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Section	SUPERFUND
Program	IHS (IHS)
DocCat	FACILITY

ECS CAROLINAS, LLP

Geotechnical • Construction Materials • Environmental

ADDITIONAL REMEDIAL INVESTIGATION
TWIN LAKES SUBDIVISION
403 Elm Farm Place - Lot 538 – AOC21
555 Abbey Fields Loop - Lot 548 - AOC22
MORRISVILLE, NORTH CAROLINA

ECS PROJECT 06.15416-I

Prepared for:

KB HOME, RALEIGH-DURHAM INC.
2610 Wycliff Road
Suite 102
Raleigh, North Carolina, 27607

Chris Dionne
Environmental Scientist

Mark Brown, L.G., P.G., RSM
Principal Geologist
NC Licensed Geologist #1711

SEPTEMBER 3, 2008

ECS CAROLINAS, LLP
Geotechnical • Construction Materials • Environmental

Mr. Travis Cope
Senior Regional Counsel
KB Home
10990 Wilshire Blvd (7th Floor)
Los Angeles, CA 90024

September 3, 2008

RE: **Additional Remedial Investigation**
403 Elm Farm Place, Lot 538, AOC 21
555 Abbey Fields Loop, Lot 548, AOC 22
Morrisville, Wake County, North Carolina
ECS Project Number 06.15416-I

Dear Mr. Cope:

As authorized by your acceptance of our Proposal 06.11969 dated March 26, 2008, ECS Carolinas, LLP (ECS) has completed additional soil sampling and excavation at 403 Elm Farm Place and 555 Abbey Fields Loop, (AOC 21 and AOC 22, respectively) in Morrisville, Wake County, North Carolina, as directed by Mr. Keith Snavely, representative of North Carolina Department of Environment and Natural Resources (NCDENR), Division of Waste Management, Hazardous Waste Section, Inactive Hazardous Sites Branch (IHSB). Included in this report is a description of background information, brief descriptions of previous and ongoing environmental investigations, field activities, laboratory results, conclusions and recommendations.

We appreciate the opportunity to provide our services to you. If there are questions regarding this report, or a need for further information, please contact us at (919) 861-9910.

Respectfully submitted,
ECS CAROLINAS, LLP

Chris Dionne
Environmental Scientist

Mark Brown, L.G., P.G., RSM
Principal Geologist
NC Licensed Geologist #1711

CD/SMB/smb

Enclosure(s): *Additional Remediation Investigation Report, September 3, 2008*

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STATE FILE

ECS CAROLINAS, LLP
Geotechnical • Construction Materials • Environmental

Mr. Keith Snavely
North Carolina Department of Environment and Natural Resources
Division of Waste Management, Superfund Section
Inactive Hazardous Sites Branch
401 Oberlin Road, Ste. 150
1646 Mail Service Center
Raleigh, NC, 27699-1646

September 3, 2008

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SUPERFUND SECTION

RE: **Additional Remedial Investigation**
403 Elm Farm Place, Lot 538, AOC 21
555 Abbey Fields Loop, Lot 548, AOC 22
Morrisville, Wake County, North Carolina
ECS Project Number 06.15416-I

Dear Mr. Snavely:

ECS Carolinas, LLP (ECS), on behalf of KB Home Raleigh-Durham, Inc., appreciates the opportunity to submit the attached *Additional Remedial Investigation* Report. ECS performed additional soil sampling and excavation services at 403 Elm Farm Place and 555 Abbey Fields Loop, (AOC 21 and AOC 22, respectively) in Morrisville, Wake County, North Carolina, as directed by you on March 12, 2008. Included in this report is a description of background information, brief descriptions of previous and ongoing environmental investigations, field activities, laboratory results, conclusions and recommendations.

We appreciate the opportunity to provide this report to you. If there are questions regarding this report, or a need for further information, please contact us at (919) 861-9910 or via email at cdionne@ecslimited.com or smbrown@ecslimited.com .

Sincerely,
ECS CAROLINAS, LLP

Chris Dionne
Environmental Scientist

Mark Brown, L.G., P.G., RSM
Principal Geologist
NC Licensed Geologist #1711

CD/SMB/smb

Enclosure(s): *Additional Remediation Investigation Report, September 3, 2008*

I:_PROJECTS\T15000-T15999\15416-I\DRAFT SUBMITTAL\AOC 21_AOC 22 DFT RPT.DOC

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ADDITIONAL REMEDIAL INVESTIGATION
TWIN LAKES SUBDIVISION

403 Elm Farm Place - Lot 538 – AOC21
555 Abbey Fields Loop - Lot 548 - AOC22
MORRISVILLE, NORTH CAROLINA

Prepared for:

KB HOME, RALEIGH-DURHAM INC.
2610 Wycliff Road
Suite 102
Raleigh, North Carolina, 27607

Prepared by:

ECS Carolinas, LLP
9001 Glenwood Avenue
Raleigh, NC 27617

ECS PROJECT 06.15416-I

SEPTEMBER 3, 2008

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1.0 INTRODUCTION

The overall objective of this Additional Remedial Investigation (RI) performed at 403 Elm Farm Place and 555 Abbey Fields Loop, Twin Lakes Subdivision (Twin Lakes) Lots 538 and 548 respectively in Morrisville, North Carolina (Appendix A; Figure 1) was to assess the extent and magnitude of potential environmental impacts to soil due to recent activities performed on-site. KB Home, Raleigh-Durham Inc. (KB Home) recently purchased and developed the property with multiple single-family residences. This RI is performed by ECS Carolinas, LLP (ECS) on behalf, and with the authorization and direction, of KB Home. KB Home wishes to address potential environmental issues with the oversight of the North Carolina Department of Environment and Natural Resources (NCDENR), Division of Waste Management, Hazardous Waste Section, Inactive Hazardous Sites Branch (IHSB). Previous investigations on these properties, including Phase I and Phase II investigations were submitted to Mr. Keith Snavely of the IHSB. After soil was removed on the properties, confirmatory samples were taken by ECS to determine that soils with a concentration of xylene above IHSB remediation goals were removed from the site. Two of those confirmatory samples returned with xylene concentrations above IHSB goals and, in a directive dated March 12, 2008, Mr. Snavely requested additional investigations be performed at those two lots. This report is presents the additional investigations performed at those locations.

This investigation was performed in accordance with the requirements of the North Carolina Inactive Hazardous Sites Program (the Program), including the Program's *Guidelines for Assessment and Cleanup, August 2000 (*hereafter referred to as *Guidelines)*. The scope of work and methodology used for completion of this investigation are: (1) complete the assessment of shallow suspect soils identified in the referenced March 12, 2008 letter, (2) identify remedial goals; and (3) compile, evaluate, and present the analytical results of this assessment in this report.

The tasks described above herein and the resulting laboratory data are intended and expected to satisfy the applicable regulatory requirements for an RI. They are also intended and expected to complete site characterization activities necessary to potentially implement subsequent stages of the RI in accordance with the *Guidelines*.

2.0 PREVIOUS ENVIRONMENTAL ASSESSMENTS

The following discussion describes the previous investigations at the sites. Copies of the previous investigations were submitted to the Branch as required.

2.1 Phase I Environmental Site Assessment

ECS did not perform a Phase I Environmental Site Assessment (ESA) for the site and was not provided with a copy of a Phase I ESA or other environmental reports, if they have been previously performed.

2.2 Phase I RI Work Plan

A *Phase I RI Work Plan (Work Plan),* prepared by ECS in accordance with the *Guidelines* was submitted to Mr. Keith Snavely, representative of the IHSB, on October 17, 2007. In the *Work Plan*, ECS proposed to collect representative soils samples from twenty selected properties in Twin Lakes designated by ECS as Areas of Concern (AOC) 8 through AOC 27. On October 18, 2007, Mr. Snavely approved the *Work Plan* and on October 19, 2007, ECS began implementation of the Phase I RI.

2.3 Phase I Remedial Investigation

During implementation of the Phase I RI, ECS personnel collected soil samples from twenty single-family residences designated AOC 8 through AOC 27 as detailed below in Table 1. The soil samples were collected to assess the potential presence of volatile organic compounds (VOCs) on-site. ECS personnel collected a minimum of six soil samples at each residence located along both sides of the driveway. At four of the twenty residences (AOC 15, AOC 23, AOC 24 and AOC 25), ECS personnel collected one to two additional soil samples on-site based on visual observations of stressed vegetation.

Laboratory analysis of 137 soil samples collected from random locations at AOC 8 through AOC 27 detected various levels of VOCs which exceeded both their respective IHSB Soil Remediation Goals (RG), Groundwater Standards promulgated in 15A NCAC 2L (2L Standards), and twenty times the 2L Standard (2L Standard times 20) at eighteen of the twenty AOCs. The highest concentration of target analytes detected in the samples analyzed was 42,000 ppm of xylene, collected at AOC 15-2 at 0.5 feet below ground surface (bgs).

For the purposes of the *RI*, each of these residences was assigned an arbitrary AOC number, which is listed in Table 1 below:

LOT #	ADDRESS	AOC#	EXCAVATION ORDER
21	504 Tranquil Sound Drive	16	18
27	518 Tranquil Sound Drive	17	19
30	524 Tranquil Sound Drive	18	20
220	402 Otter Cliff Way	14	17
226	549 Front Ridge Drive	8	15
228	553 Front Ridge Drive	9	13
229	554 Front Ridge Drive	10	10
230	552 Front Ridge Drive	11	14
237	538 Front Ridge Drive	15	2
LOT #	ADDRESS	AOC#	EXCAVATION ORDER
322	646 Piper Stream Circle	12	16
323	644 Piper Stream Circle	13	12
505	112 Singer Way	27	7
535	404 Elm Farm Place	26	8
538	403 Elm Farm Place	21	9
548	555 Abbey Fields Loop	22	6
551	556 Abbey Fields Loop	19	11
558	540 Abbey Fields Loop	20	1
563	530 Abbey Fields Loop	23	3
564	528 Abbey Fields Loop	24	4
569	516 Abbey Fields Loop	25	5

*AOC designations 1 through 7 were previously used for sampling activities performed at another location reported under a separate heading.

2.4 Phase II RI Work Plan

A *Phase II RI Work Plan (Phase II)* was prepared by ECS on November 26, 2007 and submitted to Mr. Snavely. In the *Phase II*, ECS proposed to excavate along both sides of the entire length of each driveway, at a minimum width of 36 inches from the driveway's edge, and a minimum depth of 12 inches bgs. Other areas of the yard suspected of containing elevated levels of VOCs, primarily xylene, were also proposed to be excavated. In these isolated areas, using the preliminary sample location as a center point, ECS proposed to excavate to a minimum of 72 square inches (36 inches horizontally from the center point in each of four principal directions) to a minimum of 12 inches bgs at each location. ECS also proposed to increase and/or decrease the amount of soil excavated at each AOC based on visual and/or olfactory observations and PID readings made in the field. On November 27, 2007, Mr. Snavely approved the *Phase II Work Plan* and on November 30, 2007, ECS began implementation of the Phase II RI.

2.5 Phase II Remedial Investigation

During implementation of the Phase II RI, ECS personnel excavated soils from AOC 8 through AOC 27 as detailed above in Table 1. The potentially impacted soils were excavated and stockpiled at a designated secured area located within Twin Lakes. The stockpiled area was outlined with orange protective fencing along with "No Trespassing" signs. A 4ml plastic sheet lining was placed on the entire ground to serve as a barrier before soils were placed into the stockpile area. At the end of each work day, stockpiled soils were covered with the 4ml plastic sheeting along with hay bails to minimize infiltration of precipitation and run-off. On December 13, 14 and 20th, 2007, the excavated soils were transported and properly disposed at Upper Piedmont Environmental, Rougemont, NC, which is an RCRA-Subtitle D Landfill.

2.6 Additional RI Work Plan

In response to Mr. Snavely's request dated March 12, 2008, a *Phase II RI Work Plan Amendment (Phase II)* was prepared by ECS and submitted to the IHSB on March 27, 2008. In the *Phase II*, ECS proposed to perform additional soil sampling services, as requested by Mr. Snavely, at two residences located in Twin Lakes.

2.7 Additional RI

During implementation of the Additional RI, ECS personnel collected soil samples from AOC 21 on April 22 and May 15, 2008. The soil samples were collected to assess the potential presence of VOCs on-site. ECS personnel collected three soil samples on April 22 and four soil samples on May 15, 2008 as shown on Figures 2 and 3.

Laboratory analysis of the seven soil samples collected from AOC 21 detected various levels of VOCs which were below IHSB-RGs, and twenty times the 2L Standards.

3.0 SITE GEOLOGY AND HYDROGEOLOGY

A review of the United States Geological Survey (USGS) Topographical Map, Cary, North Carolina Quadrangle, indicates that the site is situated approximately 350 feet above mean sea level (MSL). The topographic map indicates that the surrounding vicinity is generally similar in elevation. Surface run-off from the subject property is expected to flow south towards an unnamed tributary of Crabtree Creek (Appendix A; Figure 2). The subject property is depicted as undeveloped woodlands with McCrimmon Parkway depicted to the north, Davis Drive depicted approximately 2,500 feet to the west of the site, undeveloped woodlands depicted to the south, and Town Hall Drive depicted to the east. An unnamed tributary and two small ponds are depicted near the central location of the site.

Geologically, the subject property is located in the Piedmont Physiographic Province (Piedmont) of North Carolina. The Piedmont is characterized by gently rolling topography, deeply weathered bedrock, and a relative paucity of solid outcrop. Rocks are strongly weathered in the Piedmont's humid climate and bedrock is generally buried under a thick (6-60 ft) blanket of saprolite. Outcrops are commonly restricted to stream valleys where saprolite has been removed by erosion. The topography becomes somewhat more rugged with proximity to the Blue Ridge Mountains, where local monadnocks of more resistant rock occur.

According to the United States Department of the Agriculture Soil Conservation Service, *Soils of Wake County*, the soils beneath the site can be described as one or more of the following: Cp – Congaree silt loam, CrB2- Creedmoor sandy loam, Gu – Gullied land, MfC2 – Mayodan sandy loam, WsB2- White Store sandy loam, WsC2 – White Store sandy loam and Wy – Worsham sandy loam.

*It should be noted that the soils currently located on-site may consist of a mixture of on-site and/or off-site borrow materials generated during preliminary site grading operations of Twin Lakes.

In general, shallow unconfined groundwater movement within the overlying soils is controlled largely by topographic gradients. However, as the groundwater percolates downward to the bedrock, it becomes controlled by the orientation of the rock fracture systems. Thus, the direction of groundwater movement may not be consistent with the reflecting topography. Recharge occurs primarily by infiltration along higher elevations and typically discharges into streams or other surface water bodies. The elevation of the shallow water-table is transient and can vary greatly with seasonal fluctuations in precipitation. Movement of groundwater under water-table conditions is generally from higher to lower elevations. As such, shallow groundwater beneath the subject property would be expected to flow to the south toward an unnamed tributary of Crabtree Creek.

This inference only includes shallow groundwater that is not being influenced by pumping or subsurface conduits such as tile drains or utility lines. Actual site groundwater flow direction cannot be determined without site-specific groundwater information determined through the installation of groundwater monitoring wells.

4.0 FIELD ACTIVITIES

Prior to mobilizing, ECS prepared a Health and Safety Plan (HASP) for the activities to be performed at the sites. Field activities were conducted in general accordance with the *RI Work Plan Amendment* dated March 27, 2008. As indicated earlier, AOC 21 was located at 403 Elm Farm Place and AOC 22 was located at 555 Abbey Fields Lane.

4.1 AOC 21

On April 22, 2008, ECS personnel collected soil samples from four locations at AOC 21 (L6, L7A, L8, and L9) along the left side of the driveway in the vicinity of the sample location "L1". Soil samples were collected using a stainless-steel hand auger (auger). Samples were collected at approximately 12 inches bgs. Each soil sample was collected by augering to a predetermined depth below the existing surface using a tape measure and then placing a portion of the sample into a re-sealable plastic bag (aliquot). A representative sample from each depth and corresponding location was screened for relative levels of organic vapors using a PID. Field screening measurements ranged from very low and non-detectable levels to elevated levels. Soil sample selections for laboratory analysis were based on PID readings and/or visual and olfactory observations. A summary of these PID level screening results for the samples collected are provided in Appendix B; Table 1.

The auger and stainless-steel bucket were decontaminated by washing in a solution of Alconox detergent and potable water, followed by a rinse with de-ionized water between each new boring location and each individual sample depth prior to initiating the first boring. Summaries of this data are provided in Section 6.1 and Appendix B. Blind duplicate samples were also collected in the field. Trip blank, blind duplicate, and laboratory quality assurance information is included with the laboratory data reports and discussed in Section 6.3.

After a review of the April 22 sample results, Mr. Snavely requested that ECS return to the site to collect additional samples to "...confirm that contamination was isolated to a depth of 2 feet bgs". ECS personnel returned to the site on May 15, 2008 and collected soil samples from three additional locations (L9A, L9B, L10A, and L11). Sample collection procedures were repeated as presented above.

4.2 AOC 22

On June 6, 2008, ECS personnel collected hand auger soil samples from four locations (L8, L9, L10, and L11) at AOC 22. All soil samples were taken on the left side of the driveway in the vicinity of the previously collected L1 and L6 locations. Each soil sample was collected beneath the concrete sidewalk using a stainless steel auger advanced at a 45° angle (to the existing ground surface) and the aliquot was placed into a re-sealable plastic bag. Samples were collected at 1.5 feet bgs (L8A, L9A, L10A, and L11A) and 3.5 feet bgs (L8B, L9B, and L10B) measured vertically from the horizontal surface. Summaries of this data are provided in Section 6.2 and Appendix C. The auger and stainless-steel bucket were decontaminated using the same decontamination method described above. Blind duplicate samples were also collected in the field. Trip blank, blind duplicate, and laboratory quality assurance information is included with the laboratory data reports and discussed in Section 6.3.

After a review of the June 6th sample results, Mr. Snavely requested that ECS return to AOC22 to excavate suspect soils to an approximate depth of 3.0 feet bgs.

5.0 EXCAVATION AND CONFIRMATORY SOIL SAMPLING

5.1 AOC 21

Based on analytical results reported from both sampling events performed, excavation and confirmatory soil sampling activities were not required at AOC 21.

5.2 AOC 22

Based on analytical results reported from both sampling events performed, excavation and confirmatory soil sampling activities were required at AOC 22.

On June 26, 2008, ECS personnel and their subcontractor (A&D Environmental Services, Inc. (A&D)) returned to the site to excavate suspect soils and perform confirmatory soil sampling. Suspect soils were removed with a mini-excavator, placed into a tri-axle dump truck and hauled to the designated staging area. During excavation activities, ECS personnel screened existing soils for relative levels of VOC vapors using a PID. Soils located on excavation side walls and/or bottom of the excavation trench which exhibited elevated PID readings were removed up to the limits of excavation (i.e. structural foundations, sidewalks and roads). In some cases, potentially elevated soils were not excavated because they were encapsulated by the foundation, sidewalk or driveway and removal may have caused structural damage.

According to the attached manifest(s), approximately 3.5 tons of suspect soils were transported to Upper Piedmont Environmental Landfill located in Rougemont, NC.

Confirmatory (grab) soil samples were collected along the sidewalls and in the bottom of the excavation. An aliquot was placed in a re-sealable plastic bag, allowed to volatilize, and screened with a PID. Field screening measurements ranged from very low and non-detectable levels to elevated levels. Soil sample selections for laboratory analysis (L11-1, L11B, L12, L13, L14, and L15) were based on PID readings and/or visual and olfactory observations. A summary of these PID level screening results for the samples collected are provided in Appendix C Table 1.

6.0 LABORATORY ANALYSIS

6.1 AOC 21

Soil samples collected from AOC 21 were analyzed by a State of North Carolina-Certified Analytical Laboratory, Environmental Science Corporation (ESC) for VOCs by EPA Method 8260-B and compared to the IHSB-RGs and "twenty times the 2L Standard" (2L Standard *20). The analytical data for additional sampling at AOC 21 is presented in Appendix B, Table 2, *Summary of Soil Sampling Results*. The IHSB-RGs, 2L Standards and the 2L Standard (*20) for each analyte are included in Table 2. A brief summary of analytical results is detailed below.

- **Samples L6, L7A, L8, and L9** -- Laboratory analysis of four soil samples collected on April 22, 2008 detected no concentrations of target analytes which were elevated above the RG or 2L Standards.

- **Samples L9A, L9B, L10A, L10B, and L11** -- Laboratory analysis of five soil samples collected on May 15, 2008 detected no concentrations of target analytes which were elevated above the RG or 2L Standards.

6.2 AOC 22

Soil samples collected from AOC 22 were analyzed by ESC for VOCs by EPA Method 8260-B. The analytical data for additional sampling at AOC 22 is presented in Appendix C; Table 2, *Summary of Soil Sampling Results*. The IHSB RG, 2L Standard, and 2L Standard (*20) for each analyte are included in Table 2. A brief summary of analytical results is detailed below.

- **Samples L8A, L9A, L10A, L11A, L8B, L9B, and L10B** -- Laboratory analysis of soil sample L8a at 1.5 feet collected on June 6, 2008 detected levels of xylene at 2800 ppm which were elevated above the RG. None of the other samples contained concentrations of target analytes above the RG or 2L Standards (*20). Soils represented by these samples were excavated and properly disposed.

- **Post-excavation Confirmatory Soil Samples L11-1, L11B, L12, L13, L14, and L15** -- Laboratory analysis of six soil samples collected on June 25, 2008 detected no concentrations which were elevated above the RG or 2L Standards (*20) confirming that soils represented by samples listed above were removed.

6.3 Quality Control Procedures

Quality Assurance/Quality Control (QA/QC) samples were collected to ensure the precision, accuracy, comparability and completeness of the data. Two types of QA/QC samples were processed during implementation of this RI: trip blank and field duplicate. The field duplicate was collected in the field during soil sample collection and the trip blank was provided by ESC.

6.3.1 Trip Blank

Trip blanks are sealed samples that originate from analyte-free water taken from the laboratory to the sampling site and returned to the laboratory with the VOC samples. At least one trip blank accompanied each cooler which contained samples that were submitted for VOC analysis. The trip blanks are used to assess the QA/QC of sample preservation, packing, shipping and storage.

Two trip blanks were analyzed by ESC for VOCs by EPA Method 8260-B. These trip blanks accompanied laboratory samples detailed in two separate ESC reports (L342109 and L345858). Both trip blanks analyzed were BDL for the analytes tested.

6.3.2 Field Duplicate

At each AOC location, one duplicate soil sample was also submitted for laboratory analysis. The duplicate sample was designed to be identical to the original sample and was submitted to gain precision information on homogeneity, handling, shipping, storage and preparation and analysis. Duplicate sampling was used to identify possible field variations. A summary of this information is provided in Appendix B and Appendix C; Table 3.

7.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the laboratory analytical results of the soil samples collected during this assessment, ECS concludes the following:

- As requested by representatives of KB Home, ECS personnel submitted a Phase II Remedial Investigation Work Plan Amendment to the IHSB to conduct sampling activities at the site to assess potential environmental impacts.

- Laboratory analysis of seven soil samples collected from locations at AOC 21 detected levels of VOCs which fell below both their respective RG and 2L Standards.

- Approximately 3.5 tons of suspect soils were excavated from AOC 22 and transported to Upper Piedmont Environmental Landfill located in Rougemont, NC. Confirmatory soil samples collected in the excavation sidewalls and floor detected levels of VOCs which fell below both their respective RG and 2L Standards.

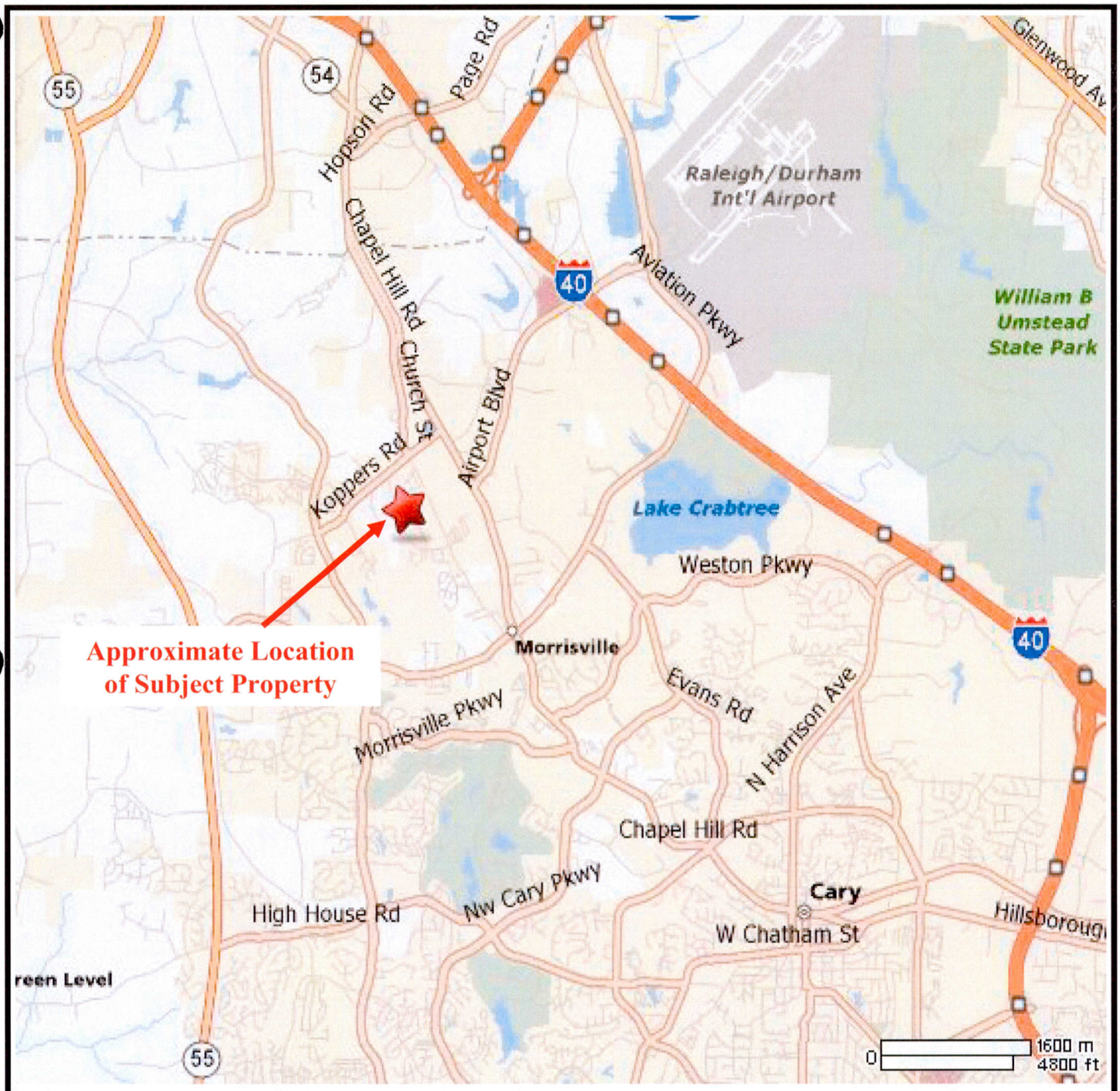
Based on the levels of target analytes detected in the confirmatory sampling, ECS recommends that no additional assessment be performed at AOC 21 or AOC 22. Additionally, it is the ECS environmental professional's opinion that no additional removal or remediation is necessary.

8.0 QUALIFICATIONS OF REPORT

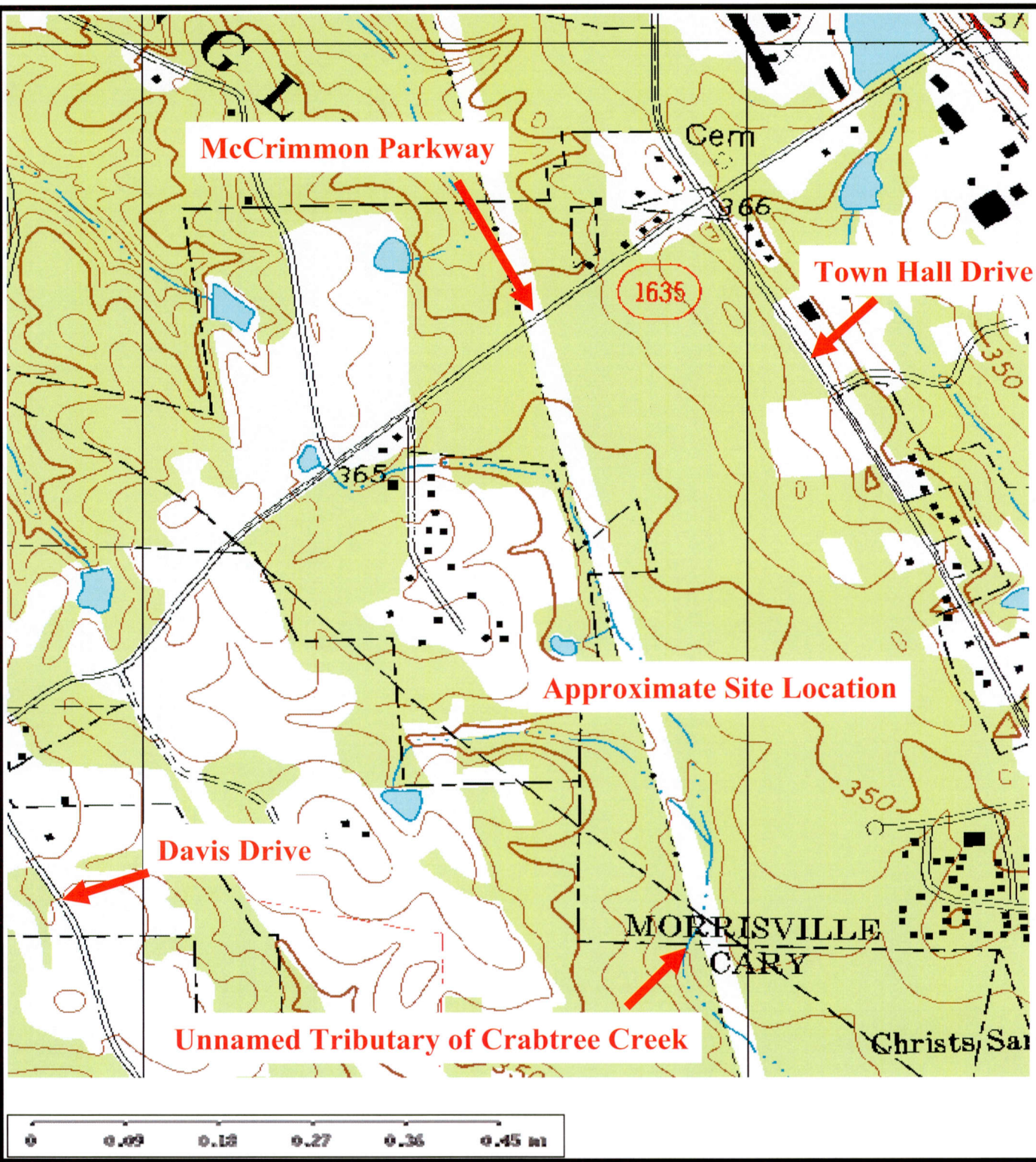
The activities and evaluative approaches used in this assessment are consistent with those normally employed in soil assessment projects of this type. Our evaluation of site conditions has been based on our understanding of the site project information and the data obtained during our field activities. This report was prepared for the expressed use of KB Home Raleigh-Durham Inc. Use of this report by any other individual or company implies their acceptance of the General Conditions of Service of the original contract.

APPENDIX A

FIGURES



ECS LLP CAROLINAS	N W E S Scale as Illustrated	**Vicinity Map** 2007 Google Maps	**Figure No.** 1
		Additional Remedial Investigation AOC 21 & AOC 22 Twin Lakes Subdivision Morrisville, Wake County, North Carolina	**ECS Project #** 15416-I

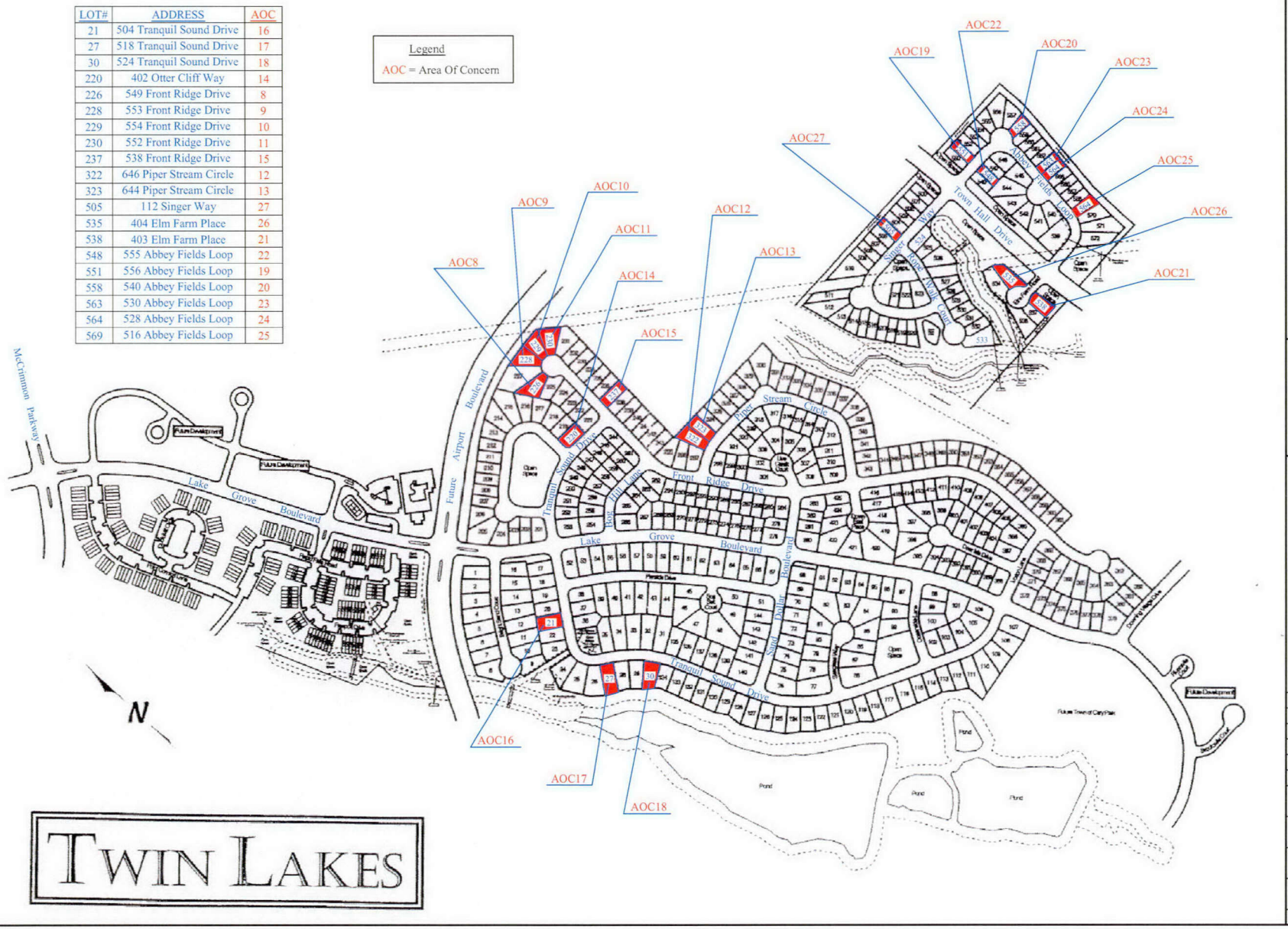


ECS LLP CAROLINAS	N W E S Scale: As Illustrated	**Topographic Map** 1984 Topozone Cary, North Carolina Quadrangle	**Figure No.** 2
		Additional Remedial Investigation AOC 21 & AOC 22 Twin Lakes Subdivision Morrisville, Wake County, North Carolina	**ECS Project #** 15416-I

LOT#	ADDRESS	AOC
21	504 Tranquil Sound Drive	16
27	518 Tranquil Sound Drive	17
30	524 Tranquil Sound Drive	18
220	402 Otter Cliff Way	14
226	549 Front Ridge Drive	8
228	553 Front Ridge Drive	9
229	554 Front Ridge Drive	10
230	552 Front Ridge Drive	11
237	538 Front Ridge Drive	15
322	646 Piper Stream Circle	12
323	644 Piper Stream Circle	13
505	112 Singer Way	27
535	404 Elm Farm Place	26
538	403 Elm Farm Place	21
548	555 Abbey Fields Loop	22
551	556 Abbey Fields Loop	19
558	540 Abbey Fields Loop	20
563	530 Abbey Fields Loop	23
564	528 Abbey Fields Loop	24
569	516 Abbey Fields Loop	25

Legend

AOC = Area Of Concern



TWIN LAKES

Areas of Concern
Twin Lakes Subdivision (TLS)
Morrisville, Wake County, North Carolina

ECS LLP CAROLINAS

Phase II Remedial Investigation
KB Home, Raleigh-Durham Inc.

ECS REVISIONS

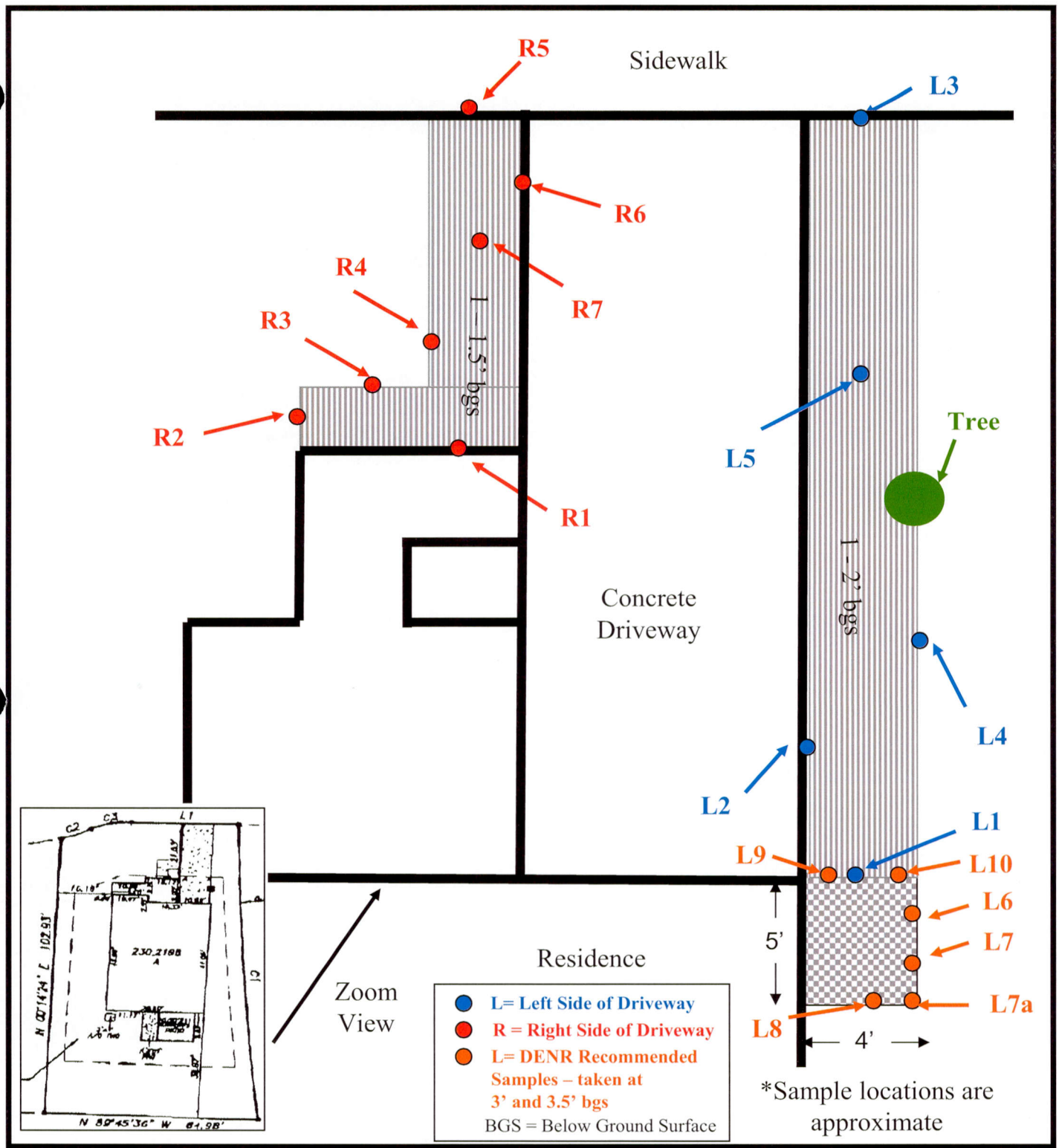
ENGINEER	DRAFTING
RJC	DAH

SCALE ~1"=400'

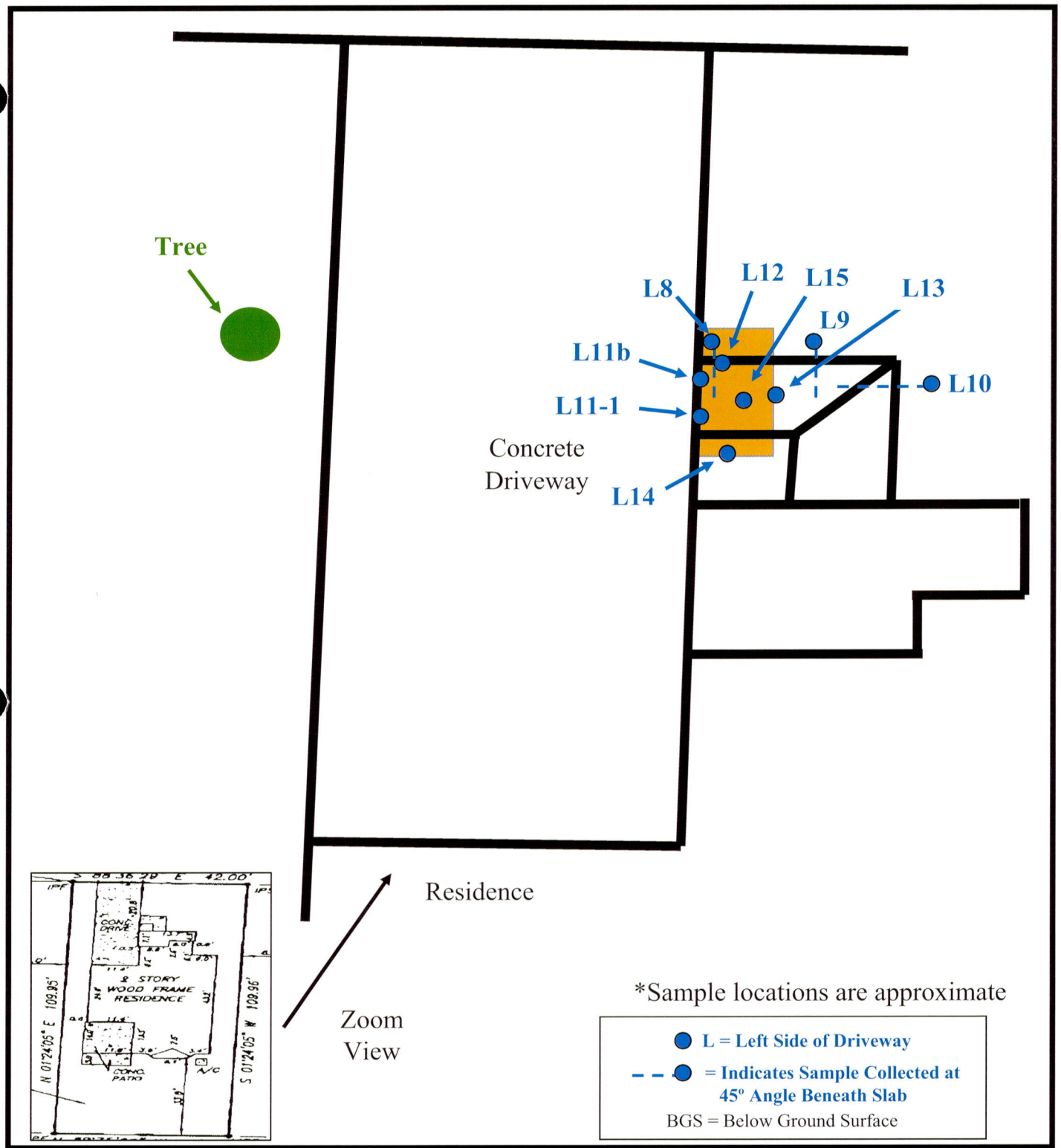
PROJECT NO. 06:15416-G

SHEET Figure 3

DATE 01-28-08



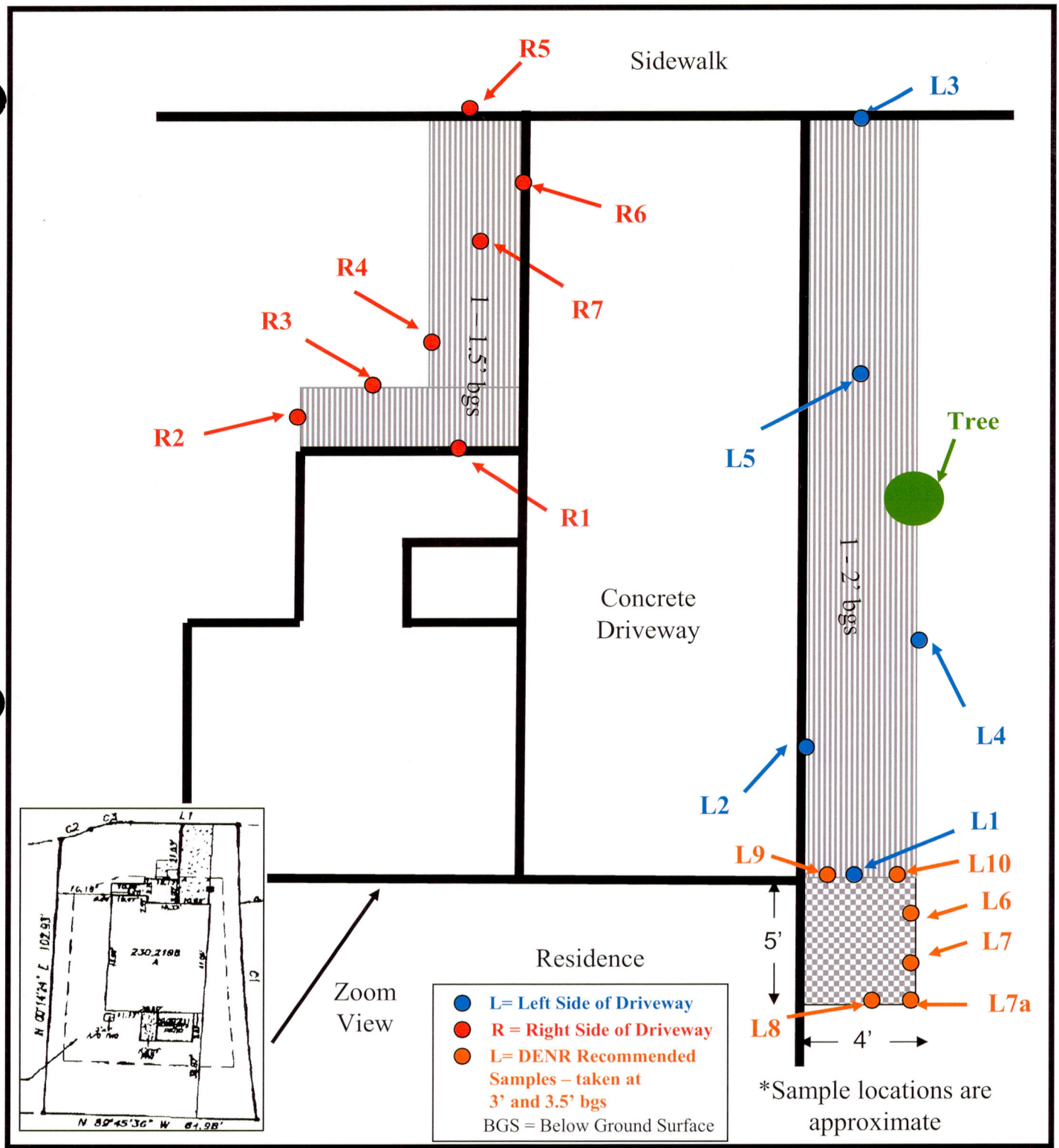
ECS LLP CAROLINAS	N W E S Not to Scale	**Site Survey Plat (Provided by KB Home) with AOC Locations**	**Figure No.** 4
		Additional Remedial Investigation 403 Elm Farm Place, Lot 538, AOC 21 Morrisville, Wake County, North Carolina	**ECS Project #** 15416-I



ECS LLP CAROLINAS	N W E S Not to Scale	**Site Survey Plat (Provided by KB Home) with AOC Locations**	**Figure No.** 5
		Additional Remedial Investigation 555 Abbey Fields Loop, Lot 548, AOC 22 Morrisville, Wake County, North Carolina	**ECS Project #** 15416-I

APPENDIX B

AOC 21 TABLES



ECS LLP CAROLINAS	N W E S Not to Scale	**Site Survey Plat (Provided by KB Home) with AOC Locations**	**Figure No.** 4
		Additional Remedial Investigation 403 Elm Farm Place, Lot 538, AOC 21 Morrisville, Wake County, North Carolina	**ECS Project #** 15416-I

TABLE 2
SUMMARY OF SOIL ANALYTICAL RESULTS

Date: August 9, 2008
Project Name: Additional Remedial Investigation
ECS Job Number: 06.15416-I

Analytical Method					8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B
			Contaminant of Concern																					
Sample ID	Lot No.	Date Stripped	Date Collected	Approximate Sample Depth (ft)	Acetone	Benzene	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	2-Butanone (Methyl Ethyl Ketone)	Napthalene	n-Propylbenzene	Tetrachloroethene	Trichloroethene	Toluene	1,1,2-Trichloro-1,2,2-trifluoro	1,2,3-Trichloropropan	1,2,4-Trimethylbenze	1,3,5-Trimethylbenze	Vinyl Chloride	Xylene
AOC 21 L6	538	Feb-07	04/22/2008	2	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
AOC 21 L7a				1	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
AOC 21 L8				1	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
AOC 21 L9				1	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
AOC21-L9a			05/15/2008	3	BDL	BDL	BDL	BDL	BDL	0.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.8
AOC21-L9b				3.5	BDL	BDL	BDL	BDL	BDL	0.0023	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.0035
AOC21-L10a				3	0.068	BDL	BDL	BDL	BDL	0.031	3.8	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.0087	BDL	BDL	BDL	0.16
AOC21-L10b				3.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.4	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
AOC21-L11				3.5	0.065	BDL	BDL	BDL	BDL	0.0023	BDL	0.31	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.012
Inactive Hazardous Sites Branch Soil Remediation Goals (RGs)					2800	0.64	NE	NE	NE	380	NE	NE	NE	NE	NE	0.48	0.053	132	NE	0.034	NE	NE	0.079	54
NCAC 2L Groundwater Standards (converted to mg/L)[1]					0.7	0.001	0.07	0.07	0.07	0.55	0.07	NE	4.2	0.021	0.07	7E-04	0.003	1	NE	NE	0.35	0.35	0.015	0.53
Groundwater Standards (times 20)[2]					14	0.02	1.4	1.4	1.4	11	1.4	NE	84	0.42	1.4	0.014	0.056	20	NE	NE	7	7	0.3	10.6

Bold indicates results above the Soil Remediation Goals

ppm = parts per million
BDL = Below Quantitation Limit
R = Right side of Driveway
L = Left side of Driveway
S = Devils Strip near Sidewalk
NA = Not Analyzed
NE= Not Established, therefore a detection is considered an exceedance
Sample results and regulatory limits are presented in parts per million (ppm)
[1] The Groundwater Standards promulgated in 15A NCAC 2L are typically presented in micrograms per liter (ug/L). The Groundwater Standards have been converted into milligrams/liter (mg/L) for comparison.
[2] As a comparison against Exception 2 listed in Section 4.1.1.2 of the IHSP Guidelines for Assessment and Cleanup, August 2007, the Groundwater Standards values have been converted to mg/L, and multiplied 20 times.

