methyl tert-butyl ether	U	0.63	1.0	ug/l		8260B	05/13/11	1
Naphthalene	U	0.98	5.0	ug/l		8260B	05/13/11	1
n-Propylbenzene	U	0.31	1.0	ug/l		8260B	05/13/11	1
Styrene	U	0.24	1.0	ug/l	J4	8260B	05/13/11	1
1,1,1,2-Tetrachloroethane	U	0.32	1.0	ug/l		8260B	05/13/11	1
1,1,2,2-Tetrachloroethane	U	0.25	1.0	ug/l		8260B	05/13/11	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.39	1.0	ug/l		8260B	05/13/11	1
Tetrachloroethene	U	0.32	1.0	ug/l		8260B	05/13/11	1
Toluene	U	0.32	5.0	ug/l		8260B	05/13/11	1
1,2,3-Trichlorobenzene	U	0.32	1.0	ug/l		8260B	05/13/11	1
1,2,4-Trichlorobenzene	U	0.35	1.0	ug/l		8260B	05/13/11	1
1,1,1-Trichloroethane	U	0.31	1.0	ug/l		8260B	05/13/11	1
1,1,2-Trichloroethane	U	0.29	1.0	ug/l		8260B	05/13/11	1
Trichloroethene	U	0.31	1.0	ug/l		8260B	05/13/11	1
Trichlorofluoromethane	U	1.1	5.0	ug/l		8260B	05/13/11	1
1,2,3-Trichloropropane	U	0.74	2.5	ug/l		8260B	05/13/11	1
1,2,4-Trimethylbenzene	U	0.18	1.0	ug/l		8260B	05/13/11	1
1,2,3-Trimethylbenzene	U	0.30	1.0	ug/l		8260B	05/13/11	1
1,3,5-Trimethylbenzene	U	0.33	1.0	ug/l		8260B	05/13/11	1
Vinyl chloride	U	0.34	1.0	ug/l		8260B	05/13/11	1
Xylenes, Total	U	0.86	3.0	ug/l		8260B	05/13/11	1
Surrogate Recovery								
Toluene-d8	103.			% Rec.		8260B	05/13/11	1
Dibromofluoromethane	104.			% Rec.		8260B	05/13/11	1
4-Bromofluorobenzene	98.0			% Rec.		8260B	05/13/11	1

U = ND (Not Detected)

RDL = Reported Detection Limit = LOQ = PQL = EQL

MDL = Minimum Detection Limit = LOD = SQL(TRRP)

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

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

May 18, 2011

Date Received : May 12, 2011
Description : Marketplace Retail Center

Sample ID : MW-8

Collected By : CDF
Collection Date : 05/10/11 09:32

ESC Sample # : L515719-08

Site ID :

Project # : 81097016A

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Volatile Organics								
Acetone	U	16.	50.	ug/l		8260B	05/13/11	1
Acrolein	U	7.6	50.	ug/l		8260B	05/13/11	1
Acrylonitrile	U	1.9	10.	ug/l		8260B	05/13/11	1
Benzene	U	0.23	1.0	ug/l		8260B	05/13/11	1
Bromobenzene	U	0.23	1.0	ug/l		8260B	05/13/11	1
Bromodichloromethane	U	0.23	1.0	ug/l		8260B	05/13/11	1
Bromoform	U	0.37	1.0	ug/l		8260B	05/13/11	1
Bromomethane	U	1.6	5.0	ug/l		8260B	05/13/11	1
n-Butylbenzene	U	0.31	1.0	ug/l		8260B	05/13/11	1
sec-Butylbenzene	U	0.22	1.0	ug/l		8260B	05/13/11	1
tert-Butylbenzene	U	0.20	1.0	ug/l		8260B	05/13/11	1
Carbon tetrachloride	U	0.20	1.0	ug/l		8260B	05/13/11	1
Chlorobenzene	U	0.30	1.0	ug/l		8260B	05/13/11	1
Chlorodibromomethane	U	0.24	1.0	ug/l		8260B	05/13/11	1
Chloroethane	U	0.87	5.0	ug/l		8260B	05/13/11	1
2-Chloroethyl vinyl ether	U	5.7	50.	ug/l		8260B	05/13/11	1
Chloroform	2.4	0.27	5.0	ug/l	J	8260B	05/13/11	1
Chloromethane	U	0.76	2.5	ug/l		8260B	05/13/11	1
2-Chlorotoluene	U	0.28	1.0	ug/l		8260B	05/13/11	1
4-Chlorotoluene	U	0.20	1.0	ug/l		8260B	05/13/11	1
1,2-Dibromo-3-Chloropropane	U	1.3	5.0	ug/l		8260B	05/13/11	1
1,2-Dibromoethane	U	0.27	1.0	ug/l		8260B	05/13/11	1
Dibromomethane	U	0.35	1.0	ug/l		8260B	05/13/11	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l		8260B	05/13/11	1
1,3-Dichlorobenzene	U	0.29	1.0	ug/l		8260B	05/13/11	1
1,4-Dichlorobenzene	U	0.31	1.0	ug/l		8260B	05/13/11	1
Dichlorodifluoromethane	U	1.6	5.0	ug/l		8260B	05/13/11	1
1,1-Dichloroethane	U	0.32	1.0	ug/l		8260B	05/13/11	1
1,2-Dichloroethane	U	0.25	1.0	ug/l		8260B	05/13/11	1
1,1-Dichloroethene	U	0.41	1.0	ug/l		8260B	05/13/11	1
cis-1,2-Dichloroethene	U	0.34	1.0	ug/l		8260B	05/13/11	1
trans-1,2-Dichloroethene	U	0.26	1.0	ug/l		8260B	05/13/11	1
1,2-Dichloropropane	U	0.39	1.0	ug/l		8260B	05/13/11	1
1,1-Dichloropropene	U	0.26	1.0	ug/l		8260B	05/13/11	1
1,3-Dichloropropene	U	0.28	1.0	ug/l		8260B	05/13/11	1
cis-1,3-Dichloropropene	U	0.25	1.0	ug/l		8260B	05/13/11	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l		8260B	05/13/11	1
2,2-Dichloropropane	U	0.36	1.0	ug/l		8260B	05/13/11	1
Di-isopropyl ether	U	0.26	1.0	ug/l		8260B	05/13/11	1
Ethylbenzene	U	0.22	1.0	ug/l		8260B	05/13/11	1
Hexachloro-1,3-butadiene	U	0.38	1.0	ug/l		8260B	05/13/11	1
Isopropylbenzene	U	0.20	1.0	ug/l		8260B	05/13/11	1

U = ND (Not Detected)

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

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

May 18, 2011

Date Received : May 12, 2011
Description : Marketplace Retail Center

Sample ID : MW-8

Collected By : CDF
Collection Date : 05/10/11 09:32

ESC Sample # : L515719-08

Site ID :