Naphthalene soil Remediation goal = 11.2 ppm
MEK " " " = 4400 ppm

TABLE 1
SUMMARY OF FIELD PID READINGS

Date: August 9, 2008
Project Name: Additional Remediation Investigation
ECS Job Number: 06.15416-I

AOC	Sample ID	Sample Depth (ft)	PID (ppm)*
21	L6	0.5	0.8
		1	0.9
		2	1.3
	L7	0.5	1.7
	L7a	0.5	1.7
		1	1.8
		2	1.8
	L8	0.5	0.9
		1	1.5
		2	1
	L9**	1	1
	L9a	3	5.6
	L9b	3.5	1.6
	L10a	3	6.7
	L10b	3.5	65.9
	L11**	n/a	n/a

*Volatile Organic Compounds (VOC) screened in the field using a Foxboro Model 1000B toxic vapor analyzer (TVA). VOC concentrations listed above are not laboratory confirmed and should only be used as a guide and not as the true concentrations of VOCs in the soils collected from the represented sample.
**L9 was blind duplicate of AOC 21 L8
**L11 was blind duplicate of AOC 21 L10b

TABLE 3
SUMMARY OF BILIND DUPLICATE SAMPLE RESULTS

Date: August 9, 2008
Project Name: Additional Remedial Investigation
ECS Job Number: 06.15416-I

Analytical Method				8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B
		Contaminant of Concern																					
Sample ID	Lot No.	Date Collected	Approximate Sample Depth (ft)	Acetone	Benzene	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	2-Butanone (Methyl Ethyl Ketone)	Napthalene	n-Propylbenzene	Tetrachloroethene	Trichloroethene	Toluene	1,1,2-Trichloro-1,2,2-trifluoro	1,2,3-Trichloroprope	1,2,4-Trimethylbenz	1,3,5-Trimethylbenz	Vinyl Chloride	Xylene
AOC 21 L9	538	04/22/2008	1	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
AOC21 L11	538	05/15/2008	3.5	0.065	BDL	BDL	BDL	BDL	0 0023	BDL	0.31	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.012
Inactive Hazardous Sites Branch Soil Remediation Goals (RGs)				2800	0.64	NE	NE	NE	380	NE	NE	NE	NE	NE	0.48	0.053	132	NE	0.034	NE	NE	0.079	54
NCAC 2L Groundwater Standards (converted to mg/L)[1]				0.7	0.001	0.07	0.07	0.07	0.55	0.07	NE	4.2	0.021	0.07	0.0007	0.0028	1	NE	NE	0.35	0.35	0.015	0.53
Groundwater Standards (times 20)[2]				14	0.02	1.4	1.4	1.4	11	1.4	NE	84	0.42	1.4	0.014	0.056	20	NE	NE	7	7	0.3	10.6

ppm = parts per million
BDL = Below Quantitation Limit
NA = Not Analyzed
NE= Not Established, therefore a detection is considered an exceedance
Sample results and regulatory limits are presented in parts per million (ppm)
[1] The Groundwater Standards promulgated in 15A NCAC 2L are typically presented in micrograms per liter (ug/L). The Groundwater Standards have been converted into milligrams/liter (mg/L) for comparison.
[2] As a comparison against Exception 2 listed in Section 4.1.1.2 of the IHSP Guidelines for Assessment and Cleanup, August 2007, the Groundwater Standards values have been converted to mg/L, and multiplied 20 times.

Date: August 9, [illegible]8
Project Name: Additional Remedial Investigation
ECS Job Number: 06.15416-I

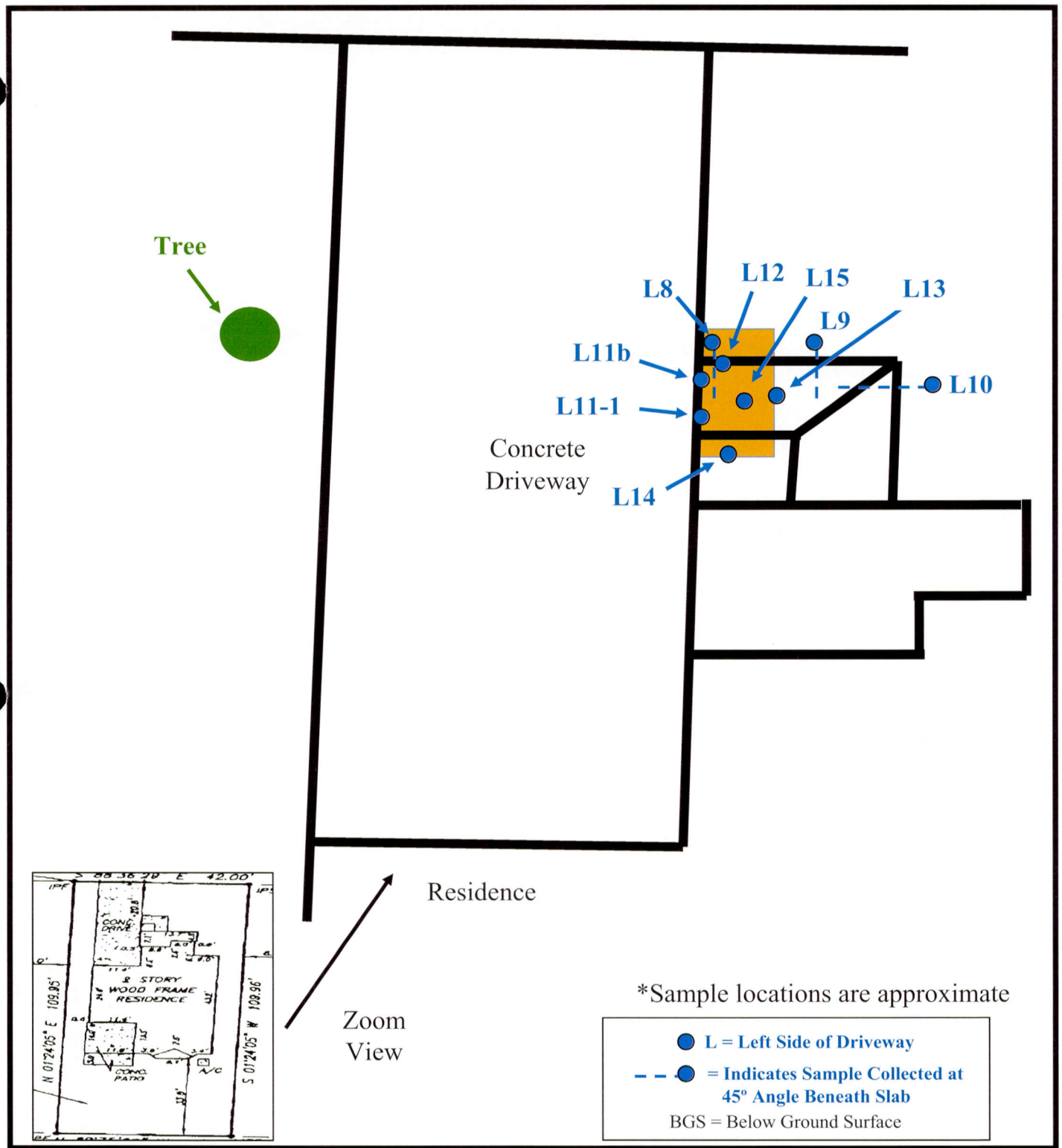
TABLE 4
SUMMARY OF TRIP BLANK RESULTS

Analytical Method		8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B
ESC Report	Date Report Generated	Acetone	Benzene	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	2-Butanone (Methyl Ethyl Ketone)	Napthalene	n-Propylbenzene	Toluene	1,1,2-Trichloro-1,2,2-trifluoro	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylene
L342109	04/24/2008	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
L345858	05/21/2008	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Inactive Hazardous Sites Branch Soil Remediation Goals (RGs)		2800	0.64	NE	NE	NE	380	NE	NE	NE	NE	NE	132	NE	0.034	NE	NE	54
NCAC 2L Groundwater Standards (converted to mg/L)[1]		0.7	0.001	0.07	0.07	0.07	0.55	0.07	NE	4.2	0.021	0.07	1	NE	NE	0.35	0.35	0.53
Groundwater Standards (times 20)[2]		14	0.02	1.4	1.4	1.4	11	1.4	NE	84	0.42	1.4	20	NE	NE	7	7	10.6

ppm = parts per million
BDL = Below Quantitation Limit
NA = Not Analyzed
NE= Not Established, therefore a detection is considered an exceedance
Sample results and regulatory limits are presented in parts per million (ppm)
[1] The Groundwater Standards promulgated in 15A NCAC 2L are typically presented in micrograms per liter (ug/L). The Groundwater Standards have been converted into milligrams/liter (mg/L) for comparison.
[2] As a comparison against Exception 2 listed in Section 4.1.1.2 of the IHSP Guidelines for Assessment and Cleanup, August 2007, the Groundwater Standards values have been converted to mg/L, and multiplied 20 times.

APPENDIX C

AOC 22 TABLES



ECS LLP CAROLINAS	N W E S Not to Scale	**Site Survey Plat (Provided by KB Home) with AOC Locations**	**Figure No.** 5
		Additional Remedial Investigation 555 Abbey Fields Loop, Lot 548, AOC 22 Morrisville, Wake County, North Carolina	**ECS Project #** 15416-I

TABLE 1
SUMMARY OF FIELD PID READINGS

Date: August 9, 2008
Project Name: Additional Remedial Investigation
ECS Job Number: 06.15416-I

AOC	Sample ID	Sample Depth (ft)	PID (ppm)*
22	L8a	1.5	1761
	L8b	3.5	221
	L9a	1.5	2.1
	L9b	3.5	19
	L10a	1.5	0
	L10b	3.5	0
	L11a*	1.5	0
	L11	3.5	7.6
	L11b	3.5	3.9
	L12	3.5	0
	L13	3.5	9.9
	L14	3.5	0.5
	L15	3.5	20.7

*Volatile Organic Compounds (VOC) screened in the field using a Foxboro Model 1000B toxic vapor analyz
VOC concentrations listed above are not laboratory confirmed and should only be used as a guide
and not as the true concentrations of VOCs in the soils collected from the represented sample.
**L11a was blind duplicate of AOC 22 L10a

TABLE 2
SUMMARY OF SOIL ANALYTICAL RESULTS

Date: August 9, 2008
Project Name: Additional Remedial Investigation
ECS Job Number: 06.15416-I

Analytical Method					8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B
			Contaminant of Concern																						
Sample ID	Lot No.	Date Stripped	Date Collected	Approximate Sample Depth (ft)	Acetone	Benzene	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	2-Butanone (Methyl Ethyl Ketone)	Napthalene	n-Propylbenzene	Tetrachloroethene	Trichloroethene	Toluene	1,1,2-Trichloro-1,2,2-trifluoro	1,2,3-Tricilloropropan	1,2,4-Trimethylbenze	1,3,5-Trimethylbenze	Vinyl Chloride	Xylene
AOC22L8a	548	Feb-07	06/06/2008	1.5	BDL	BDL	BDL	BDL	BDL	**930**	**8.2**	BDL	BDL	BDL	**6.1**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**2800**
AOC22L8b				3.5	.98	BDL	BDL	BDL	BDL	0.42	BDL	BDL	0.22	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.4
AOC22L9a				1.5	BDL	BDL	BDL	BDL	BDL	.30	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.6
AOC22L9b				3.5	.67	BDL	BDL	BDL	BDL	3.7	0.0086	BDL	0.059	BDL	0.0042	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	18
AOC22L10a				1.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**0.0046**	BDL	BDL	BDL	BDL	BDL
AOC22L10b				3 5	BDL	BDL	BDL	BDL	BDL	0.057	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	.46
AOC22L11a				1.5	BDL	BDL	BDL	BDL	BDL	.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.12
AOC22L11i			06/25/2008	3 5	BDL	BDL	BDL	BDL	BDL	0.013	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.16
AOC22L11b				3.5	BDL	BDL	BDL	BDL	BDL	0.0081	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.11
AOC22L12				3.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0 0059
AOC22L13				3.5	BDL	BDL	BDL	BDL	BDL	0 0055	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0 096
AOC22L14				3.5	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0 0098
AOC22L15				3.5	BDL	BDL	BDL	BDL	BDL	0.022	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.16
Inactive Hazardous Sites Branch Soil Remediation Goals (RGs)					2800	0.64	NE	NE	NE	380	NE	NE	NE	NE	NE	0.48	0.053	132	NE	0.034	NE	NE	0.079	54
NCAC 2L Groundwater Standards (converted to mg/L)[1]					0.7	0.001	0.07	0.07	0.07	0.55	0.07	NE	4.2	0.021	0.07	7E04	0.003	1	NE	NE	0.35	0.35	0.015	0.53
Groundwater Standards (times 20)[2]					14	0.02	1.4	1.4	1.4	11	1.4	NE	84	0.42	1.4	0.014	0.056	20	NE	NE	7	7	0.3	10.6

Bold indicates results above the Soil Remediation Goals

ppm = parts per million
BDL = Below Quantitation Limit
NA = Not Analyzed

Sample results and regulatory limits are presented in parts per million (ppm)

[1] The Groundwater Standards promulgated in 15A NCAC 2L are typically presented in micrograms per liter (ug/L). The Groundwater Standards have been converted into milligrams/liter (mg/L) for comparison.

[2] As a comparison against Exception 2 listed in Section 4.1.1.2 of the IHSP Guidelines for Assessment and Cleanup, August 2007, the Groundwater Standards values have been converted to mg/L, and multiplied 20 times.

TABLE 3
SUMMARY OF BILIND DUPLICATE SAMPLE RESULTS

Date: August 9, 2008
Project Name: Additional Remedial Investigation
ECS Job Number: 06.15416-I

Analytical Method				8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B
		Contaminant of Concern		Acetone	Benzene	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	2-Butanone (Methyl Ethyl Ketone)	Napthalene	n-Propylbenzene	Tetrachloroethene	Trichloroethane	Toluene	1,1,2-Trichloro-1,2,2-trifluoro	1,2,3-Trichloroprop	1,2,4-Trimethylbenz	1,3,5-Trimethylbenz	Vinyl Chloride	Xylene
Sample ID	Lot No.	Date Collected	Approximate Sample Depth (ft)																				
AOC22 L11a	548	06/06/2008	1 5	BDL	BDL	BDL	BDL	BDL	.02	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.12
Inactive Hazardous Sites Branch Soil Remediation Goals (RGs)				2800	0.64	NE	NE	NE	380	NE	NE	NE	NE	NE	0.48	0.053	132	NE	0.034	NE	NE	0.079	54
NCAC 2L Groundwater Standards (converted to mg/L)[1]				0.7	0.001	0.07	0.07	0.07	0.55	0.07	NE	4.2	0.021	0.07	0.0007	0.0028	1	NE	NE	0.35	0.35	0.015	0.53
Groundwater Standards (times 20)[2]				14	0.02	1.4	1.4	1.4	11	1.4	NE	84	0.42	1.4	0.014	0.056	20	NE	NE	7	7	0.3	10.6

ppm = parts per million
BDL = Below Quantitation Limit
NA = Not Analyzed
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[1] The Groundwater Standards promulgated in 15A NCAC 2L are typically presented in micrograms per liter (ug/L). The Groundwater Standards have been converted into milligrams/liter (mg/L) for comparison.
[2] As a comparison against Exception 2 listed in Section 4.1.1.2 of the IHSP Guidelines for Assessment and Cleanup, August 2007, the Groundwater Standards values have been converted to mg/L, and multiplied 20 times.

Date: August 9, [illegible]
Project Name: Additional Remedial Investigation
ECS Job Number: 06.15416-I

TABLE 4
SUMMARY OF TRIP BLANK RESULTS

Analytical Method		8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B
ESC Report	Date Report Generated	Acetone	Benzene	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	2-Butanone (Methyl Ethyl Ketone)	Napthalene	n-Propylbenzene	Toluene	1,1,2-Trichloro-1,2,2-trifluoro	1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylene
L349183	06/07/2008	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Inactive Hazardous Sites Branch Soil Remediation Goals (RGs)		2800	0.64	NE	NE	NE	380	NE	NE	NE	NE	NE	132	NE	0.034	NE	NE	54
NCAC 2L Groundwater Standards (converted to mg/L)[1]		0.7	0.001	0.07	0.07	0.07	0.55	0.07	NE	4.2	0.021	0.07	1	NE	NE	0.35	0.35	0.53
Groundwater Standards (times 20)[2]		14	0.02	1.4	1.4	1.4	11	1.4	NE	84	0.42	1.4	20	NE	NE	7	7	10.6

ppm = parts per million
BDL = Below Quantitation Limit
NA = Not Analyzed
NE= Not Established, therefore a detection is considered an exceedance
Sample results and regulatory limits are presented in parts per million (ppm)
[1] The Groundwater Standards promulgated in 15A NCAC 2L are typically presented in micrograms per liter (ug/L). The Groundwater Standards have been converted into milligrams/liter (mg/L) for comparison.
[2] As a comparison against Exception 2 listed in Section 4.1.1.2 of the IHSP Guidelines for Assessment and Cleanup, August 2007, the Groundwater Standards values have been converted to mg/L, and multiplied 20 times.

APPENDIX D

AOC 21 LABORATORY ANALYTICAL REPORT(S)

ENVIRONMENTAL
SCIENCE CORP.

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

Tax I.D. 62-0814289

Est. 1970

Christina Breen
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave

Raleigh, NC 27617-7505

Report Summary

Thursday April 24, 2008

Report Number: L342109
Samples Received: 04/23/08
Client Project: 15416-I

Description: Twin Lakes DENR Recommendations

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: Terrie Fudge, ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 09227, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140
NJ - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910

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Est. 1970

REPORT OF ANALYSIS

Christina Breen
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

April 24,2008

ESC Sample # : L342109-01

Site ID :

Project # : 15416-I

Date Received : April 23, 2008
Description : Twin Lakes DENR Recommendations

Sample ID : AOC 21 L6 2 FT

Collected By : CMB / SMB
Collection Date : 04/22/08 09:27

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	81.2		%	2540G	04/24/08	1
Volatile Organics						
Acetone	BDL	0.064	mg/kg	8260B	04/24/08	1.04
Acrylonitrile	BDL	0.013	mg/kg	8260B	04/24/08	1.04
Benzene	BDL	0.0013	mg/kg	8260B	04/24/08	1.04
Bromobenzene	BDL	0.0013	mg/kg	8260B	04/24/08	1.04
Bromodichloromethane	BDL	0.0013	mg/kg	8260B	04/24/08	1.04
Bromoform	BDL	0.0013	mg/kg	8260B	04/24/08	1.04
Bromomethane	BDL	0.0064	mg/kg	8260B	04/24/08	1.04
n-Butylbenzene	BDL	0.0013	mg/kg	8260B	04/24/08	1.04
sec-Butylbenzene	BDL	0.0013	mg/kg	8260B	04/24/08	1.04
tert-Butylbenzene	BDL	0.0013	mg/kg	8260B	04/24/08	1.04
Carbon tetrachloride	BDL	0.0013	mg/kg	8260B	04/24/08	1.04
Chlorobenzene	BDL	0.0013	mg/kg	8260B	04/24/08	1.04
Chlorodibromomethane	BDL	0.0013	mg/kg	8260B	04/24/08	1.04
Chloroethane	BDL	0.0064	mg/kg	8260B	04/24/08	1.04
2-Chloroethyl vinyl ether	BDL	0.064	mg/kg	8260B	04/24/08	1.04
Chloroform	BDL	0.0064	mg/kg	8260B	04/24/08	1.04
Chloromethane	BDL	0.0013	mg/kg	8260B	04/24/08	1.04
2-Chlorotoluene	BDL	0.0013	mg/kg	8260B	04/24/08	1.04
4-Chlorotoluene	BDL	0.0013	mg/kg	8260B	04/24/08	1.04
1,2-Dibromo-3-Chloropropane	BDL	0.0064	mg/kg	8260B	04/24/08	1.04
1,2-Dibromoethane	BDL	0.0013	mg/kg	8260B	04/24/08	1.04
Dibromomethane	BDL	0.0013	mg/kg	8260B	04/24/08	1.04
1,2-Dichlorobenzene	BDL	0.0013	mg/kg	8260B	04/24/08	1.04
1,3-Dichlorobenzene	BDL	0.0013	mg/kg	8260B	04/24/08	1.04
1,4-Dichlorobenzene	BDL	0.0013	mg/kg	8260B	04/24/08	1.04
Dichlorodifluoromethane	BDL	0.0064	mg/kg	8260B	04/24/08	1.04
1,1-Dichloroethane	BDL	0.0013	mg/kg	8260B	04/24/08	1.04
1,2-Dichloroethane	BDL	0.0013	mg/kg	8260B	04/24/08	1.04
1,1-Dichloroethene	BDL	0.0013	mg/kg	8260B	04/24/08	1.04
cis-1,2-Dichloroethene	BDL	0.0013	mg/kg	8260B	04/24/08	1.04
trans-1,2-Dichloroethene	BDL	0.0013	mg/kg	8260B	04/24/08	1.04
1,2-Dichloropropane	BDL	0.0013	mg/kg	8260B	04/24/08	1.04
1,1-Dichloropropene	BDL	0.0013	mg/kg	8260B	04/24/08	1.04
1,3-Dichloropropane	BDL	0.0013	mg/kg	8260B	04/24/08	1.04
cis-1,3-Dichloropropene	BDL	0.0013	mg/kg	8260B	04/24/08	1.04
trans-1,3-Dichloropropene	BDL	0.0013	mg/kg	8260B	04/24/08	1.04
2,2-Dichloropropane	BDL	0.0013	mg/kg	8260B	04/24/08	1.04
Di-isopropyl ether	BDL	0.0013	mg/kg	8260B	04/24/08	1.04
Ethylbenzene	BDL	0.0013	mg/kg	8260B	04/24/08	1.04
Hexachlorobutadiene	BDL	0.0013	mg/kg	8260B	04/24/08	1.04
Isopropylbenzene	BDL	0.0013	mg/kg	8260B	04/24/08	1.04

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Est. 1970

REPORT OF ANALYSIS

Christina Breen
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

April 24,2008

ESC Sample # : L342109-01

Site ID :

Project # : 15416-I

Date Received : April 23, 2008
Description : Twin Lakes DENR Recommendations

Sample ID : AOC 21 L6 2 FT

Collected By : CMB / SMB
Collection Date : 04/22/08 09:27

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0013	mg/kg	8260B	04/24/08	1.04
2-Butanone (MEK)	BDL	0.013	mg/kg	8260B	04/24/08	1.04
Methylene Chloride	BDL	0.0064	mg/kg	8260B	04/24/08	1.04
4-Methyl-2-pentanone (MIBK)	BDL	0.013	mg/kg	8260B	04/24/08	1.04
Methyl tert-butyl ether	BDL	0.0013	mg/kg	8260B	04/24/08	1.04
Naphthalene	BDL	0.0064	mg/kg	8260B	04/24/08	1.04
n-Propylbenzene	BDL	0.0013	mg/kg	8260B	04/24/08	1.04
Styrene	BDL	0.0013	mg/kg	8260B	04/24/08	1.04
1,1,1,2-Tetrachloroethane	BDL	0.0013	mg/kg	8260B	04/24/08	1.04
1,1,2,2-Tetrachloroethane	BDL	0.0013	mg/kg	8260B	04/24/08	1.04
Tetrachloroethene	BDL	0.0013	mg/kg	8260B	04/24/08	1.04
Toluene	BDL	0.0064	mg/kg	8260B	04/24/08	1.04
1,2,3-Trichlorobenzene	BDL	0.0013	mg/kg	8260B	04/24/08	1.04
1,2,4-Trichlorobenzene	BDL	0.0013	mg/kg	8260B	04/24/08	1.04
1,1,1-Trichloroethane	BDL	0.0013	mg/kg	8260B	04/24/08	1.04
1,1,2-Trichloroethane	BDL	0.0013	mg/kg	8260B	04/24/08	1.04
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0013	mg/kg	8260B	04/24/08	1.04
Trichloroethene	BDL	0.0013	mg/kg	8260B	04/24/08	1.04
Trichlorofluoromethane	BDL	0.0064	mg/kg	8260B	04/24/08	1.04
1,2,3-Trichloropropane	BDL	0.0013	mg/kg	8260B	04/24/08	1.04
1,2,4-Trimethylbenzene	BDL	0.0013	mg/kg	8260B	04/24/08	1.04
1,3,5-Trimethylbenzene	BDL	0.0013	mg/kg	8260B	04/24/08	1.04
Vinyl chloride	BDL	0.0013	mg/kg	8260B	04/24/08	1.04
Xylenes, Total	BDL	0.0038	mg/kg	8260B	04/24/08	1.04
Surrogate Recovery						
Toluene-d8	100.		% Rec.	8260B	04/24/08	1.04
Dibromofluoromethane	96.1		% Rec.	8260B	04/24/08	1.04
4-Bromofluorobenzene	92.5		% Rec.	8260B	04/24/08	1.04

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

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Raleigh, NC 27617-7505

April 24,2008

ESC Sample # : L342109-02

Site ID :

Project # : 15416-I

Date Received : April 23, 2008
Description : Twin Lakes DENR Recommendations

Sample ID : AOC 21 L7A 1 FT

Collected By : CMB / SMB
Collection Date : 04/22/08 09:50

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	91.1		%	2540G	04/24/08	1
Volatile Organics						
Acetone	BDL	0.055	mg/kg	8260B	04/24/08	1
Acrylonitrile	BDL	0.011	mg/kg	8260B	04/24/08	1
Benzene	BDL	0.0011	mg/kg	8260B	04/24/08	1
Bromobenzene	BDL	0.0011	mg/kg	8260B	04/24/08	1
Bromodichloromethane	BDL	0.0011	mg/kg	8260B	04/24/08	1
Bromoform	BDL	0.0011	mg/kg	8260B	04/24/08	1
Bromomethane	BDL	0.0055	mg/kg	8260B	04/24/08	1
n-Butylbenzene	BDL	0.0011	mg/kg	8260B	04/24/08	1
sec-Butylbenzene	BDL	0.0011	mg/kg	8260B	04/24/08	1
tert-Butylbenzene	BDL	0.0011	mg/kg	8260B	04/24/08	1
Carbon tetrachloride	BDL	0.0011	mg/kg	8260B	04/24/08	1
Chlorobenzene	BDL	0.0011	mg/kg	8260B	04/24/08	1
Chlorodibromomethane	BDL	0.0011	mg/kg	8260B	04/24/08	1
Chloroethane	BDL	0.0055	mg/kg	8260B	04/24/08	1
2-Chloroethyl vinyl ether	BDL	0.055	mg/kg	8260B	04/24/08	1
Chloroform	BDL	0.0055	mg/kg	8260B	04/24/08	1
Chloromethane	BDL	0.0011	mg/kg	8260B	04/24/08	1
2-Chlorotoluene	BDL	0.0011	mg/kg	8260B	04/24/08	1
4-Chlorotoluene	BDL	0.0011	mg/kg	8260B	04/24/08	1
1,2-Dibromo-3-Chloropropane	BDL	0.0055	mg/kg	8260B	04/24/08	1
1,2-Dibromoethane	BDL	0.0011	mg/kg	8260B	04/24/08	1
Dibromomethane	BDL	0.0011	mg/kg	8260B	04/24/08	1
1,2-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	04/24/08	1
1,3-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	04/24/08	1
1,4-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	04/24/08	1
Dichlorodifluoromethane	BDL	0.0055	mg/kg	8260B	04/24/08	1
1,1-Dichloroethane	BDL	0.0011	mg/kg	8260B	04/24/08	1
1,2-Dichloroethane	BDL	0.0011	mg/kg	8260B	04/24/08	1
1,1-Dichloroethene	BDL	0.0011	mg/kg	8260B	04/24/08	1
cis-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	04/24/08	1
trans-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	04/24/08	1
1,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	04/24/08	1
1,1-Dichloropropene	BDL	0.0011	mg/kg	8260B	04/24/08	1
1,3-Dichloropropane	BDL	0.0011	mg/kg	8260B	04/24/08	1
cis-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	04/24/08	1
trans-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	04/24/08	1
2,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	04/24/08	1
Di-isopropyl ether	BDL	0.0011	mg/kg	8260B	04/24/08	1
Ethylbenzene	BDL	0.0011	mg/kg	8260B	04/24/08	1
Hexachlorobutadiene	BDL	0.0011	mg/kg	8260B	04/24/08	1
Isopropylbenzene	BDL	0.0011	mg/kg	8260B	04/24/08	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Christina Breen
ECS Carolinas - Raleigh, NC
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April 24,2008

ESC Sample # : L342109-02

Site ID :

Project # : 15416-I

Date Received : April 23, 2008
Description : Twin Lakes DENR Recommendations

Sample ID : AOC 21 L7A 1 FT

Collected By : CMB / SMB
Collection Date : 04/22/08 09:50

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0011	mg/kg	8260B	04/24/08	1
2-Butanone (MEK)	BDL	0.011	mg/kg	8260B	04/24/08	1
Methylene Chloride	BDL	0.0055	mg/kg	8260B	04/24/08	1
4-Methyl-2-pentanone (MIBK)	BDL	0.011	mg/kg	8260B	04/24/08	1
Methyl tert-butyl ether	BDL	0.0011	mg/kg	8260B	04/24/08	1
Naphthalene	BDL	0.0055	mg/kg	8260B	04/24/08	1
n-Propylbenzene	BDL	0.0011	mg/kg	8260B	04/24/08	1
Styrene	BDL	0.0011	mg/kg	8260B	04/24/08	1
1,1,1,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	04/24/08	1
1,1,2,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	04/24/08	1
Tetrachloroethene	BDL	0.0011	mg/kg	8260B	04/24/08	1
Toluene	BDL	0.0055	mg/kg	8260B	04/24/08	1
1,2,3-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	04/24/08	1
1,2,4-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	04/24/08	1
1,1,1-Trichloroethane	BDL	0.0011	mg/kg	8260B	04/24/08	1
1,1,2-Trichloroethane	BDL	0.0011	mg/kg	8260B	04/24/08	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0011	mg/kg	8260B	04/24/08	1
Trichloroethene	BDL	0.0011	mg/kg	8260B	04/24/08	1
Trichlorofluoromethane	BDL	0.0055	mg/kg	8260B	04/24/08	1
1,2,3-Trichloropropane	BDL	0.0011	mg/kg	8260B	04/24/08	1
1,2,4-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	04/24/08	1
1,3,5-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	04/24/08	1
Vinyl chloride	BDL	0.0011	mg/kg	8260B	04/24/08	1
Xylenes, Total	BDL	0.0033	mg/kg	8260B	04/24/08	1
Surrogate Recovery						
Toluene-d8	99.7		% Rec.	8260B	04/24/08	1
Dibromofluoromethane	102.		% Rec.	8260B	04/24/08	1
4-Bromofluorobenzene	94.6		% Rec.	8260B	04/24/08	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

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April 24,2008

ESC Sample # : L342109-03

Site ID :

Project # : 15416-I

Date Received : April 23, 2008
Description : Twin Lakes DENR Recommendations

Sample ID : AOC 21 L8 1 FT

Collected By : CMB / SMB
Collection Date : 04/22/08 10:03

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	89.8		%	2540G	04/24/08	1
Volatile Organics						
Acetone	BDL	0.056	mg/kg	8260B	04/24/08	1
Acrylonitrile	BDL	0.011	mg/kg	8260B	04/24/08	1
Benzene	BDL	0.0011	mg/kg	8260B	04/24/08	1
Bromobenzene	BDL	0.0011	mg/kg	8260B	04/24/08	1
Bromodichloromethane	BDL	0.0011	mg/kg	8260B	04/24/08	1
Bromoform	BDL	0.0011	mg/kg	8260B	04/24/08	1
Bromomethane	BDL	0.0056	mg/kg	8260B	04/24/08	1
n-Butylbenzene	BDL	0.0011	mg/kg	8260B	04/24/08	1
sec-Butylbenzene	BDL	0.0011	mg/kg	8260B	04/24/08	1
tert-Butylbenzene	BDL	0.0011	mg/kg	8260B	04/24/08	1
Carbon tetrachloride	BDL	0.0011	mg/kg	8260B	04/24/08	1
Chlorobenzene	BDL	0.0011	mg/kg	8260B	04/24/08	1
Chlorodibromomethane	BDL	0.0011	mg/kg	8260B	04/24/08	1
Chloroethane	BDL	0.0056	mg/kg	8260B	04/24/08	1
2-Chloroethyl vinyl ether	BDL	0.056	mg/kg	8260B	04/24/08	1
Chloroform	BDL	0.0056	mg/kg	8260B	04/24/08	1
Chloromethane	BDL	0.0011	mg/kg	8260B	04/24/08	1
2-Chlorotoluene	BDL	0.0011	mg/kg	8260B	04/24/08	1
4-Chlorotoluene	BDL	0.0011	mg/kg	8260B	04/24/08	1
1,2-Dibromo-3-Chloropropane	BDL	0.0056	mg/kg	8260B	04/24/08	1
1,2-Dibromoethane	BDL	0.0011	mg/kg	8260B	04/24/08	1
Dibromomethane	BDL	0.0011	mg/kg	8260B	04/24/08	1
1,2-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	04/24/08	1
1,3-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	04/24/08	1
1,4-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	04/24/08	1
Dichlorodifluoromethane	BDL	0.0056	mg/kg	8260B	04/24/08	1
1,1-Dichloroethane	BDL	0.0011	mg/kg	8260B	04/24/08	1
1,2-Dichloroethane	BDL	0.0011	mg/kg	8260B	04/24/08	1
1,1-Dichloroethene	BDL	0.0011	mg/kg	8260B	04/24/08	1
cis-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	04/24/08	1
trans-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	04/24/08	1
1,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	04/24/08	1
1,1-Dichloropropene	BDL	0.0011	mg/kg	8260B	04/24/08	1
1,3-Dichloropropane	BDL	0.0011	mg/kg	8260B	04/24/08	1
cis-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	04/24/08	1
trans-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	04/24/08	1
2,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	04/24/08	1
Di-isopropyl ether	BDL	0.0011	mg/kg	8260B	04/24/08	1
Ethylbenzene	BDL	0.0011	mg/kg	8260B	04/24/08	1
Hexachlorobutadiene	BDL	0.0011	mg/kg	8260B	04/24/08	1
Isopropylbenzene	BDL	0.0011	mg/kg	8260B	04/24/08	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

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9001 Glenwood Ave
Raleigh, NC 27617-7505

April 24,2008

ESC Sample # : L342109-03

Date Received : April 23, 2008
Description : Twin Lakes DENR Recommendations

Site ID :

Sample ID : AOC 21 L8 1 FT

Project # : 15416-I

Collected By : CMB / SMB
Collection Date : 04/22/08 10:03

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0011	mg/kg	8260B	04/24/08	1
2-Butanone (MEK)	BDL	0.011	mg/kg	8260B	04/24/08	1
Methylene Chloride	BDL	0.0056	mg/kg	8260B	04/24/08	1
4-Methyl-2-pentanone (MIBK)	BDL	0.011	mg/kg	8260B	04/24/08	1
Methyl tert-butyl ether	BDL	0.0011	mg/kg	8260B	04/24/08	1
Naphthalene	BDL	0.0056	mg/kg	8260B	04/24/08	1
n-Propylbenzene	BDL	0.0011	mg/kg	8260B	04/24/08	1
Styrene	BDL	0.0011	mg/kg	8260B	04/24/08	1
1,1,1,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	04/24/08	1
1,1,2,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	04/24/08	1
Tetrachloroethene	BDL	0.0011	mg/kg	8260B	04/24/08	1
Toluene	BDL	0.0056	mg/kg	8260B	04/24/08	1
1,2,3-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	04/24/08	1
1,2,4-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	04/24/08	1
1,1,1-Trichloroethane	BDL	0.0011	mg/kg	8260B	04/24/08	1
1,1,2-Trichloroethane	BDL	0.0011	mg/kg	8260B	04/24/08	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0011	mg/kg	8260B	04/24/08	1
Trichloroethene	BDL	0.0011	mg/kg	8260B	04/24/08	1
Trichlorofluoromethane	BDL	0.0056	mg/kg	8260B	04/24/08	1
1,2,3-Trichloropropane	BDL	0.0011	mg/kg	8260B	04/24/08	1
1,2,4-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	04/24/08	1
1,3,5-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	04/24/08	1
Vinyl chloride	BDL	0.0011	mg/kg	8260B	04/24/08	1
Xylenes, Total	BDL	0.0033	mg/kg	8260B	04/24/08	1
Surrogate Recovery						
Toluene-d8	102.		% Rec.	8260B	04/24/08	1
Dibromofluoromethane	102.		% Rec.	8260B	04/24/08	1
4-Bromofluorobenzene	97.1		% Rec.	8260B	04/24/08	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Est. 1970

REPORT OF ANALYSIS

Christina Breen
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

April 24,2008

ESC Sample # : L342109-04

Site ID :

Project # : 15416-I

Date Received : April 23, 2008
Description : Twin Lakes DENR Recommendations

Sample ID : AOC 21 L9 1 FT

Collected By : CMB / SMB
Collection Date : 04/22/08 10:15

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	91.2		%	2540G	04/24/08	1
Volatile Organics						
Acetone	BDL	0.055	mg/kg	8260B	04/24/08	1
Acrylonitrile	BDL	0.011	mg/kg	8260B	04/24/08	1
Benzene	BDL	0.0011	mg/kg	8260B	04/24/08	1
Bromobenzene	BDL	0.0011	mg/kg	8260B	04/24/08	1
Bromodichloromethane	BDL	0.0011	mg/kg	8260B	04/24/08	1
Bromoform	BDL	0.0011	mg/kg	8260B	04/24/08	1
Bromomethane	BDL	0.0055	mg/kg	8260B	04/24/08	1
n-Butylbenzene	BDL	0.0011	mg/kg	8260B	04/24/08	1
sec-Butylbenzene	BDL	0.0011	mg/kg	8260B	04/24/08	1
tert-Butylbenzene	BDL	0.0011	mg/kg	8260B	04/24/08	1
Carbon tetrachloride	BDL	0.0011	mg/kg	8260B	04/24/08	1
Chlorobenzene	BDL	0.0011	mg/kg	8260B	04/24/08	1
Chlorodibromomethane	BDL	0.0011	mg/kg	8260B	04/24/08	1
Chloroethane	BDL	0.0055	mg/kg	8260B	04/24/08	1
2-Chloroethyl vinyl ether	BDL	0.055	mg/kg	8260B	04/24/08	1
Chloroform	BDL	0.0055	mg/kg	8260B	04/24/08	1
Chloromethane	BDL	0.0011	mg/kg	8260B	04/24/08	1
2-Chlorotoluene	BDL	0.0011	mg/kg	8260B	04/24/08	1
4-Chlorotoluene	BDL	0.0011	mg/kg	8260B	04/24/08	1
1,2-Dibromo-3-Chloropropane	BDL	0.0055	mg/kg	8260B	04/24/08	1
1,2-Dibromoethane	BDL	0.0011	mg/kg	8260B	04/24/08	1
Dibromomethane	BDL	0.0011	mg/kg	8260B	04/24/08	1
1,2-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	04/24/08	1
1,3-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	04/24/08	1
1,4-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	04/24/08	1
Dichlorodifluoromethane	BDL	0.0055	mg/kg	8260B	04/24/08	1
1,1-Dichloroethane	BDL	0.0011	mg/kg	8260B	04/24/08	1
1,2-Dichloroethane	BDL	0.0011	mg/kg	8260B	04/24/08	1
1,1-Dichloroethene	BDL	0.0011	mg/kg	8260B	04/24/08	1
cis-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	04/24/08	1
trans-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	04/24/08	1
1,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	04/24/08	1
1,1-Dichloropropene	BDL	0.0011	mg/kg	8260B	04/24/08	1
1,3-Dichloropropane	BDL	0.0011	mg/kg	8260B	04/24/08	1
cis-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	04/24/08	1
trans-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	04/24/08	1
2,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	04/24/08	1
Di-isopropyl ether	BDL	0.0011	mg/kg	8260B	04/24/08	1
Ethylbenzene	BDL	0.0011	mg/kg	8260B	04/24/08	1
Hexachlorobutadiene	BDL	0.0011	mg/kg	8260B	04/24/08	1
Isopropylbenzene	BDL	0.0011	mg/kg	8260B	04/24/08	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Christina Breen
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

April 24,2008

ESC Sample # : L342109-04

Site ID :