Project # : 81097016A

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
p-Isopropyltoluene	U	0.31	1.0	ug/l		8260B	05/13/11	1
2-Butanone (MEK)	U	3.4	10.	ug/l		8260B	05/13/11	1
Methylene Chloride	U	0.91	5.0	ug/l		8260B	05/13/11	1
4-Methyl-2-pentanone (MIBK)	U	1.7	10.	ug/l		8260B	05/13/11	1
Methyl tert-butyl ether	U	0.63	1.0	ug/l		8260B	05/13/11	1
Naphthalene	U	0.98	5.0	ug/l		8260B	05/13/11	1
n-Propylbenzene	U	0.31	1.0	ug/l		8260B	05/13/11	1
Styrene	U	0.24	1.0	ug/l	J4	8260B	05/13/11	1
1,1,1,2-Tetrachloroethane	U	0.32	1.0	ug/l		8260B	05/13/11	1
1,1,2,2-Tetrachloroethane	U	0.25	1.0	ug/l		8260B	05/13/11	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.39	1.0	ug/l		8260B	05/13/11	1
Tetrachloroethene	22.	0.32	1.0	ug/l		8260B	05/13/11	1
Toluene	U	0.32	5.0	ug/l		8260B	05/13/11	1
1,2,3-Trichlorobenzene	U	0.32	1.0	ug/l		8260B	05/13/11	1
1,2,4-Trichlorobenzene	U	0.35	1.0	ug/l		8260B	05/13/11	1
1,1,1-Trichloroethane	U	0.31	1.0	ug/l		8260B	05/13/11	1
1,1,2-Trichloroethane	U	0.29	1.0	ug/l		8260B	05/13/11	1
Trichloroethene	U	0.31	1.0	ug/l		8260B	05/13/11	1
Trichlorofluoromethane	U	1.1	5.0	ug/l		8260B	05/13/11	1
1,2,3-Trichloropropane	U	0.74	2.5	ug/l		8260B	05/13/11	1
1,2,4-Trimethylbenzene	U	0.18	1.0	ug/l		8260B	05/13/11	1
1,2,3-Trimethylbenzene	U	0.30	1.0	ug/l		8260B	05/13/11	1
1,3,5-Trimethylbenzene	U	0.33	1.0	ug/l		8260B	05/13/11	1
Vinyl chloride	U	0.34	1.0	ug/l		8260B	05/13/11	1
Xylenes, Total	U	0.86	3.0	ug/l		8260B	05/13/11	1
Surrogate Recovery								
Toluene-d8	104.			% Rec.		8260B	05/13/11	1
Dibromofluoromethane	100.			% Rec.		8260B	05/13/11	1
4-Bromofluorobenzene	96.0			% Rec.		8260B	05/13/11	1

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

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

May 18, 2011

Date Received : May 12, 2011
Description : Marketplace Retail Center

Sample ID : MW-9

Collected By : CDF
Collection Date : 05/10/11 16:15

ESC Sample # : L515719-09

Site ID :

Project # : 81097016A

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Volatile Organics								
Acetone	U	16.	50.	ug/l		8260B	05/13/11	1
Acrolein	U	7.6	50.	ug/l		8260B	05/13/11	1
Acrylonitrile	U	1.9	10.	ug/l		8260B	05/13/11	1
Benzene	U	0.23	1.0	ug/l		8260B	05/13/11	1
Bromobenzene	U	0.23	1.0	ug/l		8260B	05/13/11	1
Bromodichloromethane	U	0.23	1.0	ug/l		8260B	05/13/11	1
Bromoform	U	0.37	1.0	ug/l		8260B	05/13/11	1
Bromomethane	U	1.6	5.0	ug/l		8260B	05/13/11	1
n-Butylbenzene	U	0.31	1.0	ug/l		8260B	05/13/11	1
sec-Butylbenzene	U	0.22	1.0	ug/l		8260B	05/13/11	1
tert-Butylbenzene	U	0.20	1.0	ug/l		8260B	05/13/11	1
Carbon tetrachloride	U	0.20	1.0	ug/l		8260B	05/13/11	1
Chlorobenzene	U	0.30	1.0	ug/l		8260B	05/13/11	1
Chlorodibromomethane	U	0.24	1.0	ug/l		8260B	05/13/11	1
Chloroethane	U	0.87	5.0	ug/l		8260B	05/13/11	1
2-Chloroethyl vinyl ether	U	5.7	50.	ug/l		8260B	05/13/11	1
Chloroform	U	0.27	5.0	ug/l		8260B	05/13/11	1
Chloromethane	U	0.76	2.5	ug/l		8260B	05/13/11	1
2-Chlorotoluene	U	0.28	1.0	ug/l		8260B	05/13/11	1
4-Chlorotoluene	U	0.20	1.0	ug/l		8260B	05/13/11	1
1,2-Dibromo-3-Chloropropane	U	1.3	5.0	ug/l		8260B	05/13/11	1
1,2-Dibromoethane	U	0.27	1.0	ug/l		8260B	05/13/11	1
Dibromomethane	U	0.35	1.0	ug/l		8260B	05/13/11	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l		8260B	05/13/11	1
1,3-Dichlorobenzene	U	0.29	1.0	ug/l		8260B	05/13/11	1
1,4-Dichlorobenzene	U	0.31	1.0	ug/l		8260B	05/13/11	1
Dichlorodifluoromethane	U	1.6	5.0	ug/l		8260B	05/13/11	1
1,1-Dichloroethane	U	0.32	1.0	ug/l		8260B	05/13/11	1
1,2-Dichloroethane	U	0.25	1.0	ug/l		8260B	05/13/11	1
1,1-Dichloroethene	U	0.41	1.0	ug/l		8260B	05/13/11	1
cis-1,2-Dichloroethene	U	0.34	1.0	ug/l		8260B	05/13/11	1
trans-1,2-Dichloroethene	U	0.26	1.0	ug/l		8260B	05/13/11	1
1,2-Dichloropropane	U	0.39	1.0	ug/l		8260B	05/13/11	1
1,1-Dichloropropene	U	0.26	1.0	ug/l		8260B	05/13/11	1
1,3-Dichloropropene	U	0.28	1.0	ug/l		8260B	05/13/11	1
cis-1,3-Dichloropropene	U	0.25	1.0	ug/l		8260B	05/13/11	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l		8260B	05/13/11	1
2,2-Dichloropropane	U	0.36	1.0	ug/l		8260B	05/13/11	1
Di-isopropyl ether	U	0.26	1.0	ug/l		8260B	05/13/11	1
Ethylbenzene	U	0.22	1.0	ug/l		8260B	05/13/11	1
Hexachloro-1,3-butadiene	U	0.38	1.0	ug/l		8260B	05/13/11	1
Isopropylbenzene	U	0.20	1.0	ug/l		8260B	05/13/11	1

U = ND (Not Detected)

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

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

May 18, 2011

Date Received : May 12, 2011
Description : Marketplace Retail Center

Sample ID : MW-9

Collected By : CDF
Collection Date : 05/10/11 16:15

ESC Sample # : L515719-09

Site ID :

Project # : 81097016A

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
p-Isopropyltoluene	U	0.31	1.0	ug/l		8260B	05/13/11	1
2-Butanone (MEK)	U	3.4	10.	ug/l		8260B	05/13/11	1
Methylene Chloride	U	0.91	5.0	ug/l		8260B	05/13/11	1
4-Methyl-2-pentanone (MIBK)	U	1.7	10.	ug/l		8260B	05/13/11	1
Methyl tert-butyl ether	U	0.63	1.0	ug/l		8260B	05/13/11	1
Naphthalene	U	0.98	5.0	ug/l		8260B	05/13/11	1
n-Propylbenzene	U	0.31	1.0	ug/l		8260B	05/13/11	1
Styrene	U	0.24	1.0	ug/l	J4	8260B	05/13/11	1
1,1,1,2-Tetrachloroethane	U	0.32	1.0	ug/l		8260B	05/13/11	1
1,1,2,2-Tetrachloroethane	U	0.25	1.0	ug/l		8260B	05/13/11	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.39	1.0	ug/l		8260B	05/13/11	1
Tetrachloroethene	U	0.32	1.0	ug/l		8260B	05/13/11	1
Toluene	U	0.32	5.0	ug/l		8260B	05/13/11	1
1,2,3-Trichlorobenzene	U	0.32	1.0	ug/l		8260B	05/13/11	1
1,2,4-Trichlorobenzene	U	0.35	1.0	ug/l		8260B	05/13/11	1
1,1,1-Trichloroethane	U	0.31	1.0	ug/l		8260B	05/13/11	1
1,1,2-Trichloroethane	U	0.29	1.0	ug/l		8260B	05/13/11	1
Trichloroethene	U	0.31	1.0	ug/l		8260B	05/13/11	1
Trichlorofluoromethane	U	1.1	5.0	ug/l		8260B	05/13/11	1
1,2,3-Trichloropropane	U	0.74	2.5	ug/l		8260B	05/13/11	1
1,2,4-Trimethylbenzene	U	0.18	1.0	ug/l		8260B	05/13/11	1
1,2,3-Trimethylbenzene	U	0.30	1.0	ug/l		8260B	05/13/11	1
1,3,5-Trimethylbenzene	U	0.33	1.0	ug/l		8260B	05/13/11	1
Vinyl chloride	U	0.34	1.0	ug/l		8260B	05/13/11	1
Xylenes, Total	U	0.86	3.0	ug/l		8260B	05/13/11	1
Surrogate Recovery								
Toluene-d8	104.			% Rec.		8260B	05/13/11	1
Dibromofluoromethane	104.			% Rec.		8260B	05/13/11	1
4-Bromofluorobenzene	97.7			% Rec.		8260B	05/13/11	1