Project # : 15416-I

Date Received : April 23, 2008
Description : Twin Lakes DENR Recommendations

Sample ID : AOC 21 L9 1 FT

Collected By : CMB / SMB
Collection Date : 04/22/08 10:15

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0011	mg/kg	8260B	04/24/08	1
2-Butanone (MEK)	BDL	0.011	mg/kg	8260B	04/24/08	1
Methylene Chloride	BDL	0.0055	mg/kg	8260B	04/24/08	1
4-Methyl-2-pentanone (MIBK)	BDL	0.011	mg/kg	8260B	04/24/08	1
Methyl tert-butyl ether	BDL	0.0011	mg/kg	8260B	04/24/08	1
Naphthalene	BDL	0.0055	mg/kg	8260B	04/24/08	1
n-Propylbenzene	BDL	0.0011	mg/kg	8260B	04/24/08	1
Styrene	BDL	0.0011	mg/kg	8260B	04/24/08	1
1,1,1,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	04/24/08	1
1,1,2,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	04/24/08	1
Tetrachloroethene	BDL	0.0011	mg/kg	8260B	04/24/08	1
Toluene	BDL	0.0055	mg/kg	8260B	04/24/08	1
1,2,3-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	04/24/08	1
1,2,4-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	04/24/08	1
1,1,1-Trichloroethane	BDL	0.0011	mg/kg	8260B	04/24/08	1
1,1,2-Trichloroethane	BDL	0.0011	mg/kg	8260B	04/24/08	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0011	mg/kg	8260B	04/24/08	1
Trichloroethene	BDL	0.0011	mg/kg	8260B	04/24/08	1
Trichlorofluoromethane	BDL	0.0055	mg/kg	8260B	04/24/08	1
1,2,3-Trichloropropane	BDL	0.0011	mg/kg	8260B	04/24/08	1
1,2,4-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	04/24/08	1
1,3,5-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	04/24/08	1
Vinyl chloride	BDL	0.0011	mg/kg	8260B	04/24/08	1
Xylenes, Total	BDL	0.0033	mg/kg	8260B	04/24/08	1
Surrogate Recovery						
Toluene-d8	101.		% Rec.	8260B	04/24/08	1
Dibromofluoromethane	101.		% Rec.	8260B	04/24/08	1
4-Bromofluorobenzene	95.2		% Rec.	8260B	04/24/08	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Summary of Remarks For Samples Printed
04/24/08 at 17:02:03

TSR Signing Reports: 064
R3 - Rush: Two Day

Sample: L342109-01 Account: ECSRTPNC Received: 04/23/08 07:45 Due Date: 04/25/08 00:00 RPT Date: 04/24/08 17:01

Sample: L342109-02 Account: ECSRTPNC Received: 04/23/08 07:45 Due Date: 04/25/08 00:00 RPT Date: 04/24/08 17:01

Sample: L342109-03 Account: ECSRTPNC Received: 04/23/08 07:45 Due Date: 04/25/08 00:00 RPT Date: 04/24/08 17:01

Sample: L342109-04 Account: ECSRTPNC Received: 04/23/08 07:45 Due Date: 04/25/08 00:00 RPT Date: 04/24/08 17:01

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Raleigh, NC 27617-7505

Quality Assurance Report
Level II

L342109

April 24, 2008

Laboratory Blank

Analyte	Result	Units	Date Analyzed	Batch
Total Solids	< .1	%	04/24/08 10:22	WG357174
1,1,1,2-Tetrachloroethane	< .001	mg/kg	04/24/08 10:54	WG357279
1,1,1-Trichloroethane	< .001	mg/kg	04/24/08 10:54	WG357279
1,1,2,2-Tetrachloroethane	< .001	mg/kg	04/24/08 10:54	WG357279
1,1,2-Trichloroethane	< .001	mg/kg	04/24/08 10:54	WG357279
1,1,2-Trichloro-1,2,2-trifluoroethane	< .001	mg/kg	04/24/08 10:54	WG357279
1,1-Dichloroethane	< .001	mg/kg	04/24/08 10:54	WG357279
1,1-Dichloroethene	< .001	mg/kg	04/24/08 10:54	WG357279
1,1-Dichloropropene	< .001	mg/kg	04/24/08 10:54	WG357279
1,2,3-Trichlorobenzene	< .001	mg/kg	04/24/08 10:54	WG357279
1,2,3-Trichloropropane	< .001	mg/kg	04/24/08 10:54	WG357279
1,2,4-Trichlorobenzene	< .001	mg/kg	04/24/08 10:54	WG357279
1,2,4-Trimethylbenzene	< .001	mg/kg	04/24/08 10:54	WG357279
1,2-Dibromo-3-Chloropropane	< .005	mg/kg	04/24/08 10:54	WG357279
1,2-Dibromoethane	< .001	mg/kg	04/24/08 10:54	WG357279
1,2-Dichlorobenzene	< .001	mg/kg	04/24/08 10:54	WG357279
1,2-Dichloroethane	< .001	mg/kg	04/24/08 10:54	WG357279
1,2-Dichloropropane	< .001	mg/kg	04/24/08 10:54	WG357279
1,3,5-Trimethylbenzene	< .001	mg/kg	04/24/08 10:54	WG357279
1,3-Dichlorobenzene	< .001	mg/kg	04/24/08 10:54	WG357279
1,3-Dichloropropane	< .001	mg/kg	04/24/08 10:54	WG357279
1,4-Dichlorobenzene	< .001	mg/kg	04/24/08 10:54	WG357279
2,2-Dichloropropane	< .001	mg/kg	04/24/08 10:54	WG357279
2-Butanone (MEK)	< .01	mg/kg	04/24/08 10:54	WG357279
2-Chloroethyl vinyl ether	< .001	mg/kg	04/24/08 10:54	WG357279
2-Chlorotoluene	< .001	mg/kg	04/24/08 10:54	WG357279
4-Chlorotoluene	< .001	mg/kg	04/24/08 10:54	WG357279
4-Methyl-2-pentanone (MIBK)	< .01	mg/kg	04/24/08 10:54	WG357279
Acetone	< .05	mg/kg	04/24/08 10:54	WG357279
Acrylonitrile	< .01	mg/kg	04/24/08 10:54	WG357279
Benzene	< .001	mg/kg	04/24/08 10:54	WG357279
Bromobenzene	< .001	mg/kg	04/24/08 10:54	WG357279
Bromodichloromethane	< .001	mg/kg	04/24/08 10:54	WG357279
Bromoform	< .001	mg/kg	04/24/08 10:54	WG357279
Bromomethane	< .005	mg/kg	04/24/08 10:54	WG357279
Carbon tetrachloride	< .001	mg/kg	04/24/08 10:54	WG357279
Chlorobenzene	< .001	mg/kg	04/24/08 10:54	WG357279
Chlorodibromomethane	< .001	mg/kg	04/24/08 10:54	WG357279
Chloroethane	< .005	mg/kg	04/24/08 10:54	WG357279
Chloroform	< .005	mg/kg	04/24/08 10:54	WG357279
Chloromethane	< .001	mg/kg	04/24/08 10:54	WG357279
cis-1,2-Dichloroethene	< .001	mg/kg	04/24/08 10:54	WG357279
cis-1,3-Dichloropropene	< .001	mg/kg	04/24/08 10:54	WG357279
Di-isopropyl ether	< .001	mg/kg	04/24/08 10:54	WG357279
Dibromomethane	< .001	mg/kg	04/24/08 10:54	WG357279
Dichlorodifluoromethane	< .005	mg/kg	04/24/08 10:54	WG357279
Ethylbenzene	< .001	mg/kg	04/24/08 10:54	WG357279
Hexachlorobutadiene	< .001	mg/kg	04/24/08 10:54	WG357279
Isopropylbenzene	< .001	mg/kg	04/24/08 10:54	WG357279
Methyl tert-butyl ether	< .001	mg/kg	04/24/08 10:54	WG357279
Methylene Chloride	< .005	mg/kg	04/24/08 10:54	WG357279
n-Butylbenzene	< .001	mg/kg	04/24/08 10:54	WG357279
n-Propylbenzene	< .001	mg/kg	04/24/08 10:54	WG357279
Naphthalene	< .005	mg/kg	04/24/08 10:54	WG357279
p-Isopropyltoluene	< .001	mg/kg	04/24/08 10:54	WG357279
sec-Butylbenzene	< .001	mg/kg	04/24/08 10:54	WG357279
Styrene	< .001	mg/kg	04/24/08 10:54	WG357279
tert-Butylbenzene	< .001	mg/kg	04/24/08 10:54	WG357279
Tetrachloroethene	< .001	mg/kg	04/24/08 10:54	WG357279

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Quality Assurance Report
Level II

L342109

April 24, 2008

Toluene	< .005	mg/kg	04/24/08 10:54	WG357279

Laboratory Blank

Analyte	Result	Units	Date Analyzed	Batch
trans-1,2-Dichloroethene	< .001	mg/kg	04/24/08 10:54	WG357279
trans-1,3-Dichloropropene	< .001	mg/kg	04/24/08 10:54	WG357279
Trichloroethene	< .001	mg/kg	04/24/08 10:54	WG357279
Trichlorofluoromethane	< .005	mg/kg	04/24/08 10:54	WG357279
Vinyl chloride	< .001	mg/kg	04/24/08 10:54	WG357279
Xylenes, Total	< .003	mg/kg	04/24/08 10:54	WG357279

Duplicate

Analyte	Units	Result	Duplicate	RPD	Limit	Ref Samp	Batch
Total Solids	%	75.6	75.3	0.383	5	L342120-06	WG357174

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
Total Solids	%	50	50.0	99.9	85-115	WG357174
1,1,1,2-Tetrachloroethane	mg/kg	.05	0.0509	102.	73-134	WG357279
1,1,1-Trichloroethane	mg/kg	.05	0.0503	101.	62-135	WG357279
1,1,2,2-Tetrachloroethane	mg/kg	.05	0.0509	102.	74-129	WG357279
1,1,2-Trichloroethane	mg/kg	.05	0.0496	99.2	77-124	WG357279
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	.05	0.0498	99.7	49-155	WG357279
1,1-Dichloroethane	mg/kg	.05	0.0492	98.3	61-134	WG357279
1,1-Dichloroethene	mg/kg	.05	0.0490	98.0	53-136	WG357279
1,1-Dichloropropene	mg/kg	.05	0.0483	96.7	63-132	WG357279
1,2,3-Trichlorobenzene	mg/kg	.05	0.0556	111.	62-146	WG357279
1,2,3-Trichloropropane	mg/kg	.05	0.0514	103.	70-133	WG357279
1,2,4-Trichlorobenzene	mg/kg	.05	0.0611	122.	61-148	WG357279
1,2,4-Trimethylbenzene	mg/kg	.05	0.0497	99.4	68-135	WG357279
1,2-Dibromo-3-Chloropropane	mg/kg	.05	0.0497	99.4	61-134	WG357279
1,2-Dibromoethane	mg/kg	.05	0.0496	99.2	76-127	WG357279
1,2-Dichlorobenzene	mg/kg	.05	0.0522	104.	77-123	WG357279
1,2-Dichloroethane	mg/kg	.05	0.0504	101.	58-141	WG357279
1,2-Dichloropropane	mg/kg	.05	0.0521	104.	71-128	WG357279
1,3,5-Trimethylbenzene	mg/kg	.05	0.0460	92.1	71-133	WG357279
1,3-Dichlorobenzene	mg/kg	.05	0.0620	124.	71-132	WG357279
1,3-Dichloropropane	mg/kg	.05	0.0474	94.8	76-120	WG357279
1,4-Dichlorobenzene	mg/kg	.05	0.0525	105.	72-123	WG357279
2,2-Dichloropropane	mg/kg	.05	0.0536	107.	50-147	WG357279
2-Butanone (MEK)	mg/kg	.25	0.246	98.3	51-131	WG357279
2-Chloroethyl vinyl ether	mg/kg	.25	0.267	107.	0-188	WG357279
2-Chlorotoluene	mg/kg	.05	0.0553	111.	73-128	WG357279
4-Chlorotoluene	mg/kg	.05	0.0582	116.	72-129	WG357279
4-Methyl-2-pentanone (MIBK)	mg/kg	.25	0.260	104.	61-143	WG357279
Acetone	mg/kg	.25	0.243	97.2	44-140	WG357279
Acrylonitrile	mg/kg	.25	0.253	101.	55-143	WG357279
Benzene	mg/kg	.05	0.0505	101.	65-128	WG357279
Bromobenzene	mg/kg	.05	0.0508	102.	75-123	WG357279
Bromodichloromethane	mg/kg	.05	0.0500	99.9	66-126	WG357279
Bromoform	mg/kg	.05	0.0458	91.6	64-139	WG357279
Bromomethane	mg/kg	.05	0.0583	117.	41-175	WG357279
Carbon tetrachloride	mg/kg	.05	0.0494	98.8	60-140	WG357279
Chlorobenzene	mg/kg	.05	0.0504	101.	75-125	WG357279
Chlorodibromomethane	mg/kg	.05	0.0523	105.	72-137	WG357279
Chloroethane	mg/kg	.05	0.0515	103.	44-159	WG357279
Chloroform	mg/kg	.05	0.0503	101.	63-123	WG357279
Chloromethane	mg/kg	.05	0.0470	94.0	42-149	WG357279
cis-1,2-Dichloroethene	mg/kg	.05	0.0504	101.	71-129	WG357279
cis-1,3-Dichloropropene	mg/kg	.05	0.0522	104.	73-132	WG357279

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Quality Assurance Report
Level II

L342109

April 24, 2008

Di-isopropyl ether	mg/kg	.05	0.0495	99.0	59-143	WG357279

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
Dibromomethane	mg/kg	.05	0.0494	98.9	70-130	WG357279
Dichlorodifluoromethane	mg/kg	.05	0.0466	93.1	26-186	WG357279
Ethylbenzene	mg/kg	.05	0.0528	106.	74-128	WG357279
Hexachlorobutadiene	mg/kg	.05	0.0503	101.	65-137	WG357279
Isopropylbenzene	mg/kg	.05	0.0567	113.	73-130	WG357279
Methyl tert-butyl ether	mg/kg	.05	0.0502	100.	44-148	WG357279
Methylene Chloride	mg/kg	.05	0.0478	95.7	57-129	WG357279
n-Butylbenzene	mg/kg	.05	0.0586	117.	60-145	WG357279
n-Propylbenzene	mg/kg	.05	0.0457	91.3	71-132	WG357279
Naphthalene	mg/kg	.05	0.0516	103.	61-142	WG357279
p-Isopropyltoluene	mg/kg	.05	0.0475	95.0	67-138	WG357279
sec-Butylbenzene	mg/kg	.05	0.0529	106.	71-134	WG357279
Styrene	mg/kg	.05	0.0570	114.	76-133	WG357279
tert-Butylbenzene	mg/kg	.05	0.0578	116.	72-132	WG357279
Tetrachloroethene	mg/kg	.05	0.0514	103.	65-135	WG357279
Toluene	mg/kg	.05	0.0495	99.1	70-120	WG357279
trans-1,2-Dichloroethene	mg/kg	.05	0.0498	99.6	61-133	WG357279
trans-1,3-Dichloropropene	mg/kg	.05	0.0516	103.	70-135	WG357279
Trichloroethene	mg/kg	.05	0.0499	99.9	71-126	WG357279
Trichlorofluoromethane	mg/kg	.05	0.0489	97.8	52-147	WG357279
Vinyl chloride	mg/kg	.05	0.0470	94.0	50-151	WG357279
Xylenes, Total	mg/kg	.15	0.161	107.	74-127	WG357279

Laboratory Control Sample Duplicate

Analyte	Units	LCSD Res	Ref Res	RPD	Limit	%Rec	Batch
1,1,1,2-Tetrachloroethane	mg/kg	0.0528	0.0509	3.52	20	106	WG357279
1,1,1-Trichloroethane	mg/kg	0.0492	0.0503	2.24	20	98	WG357279
1,1,2,2-Tetrachloroethane	mg/kg	0.0510	0.0509	0.146	20	102	WG357279
1,1,2-Trichloroethane	mg/kg	0.0506	0.0496	2.03	20	101	WG357279
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0493	0.0498	1.06	20	99	WG357279
1,1-Dichloroethane	mg/kg	0.0476	0.0492	3.33	20	95	WG357279
1,1-Dichloroethene	mg/kg	0.0482	0.0490	1.61	20	96	WG357279
1,1-Dichloropropene	mg/kg	0.0479	0.0483	1.00	20	96	WG357279
1,2,3-Trichlorobenzene	mg/kg	0.0613	0.0556	9.70	20	123	WG357279
1,2,3-Trichloropropane	mg/kg	0.0524	0.0514	2.04	20	105	WG357279
1,2,4-Trichlorobenzene	mg/kg	0.0665	0.0611	8.33	20	133	WG357279
1,2,4-Trimethylbenzene	mg/kg	0.0531	0.0497	6.51	20	106	WG357279
1,2-Dibromo-3-Chloropropane	mg/kg	0.0497	0.0497	0.0465	21	99	WG357279
1,2-Dibromoethane	mg/kg	0.0495	0.0496	0.281	20	99	WG357279
1,2-Dichlorobenzene	mg/kg	0.0508	0.0522	2.67	20	102	WG357279
1,2-Dichloroethane	mg/kg	0.0475	0.0504	5.83	20	95	WG357279
1,2-Dichloropropane	mg/kg	0.0509	0.0521	2.24	20	102	WG357279
1,3,5-Trimethylbenzene	mg/kg	0.0486	0.0460	5.36	20	97	WG357279
1,3-Dichlorobenzene	mg/kg	0.0647	0.0620	4.22	20	129	WG357279
1,3-Dichloropropane	mg/kg	0.0480	0.0474	1.31	20	96	WG357279
1,4-Dichlorobenzene	mg/kg	0.0519	0.0525	1.12	20	104	WG357279
2,2-Dichloropropane	mg/kg	0.0514	0.0536	4.18	20	103	WG357279
2-Butanone (MEK)	mg/kg	0.235	0.246	4.57	25	94	WG357279
2-Chloroethyl vinyl ether	mg/kg	0.255	0.267	4.61	39	102	WG357279
2-Chlorotoluene	mg/kg	0.0568	0.0553	2.70	20	114	WG357279
4-Chlorotoluene	mg/kg	0.0603	0.0582	3.56	20	121	WG357279
4-Methyl-2-pentanone (MIBK)	mg/kg	0.250	0.260	4.00	23	100	WG357279
Acetone	mg/kg	0.228	0.243	6.23	25	91	WG357279
Acrylonitrile	mg/kg	0.237	0.253	6.36	20	95	WG357279
Benzene	mg/kg	0.0496	0.0505	1.84	20	99	WG357279
Bromobenzene	mg/kg	0.0516	0.0508	1.55	20	103	WG357279
Bromodichloromethane	mg/kg	0.0490	0.0500	1.92	20	98	WG357279
Bromoform	mg/kg	0.0465	0.0458	1.59	20	93	WG357279

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Level II

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Bromomethane	mg/kg	0.0550	0.0583	5.93	20	110	WG357279

Laboratory Control Sample Duplicate

Analyte	Units	LCSD Res	Ref Res	RPD	Limit	%Rec	Batch
Carbon tetrachloride	mg/kg	0.0492	0.0494	0.319	20	98	WG357279
Chlorobenzene	mg/kg	0.0514	0.0504	1.99	20	103	WG357279
Chlorodibromomethane	mg/kg	0.0535	0.0523	2.32	20	107	WG357279
Chloroethane	mg/kg	0.0505	0.0515	1.99	20	101	WG357279
Chloroform	mg/kg	0.0490	0.0503	2.72	20	98	WG357279
Chloromethane	mg/kg	0.0454	0.0470	3.44	20	91	WG357279
cis-1,2-Dichloroethene	mg/kg	0.0492	0.0504	2.38	20	98	WG357279
cis-1,3-Dichloropropene	mg/kg	0.0506	0.0522	3.08	20	101	WG357279
Di-isopropyl ether	mg/kg	0.0477	0.0495	3.70	20	95	WG357279
Dibromomethane	mg/kg	0.0474	0.0494	4.21	20	95	WG357279
Dichlorodifluoromethane	mg/kg	0.0463	0.0466	0.556	22	93	WG357279
Ethylbenzene	mg/kg	0.0538	0.0528	1.97	20	108	WG357279
Hexachlorobutadiene	mg/kg	0.0546	0.0503	8.17	20	109	WG357279
Isopropylbenzene	mg/kg	0.0589	0.0567	3.73	20	118	WG357279
Methyl tert-butyl ether	mg/kg	0.0484	0.0502	3.77	20	97	WG357279
Methylene Chloride	mg/kg	0.0465	0.0478	2.93	20	93	WG357279
n-Butylbenzene	mg/kg	0.0639	0.0586	8.74	20	128	WG357279
n-Propylbenzene	mg/kg	0.0484	0.0457	5.81	20	97	WG357279
Naphthalene	mg/kg	0.0595	0.0516	14.2	20	119	WG357279
p-Isopropyltoluene	mg/kg	0.0530	0.0475	11.0	20	106	WG357279
sec-Butylbenzene	mg/kg	0.0577	0.0529	8.71	20	115	WG357279
Styrene	mg/kg	0.0582	0.0570	2.10	20	116	WG357279
tert-Butylbenzene	mg/kg	0.0633	0.0578	9.10	20	127	WG357279
Tetrachloroethene	mg/kg	0.0530	0.0514	3.05	20	106	WG357279
Toluene	mg/kg	0.0492	0.0495	0.767	20	98	WG357279
trans-1,2-Dichloroethene	mg/kg	0.0489	0.0498	1.90	20	98	WG357279
trans-1,3-Dichloropropene	mg/kg	0.0497	0.0516	3.66	20	99	WG357279
Trichloroethene	mg/kg	0.0501	0.0499	0.286	20	100	WG357279
Trichlorofluoromethane	mg/kg	0.0484	0.0489	0.990	20	97	WG357279
Vinyl chloride	mg/kg	0.0454	0.0470	3.49	20	91	WG357279
Xylenes, Total	mg/kg	0.167	0.161	3.42	20	111	WG357279

Matrix Spike

Analyte	Units	MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
1,1,1,2-Tetrachloroethane	mg/kg	0.243	0.00	.05	97.4	29-145	L341531-01	WG357279
1,1,1-Trichloroethane	mg/kg	0.206	0.00	.05	82.6	23-147	L341531-01	WG357279
1,1,2,2-Tetrachloroethane	mg/kg	0.261	0.00	.05	104.	18-150	L341531-01	WG357279
1,1,2-Trichloroethane	mg/kg	0.253	0.00	.05	101.	35-140	L341531-01	WG357279
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.183	0.00	.05	73.0	10-145	L341531-01	WG357279
1,1-Dichloroethane	mg/kg	0.210	0.00	.05	84.1	24-148	L341531-01	WG357279
1,1-Dichloroethene	mg/kg	0.178	0.00	.05	71.1	10-149	L341531-01	WG357279
1,1-Dichloropropene	mg/kg	0.162	0.00	.05	64.9	10-141	L341531-01	WG357279
1,2,3-Trichlorobenzene	mg/kg	0.194	0.00	.05	77.6	10-129	L341531-01	WG357279
1,2,3-Trichloropropane	mg/kg	0.270	0.00	.05	108.	30-148	L341531-01	WG357279
1,2,4-Trichlorobenzene	mg/kg	0.185	0.00	.05	73.9	10-119	L341531-01	WG357279
1,2,4-Trimethylbenzene	mg/kg	0.171	0.00	.05	68.2	10-145	L341531-01	WG357279
1,2-Dibromo-3-Chloropropane	mg/kg	0.255	0.00	.05	102.	19-145	L341531-01	WG357279
1,2-Dibromoethane	mg/kg	0.231	0.00	.05	92.3	24-145	L341531-01	WG357279
1,2-Dichlorobenzene	mg/kg	0.202	0.00	.05	80.7	12-130	L341531-01	WG357279
1,2-Dichloroethane	mg/kg	0.225	0.00	.05	90.2	21-155	L341531-01	WG357279
1,2-Dichloropropane	mg/kg	0.246	0.00	.05	98.3	28-144	L341531-01	WG357279
1,3,5-Trimethylbenzene	mg/kg	0.166	0.00	.05	66.3	10-135	L341531-01	WG357279
1,3-Dichlorobenzene	mg/kg	0.210	0.00	.05	84.1	10-129	L341531-01	WG357279
1,3-Dichloropropane	mg/kg	0.230	0.00	.05	92.1	31-137	L341531-01	WG357279
1,4-Dichlorobenzene	mg/kg	0.180	0.00	.05	71.8	10-121	L341531-01	WG357279
2,2-Dichloropropane	mg/kg	0.217	0.00	.05	86.7	18-144	L341531-01	WG357279
2-Butanone (MEK)	mg/kg	1.21	0.00	.25	96.9	21-143	L341531-01	WG357279
2-Chloroethyl vinyl ether	mg/kg	1.25	0.00	.25	99.7	0-176	L341531-01	WG357279

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2-Chlorotoluene	mg/kg	0.199	0.00	.05	79.5	10-132	L341531-01	WG357279

Matrix Spike

Analyte	Units	MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
4-Chlorotoluene	mg/kg	0.203	0.00	.05	81.0	10-129	L341531-01	WG357279
4-Methyl-2-pentanone (MIBK)	mg/kg	1.34	0.00	.25	108.	31-151	L341531-01	WG357279
Acetone	mg/kg	1.25	0.00	.25	99.9	13-158	L341531-01	WG357279
Acrylonitrile	mg/kg	1.19	0.00	.25	94.9	20-154	L341531-01	WG357279
Benzene	mg/kg	0.192	0.00	.05	77.0	16-143	L341531-01	WG357279
Bromobenzene	mg/kg	0.212	0.0005	.05	84.5	14-135	L341531-01	WG357279
Bromodichloromethane	mg/kg	0.232	0.00	.05	93.0	27-139	L341531-01	WG357279
Bromoform	mg/kg	0.231	0.00	.05	92.4	21-144	L341531-01	WG357279
Bromomethane	mg/kg	0.178	0.00	.05	71.2	0-180	L341531-01	WG357279
Carbon tetrachloride	mg/kg	0.187	0.00	.05	74.8	12-149	L341531-01	WG357279
Chlorobenzene	mg/kg	0.202	0.00	.05	80.7	17-134	L341531-01	WG357279
Chlorodibromomethane	mg/kg	0.264	0.00	.05	105.	28-147	L341531-01	WG357279
Chloroethane	mg/kg	0.172	0.00	.05	68.8	0-172	L341531-01	WG357279
Chloroform	mg/kg	0.223	0.00	.05	89.2	28-138	L341531-01	WG357279
Chloromethane	mg/kg	0.137	0.00	.05	54.9	10-158	L341531-01	WG357279
cis-1,2-Dichloroethene	mg/kg	0.206	0.00	.05	82.6	21-147	L341531-01	WG357279
cis-1,3-Dichloropropene	mg/kg	0.218	0.00	.05	87.1	17-145	L341531-01	WG357279
Di-isopropyl ether	mg/kg	0.229	0.00	.05	91.5	31-153	L341531-01	WG357279
Dibromomethane	mg/kg	0.226	0.00	.05	90.4	24-147	L341531-01	WG357279
Dichlorodifluoromethane	mg/kg	0.142	0.00	.05	56.8	0-192	L341531-01	WG357279
Ethylbenzene	mg/kg	0.193	0.00	.05	77.3	12-137	L341531-01	WG357279
Hexachlorobutadiene	mg/kg	0.167	0.00	.05	66.9	10-123	L341531-01	WG357279
Isopropylbenzene	mg/kg	0.215	0.00	.05	86.1	14-134	L341531-01	WG357279
Methyl tert-butyl ether	mg/kg	0.248	0.00	.05	99.2	21-157	L341531-01	WG357279
Methylene Chloride	mg/kg	0.203	0.00	.05	81.3	12-149	L341531-01	WG357279
n-Butylbenzene	mg/kg	0.181	0.00	.05	72.6	10-130	L341531-01	WG357279
n-Propylbenzene	mg/kg	0.160	0.00	.05	64.1	10-130	L341531-01	WG357279
Naphthalene	mg/kg	0.231	0.00	.05	92.3	0-146	L341531-01	WG357279
p-Isopropyltoluene	mg/kg	0.157	0.00	.05	62.7	10-131	L341531-01	WG357279
sec-Butylbenzene	mg/kg	0.197	0.00	.05	78.7	10-134	L341531-01	WG357279
Styrene	mg/kg	0.207	0.00	.05	82.8	10-140	L341531-01	WG357279
tert-Butylbenzene	mg/kg	0.221	0.00	.05	88.5	11-137	L341531-01	WG357279
Tetrachloroethene	mg/kg	0.161	0.00	.05	64.3	10-131	L341531-01	WG357279
Toluene	mg/kg	0.185	0.00	.05	74.2	12-136	L341531-01	WG357279
trans-1,2-Dichloroethene	mg/kg	0.165	0.00	.05	66.2	10-143	L341531-01	WG357279
trans-1,3-Dichloropropene	mg/kg	0.227	0.00	.05	90.8	16-147	L341531-01	WG357279
Trichloroethene	mg/kg	0.185	0.00	.05	73.9	10-155	L341531-01	WG357279
Trichlorofluoromethane	mg/kg	0.162	0.00	.05	64.6	10-154	L341531-01	WG357279
Vinyl chloride	mg/kg	0.138	0.00	.05	55.0	10-159	L341531-01	WG357279
Xylenes, Total	mg/kg	0.583	0.00	.15	77.8	10-138	L341531-01	WG357279

Matrix Spike Duplicate

Analyte	Units	MSD Res	Ref Res	RPD	Limit	%Rec	Ref Samp	Batch
1,1,1,2-Tetrachloroethane	mg/kg	0.230	0.243	5.49	31	92.2	L341531-01	WG357279
1,1,1-Trichloroethane	mg/kg	0.192	0.206	7.11	32	76.9	L341531-01	WG357279
1,1,2,2-Tetrachloroethane	mg/kg	0.244	0.261	6.55	33	97.6	L341531-01	WG357279
1,1,2-Trichloroethane	mg/kg	0.236	0.253	7.00	29	94.3	L341531-01	WG357279
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.176	0.183	3.64	35	70.4	L341531-01	WG357279
1,1-Dichloroethane	mg/kg	0.197	0.210	6.46	31	78.9	L341531-01	WG357279
1,1-Dichloroethene	mg/kg	0.166	0.178	7.06	34	66.3	L341531-01	WG357279
1,1-Dichloropropene	mg/kg	0.150	0.162	8.04	34	59.9	L341531-01	WG357279
1,2,3-Trichlorobenzene	mg/kg	0.184	0.194	5.09	43	73.7	L341531-01	WG357279
1,2,3-Trichloropropane	mg/kg	0.253	0.270	6.51	32	101.	L341531-01	WG357279
1,2,4-Trichlorobenzene	mg/kg	0.171	0.185	7.90	44	68.3	L341531-01	WG357279
1,2,4-Trimethylbenzene	mg/kg	0.162	0.171	5.20	41	64.7	L341531-01	WG357279
1,2-Dibromo-3-Chloropropane	mg/kg	0.245	0.255	3.96	35	98.0	L341531-01	WG357279
1,2-Dibromoethane	mg/kg	0.213	0.231	7.91	31	85.3	L341531-01	WG357279
1,2-Dichlorobenzene	mg/kg	0.196	0.202	3.05	35	78.2	L341531-01	WG357279

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1,2-Dichloroethane	mg/kg	0.211	0.225	6.80	29	84.2	L341531-01	WG357279

Matrix Spike Duplicate

Analyte	Units	MSD Res	Ref Res	RPD	Limit	%Rec	Ref Samp	Batch
1,2-Dichloropropane	mg/kg	0.222	0.246	9.94	30	89.0	L341531-01	WG357279
1,3,5-Trimethylbenzene	mg/kg	0.157	0.166	5.22	39	62.9	L341531-01	WG357279
1,3-Dichlorobenzene	mg/kg	0.204	0.210	3.07	38	81.6	L341531-01	WG357279
1,3-Dichloropropane	mg/kg	0.212	0.230	8.22	29	84.8	L341531-01	WG357279
1,4-Dichlorobenzene	mg/kg	0.171	0.180	4.89	36	68.4	L341531-01	WG357279
2,2-Dichloropropane	mg/kg	0.200	0.217	8.23	32	79.8	L341531-01	WG357279
2-Butanone (MEK)	mg/kg	1.17	1.21	3.67	37	93.4	L341531-01	WG357279
2-Chloroethyl vinyl ether	mg/kg	1.13	1.25	9.77	50	90.4	L341531-01	WG357279
2-Chlorotoluene	mg/kg	0.189	0.199	5.22	37	75.4	L341531-01	WG357279
4-Chlorotoluene	mg/kg	0.192	0.203	5.30	38	76.8	L341531-01	WG357279
4-Methyl-2-pentanone (MIBK)	mg/kg	1.26	1.34	6.66	36	101.	L341531-01	WG357279
Acetone	mg/kg	1.16	1.25	7.41	34	92.8	L341531-01	WG357279
Acrylonitrile	mg/kg	1.15	1.19	3.44	35	91.7	L341531-01	WG357279
Benzene	mg/kg	0.181	0.192	6.40	31	72.2	L341531-01	WG357279
Bromobenzene	mg/kg	0.201	0.212	5.39	39	80.1	L341531-01	WG357279
Bromodichloromethane	mg/kg	0.219	0.232	5.99	30	87.6	L341531-01	WG357279
Bromoform	mg/kg	0.218	0.231	5.93	34	87.1	L341531-01	WG357279
Bromomethane	mg/kg	0.167	0.178	6.66	41	66.6	L341531-01	WG357279
Carbon tetrachloride	mg/kg	0.175	0.187	6.87	34	69.9	L341531-01	WG357279
Chlorobenzene	mg/kg	0.188	0.202	7.05	34	75.2	L341531-01	WG357279
Chlorodibromomethane	mg/kg	0.242	0.264	8.45	32	96.9	L341531-01	WG357279
Chloroethane	mg/kg	0.157	0.172	8.87	38	63.0	L341531-01	WG357279
Chloroform	mg/kg	0.209	0.223	6.36	30	83.7	L341531-01	WG357279
Chloromethane	mg/kg	0.127	0.137	7.91	35	50.7	L341531-01	WG357279
cis-1,2-Dichloroethene	mg/kg	0.196	0.206	5.41	31	78.2	L341531-01	WG357279
cis-1,3-Dichloropropene	mg/kg	0.208	0.218	4.46	32	83.3	L341531-01	WG357279
Di-isopropyl ether	mg/kg	0.214	0.229	6.76	29	85.5	L341531-01	WG357279
Dibromomethane	mg/kg	0.206	0.226	9.05	30	82.6	L341531-01	WG357279
Dichlorodifluoromethane	mg/kg	0.132	0.142	7.38	38	52.7	L341531-01	WG357279
Ethylbenzene	mg/kg	0.179	0.193	7.92	36	71.4	L341531-01	WG357279
Hexachlorobutadiene	mg/kg	0.157	0.167	6.32	50	62.8	L341531-01	WG357279
Isopropylbenzene	mg/kg	0.204	0.215	5.29	37	81.7	L341531-01	WG357279
Methyl tert-butyl ether	mg/kg	0.233	0.248	6.07	31	93.3	L341531-01	WG357279
Methylene Chloride	mg/kg	0.192	0.203	5.84	31	76.7	L341531-01	WG357279
n-Butylbenzene	mg/kg	0.161	0.181	11.9	48	64.4	L341531-01	WG357279
n-Propylbenzene	mg/kg	0.153	0.160	4.73	40	61.1	L341531-01	WG357279
Naphthalene	mg/kg	0.205	0.231	12.0	43	81.8	L341531-01	WG357279
p-Isopropyltoluene	mg/kg	0.150	0.157	4.38	43	60.0	L341531-01	WG357279
sec-Butylbenzene	mg/kg	0.189	0.197	4.16	43	75.5	L341531-01	WG357279
Styrene	mg/kg	0.198	0.207	4.46	35	79.2	L341531-01	WG357279
tert-Butylbenzene	mg/kg	0.213	0.221	3.86	39	85.1	L341531-01	WG357279
Tetrachloroethene	mg/kg	0.150	0.161	7.14	35	59.9	L341531-01	WG357279
Toluene	mg/kg	0.174	0.185	6.16	32	69.7	L341531-01	WG357279
trans-1,2-Dichloroethene	mg/kg	0.153	0.165	7.63	33	61.3	L341531-01	WG357279
trans-1,3-Dichloropropene	mg/kg	0.214	0.227	6.01	32	85.5	L341531-01	WG357279
Trichloroethene	mg/kg	0.174	0.185	6.21	33	69.4	L341531-01	WG357279
Trichlorofluoromethane	mg/kg	0.151	0.162	6.69	32	60.5	L341531-01	WG357279
Vinyl chloride	mg/kg	0.128	0.138	7.29	36	51.2	L341531-01	WG357279
Xylenes, Total	mg/kg	0.545	0.583	6.72	36	72.7	L341531-01	WG357279

Batch number /Run number / Sample number cross reference

WG357174: R364527: L342109-01 02 03 04
WG357279: R364647: L342109-01 02 03 04

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

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ECS Carolinas - Raleigh, NC
Christina Breen
9001 Glenwood Ave

Raleigh, NC 27617-7505

Quality Assurance Report
Level II

L342109

April 24, 2008

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.

ECS Limited
9001 Glenwood Ave
Raleigh, NC 27617

Alternate billing information:

Report to: Christina Breen

Email to: cbreen @ecslimited.com

Project Description: TwinLakes - DENR Recommendations

City/State Collected: Morrisville, NC

Phone: 919-861-9910
FAX: 919-861-9911

Client Project #: 15416-I

ESC Key:

Collected by: CMB, SMB

Site/Facility ID#:

P.O.#:

Collected by (signature):

Packed on Ice N ___ Y

Rush? (Lab MUST Be Notified)
___ Same Day.....200%
___ Next Day.....100%
✓ Two Day.....50%

Date Results Needed:

Email? ___No ✓Yes
FAX? ✓No ___Yes

Analysis/Container/Preservative: 8260B

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	Remarks/Contaminant	Sample # (lab only)
AOC 21 L6	C	SS	1'	4/22	0929	4		L342109-01
AOC 21 L7a	↓	↓	1'	↓	0950	↓		02
AOC 21 L8	↓	↓	↓	↓	1003	↓		03
AOC 21 L9	↓	↓	↓	↓	1015	↓		04

Chain of Custody
Page 1 of 1

Prepared by:

ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (615) 758-5858
Phone (800) 767-5859
FAX (615) 758-5859

#4

CoCode: ECSRTPNC (lab use only)
Template/Prelogin:
Shipped Via:

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

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ Hand	Condition: (lab use only)
Christina Breen	4/22-08	1505	Sandra K Miller		
Relinquished by: (Signature) Sandra K Miller	Date: 4-22-08	Time: 1630	Received by: (Signature) Brent Bradley	Temp: 3.1 C	Bottles Received: 6 + 1 cp
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 4/25/08	Time: 0845
				pH Checked:	NCF:

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Christina Breen
ECS Carolinas - Raleigh, NC
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Raleigh, NC 27617-7505

Report Summary

Wednesday May 21, 2008

Report Number: L345858
Samples Received: 05/16/08
Client Project: 15416-I

Description: Twin Lakes DENR Recommendations

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: Terrie Fudge
Terrie Fudge, ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 09227, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140
NJ - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910

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REPORT OF ANALYSIS

Christina Breen
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

May 21,2008

ESC Sample # : L345858-01

Date Received : May 16, 2008
Description : Twin Lakes

Site ID :

Sample ID : AOC 21 L9A

Project # : 15416-I

Collected By : CMB-CLD
Collection Date : 05/15/08 10:12

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	82.3		%	2540G	05/17/08	1
Volatile Organics						
Acetone	BDL	0.061	mg/kg	8260B	05/17/08	1
Acrylonitrile	BDL	0.012	mg/kg	8260B	05/17/08	1
Benzene	BDL	0.0012	mg/kg	8260B	05/17/08	1
Bromobenzene	BDL	0.0012	mg/kg	8260B	05/17/08	1
Bromodichloromethane	BDL	0.0012	mg/kg	8260B	05/17/08	1
Bromoform	BDL	0.0012	mg/kg	8260B	05/17/08	1
Bromomethane	BDL	0.0061	mg/kg	8260B	05/17/08	1
n-Butylbenzene	BDL	0.0012	mg/kg	8260B	05/17/08	1
sec-Butylbenzene	BDL	0.0012	mg/kg	8260B	05/17/08	1
tert-Butylbenzene	BDL	0.0012	mg/kg	8260B	05/17/08	1
Carbon tetrachloride	BDL	0.0012	mg/kg	8260B	05/17/08	1
Chlorobenzene	BDL	0.0012	mg/kg	8260B	05/17/08	1
Chlorodibromomethane	BDL	0.0012	mg/kg	8260B	05/17/08	1
Chloroethane	BDL	0.0061	mg/kg	8260B	05/17/08	1
2-Chloroethyl vinyl ether	BDL	0.061	mg/kg	8260B	05/17/08	1
Chloroform	BDL	0.0061	mg/kg	8260B	05/17/08	1
Chloromethane	BDL	0.0012	mg/kg	8260B	05/17/08	1
2-Chlorotoluene	BDL	0.0012	mg/kg	8260B	05/17/08	1
4-Chlorotoluene	BDL	0.0012	mg/kg	8260B	05/17/08	1
1,2-Dibromo-3-Chloropropane	BDL	0.0061	mg/kg	8260B	05/17/08	1
1,2-Dibromoethane	BDL	0.0012	mg/kg	8260B	05/17/08	1
Dibromomethane	BDL	0.0012	mg/kg	8260B	05/17/08	1
1,2-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	05/17/08	1
1,3-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	05/17/08	1
1,4-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	05/17/08	1
Dichlorodifluoromethane	BDL	0.0061	mg/kg	8260B	05/17/08	1
1,1-Dichloroethane	BDL	0.0012	mg/kg	8260B	05/17/08	1
1,2-Dichloroethane	BDL	0.0012	mg/kg	8260B	05/17/08	1
1,1-Dichloroethene	BDL	0.0012	mg/kg	8260B	05/17/08	1
cis-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	05/17/08	1
trans-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	05/17/08	1
1,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	05/17/08	1
1,1-Dichloropropene	BDL	0.0012	mg/kg	8260B	05/17/08	1
1,3-Dichloropropane	BDL	0.0012	mg/kg	8260B	05/17/08	1
cis-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	05/17/08	1
trans-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	05/17/08	1
2,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	05/17/08	1
Di-isopropyl ether	BDL	0.0012	mg/kg	8260B	05/17/08	1
Ethylbenzene	0.020	0.0012	mg/kg	8260B	05/17/08	1
Hexachlorobutadiene	BDL	0.0012	mg/kg	8260B	05/17/08	1
Isopropylbenzene	BDL	0.0012	mg/kg	8260B	05/17/08	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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REPORT OF ANALYSIS

Christina Breen
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

May 21,2008

ESC Sample # : L345858-01

Site ID :

Project # : 15416-I

Date Received : May 16, 2008
Description : Twin Lakes

Sample ID : AOC 21 L9A

Collected By : CMB-CLD
Collection Date : 05/15/08 10:12

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0012	mg/kg	8260B	05/17/08	1
2-Butanone (MEK)	BDL	0.012	mg/kg	8260B	05/17/08	1
Methylene Chloride	BDL	0.0061	mg/kg	8260B	05/17/08	1
4-Methyl-2-pentanone (MIBK)	BDL	0.012	mg/kg	8260B	05/17/08	1
Methyl tert-butyl ether	BDL	0.0012	mg/kg	8260B	05/17/08	1
Naphthalene	BDL	0.0061	mg/kg	8260B	05/17/08	1
n-Propylbenzene	BDL	0.0012	mg/kg	8260B	05/17/08	1
Styrene	BDL	0.0012	mg/kg	8260B	05/17/08	1
1,1,1,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	05/17/08	1
1,1,2,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	05/17/08	1
Tetrachloroethene	BDL	0.0012	mg/kg	8260B	05/17/08	1
Toluene	BDL	0.0061	mg/kg	8260B	05/17/08	1
1,2,3-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	05/17/08	1
1,2,4-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	05/17/08	1
1,1,1-Trichloroethane	BDL	0.0012	mg/kg	8260B	05/17/08	1
1,1,2-Trichloroethane	BDL	0.0012	mg/kg	8260B	05/17/08	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0012	mg/kg	8260B	05/17/08	1
Trichloroethene	BDL	0.0012	mg/kg	8260B	05/17/08	1
Trichlorofluoromethane	BDL	0.0061	mg/kg	8260B	05/17/08	1
1,2,3-Trichloropropane	BDL	0.0012	mg/kg	8260B	05/17/08	1
1,2,4-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	05/17/08	1
1,3,5-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	05/17/08	1
Vinyl chloride	BDL	0.0012	mg/kg	8260B	05/17/08	1
Xylenes, Total	2.8	0.16	mg/kg	8260B	05/20/08	43.5
Surrogate Recovery						
Toluene-d8	95.4		% Rec.	8260B	05/17/08	1
Dibromofluoromethane	98.3		% Rec.	8260B	05/17/08	1
4-Bromofluorobenzene	103.		% Rec.	8260B	05/17/08	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Reported: 05/21/08 16:48 Printed: 05/21/08 16:49

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REPORT OF ANALYSIS

Christina Breen
ECS Carolinas - Raleigh, NC
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Raleigh, NC 27617-7505

May 21,2008

ESC Sample # : L345858-02

Site ID :

Project # : 15416-I

Date Received : May 16, 2008
Description : Twin Lakes

Sample ID : AOC 21 L9B

Collected By : CMB-CLD
Collection Date : 05/15/08 10:13

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	87.5		%	2540G	05/17/08	1
Volatile Organics						
Acetone	BDL	0.057	mg/kg	8260B	05/17/08	1
Acrylonitrile	BDL	0.011	mg/kg	8260B	05/17/08	1
Benzene	BDL	0.0011	mg/kg	8260B	05/17/08	1
Bromobenzene	BDL	0.0011	mg/kg	8260B	05/17/08	1
Bromodichloromethane	BDL	0.0011	mg/kg	8260B	05/17/08	1
Bromoform	BDL	0.0011	mg/kg	8260B	05/17/08	1
Bromomethane	BDL	0.0057	mg/kg	8260B	05/17/08	1
n-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/17/08	1
sec-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/17/08	1
tert-Butylbenzene	BDL	0.0011	mg/kg	8260B	05/17/08	1
Carbon tetrachloride	BDL	0.0011	mg/kg	8260B	05/17/08	1
Chlorobenzene	BDL	0.0011	mg/kg	8260B	05/17/08	1
Chlorodibromomethane	BDL	0.0011	mg/kg	8260B	05/17/08	1
Chloroethane	BDL	0.0057	mg/kg	8260B	05/17/08	1
2-Chloroethyl vinyl ether	BDL	0.057	mg/kg	8260B	05/17/08	1
Chloroform	BDL	0.0057	mg/kg	8260B	05/17/08	1
Chloromethane	BDL	0.0011	mg/kg	8260B	05/17/08	1
2-Chlorotoluene	BDL	0.0011	mg/kg	8260B	05/17/08	1
4-Chlorotoluene	BDL	0.0011	mg/kg	8260B	05/17/08	1
1,2-Dibromo-3-Chloropropane	BDL	0.0057	mg/kg	8260B	05/17/08	1
1,2-Dibromoethane	BDL	0.0011	mg/kg	8260B	05/17/08	1
Dibromomethane	BDL	0.0011	mg/kg	8260B	05/17/08	1
1,2-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/17/08	1
1,3-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/17/08	1
1,4-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	05/17/08	1
Dichlorodifluoromethane	BDL	0.0057	mg/kg	8260B	05/17/08	1
1,1-Dichloroethane	BDL	0.0011	mg/kg	8260B	05/17/08	1
1,2-Dichloroethane	BDL	0.0011	mg/kg	8260B	05/17/08	1
1,1-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/17/08	1
cis-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/17/08	1
trans-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	05/17/08	1
1,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	05/17/08	1
1,1-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/17/08	1
1,3-Dichloropropane	BDL	0.0011	mg/kg	8260B	05/17/08	1
cis-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/17/08	1
trans-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	05/17/08	1
2,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	05/17/08	1
Di-isopropyl ether	BDL	0.0011	mg/kg	8260B	05/17/08	1
Ethylbenzene	0.0023	0.0011	mg/kg	8260B	05/17/08	1
Hexachlorobutadiene	BDL	0.0011	mg/kg	8260B	05/17/08	1
Isopropylbenzene	BDL	0.0011	mg/kg	8260B	05/17/08	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Christina Breen
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

May 21,2008

ESC Sample # : L345858-02

Site ID :

Project # : 15416-I

Date Received : May 16, 2008
Description : Twin Lakes

Sample ID : AOC 21 L9B

Collected By : CMB-CLD
Collection Date : 05/15/08 10:13

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0011	mg/kg	8260B	05/17/08	1
2-Butanone (MEK)	BDL	0.011	mg/kg	8260B	05/17/08	1
Methylene Chloride	BDL	0.0057	mg/kg	8260B	05/17/08	1
4-Methyl-2-pentanone (MIBK)	BDL	0.011	mg/kg	8260B	05/17/08	1
Methyl tert-butyl ether	BDL	0.0011	mg/kg	8260B	05/17/08	1
Naphthalene	BDL	0.0057	mg/kg	8260B	05/17/08	1
n-Propylbenzene	BDL	0.0011	mg/kg	8260B	05/17/08	1
Styrene	BDL	0.0011	mg/kg	8260B	05/17/08	1
1,1,1,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	05/17/08	1
1,1,2,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	05/17/08	1
Tetrachloroethene	BDL	0.0011	mg/kg	8260B	05/17/08	1
Toluene	BDL	0.0057	mg/kg	8260B	05/17/08	1
1,2,3-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	05/17/08	1
1,2,4-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	05/17/08	1
1,1,1-Trichloroethane	BDL	0.0011	mg/kg	8260B	05/17/08	1
1,1,2-Trichloroethane	BDL	0.0011	mg/kg	8260B	05/17/08	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0011	mg/kg	8260B	05/17/08	1
Trichloroethene	BDL	0.0011	mg/kg	8260B	05/17/08	1
Trichlorofluoromethane	BDL	0.0057	mg/kg	8260B	05/17/08	1
1,2,3-Trichloropropane	BDL	0.0011	mg/kg	8260B	05/17/08	1
1,2,4-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/17/08	1
1,3,5-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	05/17/08	1
Vinyl chloride	BDL	0.0011	mg/kg	8260B	05/17/08	1
Xylenes, Total	0.0035	0.0034	mg/kg	8260B	05/20/08	1
Surrogate Recovery						
Toluene-d8	97.8		% Rec.	8260B	05/17/08	1
Dibromofluoromethane	101.		% Rec.	8260B	05/17/08	1
4-Bromofluorobenzene	99.7		% Rec.	8260B	05/17/08	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Christina Breen
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

May 21,2008

ESC Sample # : L345858-03

Site ID :

Project # : 15416-I

Date Received : May 16, 2008
Description : Twin Lakes

Sample ID : AOC 21 L10A

Collected By : CMB-CLD
Collection Date : 05/15/08 10:27

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	80.3		%	2540G	05/17/08	1
Volatile Organics						
Acetone	0.068	0.062	mg/kg	8260B	05/17/08	1
Acrylonitrile	BDL	0.012	mg/kg	8260B	05/17/08	1
Benzene	BDL	0.0012	mg/kg	8260B	05/17/08	1
Bromobenzene	BDL	0.0012	mg/kg	8260B	05/17/08	1
Bromodichloromethane	BDL	0.0012	mg/kg	8260B	05/17/08	1
Bromoform	BDL	0.0012	mg/kg	8260B	05/17/08	1
Bromomethane	BDL	0.0062	mg/kg	8260B	05/17/08	1
n-Butylbenzene	BDL	0.0012	mg/kg	8260B	05/17/08	1
sec-Butylbenzene	BDL	0.0012	mg/kg	8260B	05/17/08	1
tert-Butylbenzene	BDL	0.0012	mg/kg	8260B	05/17/08	1
Carbon tetrachloride	BDL	0.0012	mg/kg	8260B	05/17/08	1
Chlorobenzene	BDL	0.0012	mg/kg	8260B	05/17/08	1
Chlorodibromomethane	BDL	0.0012	mg/kg	8260B	05/17/08	1
Chloroethane	BDL	0.0062	mg/kg	8260B	05/17/08	1
2-Chloroethyl vinyl ether	BDL	0.062	mg/kg	8260B	05/17/08	1
Chloroform	BDL	0.0062	mg/kg	8260B	05/17/08	1
Chloromethane	BDL	0.0012	mg/kg	8260B	05/17/08	1
2-Chlorotoluene	BDL	0.0012	mg/kg	8260B	05/17/08	1
4-Chlorotoluene	BDL	0.0012	mg/kg	8260B	05/17/08	1
1,2-Dibromo-3-Chloropropane	BDL	0.0062	mg/kg	8260B	05/17/08	1
1,2-Dibromoethane	BDL	0.0012	mg/kg	8260B	05/17/08	1
Dibromomethane	BDL	0.0012	mg/kg	8260B	05/17/08	1
1,2-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	05/17/08	1
1,3-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	05/17/08	1
1,4-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	05/17/08	1
Dichlorodifluoromethane	BDL	0.0062	mg/kg	8260B	05/17/08	1
1,1-Dichloroethane	BDL	0.0012	mg/kg	8260B	05/17/08	1
1,2-Dichloroethane	BDL	0.0012	mg/kg	8260B	05/17/08	1
1,1-Dichloroethene	BDL	0.0012	mg/kg	8260B	05/17/08	1
cis-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	05/17/08	1
trans-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	05/17/08	1
1,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	05/17/08	1
1,1-Dichloropropene	BDL	0.0012	mg/kg	8260B	05/17/08	1
1,3-Dichloropropane	BDL	0.0012	mg/kg	8260B	05/17/08	1
cis-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	05/17/08	1
trans-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	05/17/08	1
2,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	05/17/08	1
Di-isopropyl ether	BDL	0.0012	mg/kg	8260B	05/17/08	1
Ethylbenzene	0.031	0.0012	mg/kg	8260B	05/17/08	1
Hexachlorobutadiene	BDL	0.0012	mg/kg	8260B	05/17/08	1
Isopropylbenzene	BDL	0.0012	mg/kg	8260B	05/17/08	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Christina Breen
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

May 21,2008

Date Received : May 16, 2008
Description : Twin Lakes

Sample ID : AOC 21 L10A

Collected By : CMB-CLD
Collection Date : 05/15/08 10:27

ESC Sample # : L345858-03

Site ID :

Project # : 15416-I

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	3.8	0.058	mg/kg	8260B	05/20/08	46.5
2-Butanone (MEK)	BDL	0.012	mg/kg	8260B	05/17/08	1
Methylene Chloride	BDL	0.0062	mg/kg	8260B	05/17/08	1
4-Methyl-2-pentanone (MIBK)	BDL	0.012	mg/kg	8260B	05/17/08	1
Methyl tert-butyl ether	BDL	0.0012	mg/kg	8260B	05/17/08	1
Naphthalene	BDL	0.0062	mg/kg	8260B	05/17/08	1
n-Propylbenzene	BDL	0.0012	mg/kg	8260B	05/17/08	1
Styrene	BDL	0.0012	mg/kg	8260B	05/17/08	1
1,1,1,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	05/17/08	1
1,1,2,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	05/17/08	1
Tetrachloroethene	BDL	0.0012	mg/kg	8260B	05/17/08	1
Toluene	BDL	0.0062	mg/kg	8260B	05/17/08	1
1,2,3-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	05/17/08	1
1,2,4-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	05/17/08	1
1,1,1-Trichloroethane	BDL	0.0012	mg/kg	8260B	05/17/08	1
1,1,2-Trichloroethane	BDL	0.0012	mg/kg	8260B	05/17/08	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0012	mg/kg	8260B	05/17/08	1
Trichloroethene	BDL	0.0012	mg/kg	8260B	05/17/08	1
Trichlorofluoromethane	BDL	0.0062	mg/kg	8260B	05/17/08	1
1,2,3-Trichloropropane	0.0087	0.0012	mg/kg	8260B	05/17/08	1
1,2,4-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	05/17/08	1
1,3,5-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	05/17/08	1
Vinyl chloride	BDL	0.0012	mg/kg	8260B	05/17/08	1
Xylenes, Total	0.16	0.0037	mg/kg	8260B	05/17/08	1
Surrogate Recovery						
Toluene-d8	96.6		% Rec.	8260B	05/17/08	1
Dibromofluoromethane	99.7		% Rec.	8260B	05/17/08	1
4-Bromofluorobenzene	107.		% Rec.	8260B	05/17/08	1

Results listed are dry weight basis.
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Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Christina Breen
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

May 21,2008

ESC Sample # : L345858-04

Date Received : May 16, 2008
Description : Twin Lakes

Site ID :

Sample ID : AOC 21 L10B

Project # : 15416-I

Collected By : CMB-CLD
Collection Date : 05/15/08 10:30

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	83.8		%	2540G	05/17/08	1
Volatile Organics						
Acetone	BDL	2.8	mg/kg	8260B	05/17/08	46.5
Acrylonitrile	BDL	0.55	mg/kg	8260B	05/17/08	46.5
Benzene	BDL	0.055	mg/kg	8260B	05/17/08	46.5
Bromobenzene	BDL	0.055	mg/kg	8260B	05/17/08	46.5
Bromodichloromethane	BDL	0.055	mg/kg	8260B	05/17/08	46.5
Bromoform	BDL	0.055	mg/kg	8260B	05/17/08	46.5
Bromomethane	BDL	0.28	mg/kg	8260B	05/17/08	46.5
n-Butylbenzene	BDL	0.055	mg/kg	8260B	05/17/08	46.5
sec-Butylbenzene	BDL	0.055	mg/kg	8260B	05/17/08	46.5
tert-Butylbenzene	BDL	0.055	mg/kg	8260B	05/17/08	46.5
Carbon tetrachloride	BDL	0.055	mg/kg	8260B	05/17/08	46.5
Chlorobenzene	BDL	0.055	mg/kg	8260B	05/17/08	46.5
Chlorodibromomethane	BDL	0.055	mg/kg	8260B	05/17/08	46.5
Chloroethane	BDL	0.28	mg/kg	8260B	05/17/08	46.5
2-Chloroethyl vinyl ether	BDL	2.8	mg/kg	8260B	05/17/08	46.5
Chloroform	BDL	0.28	mg/kg	8260B	05/17/08	46.5
Chloromethane	BDL	0.055	mg/kg	8260B	05/17/08	46.5
2-Chlorotoluene	BDL	0.055	mg/kg	8260B	05/17/08	46.5
4-Chlorotoluene	BDL	0.055	mg/kg	8260B	05/17/08	46.5
1,2-Dibromo-3-Chloropropane	BDL	0.28	mg/kg	8260B	05/17/08	46.5
1,2-Dibromoethane	BDL	0.055	mg/kg	8260B	05/17/08	46.5
Dibromomethane	BDL	0.055	mg/kg	8260B	05/17/08	46.5
1,2-Dichlorobenzene	BDL	0.055	mg/kg	8260B	05/17/08	46.5
1,3-Dichlorobenzene	BDL	0.055	mg/kg	8260B	05/17/08	46.5
1,4-Dichlorobenzene	BDL	0.055	mg/kg	8260B	05/17/08	46.5
Dichlorodifluoromethane	BDL	0.28	mg/kg	8260B	05/17/08	46.5
1,1-Dichloroethane	BDL	0.055	mg/kg	8260B	05/17/08	46.5
1,2-Dichloroethane	BDL	0.055	mg/kg	8260B	05/17/08	46.5
1,1-Dichloroethene	BDL	0.055	mg/kg	8260B	05/17/08	46.5
cis-1,2-Dichloroethene	BDL	0.055	mg/kg	8260B	05/17/08	46.5
trans-1,2-Dichloroethene	BDL	0.055	mg/kg	8260B	05/17/08	46.5
1,2-Dichloropropane	BDL	0.055	mg/kg	8260B	05/17/08	46.5
1,1-Dichloropropene	BDL	0.055	mg/kg	8260B	05/17/08	46.5
1,3-Dichloropropane	BDL	0.055	mg/kg	8260B	05/17/08	46.5
cis-1,3-Dichloropropene	BDL	0.055	mg/kg	8260B	05/17/08	46.5
trans-1,3-Dichloropropene	BDL	0.055	mg/kg	8260B	05/17/08	46.5
2,2-Dichloropropane	BDL	0.055	mg/kg	8260B	05/17/08	46.5
Di-isopropyl ether	BDL	0.055	mg/kg	8260B	05/17/08	46.5
Ethylbenzene	BDL	0.055	mg/kg	8260B	05/17/08	46.5
Hexachlorobutadiene	BDL	0.055	mg/kg	8260B	05/17/08	46.5
Isopropylbenzene	BDL	0.055	mg/kg	8260B	05/17/08	46.5

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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L345858-04 (V8260) - Non-target compounds too high to run at a lower dilution.

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REPORT OF ANALYSIS

Christina Breen
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

May 21,2008

ESC Sample # : L345858-04

Site ID :

Project # : 15416-I

Date Received : May 16, 2008
Description : Twin Lakes

Sample ID : AOC 21 L10B

Collected By : CMB-CLD
Collection Date : 05/15/08 10:30

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	2.4	0.055	mg/kg	8260B	05/17/08	46.5
2-Butanone (MEK)	BDL	0.55	mg/kg	8260B	05/17/08	46.5
Methylene Chloride	BDL	0.28	mg/kg	8260B	05/17/08	46.5
4-Methyl-2-pentanone (MIBK)	BDL	0.55	mg/kg	8260B	05/17/08	46.5
Methyl tert-butyl ether	BDL	0.055	mg/kg	8260B	05/17/08	46.5
Naphthalene	BDL	0.28	mg/kg	8260B	05/17/08	46.5
n-Propylbenzene	BDL	0.055	mg/kg	8260B	05/17/08	46.5
Styrene	BDL	0.055	mg/kg	8260B	05/17/08	46.5
1,1,1,2-Tetrachloroethane	BDL	0.055	mg/kg	8260B	05/17/08	46.5
1,1,2,2-Tetrachloroethane	BDL	0.055	mg/kg	8260B	05/17/08	46.5
Tetrachloroethene	BDL	0.055	mg/kg	8260B	05/17/08	46.5
Toluene	BDL	0.28	mg/kg	8260B	05/17/08	46.5
1,2,3-Trichlorobenzene	BDL	0.055	mg/kg	8260B	05/17/08	46.5
1,2,4-Trichlorobenzene	BDL	0.055	mg/kg	8260B	05/17/08	46.5
1,1,1-Trichloroethane	BDL	0.055	mg/kg	8260B	05/17/08	46.5
1,1,2-Trichloroethane	BDL	0.055	mg/kg	8260B	05/17/08	46.5
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.055	mg/kg	8260B	05/17/08	46.5
Trichloroethene	BDL	0.055	mg/kg	8260B	05/17/08	46.5
Trichlorofluoromethane	BDL	0.28	mg/kg	8260B	05/17/08	46.5
1,2,3-Trichloropropane	BDL	0.055	mg/kg	8260B	05/17/08	46.5
1,2,4-Trimethylbenzene	BDL	0.055	mg/kg	8260B	05/17/08	46.5
1,3,5-Trimethylbenzene	BDL	0.055	mg/kg	8260B	05/17/08	46.5
Vinyl chloride	BDL	0.055	mg/kg	8260B	05/17/08	46.5
Xylenes, Total	BDL	0.17	mg/kg	8260B	05/17/08	46.5
Surrogate Recovery						
Toluene-d8	96.9		% Rec.	8260B	05/17/08	46.5
Dibromofluoromethane	93.2		% Rec.	8260B	05/17/08	46.5
4-Bromofluorobenzene	110.		% Rec.	8260B	05/17/08	46.5

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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L345858-04 (V8260) - Non-target compounds too high to run at a lower dilution.

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REPORT OF ANALYSIS

Christina Breen
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

May 21,2008

ESC Sample # : L345858-05

Site ID :

Project # : 15416-I

Date Received : May 16, 2008
Description : Twin Lakes

Sample ID : AOC 21 L11

Collected By : CMB-CLD
Collection Date : 05/15/08 11:40

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	86.8		%	2540G	05/17/08	1
Volatile Organics						
Acetone	0.065	0.058	mg/kg	8260B	05/17/08	1
Acrylonitrile	BDL	0.012	mg/kg	8260B	05/17/08	1
Benzene	BDL	0.0012	mg/kg	8260B	05/17/08	1
Bromobenzene	BDL	0.0012	mg/kg	8260B	05/17/08	1
Bromodichloromethane	BDL	0.0012	mg/kg	8260B	05/17/08	1
Bromoform	BDL	0.0012	mg/kg	8260B	05/17/08	1
Bromomethane	BDL	0.0058	mg/kg	8260B	05/17/08	1
n-Butylbenzene	BDL	0.0012	mg/kg	8260B	05/17/08	1
sec-Butylbenzene	BDL	0.0012	mg/kg	8260B	05/17/08	1
tert-Butylbenzene	BDL	0.0012	mg/kg	8260B	05/17/08	1
Carbon tetrachloride	BDL	0.0012	mg/kg	8260B	05/17/08	1
Chlorobenzene	BDL	0.0012	mg/kg	8260B	05/17/08	1
Chlorodibromomethane	BDL	0.0012	mg/kg	8260B	05/17/08	1
Chloroethane	BDL	0.0058	mg/kg	8260B	05/17/08	1
2-Chloroethyl vinyl ether	BDL	0.058	mg/kg	8260B	05/17/08	1
Chloroform	BDL	0.0058	mg/kg	8260B	05/17/08	1
Chloromethane	BDL	0.0012	mg/kg	8260B	05/17/08	1
2-Chlorotoluene	BDL	0.0012	mg/kg	8260B	05/17/08	1
4-Chlorotoluene	BDL	0.0012	mg/kg	8260B	05/17/08	1
1,2-Dibromo-3-Chloropropane	BDL	0.0058	mg/kg	8260B	05/17/08	1
1,2-Dibromoethane	BDL	0.0012	mg/kg	8260B	05/17/08	1
Dibromomethane	BDL	0.0012	mg/kg	8260B	05/17/08	1
1,2-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	05/17/08	1
1,3-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	05/17/08	1
1,4-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	05/17/08	1
Dichlorodifluoromethane	BDL	0.0058	mg/kg	8260B	05/17/08	1
1,1-Dichloroethane	BDL	0.0012	mg/kg	8260B	05/17/08	1
1,2-Dichloroethane	BDL	0.0012	mg/kg	8260B	05/17/08	1
1,1-Dichloroethene	BDL	0.0012	mg/kg	8260B	05/17/08	1
cis-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	05/17/08	1
trans-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	05/17/08	1
1,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	05/17/08	1
1,1-Dichloropropene	BDL	0.0012	mg/kg	8260B	05/17/08	1
1,3-Dichloropropane	BDL	0.0012	mg/kg	8260B	05/17/08	1
cis-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	05/17/08	1
trans-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	05/17/08	1
2,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	05/17/08	1
Di-isopropyl ether	BDL	0.0012	mg/kg	8260B	05/17/08	1
Ethylbenzene	0.0023	0.0012	mg/kg	8260B	05/17/08	1
Hexachlorobutadiene	BDL	0.0012	mg/kg	8260B	05/17/08	1
Isopropylbenzene	BDL	0.0012	mg/kg	8260B	05/17/08	1

Results listed are dry weight basis.
BDL - Below Detection Limit
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REPORT OF ANALYSIS

Christina Breen
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

May 21,2008

ESC Sample # : L345858-05

Site ID :

Project # : 15416-I

Date Received : May 16, 2008
Description : Twin Lakes

Sample ID : AOC 21 L11

Collected By : CMB-CLD
Collection Date : 05/15/08 11:40

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	0.31	0.052	mg/kg	8260B	05/19/08	45.5
2-Butanone (MEK)	BDL	0.012	mg/kg	8260B	05/17/08	1
Methylene Chloride	BDL	0.0058	mg/kg	8260B	05/17/08	1
4-Methyl-2-pentanone (MIBK)	BDL	0.012	mg/kg	8260B	05/17/08	1
Methyl tert-butyl ether	BDL	0.0012	mg/kg	8260B	05/17/08	1
Naphthalene	BDL	0.0058	mg/kg	8260B	05/17/08	1
n-Propylbenzene	BDL	0.0012	mg/kg	8260B	05/17/08	1
Styrene	BDL	0.0012	mg/kg	8260B	05/17/08	1
1,1,1,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	05/17/08	1
1,1,2,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	05/17/08	1
Tetrachloroethene	BDL	0.0012	mg/kg	8260B	05/17/08	1
Toluene	BDL	0.0058	mg/kg	8260B	05/17/08	1
1,2,3-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	05/17/08	1
1,2,4-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	05/17/08	1
1,1,1-Trichloroethane	BDL	0.0012	mg/kg	8260B	05/17/08	1
1,1,2-Trichloroethane	BDL	0.0012	mg/kg	8260B	05/17/08	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0012	mg/kg	8260B	05/17/08	1
Trichloroethene	BDL	0.0012	mg/kg	8260B	05/17/08	1
Trichlorofluoromethane	BDL	0.0058	mg/kg	8260B	05/17/08	1
1,2,3-Trichloropropane	BDL	0.0012	mg/kg	8260B	05/17/08	1
1,2,4-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	05/17/08	1
1,3,5-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	05/17/08	1
Vinyl chloride	BDL	0.0012	mg/kg	8260B	05/17/08	1
Xylenes, Total	0.012	0.0034	mg/kg	8260B	05/17/08	1
Surrogate Recovery						
Toluene-d8	98.8		% Rec.	8260B	05/17/08	1
Dibromofluoromethane	100.		% Rec.	8260B	05/17/08	1
4-Bromofluorobenzene	111.		% Rec.	8260B	05/17/08	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
This report shall not be reproduced, except in full, without the written approval from ESC.
The reported analytical results relate only to the sample submitted
Reported: 05/21/08 16:48 Printed: 05/21/08 16:49

Summary of Remarks For Samples Printed
05/21/08 at 16:49:22

TSR Signing Reports: 064
R3 - Rush: Two Day

Sample: L345858-01 Account: ECSRTPNC Received: 05/16/08 07:45 Due Date: 05/20/08 00:00 RPT Date: 05/21/08 16:48

Sample: L345858-02 Account: ECSRTPNC Received: 05/16/08 07:45 Due Date: 05/20/08 00:00 RPT Date: 05/21/08 16:48

Sample: L345858-03 Account: ECSRTPNC Received: 05/16/08 07:45 Due Date: 05/20/08 00:00 RPT Date: 05/21/08 16:48

Sample: L345858-04 Account: ECSRTPNC Received: 05/16/08 07:45 Due Date: 05/20/08 00:00 RPT Date: 05/21/08 16:48

Sample: L345858-05 Account: ECSRTPNC Received: 05/16/08 07:45 Due Date: 05/20/08 00:00 RPT Date: 05/21/08 16:48

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L345858

May 21, 2008

Laboratory Blank

Analyte	Result	Units	Date Analyzed	Batch
Total Solids	< .1	%	05/17/08 09:50	WG361594
Total Solids	< .1	%	05/17/08 09:53	WG361596
1,1,1,2-Tetrachloroethane	< .001	mg/kg	05/17/08 14:10	WG361726
1,1,1-Trichloroethane	< .001	mg/kg	05/17/08 14:10	WG361726
1,1,2,2-Tetrachloroethane	< .001	mg/kg	05/17/08 14:10	WG361726
1,1,2-Trichloroethane	< .001	mg/kg	05/17/08 14:10	WG361726
1,1,2-Trichloro-1,2,2-trifluoroethane	< .001	mg/kg	05/17/08 14:10	WG361726
1,1-Dichloroethane	< .001	mg/kg	05/17/08 14:10	WG361726
1,1-Dichloroethene	< .001	mg/kg	05/17/08 14:10	WG361726
1,1-Dichloropropene	< .001	mg/kg	05/17/08 14:10	WG361726
1,2,3-Trichlorobenzene	< .001	mg/kg	05/17/08 14:10	WG361726
1,2,3-Trichloropropane	< .001	mg/kg	05/17/08 14:10	WG361726
1,2,4-Trichlorobenzene	< .001	mg/kg	05/17/08 14:10	WG361726
1,2,4-Trimethylbenzene	< .001	mg/kg	05/17/08 14:10	WG361726
1,2-Dibromo-3-Chloropropane	< .005	mg/kg	05/17/08 14:10	WG361726
1,2-Dibromoethane	< .001	mg/kg	05/17/08 14:10	WG361726
1,2-Dichlorobenzene	< .001	mg/kg	05/17/08 14:10	WG361726
1,2-Dichloroethane	< .001	mg/kg	05/17/08 14:10	WG361726
1,2-Dichloropropane	< .001	mg/kg	05/17/08 14:10	WG361726
1,3,5-Trimethylbenzene	< .001	mg/kg	05/17/08 14:10	WG361726
1,3-Dichlorobenzene	< .001	mg/kg	05/17/08 14:10	WG361726
1,3-Dichloropropane	< .001	mg/kg	05/17/08 14:10	WG361726
1,4-Dichlorobenzene	< .001	mg/kg	05/17/08 14:10	WG361726
2,2-Dichloropropane	< .001	mg/kg	05/17/08 14:10	WG361726
2-Butanone (MEK)	< .01	mg/kg	05/17/08 14:10	WG361726
2-Chloroethyl vinyl ether	< .001	mg/kg	05/17/08 14:10	WG361726
2-Chlorotoluene	< .001	mg/kg	05/17/08 14:10	WG361726
4-Chlorotoluene	< .001	mg/kg	05/17/08 14:10	WG361726
4-Methyl-2-pentanone (MIBK)	< .01	mg/kg	05/17/08 14:10	WG361726
Acetone	< .05	mg/kg	05/17/08 14:10	WG361726
Acrylonitrile	< .01	mg/kg	05/17/08 14:10	WG361726
Benzene	< .001	mg/kg	05/17/08 14:10	WG361726
Bromobenzene	< .001	mg/kg	05/17/08 14:10	WG361726
Bromodichloromethane	< .001	mg/kg	05/17/08 14:10	WG361726
Bromoform	< .001	mg/kg	05/17/08 14:10	WG361726
Bromomethane	< .005	mg/kg	05/17/08 14:10	WG361726
Carbon tetrachloride	< .001	mg/kg	05/17/08 14:10	WG361726
Chlorobenzene	< .001	mg/kg	05/17/08 14:10	WG361726
Chlorodibromomethane	< .001	mg/kg	05/17/08 14:10	WG361726
Chloroethane	< .005	mg/kg	05/17/08 14:10	WG361726
Chloroform	< .005	mg/kg	05/17/08 14:10	WG361726
Chloromethane	< .001	mg/kg	05/17/08 14:10	WG361726
cis-1,2-Dichloroethene	< .001	mg/kg	05/17/08 14:10	WG361726
cis-1,3-Dichloropropene	< .001	mg/kg	05/17/08 14:10	WG361726
Di-isopropyl ether	< .001	mg/kg	05/17/08 14:10	WG361726
Dibromomethane	< .001	mg/kg	05/17/08 14:10	WG361726
Dichlorodifluoromethane	< .005	mg/kg	05/17/08 14:10	WG361726
Ethylbenzene	< .001	mg/kg	05/17/08 14:10	WG361726
Hexachlorobutadiene	< .001	mg/kg	05/17/08 14:10	WG361726
Isopropylbenzene	< .001	mg/kg	05/17/08 14:10	WG361726
Methyl tert-butyl ether	< .001	mg/kg	05/17/08 14:10	WG361726
Methylene Chloride	< .005	mg/kg	05/17/08 14:10	WG361726
n-Butylbenzene	< .001	mg/kg	05/17/08 14:10	WG361726
n-Propylbenzene	< .001	mg/kg	05/17/08 14:10	WG361726
Naphthalene	< .005	mg/kg	05/17/08 14:10	WG361726
p-Isopropyltoluene	< .001	mg/kg	05/17/08 14:10	WG361726
sec-Butylbenzene	< .001	mg/kg	05/17/08 14:10	WG361726
Styrene	< .001	mg/kg	05/17/08 14:10	WG361726

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Level II

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May 21, 2008

tert-Butylbenzene	< .001	mg/kg	05/17/08 14:10	WG361726

Laboratory Blank

Analyte	Result	Units	Date Analyzed	Batch
Tetrachloroethene	< .001	mg/kg	05/17/08 14:10	WG361726
Toluene	< .005	mg/kg	05/17/08 14:10	WG361726
trans-1,2-Dichloroethene	< .001	mg/kg	05/17/08 14:10	WG361726
trans-1,3-Dichloropropene	< .001	mg/kg	05/17/08 14:10	WG361726
Trichloroethene	< .001	mg/kg	05/17/08 14:10	WG361726
Trichlorofluoromethane	< .005	mg/kg	05/17/08 14:10	WG361726
Vinyl chloride	< .001	mg/kg	05/17/08 14:10	WG361726
Xylenes, Total	< .003	mg/kg	05/17/08 14:10	WG361726
p-Isopropyltoluene	< .001	mg/kg	05/19/08 11:05	WG361914
Xylenes, Total	< .003	mg/kg	05/19/08 17:02	WG361959
Xylenes, Total	< .003	mg/kg	05/20/08 12:24	WG362086
p-Isopropyltoluene	< .001	mg/kg	05/20/08 17:26	WG362145

Duplicate

Analyte	Units	Result	Duplicate	RPD	Limit	Ref Samp	Batch
Total Solids	%	88.6	89.3	0.830	5	L345813-13	WG361594
Total Solids	%	84.1	86.8	3.18	5	L345858-05	WG361596

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
Total Solids	%	50	50.0	100.	85-115	WG361594
Total Solids	%	50	50.0	100.	85-115	WG361596
1,1,1,2-Tetrachloroethane	mg/kg	.05	0.0525	105.	73-134	WG361726
1,1,1-Trichloroethane	mg/kg	.05	0.0498	99.7	62-135	WG361726
1,1,2,2-Tetrachloroethane	mg/kg	.05	0.0442	88.5	74-129	WG361726
1,1,2-Trichloroethane	mg/kg	.05	0.0466	93.2	77-124	WG361726
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	.05	0.0487	97.3	49-155	WG361726
1,1-Dichloroethane	mg/kg	.05	0.0501	100.	61-134	WG361726
1,1-Dichloroethene	mg/kg	.05	0.0534	107.	53-136	WG361726
1,1-Dichloropropene	mg/kg	.05	0.0471	94.1	63-132	WG361726
1,2,3-Trichlorobenzene	mg/kg	.05	0.0535	107.	62-146	WG361726
1,2,3-Trichloropropane	mg/kg	.05	0.0449	89.8	70-133	WG361726
1,2,4-Trichlorobenzene	mg/kg	.05	0.0573	115.	61-148	WG361726
1,2,4-Trimethylbenzene	mg/kg	.05	0.0494	98.8	68-135	WG361726
1,2-Dibromo-3-Chloropropane	mg/kg	.05	0.0435	87.1	61-134	WG361726
1,2-Dibromoethane	mg/kg	.05	0.0466	93.1	76-127	WG361726
1,2-Dichlorobenzene	mg/kg	.05	0.0492	98.5	77-123	WG361726
1,2-Dichloroethane	mg/kg	.05	0.0493	98.7	58-141	WG361726
1,2-Dichloropropane	mg/kg	.05	0.0511	102.	71-128	WG361726
1,3,5-Trimethylbenzene	mg/kg	.05	0.0493	98.7	71-133	WG361726
1,3-Dichlorobenzene	mg/kg	.05	0.0493	98.5	71-132	WG361726
1,3-Dichloropropane	mg/kg	.05	0.0479	95.8	76-120	WG361726
1,4-Dichlorobenzene	mg/kg	.05	0.0487	97.4	72-123	WG361726
2,2-Dichloropropane	mg/kg	.05	0.0435	87.0	50-147	WG361726
2-Butanone (MEK)	mg/kg	.25	0.168	67.0	51-131	WG361726
2-Chloroethyl vinyl ether	mg/kg	.25	0.00698	2.79	0-188	WG361726
2-Chlorotoluene	mg/kg	.05	0.0483	96.7	73-128	WG361726
4-Chlorotoluene	mg/kg	.05	0.0496	99.1	72-129	WG361726
4-Methyl-2-pentanone (MIBK)	mg/kg	.25	0.202	80.8	61-143	WG361726
Acetone	mg/kg	.25	0.199	79.5	44-140	WG361726

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Acrylonitrile	mg/kg	.25	0.198	79.1	55-143	WG361726

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
Benzene	mg/kg	.05	0.0456	91.3	65-128	WG361726
Bromobenzene	mg/kg	.05	0.0484	96.8	75-123	WG361726
Bromodichloromethane	mg/kg	.05	0.0514	103.	66-126	WG361726
Bromoform	mg/kg	.05	0.0517	103.	64-139	WG361726
Bromomethane	mg/kg	.05	0.0355	71.0	41-175	WG361726
Carbon tetrachloride	mg/kg	.05	0.0489	97.8	60-140	WG361726
Chlorobenzene	mg/kg	.05	0.0481	96.2	75-125	WG361726
Chlorodibromomethane	mg/kg	.05	0.0527	105.	72-137	WG361726
Chloroethane	mg/kg	.05	0.0435	87.0	44-159	WG361726
Chloroform	mg/kg	.05	0.0464	92.7	63-123	WG361726
Chloromethane	mg/kg	.05	0.0381	76.2	42-149	WG361726
cis-1,2-Dichloroethene	mg/kg	.05	0.0482	96.3	71-129	WG361726
cis-1,3-Dichloropropene	mg/kg	.05	0.0513	103.	73-132	WG361726
Di-isopropyl ether	mg/kg	.05	0.0467	93.3	59-143	WG361726
Dibromomethane	mg/kg	.05	0.0493	98.5	70-130	WG361726
Dichlorodifluoromethane	mg/kg	.05	0.0347	69.4	26-186	WG361726
Ethylbenzene	mg/kg	.05	0.0465	92.9	74-128	WG361726
Hexachlorobutadiene	mg/kg	.05	0.0501	100.	65-137	WG361726
Isopropylbenzene	mg/kg	.05	0.0501	100.	73-130	WG361726
Methyl tert-butyl ether	mg/kg	.05	0.0294	58.8	44-148	WG361726
Methylene Chloride	mg/kg	.05	0.0471	94.2	57-129	WG361726
n-Butylbenzene	mg/kg	.05	0.0501	100.	60-145	WG361726
n-Propylbenzene	mg/kg	.05	0.0485	97.0	71-132	WG361726
Naphthalene	mg/kg	.05	0.0497	99.4	61-142	WG361726
p-Isopropyltoluene	mg/kg	.05	0.0506	101.	67-138	WG361726
sec-Butylbenzene	mg/kg	.05	0.0489	97.7	71-134	WG361726
Styrene	mg/kg	.05	0.0499	99.7	76-133	WG361726
tert-Butylbenzene	mg/kg	.05	0.0488	97.5	72-132	WG361726
Tetrachloroethene	mg/kg	.05	0.0492	98.3	65-135	WG361726
Toluene	mg/kg	.05	0.0457	91.4	70-120	WG361726
trans-1,2-Dichloroethene	mg/kg	.05	0.0481	96.2	61-133	WG361726
trans-1,3-Dichloropropene	mg/kg	.05	0.0506	101.	70-135	WG361726
Trichloroethene	mg/kg	.05	0.0494	98.9	71-126	WG361726
Trichlorofluoromethane	mg/kg	.05	0.0420	84.1	52-147	WG361726
Vinyl chloride	mg/kg	.05	0.0373	74.6	50-151	WG361726
Xylenes, Total	mg/kg	.15	0.143	95.1	74-127	WG361726
p-Isopropyltoluene	mg/kg	.05	0.0518	104.	67-138	WG361914
Xylenes, Total	mg/kg	.15	0.139	92.9	74-127	WG361959
Xylenes, Total	mg/kg	.15	0.145	96.7	74-127	WG362086
p-Isopropyltoluene	mg/kg	.05	0.0446	89.2	67-138	WG362145

Laboratory Control Sample Duplicate

Analyte	Units	LCSD Res	Ref Res	RPD	Limit	%Rec	Batch
1,1,1,2-Tetrachloroethane	mg/kg	0.0569	0.0525	8.02	20	114	WG361726
1,1,1-Trichloroethane	mg/kg	0.0527	0.0498	5.58	20	105	WG361726
1,1,2,2-Tetrachloroethane	mg/kg	0.0474	0.0442	6.92	20	95	WG361726
1,1,2-Trichloroethane	mg/kg	0.0512	0.0466	9.46	20	102	WG361726
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0498	0.0487	2.30	20	100	WG361726
1,1-Dichloroethane	mg/kg	0.0541	0.0501	7.57	20	108	WG361726
1,1-Dichloroethene	mg/kg	0.0546	0.0534	2.16	20	109	WG361726
1,1-Dichloropropene	mg/kg	0.0500	0.0471	6.16	20	100	WG361726
1,2,3-Trichlorobenzene	mg/kg	0.0562	0.0535	4.99	20	112	WG361726
1,2,3-Trichloropropane	mg/kg	0.0499	0.0449	10.6	20	100	WG361726
1,2,4-Trichlorobenzene	mg/kg	0.0585	0.0573	1.98	20	117	WG361726

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1,2,4-Trimethylbenzene	mg/kg	0.0540	0.0494	8.98	20	108	WG361726

Laboratory Control Sample Duplicate

Analyte	Units	LCSD Res	Ref Res	RPD	Limit	%Rec	Batch
1,2-Dibromo-3-Chloropropane	mg/kg	0.0446	0.0435	2.42	21	89	WG361726
1,2-Dibromoethane	mg/kg	0.0502	0.0466	7.57	20	100	WG361726
1,2-Dichlorobenzene	mg/kg	0.0504	0.0492	2.30	20	101	WG361726
1,2-Dichloroethane	mg/kg	0.0521	0.0493	5.55	20	104	WG361726
1,2-Dichloropropane	mg/kg	0.0544	0.0511	6.15	20	109	WG361726
1,3,5-Trimethylbenzene	mg/kg	0.0541	0.0493	9.14	20	108	WG361726
1,3-Dichlorobenzene	mg/kg	0.0543	0.0493	9.63	20	109	WG361726
1,3-Dichloropropane	mg/kg	0.0509	0.0479	6.16	20	102	WG361726
1,4-Dichlorobenzene	mg/kg	0.0504	0.0487	3.31	20	101	WG361726
2,2-Dichloropropane	mg/kg	0.0440	0.0435	1.25	20	88	WG361726
2-Butanone (MEK)	mg/kg	0.174	0.168	3.71	25	70	WG361726
2-Chloroethyl vinyl ether	mg/kg	0.0064	0.0069	8.63	39	3	WG361726
2-Chlorotoluene	mg/kg	0.0524	0.0483	8.04	20	105	WG361726
4-Chlorotoluene	mg/kg	0.0533	0.0496	7.27	20	107	WG361726
4-Methyl-2-pentanone (MIBK)	mg/kg	0.213	0.202	5.35	23	85	WG361726
Acetone	mg/kg	0.201	0.199	1.42	25	81	WG361726
Acrylonitrile	mg/kg	0.207	0.198	4.54	20	83	WG361726
Benzene	mg/kg	0.0494	0.0456	7.94	20	99	WG361726
Bromobenzene	mg/kg	0.0520	0.0484	7.23	20	104	WG361726
Bromodichloromethane	mg/kg	0.0549	0.0514	6.57	20	110	WG361726
Bromoform	mg/kg	0.0568	0.0517	9.42	20	114	WG361726
Bromomethane	mg/kg	0.0390	0.0355	9.44	20	78	WG361726
Carbon tetrachloride	mg/kg	0.0529	0.0489	7.80	20	106	WG361726
Chlorobenzene	mg/kg	0.0533	0.0481	10.3	20	107	WG361726
Chlorodibromomethane	mg/kg	0.0569	0.0527	7.68	20	114	WG361726
Chloroethane	mg/kg	0.0466	0.0435	6.99	20	93	WG361726
Chloroform	mg/kg	0.0489	0.0464	5.34	20	98	WG361726
Chloromethane	mg/kg	0.0417	0.0381	9.00	20	83	WG361726
cis-1,2-Dichloroethene	mg/kg	0.0509	0.0482	5.48	20	102	WG361726
cis-1,3-Dichloropropene	mg/kg	0.0543	0.0513	5.79	20	109	WG361726
Di-isopropyl ether	mg/kg	0.0493	0.0467	5.58	20	99	WG361726
Dibromomethane	mg/kg	0.0526	0.0493	6.54	20	105	WG361726
Dichlorodifluoromethane	mg/kg	0.0364	0.0347	4.88	22	73	WG361726
Ethylbenzene	mg/kg	0.0501	0.0465	7.45	20	100	WG361726
Hexachlorobutadiene	mg/kg	0.0510	0.0501	1.74	20	102	WG361726
Isopropylbenzene	mg/kg	0.0552	0.0501	9.65	20	110	WG361726
Methyl tert-butyl ether	mg/kg	0.0283	0.0294	3.82	20	57	WG361726
Methylene Chloride	mg/kg	0.0483	0.0471	2.59	20	97	WG361726
n-Butylbenzene	mg/kg	0.0509	0.0501	1.57	20	102	WG361726
n-Propylbenzene	mg/kg	0.0531	0.0485	8.97	20	106	WG361726
Naphthalene	mg/kg	0.0522	0.0497	4.99	20	104	WG361726
p-Isopropyltoluene	mg/kg	0.0547	0.0506	7.91	20	109	WG361726
sec-Butylbenzene	mg/kg	0.0536	0.0489	9.24	20	107	WG361726
Styrene	mg/kg	0.0543	0.0499	8.59	20	109	WG361726
tert-Butylbenzene	mg/kg	0.0539	0.0488	9.96	20	108	WG361726
Tetrachloroethene	mg/kg	0.0529	0.0492	7.43	20	106	WG361726
Toluene	mg/kg	0.0492	0.0457	7.47	20	98	WG361726
trans-1,2-Dichloroethene	mg/kg	0.0513	0.0481	6.34	20	103	WG361726
trans-1,3-Dichloropropene	mg/kg	0.0546	0.0506	7.59	20	109	WG361726
Trichloroethene	mg/kg	0.0518	0.0494	4.72	20	104	WG361726
Trichlorofluoromethane	mg/kg	0.0434	0.0420	3.27	20	87	WG361726
Vinyl chloride	mg/kg	0.0400	0.0373	6.99	20	80	WG361726
Xylenes, Total	mg/kg	0.155	0.143	8.42	20	103	WG361726
p-Isopropyltoluene	mg/kg	0.0537	0.0518	3.61	20	107	WG361914
Xylenes, Total	mg/kg	0.152	0.139	8.39	20	101	WG361959
Xylenes, Total	mg/kg	0.141	0.145	2.49	20	94	WG362086

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Quality Assurance Report
Level II

L345858

May 21, 2008

Analyte	Units	Laboratory Control Sample Duplicate LCSD Res	Ref Res	RPD	Limit	%Rec	Batch
p-Isopropyltoluene	mg/kg	0.0449	0.0446	0.617	20	90	WG362145

Analyte	Units	Matrix Spike MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
1,1,1,2-Tetrachloroethane	mg/kg	0.243	0.00	.05	97.1	29-145	L345415-04	WG361726
1,1,1-Trichloroethane	mg/kg	0.237	0.00	.05	94.7	23-147	L345415-04	WG361726
1,1,2,2-Tetrachloroethane	mg/kg	0.207	0.00	.05	83.0	18-150	L345415-04	WG361726
1,1,2-Trichloroethane	mg/kg	0.216	0.00	.05	86.5	35-140	L345415-04	WG361726
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.226	0.00	.05	90.6	10-145	L345415-04	WG361726
1,1-Dichloroethane	mg/kg	0.240	0.00	.05	96.1	24-148	L345415-04	WG361726
1,1-Dichloroethene	mg/kg	0.251	0.00	.05	100.	10-149	L345415-04	WG361726
1,1-Dichloropropene	mg/kg	0.226	0.00	.05	90.5	10-141	L345415-04	WG361726
1,2,3-Trichlorobenzene	mg/kg	0.233	0.00	.05	93.2	10-129	L345415-04	WG361726
1,2,3-Trichloropropane	mg/kg	0.210	0.00	.05	84.0	30-148	L345415-04	WG361726
1,2,4-Trichlorobenzene	mg/kg	0.250	0.00	.05	100.	10-119	L345415-04	WG361726
1,2,4-Trimethylbenzene	mg/kg	0.226	0.00	.05	90.6	10-145	L345415-04	WG361726
1,2-Dibromo-3-Chloropropane	mg/kg	0.206	0.00	.05	82.3	19-145	L345415-04	WG361726
1,2-Dibromoethane	mg/kg	0.218	0.00	.05	87.2	24-145	L345415-04	WG361726
1,2-Dichlorobenzene	mg/kg	0.219	0.00	.05	87.7	12-130	L345415-04	WG361726
1,2-Dichloroethane	mg/kg	0.227	0.00	.05	90.6	21-155	L345415-04	WG361726
1,2-Dichloropropane	mg/kg	0.242	0.00	.05	96.9	28-144	L345415-04	WG361726
1,3,5-Trimethylbenzene	mg/kg	0.225	0.00	.05	90.2	10-135	L345415-04	WG361726
1,3-Dichlorobenzene	mg/kg	0.230	0.00	.05	92.0	10-129	L345415-04	WG361726
1,3-Dichloropropane	mg/kg	0.221	0.00	.05	88.4	31-137	L345415-04	WG361726
1,4-Dichlorobenzene	mg/kg	0.222	0.00	.05	88.8	10-121	L345415-04	WG361726
2,2-Dichloropropane	mg/kg	0.202	0.00	.05	80.7	18-144	L345415-04	WG361726
2-Butanone (MEK)	mg/kg	0.828	0.00	.25	66.2	21-143	L345415-04	WG361726
2-Chloroethyl vinyl ether	mg/kg	0.0341	0.00	.25	2.7	0-176	L345415-04	WG361726
2-Chlorotoluene	mg/kg	0.219	0.00	.05	87.6	10-132	L345415-04	WG361726
4-Chlorotoluene	mg/kg	0.227	0.00	.05	90.6	10-129	L345415-04	WG361726
4-Methyl-2-pentanone (MIBK)	mg/kg	0.984	0.00	.25	78.7	31-151	L345415-04	WG361726
Acetone	mg/kg	1.10	0.00	.25	88.0	13-158	L345415-04	WG361726
Acrylonitrile	mg/kg	0.966	0.00	.25	77.3	20-154	L345415-04	WG361726
Benzene	mg/kg	0.219	0.00	.05	87.7	16-143	L345415-04	WG361726
Bromobenzene	mg/kg	0.220	0.00	.05	88.2	14-135	L345415-04	WG361726
Bromodichloromethane	mg/kg	0.242	0.00	.05	96.7	27-139	L345415-04	WG361726
Bromoform	mg/kg	0.246	0.00	.05	98.6	21-144	L345415-04	WG361726
Bromomethane	mg/kg	0.187	0.00	.05	74.7	0-180	L345415-04	WG361726
Carbon tetrachloride	mg/kg	0.237	0.00	.05	94.8	12-149	L345415-04	WG361726
Chlorobenzene	mg/kg	0.226	0.00	.05	90.6	17-134	L345415-04	WG361726
Chlorodibromomethane	mg/kg	0.245	0.00	.05	98.1	28-147	L345415-04	WG361726
Chloroethane	mg/kg	0.211	0.00	.05	84.4	0-172	L345415-04	WG361726
Chloroform	mg/kg	0.220	0.00	.05	88.0	28-138	L345415-04	WG361726
Chloromethane	mg/kg	0.184	0.00	.05	73.6	10-158	L345415-04	WG361726
cis-1,2-Dichloroethene	mg/kg	0.232	0.00	.05	92.8	21-147	L345415-04	WG361726
cis-1,3-Dichloropropene	mg/kg	0.241	0.00	.05	96.5	17-145	L345415-04	WG361726
Di-isopropyl ether	mg/kg	0.219	0.00	.05	87.5	31-153	L345415-04	WG361726
Dibromomethane	mg/kg	0.229	0.00	.05	91.5	24-147	L345415-04	WG361726
Dichlorodifluoromethane	mg/kg	0.171	0.00	.05	68.3	0-192	L345415-04	WG361726
Ethylbenzene	mg/kg	0.223	0.00	.05	89.1	12-137	L345415-04	WG361726
Hexachlorobutadiene	mg/kg	0.213	0.00	.05	85.3	10-123	L345415-04	WG361726
Isopropylbenzene	mg/kg	0.234	0.00	.05	93.7	14-134	L345415-04	WG361726
Methyl tert-butyl ether	mg/kg	0.137	0.00	.05	54.7	21-157	L345415-04	WG361726
Methylene Chloride	mg/kg	0.253	0.00	.05	101.	12-149	L345415-04	WG361726
n-Butylbenzene	mg/kg	0.220	0.00	.05	88.2	10-130	L345415-04	WG361726
n-Propylbenzene	mg/kg	0.223	0.00	.05	89.3	10-130	L345415-04	WG361726
Naphthalene	mg/kg	0.218	0.00	.05	87.2	0-146	L345415-04	WG361726
p-Isopropyltoluene	mg/kg	0.228	0.00	.05	91.3	10-131	L345415-04	WG361726