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

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

May 18, 2011

Date Received : May 12, 2011
Description : Marketplace Retail Center

Sample ID : TRIP BLANK

Collected By : CDF
Collection Date : 05/10/11 00:00

ESC Sample # : L515719-10

Site ID :

Project # : 81097016A

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
Volatile Organics								
Acetone	U	16.	50.	ug/l		8260B	05/12/11	1
Acrolein	U	7.6	50.	ug/l		8260B	05/12/11	1
Acrylonitrile	U	1.9	10.	ug/l		8260B	05/12/11	1
Benzene	U	0.23	1.0	ug/l		8260B	05/12/11	1
Bromobenzene	U	0.23	1.0	ug/l		8260B	05/12/11	1
Bromodichloromethane	U	0.23	1.0	ug/l		8260B	05/12/11	1
Bromoform	U	0.37	1.0	ug/l		8260B	05/12/11	1
Bromomethane	U	1.6	5.0	ug/l		8260B	05/12/11	1
n-Butylbenzene	U	0.31	1.0	ug/l		8260B	05/12/11	1
sec-Butylbenzene	U	0.22	1.0	ug/l		8260B	05/12/11	1
tert-Butylbenzene	U	0.20	1.0	ug/l		8260B	05/12/11	1
Carbon tetrachloride	U	0.20	1.0	ug/l		8260B	05/12/11	1
Chlorobenzene	U	0.30	1.0	ug/l		8260B	05/12/11	1
Chlorodibromomethane	U	0.24	1.0	ug/l		8260B	05/12/11	1
Chloroethane	U	0.87	5.0	ug/l		8260B	05/12/11	1
2-Chloroethyl vinyl ether	U	5.7	50.	ug/l		8260B	05/12/11	1
Chloroform	U	0.27	5.0	ug/l		8260B	05/12/11	1
Chloromethane	U	0.76	2.5	ug/l		8260B	05/12/11	1
2-Chlorotoluene	U	0.28	1.0	ug/l		8260B	05/12/11	1
4-Chlorotoluene	U	0.20	1.0	ug/l		8260B	05/12/11	1
1,2-Dibromo-3-Chloropropane	U	1.3	5.0	ug/l		8260B	05/12/11	1
1,2-Dibromoethane	U	0.27	1.0	ug/l		8260B	05/12/11	1
Dibromomethane	U	0.35	1.0	ug/l		8260B	05/12/11	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l		8260B	05/12/11	1
1,3-Dichlorobenzene	U	0.29	1.0	ug/l		8260B	05/12/11	1
1,4-Dichlorobenzene	U	0.31	1.0	ug/l		8260B	05/12/11	1
Dichlorodifluoromethane	U	1.6	5.0	ug/l		8260B	05/12/11	1
1,1-Dichloroethane	U	0.32	1.0	ug/l		8260B	05/12/11	1
1,2-Dichloroethane	U	0.25	1.0	ug/l		8260B	05/12/11	1
1,1-Dichloroethene	U	0.41	1.0	ug/l		8260B	05/12/11	1
cis-1,2-Dichloroethene	U	0.34	1.0	ug/l		8260B	05/12/11	1
trans-1,2-Dichloroethene	U	0.26	1.0	ug/l		8260B	05/12/11	1
1,2-Dichloropropane	U	0.39	1.0	ug/l		8260B	05/12/11	1
1,1-Dichloropropene	U	0.26	1.0	ug/l		8260B	05/12/11	1
1,3-Dichloropropene	U	0.28	1.0	ug/l		8260B	05/12/11	1
cis-1,3-Dichloropropene	U	0.25	1.0	ug/l		8260B	05/12/11	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l		8260B	05/12/11	1
2,2-Dichloropropane	U	0.36	1.0	ug/l		8260B	05/12/11	1
Di-isopropyl ether	U	0.26	1.0	ug/l		8260B	05/12/11	1
Ethylbenzene	U	0.22	1.0	ug/l		8260B	05/12/11	1
Hexachloro-1,3-butadiene	U	0.38	1.0	ug/l		8260B	05/12/11	1
Isopropylbenzene	U	0.20	1.0	ug/l		8260B	05/12/11	1

U = ND (Not Detected)

RDL = Reported Detection Limit = LOQ = PQL = EQL

MDL = Minimum Detection Limit = LOD = SQL(TRRP)

Note:

The reported analytical results relate only to the sample submitted.

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Reported: 05/18/11 10:49 Printed: 05/18/11 10:50



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(615) 758-5858
1-800-767-5859
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

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

May 18, 2011

Date Received : May 12, 2011
Description : Marketplace Retail Center

Sample ID : TRIP BLANK

Collected By : CDF
Collection Date : 05/10/11 00:00

ESC Sample # : L515719-10

Site ID :

Project # : 81097016A

Parameter	Result	MDL	RDL	Units	Qualifier	Method	Date	Dil.
p-Isopropyltoluene	U	0.31	1.0	ug/l		8260B	05/12/11	1
2-Butanone (MEK)	U	3.4	10.	ug/l		8260B	05/12/11	1
Methylene Chloride	U	0.91	5.0	ug/l		8260B	05/12/11	1
4-Methyl-2-pentanone (MIBK)	U	1.7	10.	ug/l		8260B	05/12/11	1
Methyl tert-butyl ether	U	0.63	1.0	ug/l		8260B	05/12/11	1
Naphthalene	U	0.98	5.0	ug/l		8260B	05/12/11	1
n-Propylbenzene	U	0.31	1.0	ug/l		8260B	05/12/11	1
Styrene	U	0.24	1.0	ug/l	J4	8260B	05/12/11	1
1,1,1,2-Tetrachloroethane	U	0.32	1.0	ug/l		8260B	05/12/11	1
1,1,2,2-Tetrachloroethane	U	0.25	1.0	ug/l		8260B	05/12/11	1
1,1,2-Trichloro-1,2,2-trifluoro	U	0.39	1.0	ug/l		8260B	05/12/11	1
Tetrachloroethene	U	0.32	1.0	ug/l		8260B	05/12/11	1
Toluene	U	0.32	5.0	ug/l		8260B	05/12/11	1
1,2,3-Trichlorobenzene	U	0.32	1.0	ug/l		8260B	05/12/11	1
1,2,4-Trichlorobenzene	U	0.35	1.0	ug/l		8260B	05/12/11	1
1,1,1-Trichloroethane	U	0.31	1.0	ug/l		8260B	05/12/11	1
1,1,2-Trichloroethane	U	0.29	1.0	ug/l		8260B	05/12/11	1
Trichloroethene	U	0.31	1.0	ug/l		8260B	05/12/11	1
Trichlorofluoromethane	U	1.1	5.0	ug/l		8260B	05/12/11	1
1,2,3-Trichloropropane	U	0.74	2.5	ug/l		8260B	05/12/11	1
1,2,4-Trimethylbenzene	U	0.18	1.0	ug/l		8260B	05/12/11	1
1,2,3-Trimethylbenzene	U	0.30	1.0	ug/l		8260B	05/12/11	1
1,3,5-Trimethylbenzene	U	0.33	1.0	ug/l		8260B	05/12/11	1
Vinyl chloride	U	0.34	1.0	ug/l		8260B	05/12/11	1
Xylenes, Total	U	0.86	3.0	ug/l		8260B	05/12/11	1
Surrogate Recovery								
Toluene-d8	102.			% Rec.		8260B	05/12/11	1
Dibromofluoromethane	99.8			% Rec.		8260B	05/12/11	1
4-Bromofluorobenzene	99.5			% Rec.		8260B	05/12/11	1

U = ND (Not Detected)

RDL = Reported Detection Limit = LOQ = PQL = EQL

MDL = Minimum Detection Limit = LOD = SQL(TRRP)

Note:

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Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
L515719-01	WG535457	SAMP	Styrene	R1689590	J4
L515719-02	WG535457	SAMP	Chloroform	R1689590	J
	WG535457	SAMP	Styrene	R1689590	J4
L515719-03	WG535457	SAMP	Styrene	R1689590	J4
L515719-04	WG535457	SAMP	Chloroform	R1689590	J
	WG535457	SAMP	Styrene	R1689590	J4
L515719-05	WG535457	SAMP	Benzene	R1689590	J
	WG535457	SAMP	Styrene	R1689590	J4
	WG535457	SAMP	Tetrachloroethene	R1689590	J
L515719-06	WG535457	SAMP	Styrene	R1689590	J4
L515719-07	WG535457	SAMP	Chloroform	R1689590	J
	WG535457	SAMP	Styrene	R1689590	J4
L515719-08	WG535457	SAMP	Chloroform	R1689590	J
	WG535457	SAMP	Styrene	R1689590	J4
L515719-09	WG535457	SAMP	Styrene	R1689590	J4
L515719-10	WG535457	SAMP	Styrene	R1689590	J4

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
J	(EPA) - Estimated value below the lowest calibration point. Confidence correlates with concentration.
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
05/18/11 at 10:50:24

TSR Signing Reports: 358
R5 - Desired TAT

Report in MDL/RDL format.