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sec-Butylbenzene	mg/kg	0.221	0.00	.05	88.3	10-134	L345415-04	WG361726

Matrix Spike

Analyte	Units	MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
Styrene	mg/kg	0.228	0.00	.05	91.2	10-140	L345415-04	WG361726
tert-Butylbenzene	mg/kg	0.224	0.00	.05	89.8	11-137	L345415-04	WG361726
Tetrachloroethene	mg/kg	0.230	0.00	.05	92.0	10-131	L345415-04	WG361726
Toluene	mg/kg	0.217	0.00	.05	86.9	12-136	L345415-04	WG361726
trans-1,2-Dichloroethene	mg/kg	0.230	0.00	.05	91.9	10-143	L345415-04	WG361726
trans-1,3-Dichloropropene	mg/kg	0.233	0.00	.05	93.2	16-147	L345415-04	WG361726
Trichloroethene	mg/kg	0.231	0.00	.05	92.5	10-155	L345415-04	WG361726
Trichlorofluoromethane	mg/kg	0.204	0.00	.05	81.6	10-154	L345415-04	WG361726
Vinyl chloride	mg/kg	0.179	0.00	.05	71.6	10-159	L345415-04	WG361726
Xylenes, Total	mg/kg	0.663	0.00	.15	88.3	10-138	L345415-04	WG361726
p-Isopropyltoluene	mg/kg	0.255	0.00	.05	102.	10-131	L345536-02	WG361914
Xylenes, Total	mg/kg	0.138	0.0006	.15	91.3	10-138	L344425-15	WG361959
Xylenes, Total	mg/kg	0.652	0.00	.15	86.9	10-138	L345415-02	WG362086
p-Isopropyltoluene	mg/kg	0.206	0.00	.05	82.4	10-131	L345649-01	WG362145

Matrix Spike Duplicate

Analyte	Units	MSD Res	Ref Res	RPD	Limit	%Rec	Ref Samp	Batch
1,1,1,2-Tetrachloroethane	mg/kg	0.255	0.243	4.81	31	102.	L345415-04	WG361726
1,1,1-Trichloroethane	mg/kg	0.243	0.237	2.43	32	97.0	L345415-04	WG361726
1,1,2,2-Tetrachloroethane	mg/kg	0.227	0.207	8.95	33	90.7	L345415-04	WG361726
1,1,2-Trichloroethane	mg/kg	0.231	0.216	6.68	29	92.4	L345415-04	WG361726
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.230	0.226	1.59	35	92.1	L345415-04	WG361726
1,1-Dichloroethane	mg/kg	0.249	0.240	3.69	31	99.7	L345415-04	WG361726
1,1-Dichloroethene	mg/kg	0.259	0.251	3.34	34	104.	L345415-04	WG361726
1,1-Dichloropropene	mg/kg	0.232	0.226	2.60	34	92.9	L345415-04	WG361726
1,2,3-Trichlorobenzene	mg/kg	0.250	0.233	7.11	43	100.	L345415-04	WG361726
1,2,3-Trichloropropane	mg/kg	0.227	0.210	8.01	32	91.0	L345415-04	WG361726
1,2,4-Trichlorobenzene	mg/kg	0.256	0.250	2.14	44	102.	L345415-04	WG361726
1,2,4-Trimethylbenzene	mg/kg	0.237	0.226	4.68	41	94.9	L345415-04	WG361726
1,2-Dibromo-3-Chloropropane	mg/kg	0.222	0.206	7.73	35	88.9	L345415-04	WG361726
1,2-Dibromoethane	mg/kg	0.226	0.218	3.87	31	90.6	L345415-04	WG361726
1,2-Dichlorobenzene	mg/kg	0.234	0.219	6.44	35	93.6	L345415-04	WG361726
1,2-Dichloroethane	mg/kg	0.242	0.227	6.50	29	96.7	L345415-04	WG361726
1,2-Dichloropropane	mg/kg	0.265	0.242	8.88	30	106.	L345415-04	WG361726
1,3,5-Trimethylbenzene	mg/kg	0.235	0.225	4.20	39	94.0	L345415-04	WG361726
1,3-Dichlorobenzene	mg/kg	0.233	0.230	1.37	38	93.2	L345415-04	WG361726
1,3-Dichloropropane	mg/kg	0.236	0.221	6.42	29	94.3	L345415-04	WG361726
1,4-Dichlorobenzene	mg/kg	0.229	0.222	2.88	36	91.4	L345415-04	WG361726
2,2-Dichloropropane	mg/kg	0.207	0.202	2.82	32	83.0	L345415-04	WG361726
2-Butanone (MEK)	mg/kg	0.958	0.828	14.6	37	76.6	L345415-04	WG361726
2-Chloroethyl vinyl ether	mg/kg	0.0272	0.0341	22.4	50	2.18	L345415-04	WG361726
2-Chlorotoluene	mg/kg	0.229	0.219	4.36	37	91.5	L345415-04	WG361726
4-Chlorotoluene	mg/kg	0.235	0.227	3.50	38	93.9	L345415-04	WG361726
4-Methyl-2-pentanone (MIBK)	mg/kg	1.12	0.984	12.9	36	89.6	L345415-04	WG361726
Acetone	mg/kg	1.23	1.10	11.1	34	98.4	L345415-04	WG361726
Acrylonitrile	mg/kg	1.03	0.966	6.89	35	82.8	L345415-04	WG361726
Benzene	mg/kg	0.223	0.219	1.76	31	89.3	L345415-04	WG361726
Bromobenzene	mg/kg	0.228	0.220	3.47	39	91.3	L345415-04	WG361726
Bromodichloromethane	mg/kg	0.257	0.242	6.11	30	103.	L345415-04	WG361726
Bromoform	mg/kg	0.259	0.246	5.11	34	104.	L345415-04	WG361726
Bromomethane	mg/kg	0.183	0.187	1.70	41	73.4	L345415-04	WG361726
Carbon tetrachloride	mg/kg	0.245	0.237	3.11	34	97.8	L345415-04	WG361726
Chlorobenzene	mg/kg	0.235	0.226	3.66	34	94.0	L345415-04	WG361726
Chlorodibromomethane	mg/kg	0.256	0.245	4.23	32	102.	L345415-04	WG361726

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Chloroethane	mg/kg	0.218	0.211	3.11	38	87.1	L345415-04	WG361726

Analyte	Units	Matrix Spike Duplicate MSD Res	Ref Res	RPD	Limit	%Rec	Ref Samp	Batch
Chloroform	mg/kg	0.225	0.220	2.08	30	89.9	L345415-04	WG361726
Chloromethane	mg/kg	0.184	0.184	0.201	35	73.8	L345415-04	WG361726
cis-1,2-Dichloroethene	mg/kg	0.237	0.232	1.92	31	94.6	L345415-04	WG361726
cis-1,3-Dichloropropene	mg/kg	0.251	0.241	3.99	32	100.	L345415-04	WG361726
Di-isopropyl ether	mg/kg	0.233	0.219	6.39	29	93.3	L345415-04	WG361726
Dibromomethane	mg/kg	0.251	0.229	9.32	30	100.	L345415-04	WG361726
Dichlorodifluoromethane	mg/kg	0.165	0.171	3.64	38	65.8	L345415-04	WG361726
Ethylbenzene	mg/kg	0.225	0.223	0.884	36	89.9	L345415-04	WG361726
Hexachlorobutadiene	mg/kg	0.226	0.213	5.92	50	90.5	L345415-04	WG361726
Isopropylbenzene	mg/kg	0.238	0.234	1.71	37	95.3	L345415-04	WG361726
Methyl tert-butyl ether	mg/kg	0.125	0.137	8.78	31	50.1	L345415-04	WG361726
Methylene Chloride	mg/kg	0.228	0.253	10.6	31	91.1	L345415-04	WG361726
n-Butylbenzene	mg/kg	0.228	0.220	3.23	48	91.1	L345415-04	WG361726
n-Propylbenzene	mg/kg	0.229	0.223	2.66	40	91.7	L345415-04	WG361726
Naphthalene	mg/kg	0.243	0.218	10.7	43	97.0	L345415-04	WG361726
p-Isopropyltoluene	mg/kg	0.237	0.228	3.80	43	94.8	L345415-04	WG361726
sec-Butylbenzene	mg/kg	0.228	0.221	3.31	43	91.3	L345415-04	WG361726
Styrene	mg/kg	0.238	0.228	4.26	35	95.2	L345415-04	WG361726
tert-Butylbenzene	mg/kg	0.261	0.224	14.9	39	104.	L345415-04	WG361726
Tetrachloroethene	mg/kg	0.231	0.230	0.626	35	92.6	L345415-04	WG361726
Toluene	mg/kg	0.228	0.217	5.00	32	91.3	L345415-04	WG361726
trans-1,2-Dichloroethene	mg/kg	0.233	0.230	1.35	33	93.1	L345415-04	WG361726
trans-1,3-Dichloropropene	mg/kg	0.253	0.233	8.34	32	101.	L345415-04	WG361726
Trichloroethene	mg/kg	0.241	0.231	4.18	33	96.5	L345415-04	WG361726
Trichlorofluoromethane	mg/kg	0.200	0.204	1.72	32	80.2	L345415-04	WG361726
Vinyl chloride	mg/kg	0.188	0.179	4.93	36	75.2	L345415-04	WG361726
Xylenes, Total	mg/kg	0.686	0.663	3.47	36	91.5	L345415-04	WG361726
p-Isopropyltoluene	mg/kg	0.252	0.255	1.35	43	101.	L345536-02	WG361914
Xylenes, Total	mg/kg	0.132	0.138	4.03	36	87.7	L344425-15	WG361959
Xylenes, Total	mg/kg	0.706	0.652	8.01	36	94.2	L345415-02	WG362086
p-Isopropyltoluene	mg/kg	0.198	0.206	3.66	43	79.4	L345649-01	WG362145

Batch number /Run number / Sample number cross reference

WG361594: R371820: L345858-01 02
WG361596: R371821: L345858-03 04 05
WG361914: R372058: L345858-05
WG361726: R372145: L345858-01 02 03 04 05
WG361959: R372360: L345858-01
WG362086: R372628: L345858-02
WG362145: R372824: L345858-03

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

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ECS Carolinas - Raleigh, NC
Christina Breen
9001 Glenwood Ave

Raleigh, NC 27617-7505

Quality Assurance Report
Level II

L345858

May 21, 2008

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.

APPENDIX E

AOC 22 ANALYTICAL LABORATORY REPORT(S)

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Christina Breen
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave

Raleigh, NC 27617-7505

Report Summary

Wednesday June 11, 2008

Report Number: L349183
Samples Received: 06/07/08
Client Project: 15416-I

Description: Twin Lakes DENR Recommendations

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: Terrie Fudge, ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 09227, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140
NJ - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910

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REPORT OF ANALYSIS

Christina Breen
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

June 11,2008

ESC Sample # : L349183-01

Site ID :

Project # : 15416-I

Date Received : June 07, 2008
Description : Twin Lakes - Xylene

Sample ID : L8A 1.5FT

Collected By : CLD-CMB
Collection Date : 06/06/08 08:49

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	82.7		%	2540G	06/09/08	1
Volatile Organics						
Acetone	BDL	230	mg/kg	8260B	06/08/08	3850
Acrylonitrile	BDL	46.	mg/kg	8260B	06/08/08	3850
Benzene	BDL	4.6	mg/kg	8260B	06/08/08	3850
Bromobenzene	BDL	4.6	mg/kg	8260B	06/08/08	3850
Bromodichloromethane	BDL	4.6	mg/kg	8260B	06/08/08	3850
Bromoform	BDL	4.6	mg/kg	8260B	06/08/08	3850
Bromomethane	BDL	23.	mg/kg	8260B	06/08/08	3850
n-Butylbenzene	BDL	4.6	mg/kg	8260B	06/08/08	3850
sec-Butylbenzene	BDL	4.6	mg/kg	8260B	06/08/08	3850
tert-Butylbenzene	BDL	4.6	mg/kg	8260B	06/08/08	3850
Carbon tetrachloride	BDL	4.6	mg/kg	8260B	06/08/08	3850
Chlorobenzene	BDL	4.6	mg/kg	8260B	06/08/08	3850
Chlorodibromomethane	BDL	4.6	mg/kg	8260B	06/08/08	3850
Chloroethane	BDL	23.	mg/kg	8260B	06/08/08	3850
2-Chloroethyl vinyl ether	BDL	230	mg/kg	8260B	06/08/08	3850
Chloroform	BDL	23.	mg/kg	8260B	06/08/08	3850
Chloromethane	BDL	4.6	mg/kg	8260B	06/08/08	3850
2-Chlorotoluene	BDL	4.6	mg/kg	8260B	06/08/08	3850
4-Chlorotoluene	BDL	4.6	mg/kg	8260B	06/08/08	3850
1,2-Dibromo-3-Chloropropane	BDL	23.	mg/kg	8260B	06/08/08	3850
1,2-Dibromoethane	BDL	4.6	mg/kg	8260B	06/08/08	3850
Dibromomethane	BDL	4.6	mg/kg	8260B	06/08/08	3850
1,2-Dichlorobenzene	BDL	4.6	mg/kg	8260B	06/08/08	3850
1,3-Dichlorobenzene	BDL	4.6	mg/kg	8260B	06/08/08	3850
1,4-Dichlorobenzene	BDL	4.6	mg/kg	8260B	06/08/08	3850
Dichlorodifluoromethane	BDL	23.	mg/kg	8260B	06/08/08	3850
1,1-Dichloroethane	BDL	4.6	mg/kg	8260B	06/08/08	3850
1,2-Dichloroethane	BDL	4.6	mg/kg	8260B	06/08/08	3850
1,1-Dichloroethene	BDL	4.6	mg/kg	8260B	06/08/08	3850
cis-1,2-Dichloroethene	BDL	4.6	mg/kg	8260B	06/08/08	3850
trans-1,2-Dichloroethene	BDL	4.6	mg/kg	8260B	06/08/08	3850
1,2-Dichloropropane	BDL	4.6	mg/kg	8260B	06/08/08	3850
1,1-Dichloropropene	BDL	4.6	mg/kg	8260B	06/08/08	3850
1,3-Dichloropropane	BDL	4.6	mg/kg	8260B	06/08/08	3850
cis-1,3-Dichloropropene	BDL	4.6	mg/kg	8260B	06/08/08	3850
trans-1,3-Dichloropropene	BDL	4.6	mg/kg	8260B	06/08/08	3850
2,2-Dichloropropane	BDL	4.6	mg/kg	8260B	06/08/08	3850
Di-isopropyl ether	BDL	4.6	mg/kg	8260B	06/08/08	3850
Ethylbenzene	930	4.6	mg/kg	8260B	06/08/08	3850
Hexachlorobutadiene	BDL	4.6	mg/kg	8260B	06/08/08	3850
Isopropylbenzene	8.2	4.6	mg/kg	8260B	06/08/08	3850

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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L349183-01 (V8260) - Target compounds too high to run at a lower dilution.

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REPORT OF ANALYSIS

Christina Breen
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

June 11,2008

Date Received : June 07, 2008
Description : Twin Lakes - Xylene

Sample ID : L8A 1.5FT

Collected By : CLD-CMB
Collection Date : 06/06/08 08:49

ESC Sample # : L349183-01

Site ID :

Project # : 15416-I

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	4.6	mg/kg	8260B	06/08/08	3850
2-Butanone (MEK)	BDL	46.	mg/kg	8260B	06/08/08	3850
Methylene Chloride	BDL	23.	mg/kg	8260B	06/08/08	3850
4-Methyl-2-pentanone (MIBK)	BDL	46.	mg/kg	8260B	06/08/08	3850
Methyl tert-butyl ether	BDL	4.6	mg/kg	8260B	06/08/08	3850
Naphthalene	BDL	23.	mg/kg	8260B	06/08/08	3850
n-Propylbenzene	6.1	4.6	mg/kg	8260B	06/08/08	3850
Styrene	BDL	4.6	mg/kg	8260B	06/08/08	3850
1,1,1,2-Tetrachloroethane	BDL	4.6	mg/kg	8260B	06/08/08	3850
1,1,2,2-Tetrachloroethane	BDL	4.6	mg/kg	8260B	06/08/08	3850
Tetrachloroethene	BDL	4.6	mg/kg	8260B	06/08/08	3850
Toluene	BDL	23.	mg/kg	8260B	06/08/08	3850
1,2,3-Trichlorobenzene	BDL	4.6	mg/kg	8260B	06/08/08	3850
1,2,4-Trichlorobenzene	BDL	4.6	mg/kg	8260B	06/08/08	3850
1,1,1-Trichloroethane	BDL	4.6	mg/kg	8260B	06/08/08	3850
1,1,2-Trichloroethane	BDL	4.6	mg/kg	8260B	06/08/08	3850
1,1,2-Trichloro-1,2,2-trifluoro	BDL	4.6	mg/kg	8260B	06/08/08	3850
Trichloroethene	BDL	4.6	mg/kg	8260B	06/08/08	3850
Trichlorofluoromethane	BDL	23.	mg/kg	8260B	06/08/08	3850
1,2,3-Trichloropropane	BDL	4.6	mg/kg	8260B	06/08/08	3850
1,2,4-Trimethylbenzene	BDL	4.6	mg/kg	8260B	06/08/08	3850
1,3,5-Trimethylbenzene	BDL	4.6	mg/kg	8260B	06/08/08	3850
Vinyl chloride	BDL	4.6	mg/kg	8260B	06/08/08	3850
Xylenes, Total	2800	140	mg/kg	8260B	06/10/08	38500
Surrogate Recovery						
Toluene-d8	101.		% Rec.	8260B	06/08/08	3850
Dibromofluoromethane	86.4		% Rec.	8260B	06/08/08	3850
4-Bromofluorobenzene	102.		% Rec.	8260B	06/08/08	3850

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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L349183-01 (V8260) - Target compounds too high to run at a lower dilution.

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REPORT OF ANALYSIS

Christina Breen
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

June 11,2008

Date Received : June 07, 2008
Description : Twin Lakes - Xylene

Sample ID : L8B 3.5FT

Collected By : CLD-CMB
Collection Date : 06/06/08 08:53

ESC Sample # : L349183-02

Site ID :

Project # : 15416-I

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	84.6		%	2540G	06/09/08	1
Volatile Organics						
Acetone	0.98	0.059	mg/kg	8260B	06/08/08	1
Acrylonitrile	BDL	0.012	mg/kg	8260B	06/08/08	1
Benzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
Bromobenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
Bromodichloromethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
Bromoform	BDL	0.0012	mg/kg	8260B	06/08/08	1
Bromomethane	BDL	0.0059	mg/kg	8260B	06/08/08	1
n-Butylbenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
sec-Butylbenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
tert-Butylbenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
Carbon tetrachloride	BDL	0.0012	mg/kg	8260B	06/08/08	1
Chlorobenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
Chlorodibromomethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
Chloroethane	BDL	0.0059	mg/kg	8260B	06/08/08	1
2-Chloroethyl vinyl ether	BDL	0.059	mg/kg	8260B	06/08/08	1
Chloroform	BDL	0.0059	mg/kg	8260B	06/08/08	1
Chloromethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
2-Chlorotoluene	BDL	0.0012	mg/kg	8260B	06/08/08	1
4-Chlorotoluene	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,2-Dibromo-3-Chloropropane	BDL	0.0059	mg/kg	8260B	06/08/08	1
1,2-Dibromoethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
Dibromomethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,2-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,3-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,4-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
Dichlorodifluoromethane	BDL	0.0059	mg/kg	8260B	06/08/08	1
1,1-Dichloroethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,2-Dichloroethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,1-Dichloroethene	BDL	0.0012	mg/kg	8260B	06/08/08	1
cis-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	06/08/08	1
trans-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,1-Dichloropropene	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,3-Dichloropropane	BDL	0.0012	mg/kg	8260B	06/08/08	1
cis-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	06/08/08	1
trans-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	06/08/08	1
2,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	06/08/08	1
Di-isopropyl ether	BDL	0.0012	mg/kg	8260B	06/08/08	1
Ethylbenzene	0.42	0.050	mg/kg	8260B	06/10/08	42.5
Hexachlorobutadiene	BDL	0.0012	mg/kg	8260B	06/08/08	1
Isopropylbenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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REPORT OF ANALYSIS

Christina Breen
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

June 11,2008

ESC Sample # : L349183-02

Site ID :

Project # : 15416-I

Date Received : June 07, 2008
Description : Twin Lakes - Xylene

Sample ID : L8B 3.5FT

Collected By : CLD-CMB
Collection Date : 06/06/08 08:53

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0012	mg/kg	8260B	06/08/08	1
2-Butanone (MEK)	0.22	0.012	mg/kg	8260B	06/08/08	1
Methylene Chloride	BDL	0.0059	mg/kg	8260B	06/08/08	1
4-Methyl-2-pentanone (MIBK)	BDL	0.012	mg/kg	8260B	06/08/08	1
Methyl tert-butyl ether	BDL	0.0012	mg/kg	8260B	06/08/08	1
Naphthalene	BDL	0.0059	mg/kg	8260B	06/08/08	1
n-Propylbenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
Styrene	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,1,1,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,1,2,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
Tetrachloroethene	BDL	0.0012	mg/kg	8260B	06/08/08	1
Toluene	BDL	0.0059	mg/kg	8260B	06/08/08	1
1,2,3-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,2,4-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,1,1-Trichloroethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,1,2-Trichloroethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0012	mg/kg	8260B	06/08/08	1
Trichloroethene	BDL	0.0012	mg/kg	8260B	06/08/08	1
Trichlorofluoromethane	BDL	0.0059	mg/kg	8260B	06/08/08	1
1,2,3-Trichloropropane	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,2,4-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,3,5-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
Vinyl chloride	BDL	0.0012	mg/kg	8260B	06/08/08	1
Xylenes, Total	3.4	0.15	mg/kg	8260B	06/10/08	42.5
Surrogate Recovery						
Toluene-d8	101.		% Rec.	8260B	06/08/08	1
Dibromofluoromethane	94.2		% Rec.	8260B	06/08/08	1
4-Bromofluorobenzene	88.3		% Rec.	8260B	06/08/08	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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The reported analytical results relate only to the sample submitted
Reported: 06/11/08 08:34 Printed: 06/11/08 08:34

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REPORT OF ANALYSIS

Christina Breen
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

June 11,2008

ESC Sample # : L349183-03

Site ID :

Project # : 15416-I

Date Received : June 07, 2008
Description : Twin Lakes - Xylene

Sample ID : L9A 1.5FT

Collected By : CLD-CMB
Collection Date : 06/06/08 09:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	84.2		%	2540G	06/09/08	1
Volatile Organics						
Acrylonitrile	BDL	0.012	mg/kg	8260B	06/08/08	1
Benzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
Bromobenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
Bromodichloromethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
Bromoform	BDL	0.0012	mg/kg	8260B	06/08/08	1
Bromomethane	BDL	0.0059	mg/kg	8260B	06/08/08	1
n-Butylbenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
sec-Butylbenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
tert-Butylbenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
Carbon tetrachloride	BDL	0.0012	mg/kg	8260B	06/08/08	1
Chlorobenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
Chlorodibromomethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
Chloroethane	BDL	0.0059	mg/kg	8260B	06/08/08	1
2-Chloroethyl vinyl ether	BDL	0.059	mg/kg	8260B	06/08/08	1
Chloroform	BDL	0.0059	mg/kg	8260B	06/08/08	1
Chloromethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
2-Chlorotoluene	BDL	0.0012	mg/kg	8260B	06/08/08	1
4-Chlorotoluene	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,2-Dibromo-3-Chloropropane	BDL	0.0059	mg/kg	8260B	06/08/08	1
1,2-Dibromoethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
Dibromomethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,2-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,3-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,4-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
Dichlorodifluoromethane	BDL	0.0059	mg/kg	8260B	06/08/08	1
1,1-Dichloroethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,2-Dichloroethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,1-Dichloroethene	BDL	0.0012	mg/kg	8260B	06/08/08	1
cis-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	06/08/08	1
trans-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,1-Dichloropropene	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,3-Dichloropropane	BDL	0.0012	mg/kg	8260B	06/08/08	1
cis-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	06/08/08	1
trans-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	06/08/08	1
2,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	06/08/08	1
Di-isopropyl ether	BDL	0.0012	mg/kg	8260B	06/08/08	1
Ethylbenzene	0.30	0.091	mg/kg	8260B	06/10/08	77
Hexachlorobutadiene	BDL	0.0012	mg/kg	8260B	06/08/08	1
Isopropylbenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
p-Isopropyltoluene	BDL	0.0012	mg/kg	8260B	06/08/08	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Christina Breen
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

June 11,2008

ESC Sample # : L349183-03

Site ID :

Project # : 15416-I

Date Received : June 07, 2008
Description : Twin Lakes - Xylene

Sample ID : L9A 1.5FT

Collected By : CLD-CMB
Collection Date : 06/06/08 09:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Methylene Chloride	BDL	0.0059	mg/kg	8260B	06/08/08	1
4-Methyl-2-pentanone (MIBK)	BDL	0.012	mg/kg	8260B	06/08/08	1
Methyl tert-butyl ether	BDL	0.0012	mg/kg	8260B	06/08/08	1
Naphthalene	BDL	0.0059	mg/kg	8260B	06/08/08	1
n-Propylbenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
Styrene	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,1,1,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,1,2,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
Tetrachloroethene	BDL	0.0012	mg/kg	8260B	06/08/08	1
Toluene	BDL	0.0059	mg/kg	8260B	06/08/08	1
1,2,3-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,2,4-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,1,1-Trichloroethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,1,2-Trichloroethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0012	mg/kg	8260B	06/08/08	1
Trichloroethene	BDL	0.0012	mg/kg	8260B	06/08/08	1
Trichlorofluoromethane	BDL	0.0059	mg/kg	8260B	06/08/08	1
1,2,3-Trichloropropane	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,2,4-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,3,5-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
Vinyl chloride	BDL	0.0012	mg/kg	8260B	06/08/08	1
Xylenes, Total	2.6	0.27	mg/kg	8260B	06/10/08	77
Surrogate Recovery						
Toluene-d8	103.		% Rec.	8260B	06/08/08	1
Dibromofluoromethane	95.6		% Rec.	8260B	06/08/08	1
4-Bromofluorobenzene	87.9		% Rec.	8260B	06/08/08	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Christina Breen
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

June 11,2008

ESC Sample # : L349183-04

Site ID :

Project # : 15416-I

Date Received : June 07, 2008
Description : Twin Lakes - Xylene

Sample ID : L9B 3.5FT

Collected By : CLD-CMB
Collection Date : 06/06/08 09:06

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	82.3		%	2540G	06/09/08	1
Volatile Organics						
Acetone	0.67	0.061	mg/kg	8260B	06/08/08	1
Acrylonitrile	BDL	0.012	mg/kg	8260B	06/08/08	1
Benzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
Bromobenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
Bromodichloromethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
Bromoform	BDL	0.0012	mg/kg	8260B	06/08/08	1
Bromomethane	BDL	0.0061	mg/kg	8260B	06/08/08	1
n-Butylbenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
sec-Butylbenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
tert-Butylbenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
Carbon tetrachloride	BDL	0.0012	mg/kg	8260B	06/08/08	1
Chlorobenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
Chlorodibromomethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
Chloroethane	BDL	0.0061	mg/kg	8260B	06/08/08	1
2-Chloroethyl vinyl ether	BDL	0.061	mg/kg	8260B	06/08/08	1
Chloroform	BDL	0.0061	mg/kg	8260B	06/08/08	1
Chloromethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
2-Chlorotoluene	BDL	0.0012	mg/kg	8260B	06/08/08	1
4-Chlorotoluene	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,2-Dibromo-3-Chloropropane	BDL	0.0061	mg/kg	8260B	06/08/08	1
1,2-Dibromoethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
Dibromomethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,2-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,3-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,4-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
Dichlorodifluoromethane	BDL	0.0061	mg/kg	8260B	06/08/08	1
1,1-Dichloroethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,2-Dichloroethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,1-Dichloroethene	BDL	0.0012	mg/kg	8260B	06/08/08	1
cis-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	06/08/08	1
trans-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,1-Dichloropropene	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,3-Dichloropropane	BDL	0.0012	mg/kg	8260B	06/08/08	1
cis-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	06/08/08	1
trans-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	06/08/08	1
2,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	06/08/08	1
Di-isopropyl ether	BDL	0.0012	mg/kg	8260B	06/08/08	1
Ethylbenzene	3.7	0.10	mg/kg	8260B	06/10/08	84
Hexachlorobutadiene	BDL	0.0012	mg/kg	8260B	06/08/08	1
Isopropylbenzene	0.0086	0.0012	mg/kg	8260B	06/08/08	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Christina Breen
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

June 11,2008

Date Received : June 07, 2008
Description : Twin Lakes - Xylene

Sample ID : L9B 3.5FT

Collected By : CLD-CMB
Collection Date : 06/06/08 09:06

ESC Sample # : L349183-04

Site ID :

Project # : 15416-I

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0012	mg/kg	8260B	06/08/08	1
2-Butanone (MEK)	0.059	0.012	mg/kg	8260B	06/08/08	1
Methylene Chloride	BDL	0.0061	mg/kg	8260B	06/08/08	1
4-Methyl-2-pentanone (MIBK)	BDL	0.012	mg/kg	8260B	06/08/08	1
Methyl tert-butyl ether	BDL	0.0012	mg/kg	8260B	06/08/08	1
Naphthalene	BDL	0.0061	mg/kg	8260B	06/08/08	1
n-Propylbenzene	0.0042	0.0012	mg/kg	8260B	06/08/08	1
Styrene	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,1,1,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,1,2,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
Tetrachloroethene	BDL	0.0012	mg/kg	8260B	06/08/08	1
Toluene	BDL	0.0061	mg/kg	8260B	06/08/08	1
1,2,3-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,2,4-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,1,1-Trichloroethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,1,2-Trichloroethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0012	mg/kg	8260B	06/08/08	1
Trichloroethene	BDL	0.0012	mg/kg	8260B	06/08/08	1
Trichlorofluoromethane	BDL	0.0061	mg/kg	8260B	06/08/08	1
1,2,3-Trichloropropane	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,2,4-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,3,5-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
Vinyl chloride	BDL	0.0012	mg/kg	8260B	06/08/08	1
Xylenes, Total	18.	0.31	mg/kg	8260B	06/10/08	84
Surrogate Recovery						
Toluene-d8	100.		% Rec.	8260B	06/08/08	1
Dibromofluoromethane	88.9		% Rec.	8260B	06/08/08	1
4-Bromofluorobenzene	80.5		% Rec.	8260B	06/08/08	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Christina Breen
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
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June 11,2008

ESC Sample # : L349183-05

Site ID :

Project # : 15416-I

Date Received : June 07, 2008
Description : Twin Lakes - Xylene

Sample ID : L10A 1.5FT

Collected By : CLD-CMB
Collection Date : 06/06/08 09:20

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	83.3		%	2540G	06/09/08	1
Volatile Organics						
Acetone	BDL	0.060	mg/kg	8260B	06/10/08	1
Acrylonitrile	BDL	0.012	mg/kg	8260B	06/10/08	1
Benzene	BDL	0.0012	mg/kg	8260B	06/10/08	1
Bromobenzene	BDL	0.0012	mg/kg	8260B	06/10/08	1
Bromodichloromethane	BDL	0.0012	mg/kg	8260B	06/10/08	1
Bromoform	BDL	0.0012	mg/kg	8260B	06/10/08	1
Bromomethane	BDL	0.0060	mg/kg	8260B	06/10/08	1
n-Butylbenzene	BDL	0.0012	mg/kg	8260B	06/10/08	1
sec-Butylbenzene	BDL	0.0012	mg/kg	8260B	06/10/08	1
tert-Butylbenzene	BDL	0.0012	mg/kg	8260B	06/10/08	1
Carbon tetrachloride	BDL	0.0012	mg/kg	8260B	06/10/08	1
Chlorobenzene	BDL	0.0012	mg/kg	8260B	06/10/08	1
Chlorodibromomethane	BDL	0.0012	mg/kg	8260B	06/10/08	1
Chloroethane	BDL	0.0060	mg/kg	8260B	06/10/08	1
2-Chloroethyl vinyl ether	BDL	0.060	mg/kg	8260B	06/10/08	1
Chloroform	BDL	0.0060	mg/kg	8260B	06/10/08	1
Chloromethane	BDL	0.0012	mg/kg	8260B	06/10/08	1
2-Chlorotoluene	BDL	0.0012	mg/kg	8260B	06/10/08	1
4-Chlorotoluene	BDL	0.0012	mg/kg	8260B	06/10/08	1
1,2-Dibromo-3-Chloropropane	BDL	0.0060	mg/kg	8260B	06/10/08	1
1,2-Dibromoethane	BDL	0.0012	mg/kg	8260B	06/10/08	1
Dibromomethane	BDL	0.0012	mg/kg	8260B	06/10/08	1
1,2-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	06/10/08	1
1,3-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	06/10/08	1
1,4-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	06/10/08	1
Dichlorodifluoromethane	BDL	0.0060	mg/kg	8260B	06/10/08	1
1,1-Dichloroethane	BDL	0.0012	mg/kg	8260B	06/10/08	1
1,2-Dichloroethane	BDL	0.0012	mg/kg	8260B	06/10/08	1
1,1-Dichloroethene	BDL	0.0012	mg/kg	8260B	06/10/08	1
cis-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	06/10/08	1
trans-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	06/10/08	1
1,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	06/10/08	1
1,1-Dichloropropene	BDL	0.0012	mg/kg	8260B	06/10/08	1
1,3-Dichloropropane	BDL	0.0012	mg/kg	8260B	06/10/08	1
cis-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	06/10/08	1
trans-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	06/10/08	1
2,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	06/10/08	1
Di-isopropyl ether	BDL	0.0012	mg/kg	8260B	06/10/08	1
Ethylbenzene	BDL	0.0012	mg/kg	8260B	06/10/08	1
Hexachlorobutadiene	BDL	0.0012	mg/kg	8260B	06/10/08	1
Isopropylbenzene	BDL	0.0012	mg/kg	8260B	06/10/08	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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L349183-05 (V8260) - ran from soil jar

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REPORT OF ANALYSIS

Christina Breen
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

June 11,2008

ESC Sample # : L349183-05

Site ID :

Project # : 15416-I

Date Received : June 07, 2008
Description : Twin Lakes - Xylene

Sample ID : L10A 1.5FT

Collected By : CLD-CMB
Collection Date : 06/06/08 09:20

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0012	mg/kg	8260B	06/10/08	1
2-Butanone (MEK)	BDL	0.012	mg/kg	8260B	06/10/08	1
Methylene Chloride	BDL	0.0060	mg/kg	8260B	06/10/08	1
4-Methyl-2-pentanone (MIBK)	BDL	0.012	mg/kg	8260B	06/10/08	1
Methyl tert-butyl ether	BDL	0.0012	mg/kg	8260B	06/10/08	1
Naphthalene	BDL	0.0060	mg/kg	8260B	06/10/08	1
n-Propylbenzene	BDL	0.0012	mg/kg	8260B	06/10/08	1
Styrene	BDL	0.0012	mg/kg	8260B	06/10/08	1
1,1,1,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	06/10/08	1
1,1,2,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	06/10/08	1
Tetrachloroethene	BDL	0.0012	mg/kg	8260B	06/10/08	1
Toluene	BDL	0.0060	mg/kg	8260B	06/10/08	1
1,2,3-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	06/10/08	1
1,2,4-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	06/10/08	1
1,1,1-Trichloroethane	BDL	0.0012	mg/kg	8260B	06/10/08	1
1,1,2-Trichloroethane	BDL	0.0012	mg/kg	8260B	06/10/08	1
1,1,2-Trichloro-1,2,2-trifluoro	0.0046	0.0012	mg/kg	8260B	06/10/08	1
Trichloroethene	BDL	0.0012	mg/kg	8260B	06/10/08	1
Trichlorofluoromethane	BDL	0.0060	mg/kg	8260B	06/10/08	1
1,2,3-Trichloropropane	BDL	0.0012	mg/kg	8260B	06/10/08	1
1,2,4-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	06/10/08	1
1,3,5-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	06/10/08	1
Vinyl chloride	BDL	0.0012	mg/kg	8260B	06/10/08	1
Xylenes, Total	BDL	0.0036	mg/kg	8260B	06/10/08	1
Surrogate Recovery						
Toluene-d8	89.9		% Rec.	8260B	06/10/08	1
Dibromofluoromethane	98.9		% Rec.	8260B	06/10/08	1
4-Bromofluorobenzene	105.		% Rec.	8260B	06/10/08	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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L349183-05 (V8260) - ran from soil jar

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REPORT OF ANALYSIS

Christina Breen
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

June 11,2008

ESC Sample # : L349183-06

Site ID :

Project # : 15416-I

Date Received : June 07, 2008
Description : Twin Lakes - Xylene

Sample ID : L10B 3.5FT

Collected By : CLD-CMB
Collection Date : 06/06/08 09:22

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	83.4		%	2540G	06/09/08	1
Volatile Organics						
Acetone	BDL	0.060	mg/kg	8260B	06/08/08	1
Acrylonitrile	BDL	0.012	mg/kg	8260B	06/08/08	1
Benzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
Bromobenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
Bromodichloromethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
Bromoform	BDL	0.0012	mg/kg	8260B	06/08/08	1
Bromomethane	BDL	0.0060	mg/kg	8260B	06/08/08	1
n-Butylbenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
sec-Butylbenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
tert-Butylbenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
Carbon tetrachloride	BDL	0.0012	mg/kg	8260B	06/08/08	1
Chlorobenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
Chlorodibromomethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
Chloroethane	BDL	0.0060	mg/kg	8260B	06/08/08	1
2-Chloroethyl vinyl ether	BDL	0.060	mg/kg	8260B	06/08/08	1
Chloroform	BDL	0.0060	mg/kg	8260B	06/08/08	1
Chloromethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
2-Chlorotoluene	BDL	0.0012	mg/kg	8260B	06/08/08	1
4-Chlorotoluene	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,2-Dibromo-3-Chloropropane	BDL	0.0060	mg/kg	8260B	06/08/08	1
1,2-Dibromoethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
Dibromomethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,2-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,3-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,4-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
Dichlorodifluoromethane	BDL	0.0060	mg/kg	8260B	06/08/08	1
1,1-Dichloroethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,2-Dichloroethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,1-Dichloroethene	BDL	0.0012	mg/kg	8260B	06/08/08	1
cis-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	06/08/08	1
trans-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,1-Dichloropropene	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,3-Dichloropropane	BDL	0.0012	mg/kg	8260B	06/08/08	1
cis-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	06/08/08	1
trans-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	06/08/08	1
2,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	06/08/08	1
Di-isopropyl ether	BDL	0.0012	mg/kg	8260B	06/08/08	1
Ethylbenzene	0.057	0.0012	mg/kg	8260B	06/08/08	1
Hexachlorobutadiene	BDL	0.0012	mg/kg	8260B	06/08/08	1
Isopropylbenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Christina Breen
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

June 11,2008

ESC Sample # : L349183-06

Site ID :

Project # : 15416-I

Date Received : June 07, 2008
Description : Twin Lakes - Xylene

Sample ID : L10B 3.5FT

Collected By : CLD-CMB
Collection Date : 06/06/08 09:22

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0012	mg/kg	8260B	06/08/08	1
2-Butanone (MEK)	BDL	0.012	mg/kg	8260B	06/08/08	1
Methylene Chloride	BDL	0.0060	mg/kg	8260B	06/08/08	1
4-Methyl-2-pentanone (MIBK)	BDL	0.012	mg/kg	8260B	06/08/08	1
Methyl tert-butyl ether	BDL	0.0012	mg/kg	8260B	06/08/08	1
Naphthalene	BDL	0.0060	mg/kg	8260B	06/08/08	1
n-Propylbenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
Styrene	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,1,1,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,1,2,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
Tetrachloroethene	BDL	0.0012	mg/kg	8260B	06/08/08	1
Toluene	BDL	0.0060	mg/kg	8260B	06/08/08	1
1,2,3-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,2,4-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,1,1-Trichloroethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,1,2-Trichloroethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0012	mg/kg	8260B	06/08/08	1
Trichloroethene	BDL	0.0012	mg/kg	8260B	06/08/08	1
Trichlorofluoromethane	BDL	0.0060	mg/kg	8260B	06/08/08	1
1,2,3-Trichloropropane	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,2,4-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,3,5-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
Vinyl chloride	BDL	0.0012	mg/kg	8260B	06/08/08	1
Xylenes, Total	0.46	0.0036	mg/kg	8260B	06/08/08	1
Surrogate Recovery						
Toluene-d8	102.		% Rec.	8260B	06/08/08	1
Dibromofluoromethane	96.1		% Rec.	8260B	06/08/08	1
4-Bromofluorobenzene	93.4		% Rec.	8260B	06/08/08	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Christina Breen
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

June 11,2008

ESC Sample # : L349183-07

Site ID :

Project # : 15416-I

Date Received : June 07, 2008
Description : Twin Lakes - Xylene

Sample ID : L11A 1.5FT

Collected By : CLD-CMB
Collection Date : 06/06/08 10:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	82.6		%	2540G	06/09/08	1
Volatile Organics						
Acetone	BDL	0.060	mg/kg	8260B	06/08/08	1
Acrylonitrile	BDL	0.012	mg/kg	8260B	06/08/08	1
Benzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
Bromobenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
Bromodichloromethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
Bromoform	BDL	0.0012	mg/kg	8260B	06/08/08	1
Bromomethane	BDL	0.0060	mg/kg	8260B	06/08/08	1
n-Butylbenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
sec-Butylbenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
tert-Butylbenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
Carbon tetrachloride	BDL	0.0012	mg/kg	8260B	06/08/08	1
Chlorobenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
Chlorodibromomethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
Chloroethane	BDL	0.0060	mg/kg	8260B	06/08/08	1
2-Chloroethyl vinyl ether	BDL	0.060	mg/kg	8260B	06/08/08	1
Chloroform	BDL	0.0060	mg/kg	8260B	06/08/08	1
Chloromethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
2-Chlorotoluene	BDL	0.0012	mg/kg	8260B	06/08/08	1
4-Chlorotoluene	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,2-Dibromo-3-Chloropropane	BDL	0.0060	mg/kg	8260B	06/08/08	1
1,2-Dibromoethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
Dibromomethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,2-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,3-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,4-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
Dichlorodifluoromethane	BDL	0.0060	mg/kg	8260B	06/08/08	1
1,1-Dichloroethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,2-Dichloroethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,1-Dichloroethene	BDL	0.0012	mg/kg	8260B	06/08/08	1
cis-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	06/08/08	1
trans-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,1-Dichloropropene	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,3-Dichloropropane	BDL	0.0012	mg/kg	8260B	06/08/08	1
cis-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	06/08/08	1
trans-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	06/08/08	1
2,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	06/08/08	1
Di-isopropyl ether	BDL	0.0012	mg/kg	8260B	06/08/08	1
Ethylbenzene	0.020	0.0012	mg/kg	8260B	06/08/08	1
Hexachlorobutadiene	BDL	0.0012	mg/kg	8260B	06/08/08	1
Isopropylbenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Christina Breen
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

June 11,2008

ESC Sample # : L349183-07

Date Received : June 07, 2008
Description : Twin Lakes - Xylene

Site ID :