Sample: L515719-01 Account: TERRLWA Received: 05/12/11 08:30 Due Date: 05/19/11 00:00 RPT Date: 05/18/11 10:49
Sample: L515719-02 Account: TERRLWA Received: 05/12/11 08:30 Due Date: 05/19/11 00:00 RPT Date: 05/18/11 10:49
Sample: L515719-03 Account: TERRLWA Received: 05/12/11 08:30 Due Date: 05/19/11 00:00 RPT Date: 05/18/11 10:49
Sample: L515719-04 Account: TERRLWA Received: 05/12/11 08:30 Due Date: 05/19/11 00:00 RPT Date: 05/18/11 10:49
Sample: L515719-05 Account: TERRLWA Received: 05/12/11 08:30 Due Date: 05/19/11 00:00 RPT Date: 05/18/11 10:49
Sample: L515719-06 Account: TERRLWA Received: 05/12/11 08:30 Due Date: 05/19/11 00:00 RPT Date: 05/18/11 10:49
Sample: L515719-07 Account: TERRLWA Received: 05/12/11 08:30 Due Date: 05/19/11 00:00 RPT Date: 05/18/11 10:49
Sample: L515719-08 Account: TERRLWA Received: 05/12/11 08:30 Due Date: 05/19/11 00:00 RPT Date: 05/18/11 10:49
Sample: L515719-09 Account: TERRLWA Received: 05/12/11 08:30 Due Date: 05/19/11 00:00 RPT Date: 05/18/11 10:49
Sample: L515719-10 Account: TERRLWA Received: 05/12/11 08:30 Due Date: 05/19/11 00:00 RPT Date: 05/18/11 10:49



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Tax I.D. 62-0814289

Est. 1970

May 18, 2011

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
1,1,1,2-Tetrachloroethane	< .001	mg/l			WG535457	05/12/11 21:05
1,1,1-Trichloroethane	< .001	mg/l			WG535457	05/12/11 21:05
1,1,2,2-Tetrachloroethane	< .001	mg/l			WG535457	05/12/11 21:05
1,1,2-Trichloroethane	< .001	mg/l			WG535457	05/12/11 21:05
1,1,2-Trichloro-1,2,2-trifluoroethane	< .001	mg/l			WG535457	05/12/11 21:05
1,1-Dichloroethane	< .001	mg/l			WG535457	05/12/11 21:05
1,1-Dichloroethene	< .001	mg/l			WG535457	05/12/11 21:05
1,1-Dichloropropene	< .001	mg/l			WG535457	05/12/11 21:05
1,2,3-Trichlorobenzene	< .001	mg/l			WG535457	05/12/11 21:05
1,2,3-Trichloropropane	< .001	mg/l			WG535457	05/12/11 21:05
1,2,3-Trimethylbenzene	< .001	mg/l			WG535457	05/12/11 21:05
1,2,4-Trichlorobenzene	< .001	mg/l			WG535457	05/12/11 21:05
1,2,4-Trimethylbenzene	< .001	mg/l			WG535457	05/12/11 21:05
1,2-Dibromo-3-Chloropropane	< .005	mg/l			WG535457	05/12/11 21:05
1,2-Dibromoethane	< .001	mg/l			WG535457	05/12/11 21:05
1,2-Dichlorobenzene	< .001	mg/l			WG535457	05/12/11 21:05
1,2-Dichloroethane	< .001	mg/l			WG535457	05/12/11 21:05
1,2-Dichloropropane	< .001	mg/l			WG535457	05/12/11 21:05
1,3,5-Trimethylbenzene	< .001	mg/l			WG535457	05/12/11 21:05
1,3-Dichlorobenzene	< .001	mg/l			WG535457	05/12/11 21:05
1,3-Dichloropropane	< .001	mg/l			WG535457	05/12/11 21:05
1,4-Dichlorobenzene	< .001	mg/l			WG535457	05/12/11 21:05
2,2-Dichloropropane	< .001	mg/l			WG535457	05/12/11 21:05
2-Butanone (MEK)	< .01	mg/l			WG535457	05/12/11 21:05
2-Chloroethyl vinyl ether	< .05	mg/l			WG535457	05/12/11 21:05
2-Chlorotoluene	< .001	mg/l			WG535457	05/12/11 21:05
4-Chlorotoluene	< .001	mg/l			WG535457	05/12/11 21:05
4-Methyl-2-pentanone (MIBK)	< .01	mg/l			WG535457	05/12/11 21:05
Acetone	< .05	mg/l			WG535457	05/12/11 21:05
Acrolein	< .025	mg/l			WG535457	05/12/11 21:05
Acrylonitrile	< .01	mg/l			WG535457	05/12/11 21:05
Benzene	< .001	mg/l			WG535457	05/12/11 21:05
Bromobenzene	< .001	mg/l			WG535457	05/12/11 21:05
Bromodichloromethane	< .001	mg/l			WG535457	05/12/11 21:05
Bromoform	< .001	mg/l			WG535457	05/12/11 21:05
Bromomethane	< .005	mg/l			WG535457	05/12/11 21:05
Carbon tetrachloride	< .001	mg/l			WG535457	05/12/11 21:05
Chlorobenzene	< .001	mg/l			WG535457	05/12/11 21:05
Chlorodibromomethane	< .001	mg/l			WG535457	05/12/11 21:05
Chloroethane	< .005	mg/l			WG535457	05/12/11 21:05
Chloroform	< .005	mg/l			WG535457	05/12/11 21:05
Chloromethane	< .0025	mg/l			WG535457	05/12/11 21:05
cis-1,2-Dichloroethene	< .001	mg/l			WG535457	05/12/11 21:05
cis-1,3-Dichloropropene	< .001	mg/l			WG535457	05/12/11 21:05
Di-isopropyl ether	< .001	mg/l			WG535457	05/12/11 21:05
Dibromomethane	< .001	mg/l			WG535457	05/12/11 21:05
Dichlorodifluoromethane	< .005	mg/l			WG535457	05/12/11 21:05
Ethylbenzene	< .001	mg/l			WG535457	05/12/11 21:05
Hexachloro-1,3-butadiene	< .001	mg/l			WG535457	05/12/11 21:05
Isopropylbenzene	< .001	mg/l			WG535457	05/12/11 21:05
Methyl tert-butyl ether	< .001	mg/l			WG535457	05/12/11 21:05
Methylene Chloride	< .005	mg/l			WG535457	05/12/11 21:05
n-Butylbenzene	< .001	mg/l			WG535457	05/12/11 21:05
n-Propylbenzene	< .001	mg/l			WG535457	05/12/11 21:05
Naphthalene	< .005	mg/l			WG535457	05/12/11 21:05
p-Isopropyltoluene	< .001	mg/l			WG535457	05/12/11 21:05
sec-Butylbenzene	< .001	mg/l			WG535457	05/12/11 21:05
Styrene	< .001	mg/l			WG535457	05/12/11 21:05
tert-Butylbenzene	< .001	mg/l			WG535457	05/12/11 21:05

* 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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Tax I.D. 62-0814289