Sample ID : L11A 1.5FT

Project # : 15416-I

Collected By : CLD-CMB
Collection Date : 06/06/08 10:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0012	mg/kg	8260B	06/08/08	1
2-Butanone (MEK)	BDL	0.012	mg/kg	8260B	06/08/08	1
Methylene Chloride	BDL	0.0060	mg/kg	8260B	06/08/08	1
4-Methyl-2-pentanone (MIBK)	BDL	0.012	mg/kg	8260B	06/08/08	1
Methyl tert-butyl ether	BDL	0.0012	mg/kg	8260B	06/08/08	1
Naphthalene	BDL	0.0060	mg/kg	8260B	06/08/08	1
n-Propylbenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
Styrene	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,1,1,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,1,2,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
Tetrachloroethene	BDL	0.0012	mg/kg	8260B	06/08/08	1
Toluene	BDL	0.0060	mg/kg	8260B	06/08/08	1
1,2,3-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,2,4-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,1,1-Trichloroethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,1,2-Trichloroethane	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0012	mg/kg	8260B	06/08/08	1
Trichloroethene	BDL	0.0012	mg/kg	8260B	06/08/08	1
Trichlorofluoromethane	BDL	0.0060	mg/kg	8260B	06/08/08	1
1,2,3-Trichloropropane	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,2,4-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
1,3,5-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	06/08/08	1
Vinyl chloride	BDL	0.0012	mg/kg	8260B	06/08/08	1
Xylenes, Total	0.12	0.0036	mg/kg	8260B	06/08/08	1
Surrogate Recovery						
Toluene-d8	93.5		% Rec.	8260B	06/08/08	1
Dibromofluoromethane	107.		% Rec.	8260B	06/08/08	1
4-Bromofluorobenzene	115.		% Rec.	8260B	06/08/08	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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Attachment A
List of Analytes with QC Qualifiers

Sample #	Analyte	Qualifier
L349183-01	Bromomethane	J3
	sec-Butylbenzene	J4
	tert-Butylbenzene	J4
	Chloroethane	J3
	Chloromethane	J3
	1,3-Dichlorobenzene	J4
	Dichlorodifluoromethane	J3
	p-Isopropyltoluene	J4
	Methylene Chloride	J3
	1,1,2-Trichloro-1,2,2-trifluoroethane	J3
	Trichlorofluoromethane	J3
	Vinyl chloride	J3
L349183-02	Bromomethane	J3
	sec-Butylbenzene	J4
	tert-Butylbenzene	J4
	Chloroethane	J3
	Chloromethane	J3
	1,3-Dichlorobenzene	J4
	Dichlorodifluoromethane	J3
	p-Isopropyltoluene	J4
	Methylene Chloride	J3
	1,1,2-Trichloro-1,2,2-trifluoroethane	J3
	Trichlorofluoromethane	J3
	Vinyl chloride	J3
L349183-03	Bromomethane	J3
	sec-Butylbenzene	J4
	tert-Butylbenzene	J4
	Chloroethane	J3
	Chloromethane	J3
	1,3-Dichlorobenzene	J4
	Dichlorodifluoromethane	J3
	p-Isopropyltoluene	J4
	Methylene Chloride	J3
	1,1,2-Trichloro-1,2,2-trifluoroethane	J3
	Trichlorofluoromethane	J3
	Vinyl chloride	J3
L349183-04	Bromomethane	J3
	sec-Butylbenzene	J4
	tert-Butylbenzene	J4
	Chloroethane	J3
	Chloromethane	J3
	1,3-Dichlorobenzene	J4
	Dichlorodifluoromethane	J3
	p-Isopropyltoluene	J4
	Methylene Chloride	J3
	1,1,2-Trichloro-1,2,2-trifluoroethane	J3
	Trichlorofluoromethane	J3
	Vinyl chloride	J3
L349183-06	Bromomethane	J3
	sec-Butylbenzene	J4
	tert-Butylbenzene	J4
	Chloroethane	J3
	Chloromethane	J3
	1,3-Dichlorobenzene	J4
	Dichlorodifluoromethane	J3
	p-Isopropyltoluene	J4
	Methylene Chloride	J3
	1,1,2-Trichloro-1,2,2-trifluoroethane	J3
	Trichlorofluoromethane	J3
	Vinyl chloride	J3
L349183-07	Bromomethane	J3
	sec-Butylbenzene	J4
	tert-Butylbenzene	J4
	Chloroethane	J3
	Chloromethane	J3
	1,3-Dichlorobenzene	J4
	Dichlorodifluoromethane	J3
	p-Isopropyltoluene	J4
	Methylene Chloride	J3

Attachment A
List of Analytes with QC Qualifiers

Sample #	Analyte	Qualifier
	1,1,2-Trichloro-1,2,2-trifluoroethane	J3
	Trichlorofluoromethane	J3
	Vinyl chloride	J3

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
J3	The associated batch QC was outside the established quality control range for precision.
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 Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

Summary of Remarks For Samples Printed
06/11/08 at 08:34:53

TSR Signing Reports: 064
R3 - Rush: Two Day

Sample: L349183-01 Account: ECSRTPNC Received: 06/07/08 09:00 Due Date: 06/10/08 00:00 RPT Date: 06/11/08 08:34

Sample: L349183-02 Account: ECSRTPNC Received: 06/07/08 09:00 Due Date: 06/10/08 00:00 RPT Date: 06/11/08 08:34

Sample: L349183-03 Account: ECSRTPNC Received: 06/07/08 09:00 Due Date: 06/10/08 00:00 RPT Date: 06/11/08 08:34

Sample: L349183-04 Account: ECSRTPNC Received: 06/07/08 09:00 Due Date: 06/10/08 00:00 RPT Date: 06/11/08 08:34

Sample: L349183-05 Account: ECSRTPNC Received: 06/07/08 09:00 Due Date: 06/10/08 00:00 RPT Date: 06/11/08 08:34

Sample: L349183-06 Account: ECSRTPNC Received: 06/07/08 09:00 Due Date: 06/10/08 00:00 RPT Date: 06/11/08 08:34

Sample: L349183-07 Account: ECSRTPNC Received: 06/07/08 09:00 Due Date: 06/10/08 00:00 RPT Date: 06/11/08 08:34

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ECS Carolinas - Raleigh, NC
Christina Breen
9001 Glenwood Ave

Raleigh, NC 27617-7505

Quality Assurance Report
Level II

L349183

June 11, 2008

Laboratory Blank

Analyte	Result	Units	Date Analyzed	Batch
Total Solids	< .1	%	06/09/08 14:43	WG365338
1,1,1,2-Tetrachloroethane	< .001	mg/kg	06/08/08 12:34	WG365405
1,1,1-Trichloroethane	< .001	mg/kg	06/08/08 12:34	WG365405
1,1,2,2-Tetrachloroethane	< .001	mg/kg	06/08/08 12:34	WG365405
1,1,2-Trichloroethane	< .001	mg/kg	06/08/08 12:34	WG365405
1,1,2-Trichloro-1,2,2-trifluoroethane	< .001	mg/kg	06/08/08 12:34	WG365405
1,1-Dichloroethane	< .001	mg/kg	06/08/08 12:34	WG365405
1,1-Dichloroethene	< .001	mg/kg	06/08/08 12:34	WG365405
1,1-Dichloropropene	< .001	mg/kg	06/08/08 12:34	WG365405
1,2,3-Trichlorobenzene	< .001	mg/kg	06/08/08 12:34	WG365405
1,2,3-Trichloropropane	< .001	mg/kg	06/08/08 12:34	WG365405
1,2,4-Trichlorobenzene	< .001	mg/kg	06/08/08 12:34	WG365405
1,2,4-Trimethylbenzene	< .001	mg/kg	06/08/08 12:34	WG365405
1,2-Dibromo-3-Chloropropane	< .005	mg/kg	06/08/08 12:34	WG365405
1,2-Dibromoethane	< .001	mg/kg	06/08/08 12:34	WG365405
1,2-Dichlorobenzene	< .001	mg/kg	06/08/08 12:34	WG365405
1,2-Dichloroethane	< .001	mg/kg	06/08/08 12:34	WG365405
1,2-Dichloropropane	< .001	mg/kg	06/08/08 12:34	WG365405
1,3,5-Trimethylbenzene	< .001	mg/kg	06/08/08 12:34	WG365405
1,3-Dichlorobenzene	< .001	mg/kg	06/08/08 12:34	WG365405
1,3-Dichloropropane	< .001	mg/kg	06/08/08 12:34	WG365405
1,4-Dichlorobenzene	< .001	mg/kg	06/08/08 12:34	WG365405
2,2-Dichloropropane	< .001	mg/kg	06/08/08 12:34	WG365405
2-Butanone (MEK)	< .01	mg/kg	06/08/08 12:34	WG365405
2-Chloroethyl vinyl ether	< .001	mg/kg	06/08/08 12:34	WG365405
2-Chlorotoluene	< .001	mg/kg	06/08/08 12:34	WG365405
4-Chlorotoluene	< .001	mg/kg	06/08/08 12:34	WG365405
4-Methyl-2-pentanone (MIBK)	< .01	mg/kg	06/08/08 12:34	WG365405
Acetone	< .05	mg/kg	06/08/08 12:34	WG365405
Acrylonitrile	< .01	mg/kg	06/08/08 12:34	WG365405
Benzene	< .001	mg/kg	06/08/08 12:34	WG365405
Bromobenzene	< .001	mg/kg	06/08/08 12:34	WG365405
Bromodichloromethane	< .001	mg/kg	06/08/08 12:34	WG365405
Bromoform	< .001	mg/kg	06/08/08 12:34	WG365405
Bromomethane	< .005	mg/kg	06/08/08 12:34	WG365405
Carbon tetrachloride	< .001	mg/kg	06/08/08 12:34	WG365405
Chlorobenzene	< .001	mg/kg	06/08/08 12:34	WG365405
Chlorodibromomethane	< .001	mg/kg	06/08/08 12:34	WG365405
Chloroethane	< .005	mg/kg	06/08/08 12:34	WG365405
Chloroform	< .005	mg/kg	06/08/08 12:34	WG365405
Chloromethane	< .001	mg/kg	06/08/08 12:34	WG365405
cis-1,2-Dichloroethene	< .001	mg/kg	06/08/08 12:34	WG365405
cis-1,3-Dichloropropene	< .001	mg/kg	06/08/08 12:34	WG365405
Di-isopropyl ether	< .001	mg/kg	06/08/08 12:34	WG365405
Dibromomethane	< .001	mg/kg	06/08/08 12:34	WG365405
Dichlorodifluoromethane	< .005	mg/kg	06/08/08 12:34	WG365405
Ethylbenzene	< .001	mg/kg	06/08/08 12:34	WG365405
Hexachlorobutadiene	< .001	mg/kg	06/08/08 12:34	WG365405
Isopropylbenzene	< .001	mg/kg	06/08/08 12:34	WG365405
Methyl tert-butyl ether	< .001	mg/kg	06/08/08 12:34	WG365405
Methylene Chloride	< .005	mg/kg	06/08/08 12:34	WG365405
n-Butylbenzene	< .001	mg/kg	06/08/08 12:34	WG365405
n-Propylbenzene	< .001	mg/kg	06/08/08 12:34	WG365405
Naphthalene	< .005	mg/kg	06/08/08 12:34	WG365405
p-Isopropyltoluene	< .001	mg/kg	06/08/08 12:34	WG365405
sec-Butylbenzene	< .001	mg/kg	06/08/08 12:34	WG365405
Styrene	< .001	mg/kg	06/08/08 12:34	WG365405
tert-Butylbenzene	< .001	mg/kg	06/08/08 12:34	WG365405
Tetrachloroethene	< .001	mg/kg	06/08/08 12:34	WG365405

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Quality Assurance Report
Level II

L349183

June 11, 2008

Toluene	< .005	mg/kg	06/08/08 12:34	WG365405

Laboratory Blank

Analyte	Result	Units	Date Analyzed	Batch
trans-1,2-Dichloroethene	< .001	mg/kg	06/08/08 12:34	WG365405
trans-1,3-Dichloropropene	< .001	mg/kg	06/08/08 12:34	WG365405
Trichloroethene	< .001	mg/kg	06/08/08 12:34	WG365405
Trichlorofluoromethane	< .005	mg/kg	06/08/08 12:34	WG365405
Vinyl chloride	< .001	mg/kg	06/08/08 12:34	WG365405
Xylenes, Total	< .003	mg/kg	06/08/08 12:34	WG365405
Ethylbenzene	< .001	mg/kg	06/10/08 00:48	WG365505
Xylenes, Total	< .003	mg/kg	06/10/08 00:48	WG365505
Xylenes, Total	< .003	mg/kg	06/10/08 08:30	WG365595
1,1,1,2-Tetrachloroethane	< .001	mg/kg	06/10/08 15:11	WG365759
1,1,1-Trichloroethane	< .001	mg/kg	06/10/08 15:11	WG365759
1,1,2,2-Tetrachloroethane	< .001	mg/kg	06/10/08 15:11	WG365759
1,1,2-Trichloroethane	< .001	mg/kg	06/10/08 15:11	WG365759
1,1,2-Trichloro-1,2,2-trifluoroethane	< .001	mg/kg	06/10/08 15:11	WG365759
1,1-Dichloroethane	< .001	mg/kg	06/10/08 15:11	WG365759
1,1-Dichloroethene	< .001	mg/kg	06/10/08 15:11	WG365759
1,1-Dichloropropene	< .001	mg/kg	06/10/08 15:11	WG365759
1,2,3-Trichlorobenzene	< .001	mg/kg	06/10/08 15:11	WG365759
1,2,3-Trichloropropane	< .001	mg/kg	06/10/08 15:11	WG365759
1,2,4-Trichlorobenzene	< .001	mg/kg	06/10/08 15:11	WG365759
1,2,4-Trimethylbenzene	< .001	mg/kg	06/10/08 15:11	WG365759
1,2-Dibromo-3-Chloropropane	< .005	mg/kg	06/10/08 15:11	WG365759
1,2-Dibromoethane	< .001	mg/kg	06/10/08 15:11	WG365759
1,2-Dichlorobenzene	< .001	mg/kg	06/10/08 15:11	WG365759
1,2-Dichloroethane	< .001	mg/kg	06/10/08 15:11	WG365759
1,2-Dichloropropane	< .001	mg/kg	06/10/08 15:11	WG365759
1,3,5-Trimethylbenzene	< .001	mg/kg	06/10/08 15:11	WG365759
1,3-Dichlorobenzene	< .001	mg/kg	06/10/08 15:11	WG365759
1,3-Dichloropropane	< .001	mg/kg	06/10/08 15:11	WG365759
1,4-Dichlorobenzene	< .001	mg/kg	06/10/08 15:11	WG365759
2,2-Dichloropropane	< .001	mg/kg	06/10/08 15:11	WG365759
2-Butanone (MEK)	< .01	mg/kg	06/10/08 15:11	WG365759
2-Chloroethyl vinyl ether	< .001	mg/kg	06/10/08 15:11	WG365759
2-Chlorotoluene	< .001	mg/kg	06/10/08 15:11	WG365759
4-Chlorotoluene	< .001	mg/kg	06/10/08 15:11	WG365759
4-Methyl-2-pentanone (MIBK)	< .01	mg/kg	06/10/08 15:11	WG365759
Acetone	< .05	mg/kg	06/10/08 15:11	WG365759
Acrylonitrile	< .01	mg/kg	06/10/08 15:11	WG365759
Benzene	< .001	mg/kg	06/10/08 15:11	WG365759
Bromobenzene	< .001	mg/kg	06/10/08 15:11	WG365759
Bromodichloromethane	< .001	mg/kg	06/10/08 15:11	WG365759
Bromoform	< .001	mg/kg	06/10/08 15:11	WG365759
Bromomethane	< .005	mg/kg	06/10/08 15:11	WG365759
Carbon tetrachloride	< .001	mg/kg	06/10/08 15:11	WG365759
Chlorobenzene	< .001	mg/kg	06/10/08 15:11	WG365759
Chlorodibromomethane	< .001	mg/kg	06/10/08 15:11	WG365759
Chloroethane	< .005	mg/kg	06/10/08 15:11	WG365759
Chloroform	< .005	mg/kg	06/10/08 15:11	WG365759
Chloromethane	< .001	mg/kg	06/10/08 15:11	WG365759
cis-1,2-Dichloroethene	< .001	mg/kg	06/10/08 15:11	WG365759
cis-1,3-Dichloropropene	< .001	mg/kg	06/10/08 15:11	WG365759
Di-isopropyl ether	< .001	mg/kg	06/10/08 15:11	WG365759
Dibromomethane	< .001	mg/kg	06/10/08 15:11	WG365759
Dichlorodifluoromethane	< .005	mg/kg	06/10/08 15:11	WG365759
Ethylbenzene	< .001	mg/kg	06/10/08 15:11	WG365759
Hexachlorobutadiene	< .001	mg/kg	06/10/08 15:11	WG365759

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Level II

L349183

June 11, 2008

Isopropylbenzene	< .001	mg/kg	06/10/08 15:11	WG365759

Laboratory Blank

Analyte	Result	Units	Date Analyzed	Batch
Methyl tert-butyl ether	< .001	mg/kg	06/10/08 15:11	WG365759
Methylene Chloride	< .005	mg/kg	06/10/08 15:11	WG365759
n-Butylbenzene	< .001	mg/kg	06/10/08 15:11	WG365759
n-Propylbenzene	< .001	mg/kg	06/10/08 15:11	WG365759
Naphthalene	< .005	mg/kg	06/10/08 15:11	WG365759
p-Isopropyltoluene	< .001	mg/kg	06/10/08 15:11	WG365759
sec-Butylbenzene	< .001	mg/kg	06/10/08 15:11	WG365759
Styrene	< .001	mg/kg	06/10/08 15:11	WG365759
tert-Butylbenzene	< .001	mg/kg	06/10/08 15:11	WG365759
Tetrachloroethene	< .001	mg/kg	06/10/08 15:11	WG365759
Toluene	< .005	mg/kg	06/10/08 15:11	WG365759
trans-1,2-Dichloroethene	< .001	mg/kg	06/10/08 15:11	WG365759
trans-1,3-Dichloropropene	< .001	mg/kg	06/10/08 15:11	WG365759
Trichloroethene	< .001	mg/kg	06/10/08 15:11	WG365759
Trichlorofluoromethane	< .005	mg/kg	06/10/08 15:11	WG365759
Vinyl chloride	< .001	mg/kg	06/10/08 15:11	WG365759
Xylenes, Total	< .003	mg/kg	06/10/08 15:11	WG365759

Duplicate

Analyte	Units	Result	Duplicate	RPD	Limit	Ref Samp	Batch
Total Solids	%	80.9	81.4	0.574	5	L349203-02	WG365338

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
Total Solids	%	50	50.0	99.9	85-115	WG365338
1,1,1,2-Tetrachloroethane	mg/kg	.05	0.0590	118.	73-134	WG365405
1,1,1-Trichloroethane	mg/kg	.05	0.0507	101.	62-135	WG365405
1,1,2,2-Tetrachloroethane	mg/kg	.05	0.0566	113.	74-129	WG365405
1,1,2-Trichloroethane	mg/kg	.05	0.0509	102.	77-124	WG365405
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	.05	0.0563	113.	49-155	WG365405
1,1-Dichloroethane	mg/kg	.05	0.0486	97.1	61-134	WG365405
1,1-Dichloroethene	mg/kg	.05	0.0557	111.	53-136	WG365405
1,1-Dichloropropene	mg/kg	.05	0.0464	92.7	63-132	WG365405
1,2,3-Trichlorobenzene	mg/kg	.05	0.0486	97.3	62-146	WG365405
1,2,3-Trichloropropane	mg/kg	.05	0.0510	102.	70-133	WG365405
1,2,4-Trichlorobenzene	mg/kg	.05	0.0500	100.	61-148	WG365405
1,2,4-Trimethylbenzene	mg/kg	.05	0.0654	131.	68-135	WG365405
1,2-Dibromo-3-Chloropropane	mg/kg	.05	0.0419	83.8	61-134	WG365405
1,2-Dibromoethane	mg/kg	.05	0.0520	104.	76-127	WG365405
1,2-Dichlorobenzene	mg/kg	.05	0.0481	96.2	77-123	WG365405
1,2-Dichloroethane	mg/kg	.05	0.0393	78.6	58-141	WG365405
1,2-Dichloropropane	mg/kg	.05	0.0411	82.2	71-128	WG365405
1,3,5-Trimethylbenzene	mg/kg	.05	0.0663	133.	71-133	WG365405
1,3-Dichlorobenzene	mg/kg	.05	0.0666	133.	71-132	WG365405
1,3-Dichloropropane	mg/kg	.05	0.0449	89.8	76-120	WG365405
1,4-Dichlorobenzene	mg/kg	.05	0.0476	95.3	72-123	WG365405
2,2-Dichloropropane	mg/kg	.05	0.0522	104.	50-147	WG365405
2-Butanone (MEK)	mg/kg	.25	0.181	72.4	51-131	WG365405
2-Chloroethyl vinyl ether	mg/kg	.25	0.183	73.2	0-188	WG365405
2-Chlorotoluene	mg/kg	.05	0.0629	126.	73-128	WG365405
4-Chlorotoluene	mg/kg	.05	0.0614	123.	72-129	WG365405
4-Methyl-2-pentanone (MIBK)	mg/kg	.25	0.181	72.2	61-143	WG365405
Acetone	mg/kg	.25	0.192	77.0	44-140	WG365405
Acrylonitrile	mg/kg	.25	0.213	85.3	55-143	WG365405
Benzene	mg/kg	.05	0.0465	93.0	65-128	WG365405
Bromobenzene	mg/kg	.05	0.0591	118.	75-123	WG365405

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Level II

L349183

June 11, 2008

Bromodichloromethane	mg/kg	.05	0.0454	90.8	66-126	WG365405

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
Bromoform	mg/kg	.05	0.0515	103.	64-139	WG365405
Bromomethane	mg/kg	.05	0.0545	109.	41-175	WG365405
Carbon tetrachloride	mg/kg	.05	0.0506	101.	60-140	WG365405
Chlorobenzene	mg/kg	.05	0.0563	113.	75-125	WG365405
Chlorodibromomethane	mg/kg	.05	0.0549	110.	72-137	WG365405
Chloroethane	mg/kg	.05	0.0554	111.	44-159	WG365405
Chloroform	mg/kg	.05	0.0462	92.5	63-123	WG365405
Chloromethane	mg/kg	.05	0.0524	105.	42-149	WG365405
cis-1,2-Dichloroethene	mg/kg	.05	0.0528	106.	71-129	WG365405
cis-1,3-Dichloropropene	mg/kg	.05	0.0430	86.0	73-132	WG365405
Di-isopropyl ether	mg/kg	.05	0.0414	82.9	59-143	WG365405
Dibromomethane	mg/kg	.05	0.0441	88.1	70-130	WG365405
Dichlorodifluoromethane	mg/kg	.05	0.0552	110.	26-186	WG365405
Ethylbenzene	mg/kg	.05	0.0585	117.	74-128	WG365405
Hexachlorobutadiene	mg/kg	.05	0.0557	111.	65-137	WG365405
Isopropylbenzene	mg/kg	.05	0.0647	129.	73-130	WG365405
Methyl tert-butyl ether	mg/kg	.05	0.0423	84.5	44-148	WG365405
Methylene Chloride	mg/kg	.05	0.0496	99.3	57-129	WG365405
n-Butylbenzene	mg/kg	.05	0.0512	102.	60-145	WG365405
n-Propylbenzene	mg/kg	.05	0.0642	128.	71-132	WG365405
Naphthalene	mg/kg	.05	0.0453	90.6	61-142	WG365405
p-Isopropyltoluene	mg/kg	.05	0.0699	140.	67-138	WG365405
sec-Butylbenzene	mg/kg	.05	0.0698	140.	71-134	WG365405
Styrene	mg/kg	.05	0.0642	128.	76-133	WG365405
tert-Butylbenzene	mg/kg	.05	0.0671	134.	72-132	WG365405
Tetrachloroethene	mg/kg	.05	0.0567	113.	65-135	WG365405
Toluene	mg/kg	.05	0.0472	94.5	70-120	WG365405
trans-1,2-Dichloroethene	mg/kg	.05	0.0561	112.	61-133	WG365405
trans-1,3-Dichloropropene	mg/kg	.05	0.0412	82.5	70-135	WG365405
Trichloroethene	mg/kg	.05	0.0512	102.	71-126	WG365405
Trichlorofluoromethane	mg/kg	.05	0.0529	106.	52-147	WG365405
Vinyl chloride	mg/kg	.05	0.0558	112.	50-151	WG365405
Xylenes, Total	mg/kg	.15	0.178	119.	74-127	WG365405
Ethylbenzene	mg/kg	.05	0.0556	111.	74-128	WG365505
Xylenes, Total	mg/kg	.15	0.167	111.	74-127	WG365505
Xylenes, Total	mg/kg	.15	0.170	114.	74-127	WG365595
1,1,1,2-Tetrachloroethane	mg/kg	.05	0.0531	106.	73-134	WG365759
1,1,1-Trichloroethane	mg/kg	.05	0.0453	90.5	62-135	WG365759
1,1,2,2-Tetrachloroethane	mg/kg	.05	0.0480	95.9	74-129	WG365759
1,1,2-Trichloroethane	mg/kg	.05	0.0513	103.	77-124	WG365759
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	.05	0.0473	94.6	49-155	WG365759
1,1-Dichloroethane	mg/kg	.05	0.0476	95.3	61-134	WG365759
1,1-Dichloroethene	mg/kg	.05	0.0572	114.	53-136	WG365759
1,1-Dichloropropene	mg/kg	.05	0.0483	96.5	63-132	WG365759
1,2,3-Trichlorobenzene	mg/kg	.05	0.0435	87.0	62-146	WG365759
1,2,3-Trichloropropane	mg/kg	.05	0.0399	79.8	70-133	WG365759
1,2,4-Trichlorobenzene	mg/kg	.05	0.0441	88.2	61-148	WG365759
1,2,4-Trimethylbenzene	mg/kg	.05	0.0516	103.	68-135	WG365759
1,2-Dibromo-3-Chloropropane	mg/kg	.05	0.0425	84.9	61-134	WG365759
1,2-Dibromoethane	mg/kg	.05	0.0523	105.	76-127	WG365759
1,2-Dichlorobenzene	mg/kg	.05	0.0478	95.6	77-123	WG365759
1,2-Dichloroethane	mg/kg	.05	0.0395	79.1	58-141	WG365759
1,2-Dichloropropane	mg/kg	.05	0.0432	86.5	71-128	WG365759
1,3,5-Trimethylbenzene	mg/kg	.05	0.0545	109.	71-133	WG365759
1,3-Dichlorobenzene	mg/kg	.05	0.0508	102.	71-132	WG365759
1,3-Dichloropropane	mg/kg	.05	0.0458	91.6	76-120	WG365759

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Level II

L349183

June 11, 2008

1,4-Dichlorobenzene	mg/kg	.05	0.0452	90.4	72-123	WG365759

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
2,2-Dichloropropane	mg/kg	.05	0.0426	85.1	50-147	WG365759
2-Butanone (MEK)	mg/kg	.25	0.194	77.4	51-131	WG365759
2-Chloroethyl vinyl ether	mg/kg	.25	0.200	79.8	0-188	WG365759
2-Chlorotoluene	mg/kg	.05	0.0520	104.	73-128	WG365759
4-Chlorotoluene	mg/kg	.05	0.0500	100.	72-129	WG365759
4-Methyl-2-pentanone (MIBK)	mg/kg	.25	0.178	71.1	61-143	WG365759
Acetone	mg/kg	.25	0.176	70.5	44-140	WG365759
Acrylonitrile	mg/kg	.25	0.194	77.8	55-143	WG365759
Benzene	mg/kg	.05	0.0472	94.4	65-128	WG365759
Bromobenzene	mg/kg	.05	0.0511	102.	75-123	WG365759
Bromodichloromethane	mg/kg	.05	0.0436	87.2	66-126	WG365759
Bromoform	mg/kg	.05	0.0466	93.3	64-139	WG365759
Bromomethane	mg/kg	.05	0.0502	100.	41-175	WG365759
Carbon tetrachloride	mg/kg	.05	0.0473	94.6	60-140	WG365759
Chlorobenzene	mg/kg	.05	0.0526	105.	75-125	WG365759
Chlorodibromomethane	mg/kg	.05	0.0526	105.	72-137	WG365759
Chloroethane	mg/kg	.05	0.0512	102.	44-159	WG365759
Chloroform	mg/kg	.05	0.0430	85.9	63-123	WG365759
Chloromethane	mg/kg	.05	0.0475	95.0	42-149	WG365759
cis-1,2-Dichloroethene	mg/kg	.05	0.0495	99.0	71-129	WG365759
cis-1,3-Dichloropropene	mg/kg	.05	0.0423	84.6	73-132	WG365759
Di-isopropyl ether	mg/kg	.05	0.0367	73.4	59-143	WG365759
Dibromomethane	mg/kg	.05	0.0437	87.4	70-130	WG365759
Dichlorodifluoromethane	mg/kg	.05	0.0562	112.	26-186	WG365759
Ethylbenzene	mg/kg	.05	0.0519	104.	74-128	WG365759
Hexachlorobutadiene	mg/kg	.05	0.0521	104.	65-137	WG365759
Isopropylbenzene	mg/kg	.05	0.0571	114.	73-130	WG365759
Methyl tert-butyl ether	mg/kg	.05	0.0354	70.8	44-148	WG365759
Methylene Chloride	mg/kg	.05	0.0467	93.5	57-129	WG365759
n-Butylbenzene	mg/kg	.05	0.0485	97.0	60-145	WG365759
n-Propylbenzene	mg/kg	.05	0.0533	107.	71-132	WG365759
Naphthalene	mg/kg	.05	0.0427	85.3	61-142	WG365759
p-Isopropyltoluene	mg/kg	.05	0.0550	110.	67-138	WG365759
sec-Butylbenzene	mg/kg	.05	0.0574	115.	71-134	WG365759
Styrene	mg/kg	.05	0.0548	110.	76-133	WG365759
tert-Butylbenzene	mg/kg	.05	0.0559	112.	72-132	WG365759
Tetrachloroethene	mg/kg	.05	0.0564	113.	65-135	WG365759
Toluene	mg/kg	.05	0.0458	91.6	70-120	WG365759
trans-1,2-Dichloroethene	mg/kg	.05	0.0533	107.	61-133	WG365759
trans-1,3-Dichloropropene	mg/kg	.05	0.0391	78.2	70-135	WG365759
Trichloroethene	mg/kg	.05	0.0539	108.	71-126	WG365759
Trichlorofluoromethane	mg/kg	.05	0.0468	93.6	52-147	WG365759
Vinyl chloride	mg/kg	.05	0.0506	101.	50-151	WG365759
Xylenes, Total	mg/kg	.15	0.156	104.	74-127	WG365759

Laboratory Control Sample Duplicate

Analyte	Units	LCSD Res	Ref Res	RPD	Limit	%Rec	Batch
1,1,1,2-Tetrachloroethane	mg/kg	0.0543	0.0590	8.30	20	109	WG365405
1,1,1-Trichloroethane	mg/kg	0.0435	0.0507	15.4	20	87	WG365405
1,1,2,2-Tetrachloroethane	mg/kg	0.0477	0.0566	17.2	20	95	WG365405
1,1,2-Trichloroethane	mg/kg	0.0509	0.0509	0.129	20	102	WG365405
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0454	0.0563	21.4	20	91	WG365405
1,1-Dichloroethane	mg/kg	0.0423	0.0486	13.7	20	85	WG365405
1,1-Dichloroethene	mg/kg	0.0459	0.0557	19.3	20	92	WG365405
1,1-Dichloropropene	mg/kg	0.0443	0.0464	4.45	20	89	WG365405
1,2,3-Trichlorobenzene	mg/kg	0.0502	0.0486	3.20	20	100	WG365405
1,2,3-Trichloropropane	mg/kg	0.0446	0.0510	13.4	20	89	WG365405
1,2,4-Trichlorobenzene	mg/kg	0.0514	0.0500	2.71	20	103	WG365405

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1,2,4-Trimethylbenzene	mg/kg	0.0554	0.0654	16.6	20	111	WG365405

Laboratory Control Sample Duplicate

Analyte	Units	LCSD Res	Ref Res	RPD	Limit	%Rec	Batch
1,2-Dibromo-3-Chloropropane	mg/kg	0.0413	0.0419	1.40	21	83	WG365405
1,2-Dibromoethane	mg/kg	0.0503	0.0520	3.32	20	101	WG365405
1,2-Dichlorobenzene	mg/kg	0.0481	0.0481	0.0203	20	96	WG365405
1,2-Dichloroethane	mg/kg	0.0370	0.0393	6.02	20	74	WG365405
1,2-Dichloropropane	mg/kg	0.0416	0.0411	1.14	20	83	WG365405
1,3,5-Trimethylbenzene	mg/kg	0.0571	0.0663	14.8	20	114	WG365405
1,3-Dichlorobenzene	mg/kg	0.0551	0.0666	18.9	20	110	WG365405
1,3-Dichloropropane	mg/kg	0.0452	0.0449	0.559	20	90	WG365405
1,4-Dichlorobenzene	mg/kg	0.0481	0.0476	0.878	20	96	WG365405
2,2-Dichloropropane	mg/kg	0.0440	0.0522	17.0	20	88	WG365405
2-Butanone (MEK)	mg/kg	0.175	0.181	3.60	25	70	WG365405
2-Chloroethyl vinyl ether	mg/kg	0.194	0.183	5.98	39	78	WG365405
2-Chlorotoluene	mg/kg	0.0548	0.0629	13.7	20	110	WG365405
4-Chlorotoluene	mg/kg	0.0534	0.0614	14.0	20	107	WG365405
4-Methyl-2-pentanone (MIBK)	mg/kg	0.179	0.181	1.13	23	71	WG365405
Acetone	mg/kg	0.162	0.192	17.2	25	65	WG365405
Acrylonitrile	mg/kg	0.181	0.213	16.3	20	72	WG365405
Benzene	mg/kg	0.0442	0.0465	5.15	20	88	WG365405
Bromobenzene	mg/kg	0.0518	0.0591	13.2	20	104	WG365405
Bromodichloromethane	mg/kg	0.0431	0.0454	5.27	20	86	WG365405
Bromoform	mg/kg	0.0463	0.0515	10.5	20	93	WG365405
Bromomethane	mg/kg	0.0436	0.0545	22.2	20	87	WG365405
Carbon tetrachloride	mg/kg	0.0431	0.0506	15.9	20	86	WG365405
Chlorobenzene	mg/kg	0.0535	0.0563	5.12	20	107	WG365405
Chlorodibromomethane	mg/kg	0.0524	0.0549	4.62	20	105	WG365405
Chloroethane	mg/kg	0.0447	0.0554	21.5	20	89	WG365405
Chloroform	mg/kg	0.0405	0.0462	13.3	20	81	WG365405
Chloromethane	mg/kg	0.0417	0.0524	22.8	20	83	WG365405
cis-1,2-Dichloroethene	mg/kg	0.0461	0.0528	13.6	20	92	WG365405
cis-1,3-Dichloropropene	mg/kg	0.0429	0.0430	0.280	20	86	WG365405
Di-isopropyl ether	mg/kg	0.0372	0.0414	10.7	20	74	WG365405
Dibromomethane	mg/kg	0.0407	0.0441	7.90	20	81	WG365405
Dichlorodifluoromethane	mg/kg	0.0429	0.0552	25.2	22	86	WG365405
Ethylbenzene	mg/kg	0.0571	0.0585	2.51	20	114	WG365405
Hexachlorobutadiene	mg/kg	0.0567	0.0557	1.72	20	113	WG365405
Isopropylbenzene	mg/kg	0.0588	0.0647	9.59	20	118	WG365405
Methyl tert-butyl ether	mg/kg	0.0356	0.0423	17.2	20	71	WG365405
Methylene Chloride	mg/kg	0.0400	0.0496	21.6	20	80	WG365405
n-Butylbenzene	mg/kg	0.0518	0.0512	1.15	20	104	WG365405
n-Propylbenzene	mg/kg	0.0572	0.0642	11.5	20	114	WG365405
Naphthalene	mg/kg	0.0470	0.0453	3.68	20	94	WG365405
p-Isopropyltoluene	mg/kg	0.0587	0.0699	17.4	20	117	WG365405
sec-Butylbenzene	mg/kg	0.0590	0.0698	16.8	20	118	WG365405
Styrene	mg/kg	0.0588	0.0642	8.71	20	118	WG365405
tert-Butylbenzene	mg/kg	0.0574	0.0671	15.5	20	115	WG365405
Tetrachloroethene	mg/kg	0.0572	0.0567	0.836	20	114	WG365405
Toluene	mg/kg	0.0465	0.0472	1.62	20	93	WG365405
trans-1,2-Dichloroethene	mg/kg	0.0469	0.0561	18.0	20	94	WG365405
trans-1,3-Dichloropropene	mg/kg	0.0403	0.0412	2.36	20	81	WG365405
Trichloroethene	mg/kg	0.0499	0.0512	2.48	20	100	WG365405
Trichlorofluoromethane	mg/kg	0.0428	0.0529	21.0	20	86	WG365405
Vinyl chloride	mg/kg	0.0440	0.0558	23.5	20	88	WG365405
Xylenes, Total	mg/kg	0.167	0.178	6.07	20	112	WG365405
Ethylbenzene	mg/kg	0.0546	0.0556	1.98	20	109	WG365505
Xylenes, Total	mg/kg	0.163	0.167	2.08	20	109	WG365505
Xylenes, Total	mg/kg	0.169	0.170	0.509	20	113	WG365595

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1,1,1,2-Tetrachloroethane	mg/kg	0.0523	0.0531	1.50	20	105	WG365759

Laboratory Control Sample Duplicate

Analyte	Units	LCSD Res	Ref Res	RPD	Limit	%Rec	Batch
1,1,1-Trichloroethane	mg/kg	0.0469	0.0453	3.46	20	94	WG365759
1,1,2,2-Tetrachloroethane	mg/kg	0.0432	0.0480	10.5	20	86	WG365759
1,1,2-Trichloroethane	mg/kg	0.0520	0.0513	1.30	20	104	WG365759
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0498	0.0473	5.21	20	100	WG365759
1,1-Dichloroethane	mg/kg	0.0477	0.0476	0.0835	20	95	WG365759
1,1-Dichloroethene	mg/kg	0.0613	0.0572	6.90	20	123	WG365759
1,1-Dichloropropene	mg/kg	0.0495	0.0483	2.47	20	99	WG365759
1,2,3-Trichlorobenzene	mg/kg	0.0467	0.0435	7.18	20	93	WG365759
1,2,3-Trichloropropane	mg/kg	0.0375	0.0399	6.18	20	75	WG365759
1,2,4-Trichlorobenzene	mg/kg	0.0483	0.0441	9.06	20	97	WG365759
1,2,4-Trimethylbenzene	mg/kg	0.0496	0.0516	3.88	20	99	WG365759
1,2-Dibromo-3-Chloropropane	mg/kg	0.0472	0.0425	10.6	21	94	WG365759
1,2-Dibromoethane	mg/kg	0.0513	0.0523	1.95	20	103	WG365759
1,2-Dichlorobenzene	mg/kg	0.0483	0.0478	1.02	20	97	WG365759
1,2-Dichloroethane	mg/kg	0.0396	0.0395	0.142	20	79	WG365759
1,2-Dichloropropane	mg/kg	0.0459	0.0432	5.98	20	92	WG365759
1,3,5-Trimethylbenzene	mg/kg	0.0528	0.0545	3.35	20	106	WG365759
1,3-Dichlorobenzene	mg/kg	0.0490	0.0508	3.54	20	98	WG365759
1,3-Dichloropropane	mg/kg	0.0471	0.0458	2.66	20	94	WG365759
1,4-Dichlorobenzene	mg/kg	0.0456	0.0452	0.903	20	91	WG365759
2,2-Dichloropropane	mg/kg	0.0432	0.0426	1.45	20	86	WG365759
2-Butanone (MEK)	mg/kg	0.194	0.194	0.0954	25	78	WG365759
2-Chloroethyl vinyl ether	mg/kg	0.227	0.200	12.7	39	91	WG365759
2-Chlorotoluene	mg/kg	0.0491	0.0520	5.61	20	98	WG365759
4-Chlorotoluene	mg/kg	0.0482	0.0500	3.68	20	96	WG365759
4-Methyl-2-pentanone (MIBK)	mg/kg	0.204	0.178	13.8	23	82	WG365759
Acetone	mg/kg	0.174	0.176	1.10	25	70	WG365759
Acrylonitrile	mg/kg	0.193	0.194	0.641	20	77	WG365759
Benzene	mg/kg	0.0488	0.0472	3.33	20	98	WG365759
Bromobenzene	mg/kg	0.0494	0.0511	3.38	20	99	WG365759
Bromodichloromethane	mg/kg	0.0442	0.0436	1.45	20	88	WG365759
Bromoform	mg/kg	0.0457	0.0466	2.10	20	91	WG365759
Bromomethane	mg/kg	0.0496	0.0502	1.24	20	99	WG365759
Carbon tetrachloride	mg/kg	0.0488	0.0473	3.16	20	98	WG365759
Chlorobenzene	mg/kg	0.0538	0.0526	2.34	20	108	WG365759
Chlorodibromomethane	mg/kg	0.0515	0.0526	2.07	20	103	WG365759
Chloroethane	mg/kg	0.0512	0.0512	0.0957	20	102	WG365759
Chloroform	mg/kg	0.0425	0.0430	1.21	20	85	WG365759
Chloromethane	mg/kg	0.0471	0.0475	0.880	20	94	WG365759
cis-1,2-Dichloroethene	mg/kg	0.0498	0.0495	0.710	20	100	WG365759
cis-1,3-Dichloropropene	mg/kg	0.0452	0.0423	6.56	20	90	WG365759
Di-isopropyl ether	mg/kg	0.0369	0.0367	0.452	20	74	WG365759
Dibromomethane	mg/kg	0.0439	0.0437	0.331	20	88	WG365759
Dichlorodifluoromethane	mg/kg	0.0542	0.0562	3.52	22	108	WG365759
Ethylbenzene	mg/kg	0.0555	0.0519	6.82	20	111	WG365759
Hexachlorobutadiene	mg/kg	0.0572	0.0521	9.35	20	114	WG365759
Isopropylbenzene	mg/kg	0.0576	0.0571	0.974	20	115	WG365759
Methyl tert-butyl ether	mg/kg	0.0354	0.0354	0.141	20	71	WG365759
Methylene Chloride	mg/kg	0.0466	0.0467	0.247	20	93	WG365759
n-Butylbenzene	mg/kg	0.0495	0.0485	2.00	20	99	WG365759
n-Propylbenzene	mg/kg	0.0531	0.0533	0.419	20	106	WG365759
Naphthalene	mg/kg	0.0475	0.0427	10.7	20	95	WG365759
p-Isopropyltoluene	mg/kg	0.0530	0.0550	3.71	20	106	WG365759
sec-Butylbenzene	mg/kg	0.0553	0.0574	3.72	20	111	WG365759
Styrene	mg/kg	0.0544	0.0548	0.873	20	109	WG365759
tert-Butylbenzene	mg/kg	0.0542	0.0559	3.17	20	108	WG365759
Tetrachloroethene	mg/kg	0.0586	0.0564	3.69	20	117	WG365759
Toluene	mg/kg	0.0513	0.0458	11.2	20	103	WG365759
trans-1,2-Dichloroethene	mg/kg	0.0550	0.0533	3.18	20	110	WG365759

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Analyte	Units	LCSD Res	Ref Res	RPD	Limit	%Rec	Batch
trans-1,3-Dichloropropene	mg/kg	0.0423	0.0391	7.81	20	85	WG365759

Laboratory Control Sample Duplicate

Analyte	Units	LCSD Res	Ref Res	RPD	Limit	%Rec	Batch
Trichloroethene	mg/kg	0.0567	0.0539	5.06	20	113	WG365759
Trichlorofluoromethane	mg/kg	0.0465	0.0468	0.610	20	93	WG365759
Vinyl chloride	mg/kg	0.0511	0.0506	0.828	20	102	WG365759
Xylenes, Total	mg/kg	0.161	0.156	3.39	20	107	WG365759

Matrix Spike

Analyte	Units	MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
1,1,1,2-Tetrachloroethane	mg/kg	0.0514	0.00	.05	103.	29-145	L347911-03	WG365405
1,1,1-Trichloroethane	mg/kg	0.0401	0.00	.05	80.3	23-147	L347911-03	WG365405
1,1,2,2-Tetrachloroethane	mg/kg	0.0551	0.00	.05	110.	18-150	L347911-03	WG365405
1,1,2-Trichloroethane	mg/kg	0.0466	0.00	.05	93.2	35-140	L347911-03	WG365405
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0394	0.00	.05	78.8	10-145	L347911-03	WG365405
1,1-Dichloroethane	mg/kg	0.0402	0.00	.05	80.3	24-148	L347911-03	WG365405
1,1-Dichloroethene	mg/kg	0.0359	0.00	.05	71.7	10-149	L347911-03	WG365405
1,1-Dichloropropene	mg/kg	0.0312	0.00	.05	62.4	10-141	L347911-03	WG365405
1,2,3-Trichlorobenzene	mg/kg	0.0392	0.00	.05	78.4	10-129	L347911-03	WG365405
1,2,3-Trichloropropane	mg/kg	0.0487	0.00	.05	97.4	30-148	L347911-03	WG365405
1,2,4-Trichlorobenzene	mg/kg	0.0402	0.00	.05	80.5	10-119	L347911-03	WG365405
1,2,4-Trimethylbenzene	mg/kg	0.0501	0.00	.05	100.	10-145	L347911-03	WG365405
1,2-Dibromo-3-Chloropropane	mg/kg	0.0419	0.00	.05	83.8	19-145	L347911-03	WG365405
1,2-Dibromoethane	mg/kg	0.0442	0.00	.05	88.4	24-145	L347911-03	WG365405
1,2-Dichlorobenzene	mg/kg	0.0423	0.00	.05	84.5	12-130	L347911-03	WG365405
1,2-Dichloroethane	mg/kg	0.0349	0.00	.05	69.8	21-155	L347911-03	WG365405
1,2-Dichloropropane	mg/kg	0.0359	0.00	.05	71.8	28-144	L347911-03	WG365405
1,3,5-Trimethylbenzene	mg/kg	0.0494	0.00	.05	98.8	10-135	L347911-03	WG365405
1,3-Dichlorobenzene	mg/kg	0.0533	0.00	.05	107.	10-129	L347911-03	WG365405
1,3-Dichloropropane	mg/kg	0.0395	0.00	.05	79.0	31-137	L347911-03	WG365405
1,4-Dichlorobenzene	mg/kg	0.0397	0.0003	.05	78.7	10-121	L347911-03	WG365405
2,2-Dichloropropane	mg/kg	0.0429	0.00	.05	85.8	18-144	L347911-03	WG365405
2-Butanone (MEK)	mg/kg	0.190	0.00	.25	76.0	21-143	L347911-03	WG365405
2-Chloroethyl vinyl ether	mg/kg	0.165	0.00	.25	66.0	0-176	L347911-03	WG365405
2-Chlorotoluene	mg/kg	0.0483	0.00	.05	96.6	10-132	L347911-03	WG365405
4-Chlorotoluene	mg/kg	0.0476	0.00	.05	95.3	10-129	L347911-03	WG365405
4-Methyl-2-pentanone (MIBK)	mg/kg	0.186	0.00	.25	74.4	31-151	L347911-03	WG365405
Acetone	mg/kg	0.252	0.0108	.25	96.3	13-158	L347911-03	WG365405
Acrylonitrile	mg/kg	0.214	0.00	.25	85.5	20-154	L347911-03	WG365405
Benzene	mg/kg	0.0354	0.00	.05	70.7	16-143	L347911-03	WG365405
Bromobenzene	mg/kg	0.0493	0.00	.05	98.7	14-135	L347911-03	WG365405
Bromodichloromethane	mg/kg	0.0404	0.00	.05	80.9	27-139	L347911-03	WG365405
Bromoform	mg/kg	0.0495	0.00	.05	99.0	21-144	L347911-03	WG365405
Bromomethane	mg/kg	0.0341	0.00	.05	68.2	0-180	L347911-03	WG365405
Carbon tetrachloride	mg/kg	0.0365	0.00	.05	73.1	12-149	L347911-03	WG365405
Chlorobenzene	mg/kg	0.0441	0.00	.05	88.2	17-134	L347911-03	WG365405
Chlorodibromomethane	mg/kg	0.0491	0.00	.05	98.3	28-147	L347911-03	WG365405
Chloroethane	mg/kg	0.0360	0.00	.05	72.0	0-172	L347911-03	WG365405
Chloroform	mg/kg	0.0401	0.00	.05	80.3	28-138	L347911-03	WG365405
Chloromethane	mg/kg	0.0300	0.00	.05	60.0	10-158	L347911-03	WG365405
cis-1,2-Dichloroethene	mg/kg	0.0431	0.00	.05	86.3	21-147	L347911-03	WG365405
cis-1,3-Dichloropropene	mg/kg	0.0367	0.00	.05	73.5	17-145	L347911-03	WG365405
Di-isopropyl ether	mg/kg	0.0389	0.00	.05	77.8	31-153	L347911-03	WG365405
Dibromomethane	mg/kg	0.0381	0.00	.05	76.3	24-147	L347911-03	WG365405
Dichlorodifluoromethane	mg/kg	0.0313	0.00	.05	62.6	0-192	L347911-03	WG365405
Ethylbenzene	mg/kg	0.0428	0.00	.05	85.7	12-137	L347911-03	WG365405
Hexachlorobutadiene	mg/kg	0.0391	0.00	.05	78.2	10-123	L347911-03	WG365405
Isopropylbenzene	mg/kg	0.0486	0.00	.05	97.2	14-134	L347911-03	WG365405
Methyl tert-butyl ether	mg/kg	0.0427	0.00	.05	85.5	21-157	L347911-03	WG365405
Methylene Chloride	mg/kg	0.0398	0.00	.05	79.6	12-149	L347911-03	WG365405
n-Butylbenzene	mg/kg	0.0392	0.00	.05	78.5	10-130	L347911-03	WG365405