Est. 1970

May 18, 2011

Analyte	Result	Laboratory Blank		Limit	Batch	Date Analyzed
		Units	% Rec			
Tetrachloroethene	< .001	mg/l			WG535457	05/12/11 21:05
Toluene	< .005	mg/l			WG535457	05/12/11 21:05
trans-1,2-Dichloroethene	< .001	mg/l			WG535457	05/12/11 21:05
trans-1,3-Dichloropropene	< .001	mg/l			WG535457	05/12/11 21:05
Trichloroethene	< .001	mg/l			WG535457	05/12/11 21:05
Trichlorofluoromethane	< .005	mg/l			WG535457	05/12/11 21:05
Vinyl chloride	< .001	mg/l			WG535457	05/12/11 21:05
Xylenes, Total	< .003	mg/l			WG535457	05/12/11 21:05
4-Bromofluorobenzene		% Rec.	99.68	75-128	WG535457	05/12/11 21:05
Dibromofluoromethane		% Rec.	98.47	79-125	WG535457	05/12/11 21:05
Toluene-d8		% Rec.	102.6	87-114	WG535457	05/12/11 21:05

Analyte	Units	Laboratory Control Sample		% Rec	Limit	Batch
		Known Val	Result			
1,1,1,2-Tetrachloroethane	mg/l	.025	0.0235	94.1	75-134	WG535457
1,1,1-Trichloroethane	mg/l	.025	0.0241	96.3	67-137	WG535457
1,1,2,2-Tetrachloroethane	mg/l	.025	0.0245	98.1	72-128	WG535457
1,1,2-Trichloroethane	mg/l	.025	0.0236	94.5	79-123	WG535457
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/l	.025	0.0269	107.	51-149	WG535457
1,1-Dichloroethane	mg/l	.025	0.0248	99.2	67-133	WG535457
1,1-Dichloroethene	mg/l	.025	0.0244	97.5	60-130	WG535457
1,1-Dichloropropene	mg/l	.025	0.0225	89.9	68-132	WG535457
1,2,3-Trichlorobenzene	mg/l	.025	0.0235	93.9	63-138	WG535457
1,2,3-Trichloropropane	mg/l	.025	0.0244	97.4	68-130	WG535457
1,2,3-Trimethylbenzene	mg/l	.025	0.0225	89.8	70-127	WG535457
1,2,4-Trichlorobenzene	mg/l	.025	0.0248	99.2	65-137	WG535457
1,2,4-Trimethylbenzene	mg/l	.025	0.0227	91.0	72-135	WG535457
1,2-Dibromo-3-Chloropropane	mg/l	.025	0.0250	100.	55-134	WG535457
1,2-Dibromoethane	mg/l	.025	0.0239	95.4	75-126	WG535457
1,2-Dichlorobenzene	mg/l	.025	0.0231	92.6	75-122	WG535457
1,2-Dichloroethane	mg/l	.025	0.0244	97.7	63-137	WG535457
1,2-Dichloropropane	mg/l	.025	0.0241	96.4	74-122	WG535457
1,3,5-Trimethylbenzene	mg/l	.025	0.0232	92.7	73-134	WG535457
1,3-Dichlorobenzene	mg/l	.025	0.0237	94.8	73-131	WG535457
1,3-Dichloropropane	mg/l	.025	0.0235	94.0	77-119	WG535457
1,4-Dichlorobenzene	mg/l	.025	0.0236	94.4	70-121	WG535457
2,2-Dichloropropane	mg/l	.025	0.0247	98.9	46-151	WG535457
2-Butanone (MEK)	mg/l	.125	0.128	103.	53-132	WG535457
2-Chloroethyl vinyl ether	mg/l	.125	0.0739	59.1	0-171	WG535457
2-Chlorotoluene	mg/l	.025	0.0227	90.7	74-128	WG535457
4-Chlorotoluene	mg/l	.025	0.0228	91.3	74-130	WG535457
4-Methyl-2-pentanone (MIBK)	mg/l	.125	0.134	107.	60-142	WG535457
Acetone	mg/l	.125	0.126	101.	48-134	WG535457
Acrolein	mg/l	.125	0.107	85.6	6-182	WG535457
Acrylonitrile	mg/l	.125	0.133	106.	60-140	WG535457
Benzene	mg/l	.025	0.0238	95.4	67-126	WG535457
Bromobenzene	mg/l	.025	0.0228	91.3	76-123	WG535457
Bromodichloromethane	mg/l	.025	0.0243	97.3	68-133	WG535457
Bromoform	mg/l	.025	0.0210	83.9	60-139	WG535457
Bromomethane	mg/l	.025	0.0246	98.4	45-175	WG535457
Carbon tetrachloride	mg/l	.025	0.0209	83.8	64-141	WG535457
Chlorobenzene	mg/l	.025	0.0227	90.7	77-125	WG535457
Chlorodibromomethane	mg/l	.025	0.0247	98.8	73-138	WG535457
Chloroethane	mg/l	.025	0.0247	98.8	49-155	WG535457
Chloroform	mg/l	.025	0.0246	98.5	66-126	WG535457
Chloromethane	mg/l	.025	0.0222	88.9	45-152	WG535457
cis-1,2-Dichloroethene	mg/l	.025	0.0246	98.3	72-128	WG535457
cis-1,3-Dichloropropene	mg/l	.025	0.0253	101.	73-131	WG535457

* 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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May 18, 2011

Analyte	Units	Laboratory Control		Sample	% Rec	Limit	Batch
		Known	Val	Result			
Di-isopropyl ether	mg/l	.025		0.0259	104.	63-139	WG535457
Dibromomethane	mg/l	.025		0.0246	98.5	73-125	WG535457
Dichlorodifluoromethane	mg/l	.025		0.0204	81.4	39-189	WG535457
Ethylbenzene	mg/l	.025		0.0228	91.2	76-129	WG535457
Hexachloro-1,3-butadiene	mg/l	.025		0.0227	91.0	67-135	WG535457
Isopropylbenzene	mg/l	.025		0.0251	100.	73-132	WG535457
Methyl tert-butyl ether	mg/l	.025		0.0265	106.	51-142	WG535457
Methylene Chloride	mg/l	.025		0.0256	102.	64-125	WG535457
n-Butylbenzene	mg/l	.025		0.0231	92.4	63-142	WG535457
n-Propylbenzene	mg/l	.025		0.0230	91.8	71-132	WG535457
Naphthalene	mg/l	.025		0.0234	93.8	56-145	WG535457
p-Isopropyltoluene	mg/l	.025		0.0234	93.6	68-138	WG535457
sec-Butylbenzene	mg/l	.025		0.0231	92.4	70-135	WG535457
Styrene	mg/l	.025		0.0165	66.0*	78-130	WG535457
tert-Butylbenzene	mg/l	.025		0.0232	92.7	72-134	WG535457
Tetrachloroethene	mg/l	.025		0.0210	84.0	67-135	WG535457
Toluene	mg/l	.025		0.0231	92.3	72-122	WG535457
trans-1,2-Dichloroethene	mg/l	.025		0.0236	94.2	67-129	WG535457
trans-1,3-Dichloropropene	mg/l	.025		0.0234	93.7	66-137	WG535457
Trichloroethene	mg/l	.025		0.0234	93.8	74-126	WG535457
Trichlorofluoromethane	mg/l	.025		0.0227	90.6	54-156	WG535457
Vinyl chloride	mg/l	.025		0.0218	87.3	55-153	WG535457
Xylenes, Total	mg/l	.075		0.0682	90.9	75-128	WG535457
4-Bromofluorobenzene					99.10	75-128	WG535457
Dibromofluoromethane					98.97	79-125	WG535457
Toluene-d8					102.5	87-114	WG535457

Analyte	Units	Laboratory Control		Sample Duplicate	Limit	RPD	Limit	Batch
		Result	Ref	%Rec				
1,1,1,2-Tetrachloroethane	mg/l	0.0246	0.0235	98.0	75-134	4.68	20	WG535457
1,1,1-Trichloroethane	mg/l	0.0250	0.0241	100.	67-137	3.90	20	WG535457
1,1,2,2-Tetrachloroethane	mg/l	0.0255	0.0245	102.	72-128	4.01	20	WG535457
1,1,2-Trichloroethane	mg/l	0.0240	0.0236	96.0	79-123	1.64	20	WG535457
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/l	0.0270	0.0269	108.	51-149	0.390	20	WG535457
1,1-Dichloroethane	mg/l	0.0252	0.0248	101.	67-133	1.57	20	WG535457
1,1-Dichloroethene	mg/l	0.0241	0.0244	96.0	60-130	1.01	20	WG535457
1,1-Dichloropropene	mg/l	0.0228	0.0225	91.0	68-132	1.29	20	WG535457
1,2,3-Trichlorobenzene	mg/l	0.0231	0.0235	92.0	63-138	1.46	20	WG535457
1,2,3-Trichloropropane	mg/l	0.0250	0.0244	100.	68-130	2.51	20	WG535457
1,2,3-Trimethylbenzene	mg/l	0.0224	0.0225	90.0	70-127	0.0500	20	WG535457
1,2,4-Trichlorobenzene	mg/l	0.0243	0.0248	97.0	65-137	1.93	20	WG535457
1,2,4-Trimethylbenzene	mg/l	0.0229	0.0227	91.0	72-135	0.480	20	WG535457
1,2-Dibromo-3-Chloropropane	mg/l	0.0260	0.0250	104.	55-134	4.01	20	WG535457
1,2-Dibromoethane	mg/l	0.0250	0.0239	100.	75-126	4.70	20	WG535457
1,2-Dichlorobenzene	mg/l	0.0231	0.0231	92.0	75-122	0.0700	20	WG535457
1,2-Dichloroethane	mg/l	0.0241	0.0244	96.0	63-137	1.44	20	WG535457
1,2-Dichloropropane	mg/l	0.0241	0.0241	96.0	74-122	0.170	20	WG535457
1,3,5-Trimethylbenzene	mg/l	0.0232	0.0232	93.0	73-134	0.0200	20	WG535457
1,3-Dichlorobenzene	mg/l	0.0234	0.0237	94.0	73-131	1.29	20	WG535457
1,3-Dichloropropane	mg/l	0.0240	0.0235	96.0	77-119	2.07	20	WG535457
1,4-Dichlorobenzene	mg/l	0.0231	0.0236	92.0	70-121	1.92	20	WG535457
2,2-Dichloropropane	mg/l	0.0259	0.0247	104.	46-151	4.77	20	WG535457
2-Butanone (MEK)	mg/l	0.136	0.128	109.	53-132	5.68	20	WG535457
2-Chloroethyl vinyl ether	mg/l	0.0930	0.0739	74.0	0-171	22.9	27	WG535457
2-Chlorotoluene	mg/l	0.0230	0.0227	92.0	74-128	1.53	20	WG535457
4-Chlorotoluene	mg/l	0.0233	0.0228	93.0	74-130	2.25	20	WG535457
4-Methyl-2-pentanone (MIBK)	mg/l	0.142	0.134	114.	60-142	5.56	20	WG535457
Acetone	mg/l	0.134	0.126	107.	48-134	5.71	20	WG535457

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Tax I.D. 62-0814289

Est. 1970

May 18, 2011

Analyte	Units	Laboratory Control Sample Duplicate			Limit	RPD	Limit	Batch
		Result	Ref	%Rec				
Acrolein	mg/l	0.109	0.107	87.0	6-182	2.16	39	WG535457
Acrylonitrile	mg/l	0.137	0.133	110.	60-140	3.25	20	WG535457
Benzene	mg/l	0.0236	0.0238	94.0	67-126	1.18	20	WG535457
Bromobenzene	mg/l	0.0234	0.0228	94.0	76-123	2.64	20	WG535457
Bromodichloromethane	mg/l	0.0248	0.0243	99.0	68-133	1.90	20	WG535457
Bromoform	mg/l	0.0216	0.0210	86.0	60-139	3.08	20	WG535457
Bromomethane	mg/l	0.0235	0.0246	94.0	45-175	4.38	20	WG535457
Carbon tetrachloride	mg/l	0.0207	0.0209	83.0	64-141	1.08	20	WG535457
Chlorobenzene	mg/l	0.0230	0.0227	92.0	77-125	1.33	20	WG535457
Chlorodibromomethane	mg/l	0.0255	0.0247	102.	73-138	3.08	20	WG535457
Chloroethane	mg/l	0.0241	0.0247	96.0	49-155	2.42	20	WG535457
Chloroform	mg/l	0.0245	0.0246	98.0	66-126	0.310	20	WG535457
Chloromethane	mg/l	0.0221	0.0222	88.0	45-152	0.690	20	WG535457
cis-1,2-Dichloroethene	mg/l	0.0246	0.0246	98.0	72-128	0.0200	20	WG535457
cis-1,3-Dichloropropene	mg/l	0.0258	0.0253	103.	73-131	1.82	20	WG535457
Di-isopropyl ether	mg/l	0.0266	0.0259	106.	63-139	2.51	20	WG535457
Dibromomethane	mg/l	0.0251	0.0246	100.	73-125	1.95	20	WG535457
Dichlorodifluoromethane	mg/l	0.0206	0.0204	82.0	39-189	1.38	24	WG535457
Ethylbenzene	mg/l	0.0231	0.0228	92.0	76-129	1.07	20	WG535457
Hexachloro-1,3-butadiene	mg/l	0.0222	0.0227	89.0	67-135	2.60	20	WG535457
Isopropylbenzene	mg/l	0.0249	0.0251	100.	73-132	0.690	20	WG535457
Methyl tert-butyl ether	mg/l	0.0269	0.0265	107.	51-142	1.31	20	WG535457
Methylene Chloride	mg/l	0.0254	0.0256	102.	64-125	0.580	20	WG535457
n-Butylbenzene	mg/l	0.0230	0.0231	92.0	63-142	0.310	20	WG535457
n-Propylbenzene	mg/l	0.0229	0.0230	92.0	71-132	0.250	20	WG535457
Naphthalene	mg/l	0.0242	0.0234	97.0	56-145	3.30	20	WG535457
p-Isopropyltoluene	mg/l	0.0239	0.0234	96.0	68-138	2.20	20	WG535457
sec-Butylbenzene	mg/l	0.0233	0.0231	93.0	70-135	1.05	20	WG535457
Styrene	mg/l	0.0170	0.0165	68*	78-130	2.72	20	WG535457
tert-Butylbenzene	mg/l	0.0235	0.0232	94.0	72-134	1.21	20	WG535457
Tetrachloroethene	mg/l	0.0214	0.0210	85.0	67-135	1.81	20	WG535457
Toluene	mg/l	0.0230	0.0231	92.0	72-122	0.230	20	WG535457
trans-1,2-Dichloroethene	mg/l	0.0235	0.0236	94.0	67-129	0.450	20	WG535457
trans-1,3-Dichloropropene	mg/l	0.0238	0.0234	95.0	66-137	1.74	20	WG535457
Trichloroethene	mg/l	0.0230	0.0234	92.0	74-126	1.94	20	WG535457
Trichlorofluoromethane	mg/l	0.0224	0.0227	90.0	54-156	1.15	20	WG535457
Vinyl chloride	mg/l	0.0213	0.0218	85.0	55-153	2.27	20	WG535457
Xylenes, Total	mg/l	0.0684	0.0682	91.0	75-128	0.310	20	WG535457
4-Bromofluorobenzene				100.0	75-128			WG535457
Dibromofluoromethane				99.15	79-125			WG535457
Toluene-d8				102.6	87-114			WG535457