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n-Propylbenzene	mg/kg	0.0468	0.00	.05	93.6	10-130	L347911-03	WG365405

Analyte	Units	Matrix Spike MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
Naphthalene	mg/kg	0.0416	0.00	.05	83.3	0-146	L347911-03	WG365405
p-Isopropyltoluene	mg/kg	0.0519	0.00	.05	104.	10-131	L347911-03	WG365405
sec-Butylbenzene	mg/kg	0.0526	0.00	.05	105.	10-134	L347911-03	WG365405
Styrene	mg/kg	0.0507	0.00	.05	101.	10-140	L347911-03	WG365405
tert-Butylbenzene	mg/kg	0.0517	0.00	.05	103.	11-137	L347911-03	WG365405
Tetrachloroethene	mg/kg	0.0348	0.00	.05	69.7	10-131	L347911-03	WG365405
Toluene	mg/kg	0.0352	0.00	.05	70.5	12-136	L347911-03	WG365405
trans-1,2-Dichloroethene	mg/kg	0.0354	0.00	.05	70.7	10-143	L347911-03	WG365405
trans-1,3-Dichloropropene	mg/kg	0.0357	0.00	.05	71.5	16-147	L347911-03	WG365405
Trichloroethene	mg/kg	0.0354	0.00	.05	70.9	10-155	L347911-03	WG365405
Trichlorofluoromethane	mg/kg	0.0350	0.00	.05	70.0	10-154	L347911-03	WG365405
Vinyl chloride	mg/kg	0.0320	0.00	.05	64.0	10-159	L347911-03	WG365405
Xylenes, Total	mg/kg	0.130	0.00	.15	86.8	10-138	L347911-03	WG365405
Ethylbenzene	mg/kg	0.302	0.502	.05	0.0	12-137	L348841-09	WG365505
Xylenes, Total	mg/kg	0.389	0.531	.15	0.0	10-138	L348841-09	WG365505
Xylenes, Total	mg/kg	0.774	0.00	.15	103.	10-138	L348850-16	WG365595
1,1,1,2-Tetrachloroethane	mg/kg	0.246	0.00	.05	98.2	29-145	L348346-04	WG365759
1,1,1-Trichloroethane	mg/kg	0.201	0.00	.05	80.3	23-147	L348346-04	WG365759
1,1,2,2-Tetrachloroethane	mg/kg	0.221	0.00	.05	88.3	18-150	L348346-04	WG365759
1,1,2-Trichloroethane	mg/kg	0.234	0.00	.05	93.5	35-140	L348346-04	WG365759
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.192	0.0110	.05	72.4	10-145	L348346-04	WG365759
1,1-Dichloroethane	mg/kg	0.214	0.00	.05	85.5	24-148	L348346-04	WG365759
1,1-Dichloroethene	mg/kg	0.240	0.00	.05	95.8	10-149	L348346-04	WG365759
1,1-Dichloropropene	mg/kg	0.207	0.00	.05	82.8	10-141	L348346-04	WG365759
1,2,3-Trichlorobenzene	mg/kg	0.201	0.00	.05	80.3	10-129	L348346-04	WG365759
1,2,3-Trichloropropane	mg/kg	0.184	0.00	.05	73.6	30-148	L348346-04	WG365759
1,2,4-Trichlorobenzene	mg/kg	0.205	0.00	.05	82.1	10-119	L348346-04	WG365759
1,2,4-Trimethylbenzene	mg/kg	0.234	0.00	.05	93.7	10-145	L348346-04	WG365759
1,2-Dibromo-3-Chloropropane	mg/kg	0.196	0.00	.05	78.5	19-145	L348346-04	WG365759
1,2-Dibromoethane	mg/kg	0.228	0.00	.05	91.2	24-145	L348346-04	WG365759
1,2-Dichlorobenzene	mg/kg	0.218	0.00	.05	87.2	12-130	L348346-04	WG365759
1,2-Dichloroethane	mg/kg	0.178	0.00	.05	71.2	21-155	L348346-04	WG365759
1,2-Dichloropropane	mg/kg	0.196	0.00	.05	78.2	28-144	L348346-04	WG365759
1,3,5-Trimethylbenzene	mg/kg	0.241	0.00	.05	96.4	10-135	L348346-04	WG365759
1,3-Dichlorobenzene	mg/kg	0.233	0.00	.05	93.2	10-129	L348346-04	WG365759
1,3-Dichloropropane	mg/kg	0.208	0.00	.05	83.2	31-137	L348346-04	WG365759
1,4-Dichlorobenzene	mg/kg	0.205	0.00	.05	82.0	10-121	L348346-04	WG365759
2,2-Dichloropropane	mg/kg	0.217	0.00	.05	86.7	18-144	L348346-04	WG365759
2-Butanone (MEK)	mg/kg	0.870	0.00	.25	69.6	21-143	L348346-04	WG365759
2-Chloroethyl vinyl ether	mg/kg	0.913	0.00	.25	73.1	0-176	L348346-04	WG365759
2-Chlorotoluene	mg/kg	0.230	0.00	.05	92.1	10-132	L348346-04	WG365759
4-Chlorotoluene	mg/kg	0.225	0.00	.05	90.1	10-129	L348346-04	WG365759
4-Methyl-2-pentanone (MIBK)	mg/kg	0.820	0.00	.25	65.6	31-151	L348346-04	WG365759
Acetone	mg/kg	0.786	0.00	.25	62.9	13-158	L348346-04	WG365759
Acrylonitrile	mg/kg	0.869	0.00	.25	69.6	20-154	L348346-04	WG365759
Benzene	mg/kg	0.211	0.00	.05	84.6	16-143	L348346-04	WG365759
Bromobenzene	mg/kg	0.232	0.00	.05	92.8	14-135	L348346-04	WG365759
Bromodichloromethane	mg/kg	0.199	0.00	.05	79.4	27-139	L348346-04	WG365759
Bromoform	mg/kg	0.214	0.00	.05	85.7	21-144	L348346-04	WG365759
Bromomethane	mg/kg	0.187	0.00	.05	74.9	0-180	L348346-04	WG365759
Carbon tetrachloride	mg/kg	0.202	0.00	.05	80.7	12-149	L348346-04	WG365759
Chlorobenzene	mg/kg	0.238	0.00	.05	95.1	17-134	L348346-04	WG365759
Chlorodibromomethane	mg/kg	0.237	0.00	.05	94.8	28-147	L348346-04	WG365759
Chloroethane	mg/kg	0.190	0.00	.05	76.1	0-172	L348346-04	WG365759
Chloroform	mg/kg	0.198	0.00	.05	79.1	28-138	L348346-04	WG365759
Chloromethane	mg/kg	0.159	0.00	.05	63.6	10-158	L348346-04	WG365759

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Level II

L349183

June 11, 2008

cis-1,2-Dichloroethene	mg/kg	0.222	0.00	.05	88.7	21-147	L348346-04	WG365759

Matrix Spike

Analyte	Units	MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
cis-1,3-Dichloropropene	mg/kg	0.202	0.00	.05	80.8	17-145	L348346-04	WG365759
Di-isopropyl ether	mg/kg	0.170	0.00	.05	68.1	31-153	L348346-04	WG365759
Dibromomethane	mg/kg	0.191	0.00	.05	76.5	24-147	L348346-04	WG365759
Dichlorodifluoromethane	mg/kg	0.135	0.00	.05	54.1	0-192	L348346-04	WG365759
Ethylbenzene	mg/kg	0.238	0.00	.05	95.1	12-137	L348346-04	WG365759
Hexachlorobutadiene	mg/kg	0.233	0.00	.05	93.1	10-123	L348346-04	WG365759
Isopropylbenzene	mg/kg	0.253	0.00	.05	101.	14-134	L348346-04	WG365759
Methyl tert-butyl ether	mg/kg	0.160	0.00	.05	64.1	21-157	L348346-04	WG365759
Methylene Chloride	mg/kg	0.208	0.00	.05	83.4	12-149	L348346-04	WG365759
n-Butylbenzene	mg/kg	0.216	0.00	.05	86.4	10-130	L348346-04	WG365759
n-Propylbenzene	mg/kg	0.236	0.00	.05	94.2	10-130	L348346-04	WG365759
Naphthalene	mg/kg	0.201	0.00	.05	80.3	0-146	L348346-04	WG365759
p-Isopropyltoluene	mg/kg	0.243	0.00	.05	97.4	10-131	L348346-04	WG365759
sec-Butylbenzene	mg/kg	0.251	0.00	.05	100.	10-134	L348346-04	WG365759
Styrene	mg/kg	0.246	0.00	.05	98.6	10-140	L348346-04	WG365759
tert-Butylbenzene	mg/kg	0.249	0.00	.05	99.6	11-137	L348346-04	WG365759
Tetrachloroethene	mg/kg	0.236	0.00	.05	94.6	10-131	L348346-04	WG365759
Toluene	mg/kg	0.206	0.00	.05	82.5	12-136	L348346-04	WG365759
trans-1,2-Dichloroethene	mg/kg	0.228	0.00	.05	91.0	10-143	L348346-04	WG365759
trans-1,3-Dichloropropene	mg/kg	0.189	0.00	.05	75.6	16-147	L348346-04	WG365759
Trichloroethene	mg/kg	0.233	0.00	.05	93.2	10-155	L348346-04	WG365759
Trichlorofluoromethane	mg/kg	0.169	0.00	.05	67.5	10-154	L348346-04	WG365759
Vinyl chloride	mg/kg	0.173	0.00	.05	69.2	10-159	L348346-04	WG365759
Xylenes, Total	mg/kg	0.703	0.00	.15	93.7	10-138	L348346-04	WG365759

Matrix Spike Duplicate

Analyte	Units	MSD Res	Ref Res	RPD	Limit	%Rec	Ref Samp	Batch
1,1,1,2-Tetrachloroethane	mg/kg	0.0460	0.0514	11.2	31	91.9	L347911-03	WG365405
1,1,1-Trichloroethane	mg/kg	0.0343	0.0401	15.8	32	68.5	L347911-03	WG365405
1,1,2,2-Tetrachloroethane	mg/kg	0.0449	0.0551	20.4	33	89.8	L347911-03	WG365405
1,1,2-Trichloroethane	mg/kg	0.0467	0.0466	0.164	29	93.3	L347911-03	WG365405
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0327	0.0394	18.7	35	65.3	L347911-03	WG365405
1,1-Dichloroethane	mg/kg	0.0340	0.0402	16.5	31	68.1	L347911-03	WG365405
1,1-Dichloroethene	mg/kg	0.0296	0.0359	19.0	34	59.3	L347911-03	WG365405
1,1-Dichloropropene	mg/kg	0.0290	0.0312	7.13	34	58.1	L347911-03	WG365405
1,2,3-Trichlorobenzene	mg/kg	0.0412	0.0392	4.98	43	82.4	L347911-03	WG365405
1,2,3-Trichloropropane	mg/kg	0.0412	0.0487	16.6	32	82.5	L347911-03	WG365405
1,2,4-Trichlorobenzene	mg/kg	0.0413	0.0402	2.57	44	82.6	L347911-03	WG365405
1,2,4-Trimethylbenzene	mg/kg	0.0406	0.0501	20.8	41	81.3	L347911-03	WG365405
1,2-Dibromo-3-Chloropropane	mg/kg	0.0432	0.0419	3.02	35	86.4	L347911-03	WG365405
1,2-Dibromoethane	mg/kg	0.0424	0.0442	4.20	31	84.8	L347911-03	WG365405
1,2-Dichlorobenzene	mg/kg	0.0423	0.0423	0.0236	35	84.5	L347911-03	WG365405
1,2-Dichloroethane	mg/kg	0.0317	0.0349	9.74	29	63.3	L347911-03	WG365405
1,2-Dichloropropane	mg/kg	0.0361	0.0359	0.415	30	72.1	L347911-03	WG365405
1,3,5-Trimethylbenzene	mg/kg	0.0415	0.0494	17.4	39	83.0	L347911-03	WG365405
1,3-Dichlorobenzene	mg/kg	0.0429	0.0533	21.6	38	85.8	L347911-03	WG365405
1,3-Dichloropropane	mg/kg	0.0405	0.0395	2.42	29	81.0	L347911-03	WG365405
1,4-Dichlorobenzene	mg/kg	0.0400	0.0397	0.686	36	79.3	L347911-03	WG365405
2,2-Dichloropropane	mg/kg	0.0361	0.0429	17.2	32	72.2	L347911-03	WG365405
2-Butanone (MEK)	mg/kg	0.182	0.190	4.47	37	72.7	L347911-03	WG365405
2-Chloroethyl vinyl ether	mg/kg	0.194	0.165	16.2	50	77.7	L347911-03	WG365405
2-Chlorotoluene	mg/kg	0.0410	0.0483	16.3	37	82.0	L347911-03	WG365405
4-Chlorotoluene	mg/kg	0.0406	0.0476	16.1	38	81.1	L347911-03	WG365405
4-Methyl-2-pentanone (MIBK)	mg/kg	0.199	0.186	6.52	36	79.5	L347911-03	WG365405
Acetone	mg/kg	0.184	0.252	31.0	34	69.3	L347911-03	WG365405
Acrylonitrile	mg/kg	0.176	0.214	19.5	35	70.3	L347911-03	WG365405
Benzene	mg/kg	0.0335	0.0354	5.41	31	67.0	L347911-03	WG365405
Bromobenzene	mg/kg	0.0423	0.0493	15.4	39	84.6	L347911-03	WG365405

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Quality Assurance Report
Level II

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Bromodichloromethane	mg/kg	0.0381	0.0404	6.06	30	76.1	L347911-03	WG365405

Analyte	Units	Matrix Spike Duplicate MSD Res	Ref Res	RPD	Limit	%Rec	Ref Samp	Batch
Bromoform	mg/kg	0.0418	0.0495	16.9	34	83.5	L347911-03	WG365405
Bromomethane	mg/kg	0.0278	0.0341	20.4	41	55.6	L347911-03	WG365405
Carbon tetrachloride	mg/kg	0.0324	0.0365	12.1	34	64.8	L347911-03	WG365405
Chlorobenzene	mg/kg	0.0420	0.0441	4.89	34	84.0	L347911-03	WG365405
Chlorodibromomethane	mg/kg	0.0471	0.0491	4.30	32	94.1	L347911-03	WG365405
Chloroethane	mg/kg	0.0294	0.0360	20.1	38	58.9	L347911-03	WG365405
Chloroform	mg/kg	0.0347	0.0401	14.6	30	69.4	L347911-03	WG365405
Chloromethane	mg/kg	0.0244	0.0300	20.7	35	48.7	L347911-03	WG365405
cis-1,2-Dichloroethene	mg/kg	0.0364	0.0431	16.9	31	72.8	L347911-03	WG365405
cis-1,3-Dichloropropene	mg/kg	0.0380	0.0367	3.51	32	76.1	L347911-03	WG365405
Di-isopropyl ether	mg/kg	0.0356	0.0389	8.93	29	71.1	L347911-03	WG365405
Dibromomethane	mg/kg	0.0339	0.0381	11.7	30	67.8	L347911-03	WG365405
Dichlorodifluoromethane	mg/kg	0.0247	0.0313	23.7	38	49.4	L347911-03	WG365405
Ethylbenzene	mg/kg	0.0417	0.0428	2.58	36	83.5	L347911-03	WG365405
Hexachlorobutadiene	mg/kg	0.0390	0.0391	0.266	50	78.0	L347911-03	WG365405
Isopropylbenzene	mg/kg	0.0430	0.0486	12.2	37	86.0	L347911-03	WG365405
Methyl tert-butyl ether	mg/kg	0.0357	0.0427	17.9	31	71.4	L347911-03	WG365405
Methylene Chloride	mg/kg	0.0324	0.0398	20.6	31	64.7	L347911-03	WG365405
n-Butylbenzene	mg/kg	0.0395	0.0392	0.530	48	78.9	L347911-03	WG365405
n-Propylbenzene	mg/kg	0.0408	0.0468	13.7	40	81.5	L347911-03	WG365405
Naphthalene	mg/kg	0.0439	0.0416	5.23	43	87.7	L347911-03	WG365405
p-Isopropyltoluene	mg/kg	0.0421	0.0519	20.8	43	84.2	L347911-03	WG365405
sec-Butylbenzene	mg/kg	0.0430	0.0526	20.1	43	86.0	L347911-03	WG365405
Styrene	mg/kg	0.0458	0.0507	10.1	35	91.6	L347911-03	WG365405
tert-Butylbenzene	mg/kg	0.0432	0.0517	18.0	39	86.3	L347911-03	WG365405
Tetrachloroethene	mg/kg	0.0371	0.0348	6.27	35	74.2	L347911-03	WG365405
Toluene	mg/kg	0.0369	0.0352	4.73	32	73.9	L347911-03	WG365405
trans-1,2-Dichloroethene	mg/kg	0.0294	0.0354	18.3	33	58.9	L347911-03	WG365405
trans-1,3-Dichloropropene	mg/kg	0.0370	0.0357	3.49	32	74.0	L347911-03	WG365405
Trichloroethene	mg/kg	0.0349	0.0354	1.55	33	69.8	L347911-03	WG365405
Trichlorofluoromethane	mg/kg	0.0287	0.0350	19.7	32	57.5	L347911-03	WG365405
Vinyl chloride	mg/kg	0.0263	0.0320	19.4	36	52.6	L347911-03	WG365405
Xylenes, Total	mg/kg	0.122	0.130	6.34	36	81.5	L347911-03	WG365405
Ethylbenzene	mg/kg	0.295	0.302	2.30	36	0.00	L348841-09	WG365505
Xylenes, Total	mg/kg	0.368	0.389	5.67	36	0.00	L348841-09	WG365505
Xylenes, Total	mg/kg	0.765	0.774	1.17	36	102.	L348850-16	WG365595
1,1,1,2-Tetrachloroethane	mg/kg	0.276	0.246	11.9	31	111.	L348346-04	WG365759
1,1,1-Trichloroethane	mg/kg	0.233	0.201	15.0	32	93.3	L348346-04	WG365759
1,1,2,2-Tetrachloroethane	mg/kg	0.225	0.221	1.77	33	89.9	L348346-04	WG365759
1,1,2-Trichloroethane	mg/kg	0.274	0.234	15.7	29	109.	L348346-04	WG365759
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.226	0.192	16.4	35	86.1	L348346-04	WG365759
1,1-Dichloroethane	mg/kg	0.245	0.214	13.6	31	98.0	L348346-04	WG365759
1,1-Dichloroethene	mg/kg	0.285	0.240	17.2	34	114.	L348346-04	WG365759
1,1-Dichloropropene	mg/kg	0.236	0.207	12.9	34	94.2	L348346-04	WG365759
1,2,3-Trichlorobenzene	mg/kg	0.211	0.201	5.19	43	84.6	L348346-04	WG365759
1,2,3-Trichloropropane	mg/kg	0.193	0.184	4.97	32	77.4	L348346-04	WG365759
1,2,4-Trichlorobenzene	mg/kg	0.223	0.205	8.12	44	89.1	L348346-04	WG365759
1,2,4-Trimethylbenzene	mg/kg	0.248	0.234	5.69	41	99.2	L348346-04	WG365759
1,2-Dibromo-3-Chloropropane	mg/kg	0.232	0.196	16.6	35	92.7	L348346-04	WG365759
1,2-Dibromoethane	mg/kg	0.263	0.228	14.2	31	105.	L348346-04	WG365759
1,2-Dichlorobenzene	mg/kg	0.247	0.218	12.3	35	98.6	L348346-04	WG365759
1,2-Dichloroethane	mg/kg	0.203	0.178	12.9	29	81.0	L348346-04	WG365759
1,2-Dichloropropane	mg/kg	0.242	0.196	21.2	30	96.8	L348346-04	WG365759
1,3,5-Trimethylbenzene	mg/kg	0.258	0.241	6.71	39	103.	L348346-04	WG365759
1,3-Dichlorobenzene	mg/kg	0.240	0.233	2.93	38	96.0	L348346-04	WG365759
1,3-Dichloropropane	mg/kg	0.246	0.208	16.5	29	98.2	L348346-04	WG365759

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1,4-Dichlorobenzene	mg/kg	0.236	0.205	14.1	36	94.5	L348346-04	WG365759

Analyte	Units	Matrix Spike Duplicate MSD Res	Ref Res	RPD	Limit	%Rec	Ref Samp	Batch
2,2-Dichloropropane	mg/kg	0.249	0.217	13.9	32	99.6	L348346-04	WG365759
2-Butanone (MEK)	mg/kg	0.974	0.870	11.3	37	77.9	L348346-04	WG365759
2-Chloroethyl vinyl ether	mg/kg	1.17	0.913	24.3	50	93.2	L348346-04	WG365759
2-Chlorotoluene	mg/kg	0.247	0.230	7.19	37	99.0	L348346-04	WG365759
4-Chlorotoluene	mg/kg	0.241	0.225	6.82	38	96.5	L348346-04	WG365759
4-Methyl-2-pentanone (MIBK)	mg/kg	1.03	0.820	22.5	36	82.2	L348346-04	WG365759
Acetone	mg/kg	0.862	0.786	9.29	34	69.0	L348346-04	WG365759
Acrylonitrile	mg/kg	0.949	0.869	8.73	35	75.9	L348346-04	WG365759
Benzene	mg/kg	0.248	0.211	15.8	31	99.1	L348346-04	WG365759
Bromobenzene	mg/kg	0.242	0.232	4.37	39	97.0	L348346-04	WG365759
Bromodichloromethane	mg/kg	0.231	0.199	15.1	30	92.4	L348346-04	WG365759
Bromoform	mg/kg	0.229	0.214	6.76	34	91.6	L348346-04	WG365759
Bromomethane	mg/kg	0.220	0.187	16.1	41	87.9	L348346-04	WG365759
Carbon tetrachloride	mg/kg	0.234	0.202	14.9	34	93.7	L348346-04	WG365759
Chlorobenzene	mg/kg	0.280	0.238	16.4	34	112.	L348346-04	WG365759
Chlorodibromomethane	mg/kg	0.273	0.237	14.0	32	109.	L348346-04	WG365759
Chloroethane	mg/kg	0.225	0.190	17.0	38	90.2	L348346-04	WG365759
Chloroform	mg/kg	0.223	0.198	11.9	30	89.1	L348346-04	WG365759
Chloromethane	mg/kg	0.187	0.159	16.3	35	74.9	L348346-04	WG365759
cis-1,2-Dichloroethene	mg/kg	0.256	0.222	14.4	31	103.	L348346-04	WG365759
cis-1,3-Dichloropropene	mg/kg	0.247	0.202	20.2	32	98.9	L348346-04	WG365759
Di-isopropyl ether	mg/kg	0.197	0.170	14.4	29	78.7	L348346-04	WG365759
Dibromomethane	mg/kg	0.217	0.191	12.8	30	86.9	L348346-04	WG365759
Dichlorodifluoromethane	mg/kg	0.158	0.135	15.2	38	63.0	L348346-04	WG365759
Ethylbenzene	mg/kg	0.287	0.238	18.6	36	115.	L348346-04	WG365759
Hexachlorobutadiene	mg/kg	0.258	0.233	10.5	50	103.	L348346-04	WG365759
Isopropylbenzene	mg/kg	0.289	0.253	13.1	37	115.	L348346-04	WG365759
Methyl tert-butyl ether	mg/kg	0.185	0.160	14.2	31	73.9	L348346-04	WG365759
Methylene Chloride	mg/kg	0.240	0.208	14.2	31	96.1	L348346-04	WG365759
n-Butylbenzene	mg/kg	0.245	0.216	12.6	48	98.0	L348346-04	WG365759
n-Propylbenzene	mg/kg	0.262	0.236	10.5	40	105.	L348346-04	WG365759
Naphthalene	mg/kg	0.226	0.201	11.8	43	90.4	L348346-04	WG365759
p-Isopropyltoluene	mg/kg	0.257	0.243	5.41	43	103.	L348346-04	WG365759
sec-Butylbenzene	mg/kg	0.266	0.251	5.84	43	106.	L348346-04	WG365759
Styrene	mg/kg	0.281	0.246	13.3	35	113.	L348346-04	WG365759
tert-Butylbenzene	mg/kg	0.268	0.249	7.34	39	107.	L348346-04	WG365759
Tetrachloroethene	mg/kg	0.281	0.236	17.1	35	112.	L348346-04	WG365759
Toluene	mg/kg	0.261	0.206	23.4	32	104.	L348346-04	WG365759
trans-1,2-Dichloroethene	mg/kg	0.263	0.228	14.5	33	105.	L348346-04	WG365759
trans-1,3-Dichloropropene	mg/kg	0.232	0.189	20.3	32	92.7	L348346-04	WG365759
Trichloroethene	mg/kg	0.267	0.233	13.6	33	107.	L348346-04	WG365759
Trichlorofluoromethane	mg/kg	0.198	0.169	15.9	32	79.2	L348346-04	WG365759
Vinyl chloride	mg/kg	0.208	0.173	18.4	36	83.2	L348346-04	WG365759
Xylenes, Total	mg/kg	0.825	0.703	16.0	36	110.	L348346-04	WG365759

Batch number /Run number / Sample number cross reference

WG365405: R382268: L349183-01 02 03 04 06 07
WG365338: R382784: L349183-01 02 03 04 05 06 07
WG365505: R383585: L349183-02 03 04
WG365595: R383786: L349183-01
WG365759: R384205: L349183-05

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

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ECS Carolinas - Raleigh, NC
Christina Breen
9001 Glenwood Ave

Raleigh, NC 27617-7505

Quality Assurance Report
Level II

L349183

June 11, 2008

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.

Company Name/Address:
ECS Carolinas, LLP
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Raleigh, NC 27617

Alternate billing information:
Same

Analysis/Container/Preservative

Chain of Custody
Page 1 of 1

Prepared by:

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3

Report to: Christina Breen
Email to: cbreen@ecslimited.com

Project Description: Twin Lakes - Xylene
City/Sate Collected: Morrisville, NC

Phone: 919-861-9910
FAX:
Client Project #: 15416-I
ESC Key:

Collected by: CLD, CMB
Site/Facility ID#:
P.O.#:

Collected by (signature):

Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day.....200%
___ Next Day.....100%
✓ Two Day.....50%
Three Day.....25%

Date Results Needed:
Email? ___No ✓Yes
FAX? ✓No ___Yes

CoCode (lab use only)
Template/Prelogin
Shipped Via:

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	8260B	Remarks/Contaminant	Sample # (lab only)
L8a	G	SS	1.5	6/6/08	8:49	4	X		[illegible]
L8b	↓	↓	3.5	↓	8:53	↓	↓		[illegible]
L9a			1.5		9:00				[illegible]
L9b			3.5		9:06				[illegible]
L10a			1.5		9:20				[illegible]
L10b		↓	3.5		9:22				[illegible]
L11a	↓	↓	1.5	↓	10:00	↓	↓		[illegible]

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

pH _____ Temp _____

Remarks:

Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☒ SW	Condition: (lab use only)
[signature]	6/6/08	11:30	Christina [signature] 11:30		
Relinquished by: (Signature) Christina [signature]	6/6/08	1312	Received by: (Signature) [signature]	Temp: 4.5° / Bottles Received: 29	CoC Seals Intact: ___Y ___N X NA
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) Troy Dunlap	Date: 6-7-08 / Time: 0900	pH Checked: / NCF:

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Chris Dionne
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Raleigh, NC 27617-7505

Report Summary

Tuesday July 01, 2008

Report Number: L352201
Samples Received: 06/26/08
Client Project: 06.15416-I

Description: Twin Lakes DENR Recommendations

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: Terrie Fudge, ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 09227, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140
NJ - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910

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REPORT OF ANALYSIS

Chris Dionne
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

July 01,2008

Date Received : June 26, 2008
Description : Twin Lakes

Sample ID : L11-1 3 FT

Collected By : CLD-SKM
Collection Date : 06/25/08 11:45

ESC Sample # : L352201-01

Site ID :

Project # : 06.15416-I

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	74.2		%	2540G	07/01/08	1
Volatile Organics						
Acetone	BDL	0.067	mg/kg	8260B	07/01/08	1
Acrylonitrile	BDL	0.013	mg/kg	8260B	07/01/08	1
Benzene	BDL	0.0013	mg/kg	8260B	07/01/08	1
Bromobenzene	BDL	0.0013	mg/kg	8260B	07/01/08	1
Bromodichloromethane	BDL	0.0013	mg/kg	8260B	07/01/08	1
Bromoform	BDL	0.0013	mg/kg	8260B	07/01/08	1
Bromomethane	BDL	0.0067	mg/kg	8260B	07/01/08	1
n-Butylbenzene	BDL	0.0013	mg/kg	8260B	07/01/08	1
sec-Butylbenzene	BDL	0.0013	mg/kg	8260B	07/01/08	1
tert-Butylbenzene	BDL	0.0013	mg/kg	8260B	07/01/08	1
Carbon tetrachloride	BDL	0.0013	mg/kg	8260B	07/01/08	1
Chlorobenzene	BDL	0.0013	mg/kg	8260B	07/01/08	1
Chlorodibromomethane	BDL	0.0013	mg/kg	8260B	07/01/08	1
Chloroethane	BDL	0.0067	mg/kg	8260B	07/01/08	1
2-Chloroethyl vinyl ether	BDL	0.067	mg/kg	8260B	07/01/08	1
Chloroform	BDL	0.0067	mg/kg	8260B	07/01/08	1
Chloromethane	BDL	0.0013	mg/kg	8260B	07/01/08	1
2-Chlorotoluene	BDL	0.0013	mg/kg	8260B	07/01/08	1
4-Chlorotoluene	BDL	0.0013	mg/kg	8260B	07/01/08	1
1,2-Dibromo-3-Chloropropane	BDL	0.0067	mg/kg	8260B	07/01/08	1
1,2-Dibromoethane	BDL	0.0013	mg/kg	8260B	07/01/08	1
Dibromomethane	BDL	0.0013	mg/kg	8260B	07/01/08	1
1,2-Dichlorobenzene	BDL	0.0013	mg/kg	8260B	07/01/08	1
1,3-Dichlorobenzene	BDL	0.0013	mg/kg	8260B	07/01/08	1
1,4-Dichlorobenzene	BDL	0.0013	mg/kg	8260B	07/01/08	1
Dichlorodifluoromethane	BDL	0.0067	mg/kg	8260B	07/01/08	1
1,1-Dichloroethane	BDL	0.0013	mg/kg	8260B	07/01/08	1
1,2-Dichloroethane	BDL	0.0013	mg/kg	8260B	07/01/08	1
1,1-Dichloroethene	BDL	0.0013	mg/kg	8260B	07/01/08	1
cis-1,2-Dichloroethene	BDL	0.0013	mg/kg	8260B	07/01/08	1
trans-1,2-Dichloroethene	BDL	0.0013	mg/kg	8260B	07/01/08	1
1,2-Dichloropropane	BDL	0.0013	mg/kg	8260B	07/01/08	1
1,1-Dichloropropene	BDL	0.0013	mg/kg	8260B	07/01/08	1
1,3-Dichloropropane	BDL	0.0013	mg/kg	8260B	07/01/08	1
cis-1,3-Dichloropropene	BDL	0.0013	mg/kg	8260B	07/01/08	1
trans-1,3-Dichloropropene	BDL	0.0013	mg/kg	8260B	07/01/08	1
2,2-Dichloropropane	BDL	0.0013	mg/kg	8260B	07/01/08	1
Di-isopropyl ether	BDL	0.0013	mg/kg	8260B	07/01/08	1
Ethylbenzene	0.013	0.0013	mg/kg	8260B	07/01/08	1
Hexachlorobutadiene	BDL	0.0013	mg/kg	8260B	07/01/08	1
Isopropylbenzene	BDL	0.0013	mg/kg	8260B	07/01/08	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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REPORT OF ANALYSIS

Chris Dionne
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

July 01,2008

ESC Sample # : L352201-01

Site ID :

Project # : 06.15416-I

Date Received : June 26, 2008
Description : Twin Lakes

Sample ID : L11-1 3 FT

Collected By : CLD-SKM
Collection Date : 06/25/08 11:45

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0013	mg/kg	8260B	07/01/08	1
2-Butanone (MEK)	BDL	0.013	mg/kg	8260B	07/01/08	1
Methylene Chloride	BDL	0.0067	mg/kg	8260B	07/01/08	1
4-Methyl-2-pentanone (MIBK)	BDL	0.013	mg/kg	8260B	07/01/08	1
Methyl tert-butyl ether	BDL	0.0013	mg/kg	8260B	07/01/08	1
Naphthalene	BDL	0.0067	mg/kg	8260B	07/01/08	1
n-Propylbenzene	BDL	0.0013	mg/kg	8260B	07/01/08	1
Styrene	BDL	0.0013	mg/kg	8260B	07/01/08	1
1,1,1,2-Tetrachloroethane	BDL	0.0013	mg/kg	8260B	07/01/08	1
1,1,2,2-Tetrachloroethane	BDL	0.0013	mg/kg	8260B	07/01/08	1
Tetrachloroethene	BDL	0.0013	mg/kg	8260B	07/01/08	1
Toluene	BDL	0.0067	mg/kg	8260B	07/01/08	1
1,2,3-Trichlorobenzene	BDL	0.0013	mg/kg	8260B	07/01/08	1
1,2,4-Trichlorobenzene	BDL	0.0013	mg/kg	8260B	07/01/08	1
1,1,1-Trichloroethane	BDL	0.0013	mg/kg	8260B	07/01/08	1
1,1,2-Trichloroethane	BDL	0.0013	mg/kg	8260B	07/01/08	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0013	mg/kg	8260B	07/01/08	1
Trichloroethene	BDL	0.0013	mg/kg	8260B	07/01/08	1
Trichlorofluoromethane	BDL	0.0067	mg/kg	8260B	07/01/08	1
1,2,3-Trichloropropane	BDL	0.0013	mg/kg	8260B	07/01/08	1
1,2,4-Trimethylbenzene	BDL	0.0013	mg/kg	8260B	07/01/08	1
1,3,5-Trimethylbenzene	BDL	0.0013	mg/kg	8260B	07/01/08	1
Vinyl chloride	BDL	0.0013	mg/kg	8260B	07/01/08	1
Xylenes, Total	0.16	0.0040	mg/kg	8260B	07/01/08	1
Surrogate Recovery						
Toluene-d8	106.		% Rec.	8260B	07/01/08	1
Dibromofluoromethane	117.		% Rec.	8260B	07/01/08	1
4-Bromofluorobenzene	100.		% Rec.	8260B	07/01/08	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Reported: 07/01/08 16:28 Printed: 07/01/08 16:28

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REPORT OF ANALYSIS

Chris Dionne
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Raleigh, NC 27617-7505

July 01,2008

ESC Sample # : L352201-02

Date Received : June 26, 2008
Description : Twin Lakes

Site ID :

Sample ID : L11-B 3 FT

Project # : 06.15416-I

Collected By : CLD-SKM
Collection Date : 06/25/08 12:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	83.9		%	2540G	07/01/08	1
Volatile Organics						
Acetone	BDL	0.060	mg/kg	8260B	07/01/08	1
Acrylonitrile	BDL	0.012	mg/kg	8260B	07/01/08	1
Benzene	BDL	0.0012	mg/kg	8260B	07/01/08	1
Bromobenzene	BDL	0.0012	mg/kg	8260B	07/01/08	1
Bromodichloromethane	BDL	0.0012	mg/kg	8260B	07/01/08	1
Bromoform	BDL	0.0012	mg/kg	8260B	07/01/08	1
Bromomethane	BDL	0.0060	mg/kg	8260B	07/01/08	1
n-Butylbenzene	BDL	0.0012	mg/kg	8260B	07/01/08	1
sec-Butylbenzene	BDL	0.0012	mg/kg	8260B	07/01/08	1
tert-Butylbenzene	BDL	0.0012	mg/kg	8260B	07/01/08	1
Carbon tetrachloride	BDL	0.0012	mg/kg	8260B	07/01/08	1
Chlorobenzene	BDL	0.0012	mg/kg	8260B	07/01/08	1
Chlorodibromomethane	BDL	0.0012	mg/kg	8260B	07/01/08	1
Chloroethane	BDL	0.0060	mg/kg	8260B	07/01/08	1
2-Chloroethyl vinyl ether	BDL	0.060	mg/kg	8260B	07/01/08	1
Chloroform	BDL	0.0060	mg/kg	8260B	07/01/08	1
Chloromethane	BDL	0.0012	mg/kg	8260B	07/01/08	1
2-Chlorotoluene	BDL	0.0012	mg/kg	8260B	07/01/08	1
4-Chlorotoluene	BDL	0.0012	mg/kg	8260B	07/01/08	1
1,2-Dibromo-3-Chloropropane	BDL	0.0060	mg/kg	8260B	07/01/08	1
1,2-Dibromoethane	BDL	0.0012	mg/kg	8260B	07/01/08	1
Dibromomethane	BDL	0.0012	mg/kg	8260B	07/01/08	1
1,2-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	07/01/08	1
1,3-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	07/01/08	1
1,4-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	07/01/08	1
Dichlorodifluoromethane	BDL	0.0060	mg/kg	8260B	07/01/08	1
1,1-Dichloroethane	BDL	0.0012	mg/kg	8260B	07/01/08	1
1,2-Dichloroethane	BDL	0.0012	mg/kg	8260B	07/01/08	1
1,1-Dichloroethene	BDL	0.0012	mg/kg	8260B	07/01/08	1
cis-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	07/01/08	1
trans-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	07/01/08	1
1,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	07/01/08	1
1,1-Dichloropropene	BDL	0.0012	mg/kg	8260B	07/01/08	1
1,3-Dichloropropane	BDL	0.0012	mg/kg	8260B	07/01/08	1
cis-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	07/01/08	1
trans-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	07/01/08	1
2,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	07/01/08	1
Di-isopropyl ether	BDL	0.0012	mg/kg	8260B	07/01/08	1
Ethylbenzene	0.0081	0.0012	mg/kg	8260B	07/01/08	1
Hexachlorobutadiene	BDL	0.0012	mg/kg	8260B	07/01/08	1
Isopropylbenzene	BDL	0.0012	mg/kg	8260B	07/01/08	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Chris Dionne
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

July 01,2008

ESC Sample # : L352201-02

Site ID :

Project # : 06.15416-I

Date Received : June 26, 2008
Description : Twin Lakes

Sample ID : L11-B 3 FT

Collected By : CLD-SKM
Collection Date : 06/25/08 12:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0012	mg/kg	8260B	07/01/08	1
2-Butanone (MEK)	BDL	0.012	mg/kg	8260B	07/01/08	1
Methylene Chloride	BDL	0.0060	mg/kg	8260B	07/01/08	1
4-Methyl-2-pentanone (MIBK)	BDL	0.012	mg/kg	8260B	07/01/08	1
Methyl tert-butyl ether	BDL	0.0012	mg/kg	8260B	07/01/08	1
Naphthalene	BDL	0.0060	mg/kg	8260B	07/01/08	1
n-Propylbenzene	BDL	0.0012	mg/kg	8260B	07/01/08	1
Styrene	BDL	0.0012	mg/kg	8260B	07/01/08	1
1,1,1,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	07/01/08	1
1,1,2,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	07/01/08	1
Tetrachloroethene	BDL	0.0012	mg/kg	8260B	07/01/08	1
Toluene	BDL	0.0060	mg/kg	8260B	07/01/08	1
1,2,3-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	07/01/08	1
1,2,4-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	07/01/08	1
1,1,1-Trichloroethane	BDL	0.0012	mg/kg	8260B	07/01/08	1
1,1,2-Trichloroethane	BDL	0.0012	mg/kg	8260B	07/01/08	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0012	mg/kg	8260B	07/01/08	1
Trichloroethene	BDL	0.0012	mg/kg	8260B	07/01/08	1
Trichlorofluoromethane	BDL	0.0060	mg/kg	8260B	07/01/08	1
1,2,3-Trichloropropane	BDL	0.0012	mg/kg	8260B	07/01/08	1
1,2,4-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	07/01/08	1
1,3,5-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	07/01/08	1
Vinyl chloride	BDL	0.0012	mg/kg	8260B	07/01/08	1
Xylenes, Total	0.11	0.0036	mg/kg	8260B	07/01/08	1
Surrogate Recovery						
Toluene-d8	106.		% Rec.	8260B	07/01/08	1
Dibromofluoromethane	120.		% Rec.	8260B	07/01/08	1
4-Bromofluorobenzene	101.		% Rec.	8260B	07/01/08	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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Est. 1970

REPORT OF ANALYSIS

Chris Dionne
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

July 01,2008

ESC Sample # : L352201-03

Site ID :

Project # : 06.15416-I

Date Received : June 26, 2008
Description : Twin Lakes

Sample ID : L12 3 FT

Collected By : CLD-SKM
Collection Date : 06/25/08 13:08

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	89.9		%	2540G	07/01/08	1
Volatile Organics						
Acetone	BDL	0.056	mg/kg	8260B	07/01/08	1
Acrylonitrile	BDL	0.011	mg/kg	8260B	07/01/08	1
Benzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
Bromobenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
Bromodichloromethane	BDL	0.0011	mg/kg	8260B	07/01/08	1
Bromoform	BDL	0.0011	mg/kg	8260B	07/01/08	1
Bromomethane	BDL	0.0056	mg/kg	8260B	07/01/08	1
n-Butylbenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
sec-Butylbenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
tert-Butylbenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
Carbon tetrachloride	BDL	0.0011	mg/kg	8260B	07/01/08	1
Chlorobenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
Chlorodibromomethane	BDL	0.0011	mg/kg	8260B	07/01/08	1
Chloroethane	BDL	0.0056	mg/kg	8260B	07/01/08	1
2-Chloroethyl vinyl ether	BDL	0.056	mg/kg	8260B	07/01/08	1
Chloroform	BDL	0.0056	mg/kg	8260B	07/01/08	1
Chloromethane	BDL	0.0011	mg/kg	8260B	07/01/08	1
2-Chlorotoluene	BDL	0.0011	mg/kg	8260B	07/01/08	1
4-Chlorotoluene	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,2-Dibromo-3-Chloropropane	BDL	0.0056	mg/kg	8260B	07/01/08	1
1,2-Dibromoethane	BDL	0.0011	mg/kg	8260B	07/01/08	1
Dibromomethane	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,2-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,3-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,4-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
Dichlorodifluoromethane	BDL	0.0056	mg/kg	8260B	07/01/08	1
1,1-Dichloroethane	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,2-Dichloroethane	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,1-Dichloroethene	BDL	0.0011	mg/kg	8260B	07/01/08	1
cis-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	07/01/08	1
trans-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,1-Dichloropropene	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,3-Dichloropropane	BDL	0.0011	mg/kg	8260B	07/01/08	1
cis-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	07/01/08	1
trans-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	07/01/08	1
2,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	07/01/08	1
Di-isopropyl ether	BDL	0.0011	mg/kg	8260B	07/01/08	1
Ethylbenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
Hexachlorobutadiene	BDL	0.0011	mg/kg	8260B	07/01/08	1
Isopropylbenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Chris Dionne
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

July 01,2008

ESC Sample # : L352201-03

Site ID :

Project # : 06.15416-I

Date Received : June 26, 2008
Description : Twin Lakes

Sample ID : L12 3 FT

Collected By : CLD-SKM
Collection Date : 06/25/08 13:08

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0011	mg/kg	8260B	07/01/08	1
2-Butanone (MEK)	BDL	0.011	mg/kg	8260B	07/01/08	1
Methylene Chloride	BDL	0.0056	mg/kg	8260B	07/01/08	1
4-Methyl-2-pentanone (MIBK)	BDL	0.011	mg/kg	8260B	07/01/08	1
Methyl tert-butyl ether	BDL	0.0011	mg/kg	8260B	07/01/08	1
Naphthalene	BDL	0.0056	mg/kg	8260B	07/01/08	1
n-Propylbenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
Styrene	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,1,1,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,1,2,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	07/01/08	1
Tetrachloroethene	BDL	0.0011	mg/kg	8260B	07/01/08	1
Toluene	BDL	0.0056	mg/kg	8260B	07/01/08	1
1,2,3-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,2,4-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,1,1-Trichloroethane	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,1,2-Trichloroethane	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0011	mg/kg	8260B	07/01/08	1
Trichloroethene	BDL	0.0011	mg/kg	8260B	07/01/08	1
Trichlorofluoromethane	BDL	0.0056	mg/kg	8260B	07/01/08	1
1,2,3-Trichloropropane	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,2,4-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,3,5-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
Vinyl chloride	BDL	0.0011	mg/kg	8260B	07/01/08	1
Xylenes, Total	0.0059	0.0033	mg/kg	8260B	07/01/08	1
Surrogate Recovery						
Toluene-d8	107.		% Rec.	8260B	07/01/08	1
Dibromofluoromethane	119.		% Rec.	8260B	07/01/08	1
4-Bromofluorobenzene	98.5		% Rec.	8260B	07/01/08	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Chris Dionne
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
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July 01,2008