Analyte	Units	MS Res	Matrix Spike		% Rec	Limit	Ref Samp	Batch
			Ref Res	TV				
1,1,1,2-Tetrachloroethane	mg/l	0.0258	0	.025	103.	45-152	L515719-01	WG535457
1,1,1-Trichloroethane	mg/l	0.0271	0	.025	108.	31-161	L515719-01	WG535457
1,1,2,2-Tetrachloroethane	mg/l	0.0280	0	.025	112.	49-149	L515719-01	WG535457
1,1,2-Trichloroethane	mg/l	0.0261	0	.025	104.	46-145	L515719-01	WG535457
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/l	0.0313	0	.025	125.	14-168	L515719-01	WG535457
1,1-Dichloroethane	mg/l	0.0270	0	.025	108.	30-159	L515719-01	WG535457
1,1-Dichloroethene	mg/l	0.0272	0	.025	109.	10-162	L515719-01	WG535457
1,1-Dichloropropene	mg/l	0.0253	0	.025	101.	14-162	L515719-01	WG535457
1,2,3-Trichlorobenzene	mg/l	0.0255	0	.025	102.	32-143	L515719-01	WG535457
1,2,3-Trichloropropane	mg/l	0.0271	0	.025	108.	48-148	L515719-01	WG535457
1,2,3-Trimethylbenzene	mg/l	0.0238	0	.025	95.2	36-141	L515719-01	WG535457
1,2,4-Trichlorobenzene	mg/l	0.0273	0	.025	109.	27-142	L515719-01	WG535457
1,2,4-Trimethylbenzene	mg/l	0.0245	0	.025	98.2	29-153	L515719-01	WG535457
1,2-Dibromo-3-Chloropropane	mg/l	0.0286	0	.025	114.	37-148	L515719-01	WG535457

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Est. 1970

May 18, 2011

Analyte	Units	MS Res	Matrix Spike		% Rec	Limit	Ref Samp	Batch
			Ref Res	TV				
1,2-Dibromoethane	mg/l	0.0266	0	.025	106.	41-149	L515719-01	WG535457
1,2-Dichlorobenzene	mg/l	0.0250	0	.025	99.9	40-139	L515719-01	WG535457
1,2-Dichloroethane	mg/l	0.0265	0	.025	106.	29-167	L515719-01	WG535457
1,2-Dichloropropane	mg/l	0.0263	0	.025	105.	39-148	L515719-01	WG535457
1,3,5-Trimethylbenzene	mg/l	0.0251	0	.025	100.	33-149	L515719-01	WG535457
1,3-Dichlorobenzene	mg/l	0.0252	0	.025	101.	32-148	L515719-01	WG535457
1,3-Dichloropropane	mg/l	0.0260	0	.025	104.	44-142	L515719-01	WG535457
1,4-Dichlorobenzene	mg/l	0.0254	0	.025	101.	32-136	L515719-01	WG535457
2,2-Dichloropropane	mg/l	0.0286	0	.025	114.	14-158	L515719-01	WG535457
2-Butanone (MEK)	mg/l	0.146	0	.125	116.	32-151	L515719-01	WG535457
2-Chloroethyl vinyl ether	mg/l	0	0	.125	0	0-175	L515719-01	WG535457
2-Chlorotoluene	mg/l	0.0247	0	.025	98.8	35-147	L515719-01	WG535457
4-Chlorotoluene	mg/l	0.0249	0	.025	99.5	33-147	L515719-01	WG535457
4-Methyl-2-pentanone (MIBK)	mg/l	0.156	0	.125	125.	40-160	L515719-01	WG535457
Acetone	mg/l	0.127	0	.125	102.	25-157	L515719-01	WG535457
Acrolein	mg/l	0.109	0	.125	87.0	0-179	L515719-01	WG535457
Acrylonitrile	mg/l	0.158	0	.125	126.	37-162	L515719-01	WG535457
Benzene	mg/l	0.0258	0	.025	103.	16-158	L515719-01	WG535457
Bromobenzene	mg/l	0.0246	0	.025	98.5	37-147	L515719-01	WG535457
Bromodichloromethane	mg/l	0.0263	0	.025	105.	45-147	L515719-01	WG535457
Bromoform	mg/l	0.0224	0	.025	89.5	38-152	L515719-01	WG535457
Bromomethane	mg/l	0.0235	0	.025	94.0	0-191	L515719-01	WG535457
Carbon tetrachloride	mg/l	0.0275	0	.025	110.	22-168	L515719-01	WG535457
Chlorobenzene	mg/l	0.0242	0	.025	96.6	33-148	L515719-01	WG535457
Chlorodibromomethane	mg/l	0.0271	0	.025	108.	48-151	L515719-01	WG535457
Chloroethane	mg/l	0.0256	0	.025	102.	4-176	L515719-01	WG535457
Chloroform	mg/l	0.0270	0	.025	108.	37-147	L515719-01	WG535457
Chloromethane	mg/l	0.0257	0	.025	103.	10-174	L515719-01	WG535457
cis-1,2-Dichloroethene	mg/l	0.0270	0	.025	108.	29-156	L515719-01	WG535457
cis-1,3-Dichloropropene	mg/l	0.0265	0	.025	106.	35-148	L515719-01	WG535457
Di-isopropyl ether	mg/l	0.0285	0	.025	114.	39-160	L515719-01	WG535457
Dibromomethane	mg/l	0.0276	0	.025	110.	36-152	L515719-01	WG535457
Dichlorodifluoromethane	mg/l	0.0235	0	.025	94.0	0-200	L515719-01	WG535457
Ethylbenzene	mg/l	0.0245	0	.025	98.0	29-150	L515719-01	WG535457
Hexachloro-1,3-butadiene	mg/l	0.0241	0	.025	96.4	28-144	L515719-01	WG535457
Isopropylbenzene	mg/l	0.0275	0	.025	110.	35-147	L515719-01	WG535457
Methyl tert-butyl ether	mg/l	0.0295	0	.025	118.	24-167	L515719-01	WG535457
Methylene Chloride	mg/l	0.0276	0	.025	110.	23-151	L515719-01	WG535457
n-Butylbenzene	mg/l	0.0260	0	.025	104.	22-151	L515719-01	WG535457
n-Propylbenzene	mg/l	0.0250	0	.025	100.	26-150	L515719-01	WG535457
Naphthalene	mg/l	0.0275	0	.025	110.	24-160	L515719-01	WG535457
p-Isopropyltoluene	mg/l	0.0261	0	.025	104.	28-151	L515719-01	WG535457
sec-Butylbenzene	mg/l	0.0256	0	.025	102.	32-149	L515719-01	WG535457
Styrene	mg/l	0.0180	0	.025	72.1	38-149	L515719-01	WG535457
tert-Butylbenzene	mg/l	0.0252	0	.025	101.	36-149	L515719-01	WG535457
Tetrachloroethene	mg/l	0.0251	0.00130	.025	95.2	13-157	L515719-01	WG535457
Toluene	mg/l	0.0250	0	.025	99.9	22-152	L515719-01	WG535457
trans-1,2-Dichloroethene	mg/l	0.0260	0	.025	104.	11-160	L515719-01	WG535457
trans-1,3-Dichloropropene	mg/l	0.0253	0	.025	101.	33-153	L515719-01	WG535457
Trichloroethene	mg/l	0.0251	0	.025	100.	18-163	L515719-01	WG535457
Trichlorofluoromethane	mg/l	0.0259	0	.025	104.	10-177	L515719-01	WG535457
Vinyl chloride	mg/l	0.0231	0	.025	92.2	0-179	L515719-01	WG535457
Xylenes, Total	mg/l	0.0739	0	.075	98.5	27-151	L515719-01	WG535457
4-Bromofluorobenzene					98.58	75-128		WG535457
Dibromofluoromethane					101.5	79-125		WG535457
Toluene-d8					101.9	87-114		WG535457

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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	0.0260	0.0258	104.	45-152	0.920	21	L515719-01	WG535457	
1,1,1-Trichloroethane	mg/l	0.0273	0.0271	109.	31-161	0.560	23	L515719-01	WG535457	
1,1,2,2-Tetrachloroethane	mg/l	0.0281	0.0280	112.	49-149	0.350	22	L515719-01	WG535457	
1,1,2-Trichloroethane	mg/l	0.0259	0.0261	104.	46-145	0.850	20	L515719-01	WG535457	
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/l	0.0305	0.0313	122.	14-168	2.61	24	L515719-01	WG535457	
1,1-Dichloroethane	mg/l	0.0266	0.0270	106.	30-159	1.27	21	L515719-01	WG535457	
1,1-Dichloroethene	mg/l	0.0269	0.0272	108.	10-162	1.36	23	L515719-01	WG535457	
1,1-Dichloropropene	mg/l	0.0247	0.0253	98.6	14-162	2.76	23	L515719-01	WG535457	
1,2,3-Trichlorobenzene	mg/l	0.0253	0.0255	101.	32-143	0.910	33	L515719-01	WG535457	
1,2,3-Trichloropropane	mg/l	0.0261	0.0271	104.	48-148	3.73	23	L515719-01	WG535457	
1,2,3-Trimethylbenzene	mg/l	0.0238	0.0238	95.3	36-141	0.0800	25	L515719-01	WG535457	
1,2,4-Trichlorobenzene	mg/l	0.0263	0.0273	105.	27-142	3.83	30	L515719-01	WG535457	
1,2,4-Trimethylbenzene	mg/l	0.0244	0.0245	97.7	29-153	0.440	27	L515719-01	WG535457	
1,2-Dibromo-3-Chloropropane	mg/l	0.0287	0.0286	115.	37-148	0.370	27	L515719-01	WG535457	
1,2-Dibromoethane	mg/l	0.0264	0.0266	106.	41-149	0.540	21	L515719-01	WG535457	
1,2-Dichlorobenzene	mg/l	0.0247	0.0250	98.9	40-139	0.950	23	L515719-01	WG535457	
1,2-Dichloroethane	mg/l	0.0254	0.0265	102.	29-167	4.25	21	L515719-01	WG535457	
1,2-Dichloropropane	mg/l	0.0259	0.0263	104.	39-148	1.37	20	L515719-01	WG535457	
1,3,5-Trimethylbenzene	mg/l	0.0250	0.0251	99.8	33-149	0.380	26	L515719-01	WG535457	
1,3-Dichlorobenzene	mg/l	0.0246	0.0252	98.6	32-148	2.20	24	L515719-01	WG535457	
1,3-Dichloropropane	mg/l	0.0259	0.0260	104.	44-142	0.620	20	L515719-01	WG535457	
1,4-Dichlorobenzene	mg/l	0.0250	0.0254	100.	32-136	1.27	23	L515719-01	WG535457	
2,2-Dichloropropane	mg/l	0.0291	0.0286	116.	14-158	1.84	23	L515719-01	WG535457	
2-Butanone (MEK)	mg/l	0.142	0.146	113.	32-151	2.60	26	L515719-01	WG535457	
2-Chloroethyl vinyl ether	mg/l	0	0	0.00	0-175	0	75	L515719-01	WG535457	
2-Chlorotoluene	mg/l	0.0245	0.0247	98.1	35-147	0.670	24	L515719-01	WG535457	
4-Chlorotoluene	mg/l	0.0248	0.0249	99.3	33-147	0.190	25	L515719-01	WG535457	
4-Methyl-2-pentanone (MIBK)	mg/l	0.155	0.156	124.	40-160	0.510	28	L515719-01	WG535457	
Acetone	mg/l	0.127	0.127	101.	25-157	0.370	26	L515719-01	WG535457	
Acrolein	mg/l	0.109	0.109	87.1	0-179	0.110	39	L515719-01	WG535457	
Acrylonitrile	mg/l	0.153	0.158	123.	37-162	3.06	24	L515719-01	WG535457	
Benzene	mg/l	0.0251	0.0258	100.	16-158	2.71	21	L515719-01	WG535457	
Bromobenzene	mg/l	0.0247	0.0246	98.6	37-147	0.100	23	L515719-01	WG535457	
Bromodichloromethane	mg/l	0.0264	0.0263	106.	45-147	0.270	20	L515719-01	WG535457	
Bromoform	mg/l	0.0233	0.0224	93.2	38-152	4.07	20	L515719-01	WG535457	
Bromomethane	mg/l	0.0232	0.0235	92.8	0-191	1.33	35	L515719-01	WG535457	
Carbon tetrachloride	mg/l	0.0234	0.0275	93.6	22-168	16.1	24	L515719-01	WG535457	
Chlorobenzene	mg/l	0.0242	0.0242	96.7	33-148	0.100	22	L515719-01	WG535457	
Chlorodibromomethane	mg/l	0.0273	0.0271	109.	48-151	1.04	21	L515719-01	WG535457	
Chloroethane	mg/l	0.0243	0.0256	97.2	4-176	5.11	27	L515719-01	WG535457	
Chloroform	mg/l	0.0266	0.0270	106.	37-147	1.44	21	L515719-01	WG535457	
Chloromethane	mg/l	0.0238	0.0257	95.2	10-174	7.48	28	L515719-01	WG535457	
cis-1,2-Dichloroethene	mg/l	0.0261	0.0270	104.	29-156	3.66	22	L515719-01	WG535457	
cis-1,3-Dichloropropene	mg/l	0.0265	0.0265	106.	35-148	0.130	21	L515719-01	WG535457	
Di-isopropyl ether	mg/l	0.0281	0.0285	112.	39-160	1.23	21	L515719-01	WG535457	
Dibromomethane	mg/l	0.0270	0.0276	108.	36-152	2.17	20	L515719-01	WG535457	
Dichlorodifluoromethane	mg/l	0.0231	0.0235	92.3	0-200	1.81	26	L515719-01	WG535457	
Ethylbenzene	mg/l	0.0249	0.0245	99.8	29-150	1.74	24	L515719-01	WG535457	
Hexachloro-1,3-butadiene	mg/l	0.0238	0.0241	95.4	28-144	1.05	33	L515719-01	WG535457	
Isopropylbenzene	mg/l	0.0273	0.0275	109.	35-147	0.650	25	L515719-01	WG535457	
Methyl tert-butyl ether	mg/l	0.0292	0.0295	117.	24-167	1.01	22	L515719-01	WG535457	
Methylene Chloride	mg/l	0.0271	0.0276	108.	23-151	1.84	21	L515719-01	WG535457	
n-Butylbenzene	mg/l	0.0253	0.0260	101.	22-151	2.58	29	L515719-01	WG535457	
n-Propylbenzene	mg/l	0.0249	0.0250	99.4	26-150	0.690	25	L515719-01	WG535457	
Naphthalene	mg/l	0.0270	0.0275	108.	24-160	1.74	37	L515719-01	WG535457	
p-Isopropyltoluene	mg/l	0.0256	0.0261	102.	28-151	2.09	27	L515719-01	WG535457	
sec-Butylbenzene	mg/l	0.0251	0.0256	100.	32-149	1.96	26	L515719-01	WG535457	
Styrene	mg/l	0.0173	0.0180	69.2	38-149	4.11	23	L515719-01	WG535457	
tert-Butylbenzene	mg/l	0.0258	0.0252	103.	36-149	2.17	26	L515719-01	WG535457	
Tetrachloroethene	mg/l	0.0246	0.0251	93.1	13-157	2.11	24	L515719-01	WG535457	

* Performance of this Analyte is outside of established criteria.
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'



YOUR LAB OF CHOICE

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

Quality Assurance Report
Level II

L515719

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

May 18, 2011

Analyte	Units	MSD	Matrix Spike Duplicate		Limit	RPD	Limit	Ref	Samp	Batch
			Ref	%Rec						
Toluene	mg/l	0.0246	0.0250	98.3	22-152	1.59	22	L515719-01		WG535457
trans-1,2-Dichloroethene	mg/l	0.0256	0.0260	102.	11-160	1.80	23	L515719-01		WG535457
trans-1,3-Dichloropropene	mg/l	0.0254	0.0253	102.	33-153	0.400	22	L515719-01		WG535457
Trichloroethene	mg/l	0.0246	0.0251	98.5	18-163	1.83	21	L515719-01		WG535457
Trichlorofluoromethane	mg/l	0.0256	0.0259	102.	10-177	1.08	24	L515719-01		WG535457
Vinyl chloride	mg/l	0.0227	0.0231	90.7	0-179	1.70	26	L515719-01		WG535457
Xylenes, Total	mg/l	0.0735	0.0739	97.9	27-151	0.580	23	L515719-01		WG535457
4-Bromofluorobenzene				100.6	75-128					WG535457
Dibromofluoromethane				100.3	79-125					WG535457
Toluene-d8				102.4	87-114					WG535457

Batch number /Run number / Sample number cross reference

WG535457: R1689590: L515719-01 02 03 04 05 06 07 08 09 10

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

* Performance of this Analyte is outside of established criteria.

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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.