ESC Sample # : L352201-04

Date Received : June 26, 2008
Description : Twin Lakes

Site ID :

Sample ID : L13 3 FT

Project # : 06.15416-I

Collected By : CLD-SKM
Collection Date : 06/25/08 11:33

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	87.4		%	2540G	07/01/08	1
Volatile Organics						
Acetone	BDL	0.057	mg/kg	8260B	07/01/08	1
Acrylonitrile	BDL	0.011	mg/kg	8260B	07/01/08	1
Benzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
Bromobenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
Bromodichloromethane	BDL	0.0011	mg/kg	8260B	07/01/08	1
Bromoform	BDL	0.0011	mg/kg	8260B	07/01/08	1
Bromomethane	BDL	0.0057	mg/kg	8260B	07/01/08	1
n-Butylbenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
sec-Butylbenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
tert-Butylbenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
Carbon tetrachloride	BDL	0.0011	mg/kg	8260B	07/01/08	1
Chlorobenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
Chlorodibromomethane	BDL	0.0011	mg/kg	8260B	07/01/08	1
Chloroethane	BDL	0.0057	mg/kg	8260B	07/01/08	1
2-Chloroethyl vinyl ether	BDL	0.057	mg/kg	8260B	07/01/08	1
Chloroform	BDL	0.0057	mg/kg	8260B	07/01/08	1
Chloromethane	BDL	0.0011	mg/kg	8260B	07/01/08	1
2-Chlorotoluene	BDL	0.0011	mg/kg	8260B	07/01/08	1
4-Chlorotoluene	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,2-Dibromo-3-Chloropropane	BDL	0.0057	mg/kg	8260B	07/01/08	1
1,2-Dibromoethane	BDL	0.0011	mg/kg	8260B	07/01/08	1
Dibromomethane	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,2-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,3-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,4-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
Dichlorodifluoromethane	BDL	0.0057	mg/kg	8260B	07/01/08	1
1,1-Dichloroethane	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,2-Dichloroethane	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,1-Dichloroethene	BDL	0.0011	mg/kg	8260B	07/01/08	1
cis-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	07/01/08	1
trans-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,1-Dichloropropene	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,3-Dichloropropane	BDL	0.0011	mg/kg	8260B	07/01/08	1
cis-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	07/01/08	1
trans-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	07/01/08	1
2,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	07/01/08	1
Di-isopropyl ether	BDL	0.0011	mg/kg	8260B	07/01/08	1
Ethylbenzene	0.0055	0.0011	mg/kg	8260B	07/01/08	1
Hexachlorobutadiene	BDL	0.0011	mg/kg	8260B	07/01/08	1
Isopropylbenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Chris Dionne
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

July 01,2008

ESC Sample # : L352201-04

Site ID :

Project # : 06.15416-I

Date Received : June 26, 2008
Description : Twin Lakes

Sample ID : L13 3 FT

Collected By : CLD-SKM
Collection Date : 06/25/08 11:33

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0011	mg/kg	8260B	07/01/08	1
2-Butanone (MEK)	BDL	0.011	mg/kg	8260B	07/01/08	1
Methylene Chloride	BDL	0.0057	mg/kg	8260B	07/01/08	1
4-Methyl-2-pentanone (MIBK)	BDL	0.011	mg/kg	8260B	07/01/08	1
Methyl tert-butyl ether	BDL	0.0011	mg/kg	8260B	07/01/08	1
Naphthalene	BDL	0.0057	mg/kg	8260B	07/01/08	1
n-Propylbenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
Styrene	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,1,1,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,1,2,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	07/01/08	1
Tetrachloroethene	BDL	0.0011	mg/kg	8260B	07/01/08	1
Toluene	BDL	0.0057	mg/kg	8260B	07/01/08	1
1,2,3-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,2,4-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,1,1-Trichloroethane	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,1,2-Trichloroethane	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0011	mg/kg	8260B	07/01/08	1
Trichloroethene	BDL	0.0011	mg/kg	8260B	07/01/08	1
Trichlorofluoromethane	BDL	0.0057	mg/kg	8260B	07/01/08	1
1,2,3-Trichloropropane	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,2,4-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,3,5-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
Vinyl chloride	BDL	0.0011	mg/kg	8260B	07/01/08	1
Xylenes, Total	0.096	0.0034	mg/kg	8260B	07/01/08	1
Surrogate Recovery						
Toluene-d8	106.		% Rec.	8260B	07/01/08	1
Dibromofluoromethane	116.		% Rec.	8260B	07/01/08	1
4-Bromofluorobenzene	97.9		% Rec.	8260B	07/01/08	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Chris Dionne
ECS Carolinas - Raleigh, NC
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Raleigh, NC 27617-7505

July 01,2008

ESC Sample # : L352201-05

Site ID :

Project # : 06.15416-I

Date Received : June 26, 2008
Description : Twin Lakes

Sample ID : L14 3 FT

Collected By : CLD-SKM
Collection Date : 06/25/08 11:30

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	87.8		%	2540G	07/01/08	1
Volatile Organics						
Acetone	BDL	0.057	mg/kg	8260B	07/01/08	1
Acrylonitrile	BDL	0.011	mg/kg	8260B	07/01/08	1
Benzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
Bromobenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
Bromodichloromethane	BDL	0.0011	mg/kg	8260B	07/01/08	1
Bromoform	BDL	0.0011	mg/kg	8260B	07/01/08	1
Bromomethane	BDL	0.0057	mg/kg	8260B	07/01/08	1
n-Butylbenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
sec-Butylbenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
tert-Butylbenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
Carbon tetrachloride	BDL	0.0011	mg/kg	8260B	07/01/08	1
Chlorobenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
Chlorodibromomethane	BDL	0.0011	mg/kg	8260B	07/01/08	1
Chloroethane	BDL	0.0057	mg/kg	8260B	07/01/08	1
2-Chloroethyl vinyl ether	BDL	0.057	mg/kg	8260B	07/01/08	1
Chloroform	BDL	0.0057	mg/kg	8260B	07/01/08	1
Chloromethane	BDL	0.0011	mg/kg	8260B	07/01/08	1
2-Chlorotoluene	BDL	0.0011	mg/kg	8260B	07/01/08	1
4-Chlorotoluene	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,2-Dibromo-3-Chloropropane	BDL	0.0057	mg/kg	8260B	07/01/08	1
1,2-Dibromoethane	BDL	0.0011	mg/kg	8260B	07/01/08	1
Dibromomethane	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,2-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,3-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,4-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
Dichlorodifluoromethane	BDL	0.0057	mg/kg	8260B	07/01/08	1
1,1-Dichloroethane	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,2-Dichloroethane	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,1-Dichloroethene	BDL	0.0011	mg/kg	8260B	07/01/08	1
cis-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	07/01/08	1
trans-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,1-Dichloropropene	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,3-Dichloropropane	BDL	0.0011	mg/kg	8260B	07/01/08	1
cis-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	07/01/08	1
trans-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	07/01/08	1
2,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	07/01/08	1
Di-isopropyl ether	BDL	0.0011	mg/kg	8260B	07/01/08	1
Ethylbenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
Hexachlorobutadiene	BDL	0.0011	mg/kg	8260B	07/01/08	1
Isopropylbenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Chris Dionne
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

July 01,2008

ESC Sample # : L352201-05

Site ID :

Project # : 06.15416-I

Date Received : June 26, 2008
Description : Twin Lakes

Sample ID : L14 3 FT

Collected By : CLD-SKM
Collection Date : 06/25/08 11:30

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0011	mg/kg	8260B	07/01/08	1
2-Butanone (MEK)	BDL	0.011	mg/kg	8260B	07/01/08	1
Methylene Chloride	BDL	0.0057	mg/kg	8260B	07/01/08	1
4-Methyl-2-pentanone (MIBK)	BDL	0.011	mg/kg	8260B	07/01/08	1
Methyl tert-butyl ether	BDL	0.0011	mg/kg	8260B	07/01/08	1
Naphthalene	BDL	0.0057	mg/kg	8260B	07/01/08	1
n-Propylbenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
Styrene	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,1,1,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,1,2,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	07/01/08	1
Tetrachloroethene	BDL	0.0011	mg/kg	8260B	07/01/08	1
Toluene	BDL	0.0057	mg/kg	8260B	07/01/08	1
1,2,3-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,2,4-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,1,1-Trichloroethane	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,1,2-Trichloroethane	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0011	mg/kg	8260B	07/01/08	1
Trichloroethene	BDL	0.0011	mg/kg	8260B	07/01/08	1
Trichlorofluoromethane	BDL	0.0057	mg/kg	8260B	07/01/08	1
1,2,3-Trichloropropane	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,2,4-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,3,5-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
Vinyl chloride	BDL	0.0011	mg/kg	8260B	07/01/08	1
Xylenes, Total	0.0098	0.0034	mg/kg	8260B	07/01/08	1
Surrogate Recovery						
Toluene-d8	107.		% Rec.	8260B	07/01/08	1
Dibromofluoromethane	119.		% Rec.	8260B	07/01/08	1
4-Bromofluorobenzene	98.1		% Rec.	8260B	07/01/08	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Reported: 07/01/08 16:28 Printed: 07/01/08 16:28

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REPORT OF ANALYSIS

Chris Dionne
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

July 01,2008

ESC Sample # : L352201-06

Site ID :

Project # : 06.15416-I

Date Received : June 26, 2008
Description : Twin Lakes

Sample ID : L15 3 FT

Collected By : CLD-SKM
Collection Date : 06/25/08 12:56

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	87.6		%	2540G	07/01/08	1
Volatile Organics						
Acetone	0.058	0.057	mg/kg	8260B	07/01/08	1
Acrylonitrile	BDL	0.011	mg/kg	8260B	07/01/08	1
Benzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
Bromobenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
Bromodichloromethane	BDL	0.0011	mg/kg	8260B	07/01/08	1
Bromoform	BDL	0.0011	mg/kg	8260B	07/01/08	1
Bromomethane	BDL	0.0057	mg/kg	8260B	07/01/08	1
n-Butylbenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
sec-Butylbenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
tert-Butylbenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
Carbon tetrachloride	BDL	0.0011	mg/kg	8260B	07/01/08	1
Chlorobenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
Chlorodibromomethane	BDL	0.0011	mg/kg	8260B	07/01/08	1
Chloroethane	BDL	0.0057	mg/kg	8260B	07/01/08	1
2-Chloroethyl vinyl ether	BDL	0.057	mg/kg	8260B	07/01/08	1
Chloroform	BDL	0.0057	mg/kg	8260B	07/01/08	1
Chloromethane	BDL	0.0011	mg/kg	8260B	07/01/08	1
2-Chlorotoluene	BDL	0.0011	mg/kg	8260B	07/01/08	1
4-Chlorotoluene	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,2-Dibromo-3-Chloropropane	BDL	0.0057	mg/kg	8260B	07/01/08	1
1,2-Dibromoethane	BDL	0.0011	mg/kg	8260B	07/01/08	1
Dibromomethane	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,2-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,3-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,4-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
Dichlorodifluoromethane	BDL	0.0057	mg/kg	8260B	07/01/08	1
1,1-Dichloroethane	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,2-Dichloroethane	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,1-Dichloroethene	BDL	0.0011	mg/kg	8260B	07/01/08	1
cis-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	07/01/08	1
trans-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,1-Dichloropropene	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,3-Dichloropropane	BDL	0.0011	mg/kg	8260B	07/01/08	1
cis-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	07/01/08	1
trans-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	07/01/08	1
2,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	07/01/08	1
Di-isopropyl ether	BDL	0.0011	mg/kg	8260B	07/01/08	1
Ethylbenzene	0.022	0.0011	mg/kg	8260B	07/01/08	1
Hexachlorobutadiene	BDL	0.0011	mg/kg	8260B	07/01/08	1
Isopropylbenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Chris Dionne
ECS Carolinas - Raleigh, NC
9001 Glenwood Ave
Raleigh, NC 27617-7505

July 01,2008

ESC Sample # : L352201-06

Site ID :

Project # : 06.15416-I

Date Received : June 26, 2008
Description : Twin Lakes

Sample ID : L15 3 FT

Collected By : CLD-SKM
Collection Date : 06/25/08 12:56

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
p-Isopropyltoluene	BDL	0.0011	mg/kg	8260B	07/01/08	1
2-Butanone (MEK)	BDL	0.011	mg/kg	8260B	07/01/08	1
Methylene Chloride	BDL	0.0057	mg/kg	8260B	07/01/08	1
4-Methyl-2-pentanone (MIBK)	BDL	0.011	mg/kg	8260B	07/01/08	1
Methyl tert-butyl ether	BDL	0.0011	mg/kg	8260B	07/01/08	1
Naphthalene	BDL	0.0057	mg/kg	8260B	07/01/08	1
n-Propylbenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
Styrene	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,1,1,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,1,2,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	07/01/08	1
Tetrachloroethene	BDL	0.0011	mg/kg	8260B	07/01/08	1
Toluene	BDL	0.0057	mg/kg	8260B	07/01/08	1
1,2,3-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,2,4-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,1,1-Trichloroethane	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,1,2-Trichloroethane	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0011	mg/kg	8260B	07/01/08	1
Trichloroethene	BDL	0.0011	mg/kg	8260B	07/01/08	1
Trichlorofluoromethane	BDL	0.0057	mg/kg	8260B	07/01/08	1
1,2,3-Trichloropropane	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,2,4-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
1,3,5-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	07/01/08	1
Vinyl chloride	BDL	0.0011	mg/kg	8260B	07/01/08	1
Xylenes, Total	0.16	0.0034	mg/kg	8260B	07/01/08	1
Surrogate Recovery						
Toluene-d8	107.		% Rec.	8260B	07/01/08	1
Dibromofluoromethane	119.		% Rec.	8260B	07/01/08	1
4-Bromofluorobenzene	99.6		% Rec.	8260B	07/01/08	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Summary of Remarks For Samples Printed
07/01/08 at 16:28:41

TSR Signing Reports: 064
R5 - Desired TAT

Sample: L352201-01 Account: ECSRTPNC Received: 06/26/08 08:00 Due Date: 07/03/08 00:00 RPT Date: 07/01/08 16:28

Sample: L352201-02 Account: ECSRTPNC Received: 06/26/08 08:00 Due Date: 07/03/08 00:00 RPT Date: 07/01/08 16:28

Sample: L352201-03 Account: ECSRTPNC Received: 06/26/08 08:00 Due Date: 07/03/08 00:00 RPT Date: 07/01/08 16:28

Sample: L352201-04 Account: ECSRTPNC Received: 06/26/08 08:00 Due Date: 07/03/08 00:00 RPT Date: 07/01/08 16:28

Sample: L352201-05 Account: ECSRTPNC Received: 06/26/08 08:00 Due Date: 07/03/08 00:00 RPT Date: 07/01/08 16:28

Sample: L352201-06 Account: ECSRTPNC Received: 06/26/08 08:00 Due Date: 07/03/08 00:00 RPT Date: 07/01/08 16:28

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Chris Dionne
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Raleigh, NC 27617-7505

Quality Assurance Report
Level II

L352201

July 01, 2008

Laboratory Blank

Analyte	Result	Units	Date Analyzed	Batch
Total Solids	< .1	%	07/01/08 09:06	WG369501
Total Solids	< .1	%	07/01/08 09:29	WG369502
1,1,1,2-Tetrachloroethane	< .001	mg/kg	07/01/08 08:15	WG369682
1,1,1-Trichloroethane	< .001	mg/kg	07/01/08 08:15	WG369682
1,1,2,2-Tetrachloroethane	< .001	mg/kg	07/01/08 08:15	WG369682
1,1,2-Trichloroethane	< .001	mg/kg	07/01/08 08:15	WG369682
1,1,2-Trichloro-1,2,2-trifluoroethane	< .001	mg/kg	07/01/08 08:15	WG369682
1,1-Dichloroethane	< .001	mg/kg	07/01/08 08:15	WG369682
1,1-Dichloroethene	< .001	mg/kg	07/01/08 08:15	WG369682
1,1-Dichloropropene	< .001	mg/kg	07/01/08 08:15	WG369682
1,2,3-Trichlorobenzene	< .001	mg/kg	07/01/08 08:15	WG369682
1,2,3-Trichloropropane	< .001	mg/kg	07/01/08 08:15	WG369682
1,2,4-Trichlorobenzene	< .001	mg/kg	07/01/08 08:15	WG369682
1,2,4-Trimethylbenzene	< .001	mg/kg	07/01/08 08:15	WG369682
1,2-Dibromo-3-Chloropropane	< .005	mg/kg	07/01/08 08:15	WG369682
1,2-Dibromoethane	< .001	mg/kg	07/01/08 08:15	WG369682
1,2-Dichlorobenzene	< .001	mg/kg	07/01/08 08:15	WG369682
1,2-Dichloroethane	< .001	mg/kg	07/01/08 08:15	WG369682
1,2-Dichloropropane	< .001	mg/kg	07/01/08 08:15	WG369682
1,3,5-Trimethylbenzene	< .001	mg/kg	07/01/08 08:15	WG369682
1,3-Dichlorobenzene	< .001	mg/kg	07/01/08 08:15	WG369682
1,3-Dichloropropane	< .001	mg/kg	07/01/08 08:15	WG369682
1,4-Dichlorobenzene	< .001	mg/kg	07/01/08 08:15	WG369682
2,2-Dichloropropane	< .001	mg/kg	07/01/08 08:15	WG369682
2-Butanone (MEK)	< .01	mg/kg	07/01/08 08:15	WG369682
2-Chloroethyl vinyl ether	< .001	mg/kg	07/01/08 08:15	WG369682
2-Chlorotoluene	< .001	mg/kg	07/01/08 08:15	WG369682
4-Chlorotoluene	< .001	mg/kg	07/01/08 08:15	WG369682
4-Methyl-2-pentanone (MIBK)	< .01	mg/kg	07/01/08 08:15	WG369682
Acetone	< .05	mg/kg	07/01/08 08:15	WG369682
Acrylonitrile	< .01	mg/kg	07/01/08 08:15	WG369682
Benzene	< .001	mg/kg	07/01/08 08:15	WG369682
Bromobenzene	< .001	mg/kg	07/01/08 08:15	WG369682
Bromodichloromethane	< .001	mg/kg	07/01/08 08:15	WG369682
Bromoform	< .001	mg/kg	07/01/08 08:15	WG369682
Bromomethane	< .005	mg/kg	07/01/08 08:15	WG369682
Carbon tetrachloride	< .001	mg/kg	07/01/08 08:15	WG369682
Chlorobenzene	< .001	mg/kg	07/01/08 08:15	WG369682
Chlorodibromomethane	< .001	mg/kg	07/01/08 08:15	WG369682
Chloroethane	< .005	mg/kg	07/01/08 08:15	WG369682
Chloroform	< .005	mg/kg	07/01/08 08:15	WG369682
Chloromethane	< .001	mg/kg	07/01/08 08:15	WG369682
cis-1,2-Dichloroethene	< .001	mg/kg	07/01/08 08:15	WG369682
cis-1,3-Dichloropropene	< .001	mg/kg	07/01/08 08:15	WG369682
Di-isopropyl ether	< .001	mg/kg	07/01/08 08:15	WG369682
Dibromomethane	< .001	mg/kg	07/01/08 08:15	WG369682
Dichlorodifluoromethane	< .005	mg/kg	07/01/08 08:15	WG369682
Ethylbenzene	< .001	mg/kg	07/01/08 08:15	WG369682
Hexachlorobutadiene	< .001	mg/kg	07/01/08 08:15	WG369682
Isopropylbenzene	< .001	mg/kg	07/01/08 08:15	WG369682
Methyl tert-butyl ether	< .001	mg/kg	07/01/08 08:15	WG369682
Methylene Chloride	< .005	mg/kg	07/01/08 08:15	WG369682
n-Butylbenzene	< .001	mg/kg	07/01/08 08:15	WG369682
n-Propylbenzene	< .001	mg/kg	07/01/08 08:15	WG369682
Naphthalene	< .005	mg/kg	07/01/08 08:15	WG369682
p-Isopropyltoluene	< .001	mg/kg	07/01/08 08:15	WG369682
sec-Butylbenzene	< .001	mg/kg	07/01/08 08:15	WG369682
Styrene	< .001	mg/kg	07/01/08 08:15	WG369682

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Quality Assurance Report
Level II

L352201

July 01, 2008

tert-Butylbenzene	< .001	mg/kg	07/01/08 08:15	WG369682

Laboratory Blank

Analyte	Result	Units	Date Analyzed	Batch
Tetrachloroethene	< .001	mg/kg	07/01/08 08:15	WG369682
Toluene	< .005	mg/kg	07/01/08 08:15	WG369682
trans-1,2-Dichloroethene	< .001	mg/kg	07/01/08 08:15	WG369682
trans-1,3-Dichloropropene	< .001	mg/kg	07/01/08 08:15	WG369682
Trichloroethene	< .001	mg/kg	07/01/08 08:15	WG369682
Trichlorofluoromethane	< .005	mg/kg	07/01/08 08:15	WG369682
Vinyl chloride	< .001	mg/kg	07/01/08 08:15	WG369682
Xylenes, Total	< .003	mg/kg	07/01/08 08:15	WG369682

Duplicate

Analyte	Units	Result	Duplicate	RPD	Limit	Ref Samp	Batch
Total Solids	%	73.4	70.9	3.53	5	L352597-01	WG369501
Total Solids	%	84.6	84.5	0.121	5	L352208-06	WG369502

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
Total Solids	%	50	50.0	100.	85-115	WG369501
Total Solids	%	50	49.9	99.8	85-115	WG369502
1,1,1,2-Tetrachloroethane	mg/kg	.05	0.0530	106.	73-134	WG369682
1,1,1-Trichloroethane	mg/kg	.05	0.0597	119.	62-135	WG369682
1,1,2,2-Tetrachloroethane	mg/kg	.05	0.0552	110.	74-129	WG369682
1,1,2-Trichloroethane	mg/kg	.05	0.0524	105.	77-124	WG369682
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	.05	0.0591	118.	49-155	WG369682
1,1-Dichloroethane	mg/kg	.05	0.0607	121.	61-134	WG369682
1,1-Dichloroethene	mg/kg	.05	0.0557	111.	53-136	WG369682
1,1-Dichloropropene	mg/kg	.05	0.0586	117.	63-132	WG369682
1,2,3-Trichlorobenzene	mg/kg	.05	0.0498	99.6	62-146	WG369682
1,2,3-Trichloropropane	mg/kg	.05	0.0542	108.	70-133	WG369682
1,2,4-Trichlorobenzene	mg/kg	.05	0.0494	98.8	61-148	WG369682
1,2,4-Trimethylbenzene	mg/kg	.05	0.0524	105.	68-135	WG369682
1,2-Dibromo-3-Chloropropane	mg/kg	.05	0.0556	111.	61-134	WG369682
1,2-Dibromoethane	mg/kg	.05	0.0532	106.	76-127	WG369682
1,2-Dichlorobenzene	mg/kg	.05	0.0506	101.	77-123	WG369682
1,2-Dichloroethane	mg/kg	.05	0.0632	126.	58-141	WG369682
1,2-Dichloropropane	mg/kg	.05	0.0557	111.	71-128	WG369682
1,3,5-Trimethylbenzene	mg/kg	.05	0.0527	105.	71-133	WG369682
1,3-Dichlorobenzene	mg/kg	.05	0.0499	99.9	71-132	WG369682
1,3-Dichloropropane	mg/kg	.05	0.0516	103.	76-120	WG369682
1,4-Dichlorobenzene	mg/kg	.05	0.0508	102.	72-123	WG369682
2,2-Dichloropropane	mg/kg	.05	0.0639	128.	50-147	WG369682
2-Butanone (MEK)	mg/kg	.25	0.298	119.	51-131	WG369682
2-Chloroethyl vinyl ether	mg/kg	.25	0.285	114.	0-188	WG369682
2-Chlorotoluene	mg/kg	.05	0.0527	105.	73-128	WG369682
4-Chlorotoluene	mg/kg	.05	0.0522	104.	72-129	WG369682
4-Methyl-2-pentanone (MIBK)	mg/kg	.25	0.296	119.	61-143	WG369682
Acetone	mg/kg	.25	0.303	121.	44-140	WG369682
Acrylonitrile	mg/kg	.25	0.303	121.	55-143	WG369682
Benzene	mg/kg	.05	0.0562	112.	65-128	WG369682
Bromobenzene	mg/kg	.05	0.0530	106.	75-123	WG369682
Bromodichloromethane	mg/kg	.05	0.0578	116.	66-126	WG369682
Bromoform	mg/kg	.05	0.0554	111.	64-139	WG369682
Bromomethane	mg/kg	.05	0.0502	100.	41-175	WG369682
Carbon tetrachloride	mg/kg	.05	0.0578	116.	60-140	WG369682
Chlorobenzene	mg/kg	.05	0.0503	101.	75-125	WG369682

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Quality Assurance Report
Level II

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Chlorodibromomethane	mg/kg	.05	0.0538	108.	72-137	WG369682

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
Chloroethane	mg/kg	.05	0.0533	107.	44-159	WG369682
Chloroform	mg/kg	.05	0.0553	111.	63-123	WG369682
Chloromethane	mg/kg	.05	0.0518	104.	42-149	WG369682
cis-1,2-Dichloroethene	mg/kg	.05	0.0567	113.	71-129	WG369682
cis-1,3-Dichloropropene	mg/kg	.05	0.0557	111.	73-132	WG369682
Di-isopropyl ether	mg/kg	.05	0.0627	125.	59-143	WG369682
Dibromomethane	mg/kg	.05	0.0575	115.	70-130	WG369682
Dichlorodifluoromethane	mg/kg	.05	0.0458	91.7	26-186	WG369682
Ethylbenzene	mg/kg	.05	0.0502	100.	74-128	WG369682
Hexachlorobutadiene	mg/kg	.05	0.0473	94.6	65-137	WG369682
Isopropylbenzene	mg/kg	.05	0.0516	103.	73-130	WG369682
Methyl tert-butyl ether	mg/kg	.05	0.0620	124.	44-148	WG369682
Methylene Chloride	mg/kg	.05	0.0561	112.	57-129	WG369682
n-Butylbenzene	mg/kg	.05	0.0547	109.	60-145	WG369682
n-Propylbenzene	mg/kg	.05	0.0524	105.	71-132	WG369682
Naphthalene	mg/kg	.05	0.0509	102.	61-142	WG369682
p-Isopropyltoluene	mg/kg	.05	0.0520	104.	67-138	WG369682
sec-Butylbenzene	mg/kg	.05	0.0520	104.	71-134	WG369682
Styrene	mg/kg	.05	0.0526	105.	76-133	WG369682
tert-Butylbenzene	mg/kg	.05	0.0510	102.	72-132	WG369682
Tetrachloroethene	mg/kg	.05	0.0494	98.8	65-135	WG369682
Toluene	mg/kg	.05	0.0517	103.	70-120	WG369682
trans-1,2-Dichloroethene	mg/kg	.05	0.0586	117.	61-133	WG369682
trans-1,3-Dichloropropene	mg/kg	.05	0.0571	114.	70-135	WG369682
Trichloroethene	mg/kg	.05	0.0530	106.	71-126	WG369682
Trichlorofluoromethane	mg/kg	.05	0.0559	112.	52-147	WG369682
Vinyl chloride	mg/kg	.05	0.0524	105.	50-151	WG369682
Xylenes, Total	mg/kg	.15	0.153	102.	74-127	WG369682

Laboratory Control Sample Duplicate

Analyte	Units	LCSD Res	Ref Res	RPD	Limit	%Rec	Batch
1,1,1,2-Tetrachloroethane	mg/kg	0.0516	0.0530	2.79	20	103	WG369682
1,1,1-Trichloroethane	mg/kg	0.0600	0.0597	0.588	20	120	WG369682
1,1,2,2-Tetrachloroethane	mg/kg	0.0519	0.0552	6.03	20	104	WG369682
1,1,2-Trichloroethane	mg/kg	0.0513	0.0524	2.05	20	103	WG369682
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0573	0.0591	3.10	20	115	WG369682
1,1-Dichloroethane	mg/kg	0.0588	0.0607	3.15	20	118	WG369682
1,1-Dichloroethene	mg/kg	0.0528	0.0557	5.41	20	106	WG369682
1,1-Dichloropropene	mg/kg	0.0568	0.0586	3.04	20	114	WG369682
1,2,3-Trichlorobenzene	mg/kg	0.0515	0.0498	3.27	20	103	WG369682
1,2,3-Trichloropropane	mg/kg	0.0509	0.0542	6.36	20	102	WG369682
1,2,4-Trichlorobenzene	mg/kg	0.0513	0.0494	3.88	20	103	WG369682
1,2,4-Trimethylbenzene	mg/kg	0.0511	0.0524	2.48	20	102	WG369682
1,2-Dibromo-3-Chloropropane	mg/kg	0.0531	0.0556	4.75	21	106	WG369682
1,2-Dibromoethane	mg/kg	0.0517	0.0532	2.81	20	103	WG369682
1,2-Dichlorobenzene	mg/kg	0.0513	0.0506	1.45	20	103	WG369682
1,2-Dichloroethane	mg/kg	0.0619	0.0632	2.04	20	124	WG369682
1,2-Dichloropropane	mg/kg	0.0565	0.0557	1.36	20	113	WG369682
1,3,5-Trimethylbenzene	mg/kg	0.0518	0.0527	1.59	20	104	WG369682
1,3-Dichlorobenzene	mg/kg	0.0491	0.0499	1.67	20	98	WG369682
1,3-Dichloropropane	mg/kg	0.0506	0.0516	2.11	20	101	WG369682
1,4-Dichlorobenzene	mg/kg	0.0512	0.0508	0.695	20	102	WG369682
2,2-Dichloropropane	mg/kg	0.0661	0.0639	3.46	20	132	WG369682
2-Butanone (MEK)	mg/kg	0.281	0.298	6.16	25	112	WG369682
2-Chloroethyl vinyl ether	mg/kg	0.296	0.285	3.95	39	118	WG369682
2-Chlorotoluene	mg/kg	0.0518	0.0527	1.66	20	104	WG369682
4-Chlorotoluene	mg/kg	0.0512	0.0522	1.86	20	102	WG369682
4-Methyl-2-pentanone (MIBK)	mg/kg	0.293	0.296	1.19	23	117	WG369682

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Acetone	mg/kg	0.279	0.303	8.17	25	112	WG369682

Laboratory Control Sample Duplicate

Analyte	Units	LCSD Res	Ref Res	RPD	Limit	%Rec	Batch
Acrylonitrile	mg/kg	0.284	0.303	6.16	20	114	WG369682
Benzene	mg/kg	0.0560	0.0562	0.196	20	112	WG369682
Bromobenzene	mg/kg	0.0522	0.0530	1.54	20	104	WG369682
Bromodichloromethane	mg/kg	0.0573	0.0578	0.921	20	115	WG369682
Bromoform	mg/kg	0.0541	0.0554	2.36	20	108	WG369682
Bromomethane	mg/kg	0.0494	0.0502	1.63	20	99	WG369682
Carbon tetrachloride	mg/kg	0.0577	0.0578	0.180	20	115	WG369682
Chlorobenzene	mg/kg	0.0500	0.0503	0.513	20	100	WG369682
Chlorodibromomethane	mg/kg	0.0527	0.0538	2.07	20	105	WG369682
Chloroethane	mg/kg	0.0518	0.0533	2.97	20	104	WG369682
Chloroform	mg/kg	0.0551	0.0553	0.501	20	110	WG369682
Chloromethane	mg/kg	0.0499	0.0518	3.63	20	100	WG369682
cis-1,2-Dichloroethene	mg/kg	0.0565	0.0567	0.356	20	113	WG369682
cis-1,3-Dichloropropene	mg/kg	0.0574	0.0557	2.95	20	115	WG369682
Di-isopropyl ether	mg/kg	0.0618	0.0627	1.38	20	124	WG369682
Dibromomethane	mg/kg	0.0553	0.0575	3.92	20	111	WG369682
Dichlorodifluoromethane	mg/kg	0.0439	0.0458	4.32	22	88	WG369682
Ethylbenzene	mg/kg	0.0504	0.0502	0.471	20	101	WG369682
Hexachlorobutadiene	mg/kg	0.0500	0.0473	5.59	20	100	WG369682
Isopropylbenzene	mg/kg	0.0510	0.0516	1.15	20	102	WG369682
Methyl tert-butyl ether	mg/kg	0.0600	0.0620	3.29	20	120	WG369682
Methylene Chloride	mg/kg	0.0546	0.0561	2.55	20	109	WG369682
n-Butylbenzene	mg/kg	0.0571	0.0547	4.35	20	114	WG369682
n-Propylbenzene	mg/kg	0.0520	0.0524	0.621	20	104	WG369682
Naphthalene	mg/kg	0.0504	0.0509	0.956	20	101	WG369682
p-Isopropyltoluene	mg/kg	0.0518	0.0520	0.484	20	104	WG369682
sec-Butylbenzene	mg/kg	0.0514	0.0520	1.03	20	103	WG369682
Styrene	mg/kg	0.0527	0.0526	0.115	20	105	WG369682
tert-Butylbenzene	mg/kg	0.0504	0.0510	1.29	20	101	WG369682
Tetrachloroethene	mg/kg	0.0495	0.0494	0.270	20	99	WG369682
Toluene	mg/kg	0.0530	0.0517	2.53	20	106	WG369682
trans-1,2-Dichloroethene	mg/kg	0.0577	0.0586	1.65	20	115	WG369682
trans-1,3-Dichloropropene	mg/kg	0.0579	0.0571	1.47	20	116	WG369682
Trichloroethene	mg/kg	0.0530	0.0530	0.0428	20	106	WG369682
Trichlorofluoromethane	mg/kg	0.0543	0.0559	3.08	20	109	WG369682
Vinyl chloride	mg/kg	0.0509	0.0524	2.96	20	102	WG369682
Xylenes, Total	mg/kg	0.152	0.153	0.694	20	102	WG369682

Matrix Spike

Analyte	Units	MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
1,1,1,2-Tetrachloroethane	mg/kg	0.234	0.00	.05	93.7	29-145	L352208-06	WG369682
1,1,1-Trichloroethane	mg/kg	0.303	0.00	.05	121.	23-147	L352208-06	WG369682
1,1,2,2-Tetrachloroethane	mg/kg	0.249	0.00	.05	99.4	18-150	L352208-06	WG369682
1,1,2-Trichloroethane	mg/kg	0.235	0.00	.05	94.0	35-140	L352208-06	WG369682
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.315	0.00	.05	126.	10-145	L352208-06	WG369682
1,1-Dichloroethane	mg/kg	0.299	0.00	.05	120.	24-148	L352208-06	WG369682
1,1-Dichloroethene	mg/kg	0.270	0.00	.05	108.	10-149	L352208-06	WG369682
1,1-Dichloropropene	mg/kg	0.284	0.00	.05	114.	10-141	L352208-06	WG369682
1,2,3-Trichlorobenzene	mg/kg	0.191	0.00	.05	76.4	10-129	L352208-06	WG369682
1,2,3-Trichloropropane	mg/kg	0.248	0.00	.05	99.1	30-148	L352208-06	WG369682
1,2,4-Trichlorobenzene	mg/kg	0.186	0.00	.05	74.6	10-119	L352208-06	WG369682
1,2,4-Trimethylbenzene	mg/kg	0.219	0.00	.05	87.5	10-145	L352208-06	WG369682
1,2-Dibromo-3-Chloropropane	mg/kg	0.242	0.00	.05	96.6	19-145	L352208-06	WG369682
1,2-Dibromoethane	mg/kg	0.241	0.00	.05	96.5	24-145	L352208-06	WG369682
1,2-Dichlorobenzene	mg/kg	0.216	0.00	.05	86.3	12-130	L352208-06	WG369682
1,2-Dichloroethane	mg/kg	0.326	0.00	.05	130.	21-155	L352208-06	WG369682
1,2-Dichloropropane	mg/kg	0.278	0.00	.05	111.	28-144	L352208-06	WG369682
1,3,5-Trimethylbenzene	mg/kg	0.223	0.00	.05	89.2	10-135	L352208-06	WG369682

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1,3-Dichlorobenzene	mg/kg	0.203	0.00	.05	81.3	10-129	L352208-06	WG369682

Matrix Spike

Analyte	Units	MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
1,3-Dichloropropane	mg/kg	0.237	0.00	.05	95.0	31-137	L352208-06	WG369682
1,4-Dichlorobenzene	mg/kg	0.207	0.00	.05	82.9	10-121	L352208-06	WG369682
2,2-Dichloropropane	mg/kg	0.355	0.00	.05	142.	18-144	L352208-06	WG369682
2-Butanone (MEK)	mg/kg	1.43	0.00	.25	114.	21-143	L352208-06	WG369682
2-Chloroethyl vinyl ether	mg/kg	1.45	0.00	.25	116.	0-176	L352208-06	WG369682
2-Chlorotoluene	mg/kg	0.227	0.00	.05	90.6	10-132	L352208-06	WG369682
4-Chlorotoluene	mg/kg	0.221	0.00	.05	88.4	10-129	L352208-06	WG369682
4-Methyl-2-pentanone (MIBK)	mg/kg	1.46	0.00	.25	117.	31-151	L352208-06	WG369682
Acetone	mg/kg	1.55	0.00	.25	124.	13-158	L352208-06	WG369682
Acrylonitrile	mg/kg	1.50	0.00	.25	120.	20-154	L352208-06	WG369682
Benzene	mg/kg	0.274	0.00	.05	110.	16-143	L352208-06	WG369682
Bromobenzene	mg/kg	0.234	0.00	.05	93.8	14-135	L352208-06	WG369682
Bromodichloromethane	mg/kg	0.279	0.00	.05	112.	27-139	L352208-06	WG369682
Bromoform	mg/kg	0.233	0.00	.05	93.1	21-144	L352208-06	WG369682
Bromomethane	mg/kg	0.272	0.00	.05	109.	0-180	L352208-06	WG369682
Carbon tetrachloride	mg/kg	0.287	0.00	.05	115.	12-149	L352208-06	WG369682
Chlorobenzene	mg/kg	0.220	0.00	.05	88.1	17-134	L352208-06	WG369682
Chlorodibromomethane	mg/kg	0.236	0.00	.05	94.3	28-147	L352208-06	WG369682
Chloroethane	mg/kg	0.287	0.00	.05	115.	0-172	L352208-06	WG369682
Chloroform	mg/kg	0.275	0.00	.05	110.	28-138	L352208-06	WG369682
Chloromethane	mg/kg	0.302	0.00	.05	121.	10-158	L352208-06	WG369682
cis-1,2-Dichloroethene	mg/kg	0.275	0.00	.05	110.	21-147	L352208-06	WG369682
cis-1,3-Dichloropropene	mg/kg	0.272	0.00	.05	109.	17-145	L352208-06	WG369682
Di-isopropyl ether	mg/kg	0.316	0.00	.05	126.	31-153	L352208-06	WG369682
Dibromomethane	mg/kg	0.276	0.00	.05	111.	24-147	L352208-06	WG369682
Dichlorodifluoromethane	mg/kg	0.292	0.00	.05	117.	0-192	L352208-06	WG369682
Ethylbenzene	mg/kg	0.222	0.00	.05	88.7	12-137	L352208-06	WG369682
Hexachlorobutadiene	mg/kg	0.184	0.00	.05	73.6	10-123	L352208-06	WG369682
Isopropylbenzene	mg/kg	0.224	0.00	.05	89.7	14-134	L352208-06	WG369682
Methyl tert-butyl ether	mg/kg	0.303	0.00	.05	121.	21-157	L352208-06	WG369682
Methylene Chloride	mg/kg	0.257	0.00	.05	103.	12-149	L352208-06	WG369682
n-Butylbenzene	mg/kg	0.231	0.00	.05	92.2	10-130	L352208-06	WG369682
n-Propylbenzene	mg/kg	0.225	0.00	.05	90.2	10-130	L352208-06	WG369682
Naphthalene	mg/kg	0.215	0.00	.05	85.9	0-146	L352208-06	WG369682
p-Isopropyltoluene	mg/kg	0.216	0.00	.05	86.4	10-131	L352208-06	WG369682
sec-Butylbenzene	mg/kg	0.219	0.00	.05	87.5	10-134	L352208-06	WG369682
Styrene	mg/kg	0.228	0.00	.05	91.3	10-140	L352208-06	WG369682
tert-Butylbenzene	mg/kg	0.219	0.00	.05	87.6	11-137	L352208-06	WG369682
Tetrachloroethene	mg/kg	0.210	0.00	.05	83.9	10-131	L352208-06	WG369682
Toluene	mg/kg	0.245	0.00	.05	98.2	12-136	L352208-06	WG369682
trans-1,2-Dichloroethene	mg/kg	0.281	0.00	.05	112.	10-143	L352208-06	WG369682
trans-1,3-Dichloropropene	mg/kg	0.274	0.00	.05	110.	16-147	L352208-06	WG369682
Trichloroethene	mg/kg	0.245	0.00	.05	97.9	10-155	L352208-06	WG369682
Trichlorofluoromethane	mg/kg	0.299	0.00	.05	120.	10-154	L352208-06	WG369682
Vinyl chloride	mg/kg	0.298	0.00	.05	119.	10-159	L352208-06	WG369682
Xylenes, Total	mg/kg	0.668	0.00	.15	89.1	10-138	L352208-06	WG369682

Matrix Spike Duplicate

Analyte	Units	MSD Res	Ref Res	RPD	Limit	%Rec	Ref Samp	Batch
1,1,1,2-Tetrachloroethane	mg/kg	0.233	0.234	0.525	31	93.2	L352208-06	WG369682
1,1,1-Trichloroethane	mg/kg	0.304	0.303	0.283	32	122.	L352208-06	WG369682
1,1,2,2-Tetrachloroethane	mg/kg	0.242	0.249	2.82	33	96.6	L352208-06	WG369682
1,1,2-Trichloroethane	mg/kg	0.242	0.235	2.80	29	96.7	L352208-06	WG369682
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.309	0.315	2.21	35	123.	L352208-06	WG369682
1,1-Dichloroethane	mg/kg	0.297	0.299	0.803	31	119.	L352208-06	WG369682
1,1-Dichloroethene	mg/kg	0.264	0.270	2.50	34	105.	L352208-06	WG369682
1,1-Dichloropropene	mg/kg	0.283	0.284	0.503	34	113.	L352208-06	WG369682
1,2,3-Trichlorobenzene	mg/kg	0.187	0.191	1.85	43	75.0	L352208-06	WG369682

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1,2,3-Trichloropropane	mg/kg	0.235	0.248	5.04	32	94.2	L352208-06	WG369682

Matrix Spike Duplicate

Analyte	Units	MSD Res	Ref Res	RPD	Limit	%Rec	Ref Samp	Batch
1,2,4-Trichlorobenzene	mg/kg	0.185	0.186	0.539	44	74.2	L352208-06	WG369682
1,2,4-Trimethylbenzene	mg/kg	0.218	0.219	0.492	41	87.0	L352208-06	WG369682
1,2-Dibromo-3-Chloropropane	mg/kg	0.242	0.242	0.0081	35	96.6	L352208-06	WG369682
1,2-Dibromoethane	mg/kg	0.239	0.241	1.07	31	95.4	L352208-06	WG369682
1,2-Dichlorobenzene	mg/kg	0.220	0.216	1.90	35	87.9	L352208-06	WG369682
1,2-Dichloroethane	mg/kg	0.314	0.326	3.61	29	126.	L352208-06	WG369682
1,2-Dichloropropane	mg/kg	0.277	0.278	0.146	30	111.	L352208-06	WG369682
1,3,5-Trimethylbenzene	mg/kg	0.223	0.223	0.177	39	89.1	L352208-06	WG369682
1,3-Dichlorobenzene	mg/kg	0.197	0.203	3.04	38	78.9	L352208-06	WG369682
1,3-Dichloropropane	mg/kg	0.240	0.237	1.01	29	95.9	L352208-06	WG369682
1,4-Dichlorobenzene	mg/kg	0.211	0.207	2.02	36	84.6	L352208-06	WG369682
2,2-Dichloropropane	mg/kg	0.357	0.355	0.561	32	143.	L352208-06	WG369682
2-Butanone (MEK)	mg/kg	1.40	1.43	2.07	37	112.	L352208-06	WG369682
2-Chloroethyl vinyl ether	mg/kg	1.43	1.45	1.56	50	114.	L352208-06	WG369682
2-Chlorotoluene	mg/kg	0.225	0.227	0.678	37	90.0	L352208-06	WG369682
4-Chlorotoluene	mg/kg	0.217	0.221	1.61	38	87.0	L352208-06	WG369682
4-Methyl-2-pentanone (MIBK)	mg/kg	1.40	1.46	4.04	36	112.	L352208-06	WG369682
Acetone	mg/kg	1.48	1.55	4.84	34	118.	L352208-06	WG369682
Acrylonitrile	mg/kg	1.45	1.50	3.14	35	116.	L352208-06	WG369682
Benzene	mg/kg	0.275	0.274	0.294	31	110.	L352208-06	WG369682
Bromobenzene	mg/kg	0.230	0.234	2.04	39	91.9	L352208-06	WG369682
Bromodichloromethane	mg/kg	0.280	0.279	0.0914	30	112.	L352208-06	WG369682
Bromoform	mg/kg	0.235	0.233	0.899	34	94.0	L352208-06	WG369682
Bromomethane	mg/kg	0.270	0.272	0.837	41	108.	L352208-06	WG369682
Carbon tetrachloride	mg/kg	0.286	0.287	0.186	34	114.	L352208-06	WG369682
Chlorobenzene	mg/kg	0.222	0.220	0.684	34	88.8	L352208-06	WG369682
Chlorodibromomethane	mg/kg	0.237	0.236	0.757	32	95.0	L352208-06	WG369682
Chloroethane	mg/kg	0.283	0.287	1.27	38	113.	L352208-06	WG369682
Chloroform	mg/kg	0.275	0.275	0.205	30	110.	L352208-06	WG369682
Chloromethane	mg/kg	0.296	0.302	1.90	35	118.	L352208-06	WG369682
cis-1,2-Dichloroethene	mg/kg	0.276	0.275	0.234	31	110.	L352208-06	WG369682
cis-1,3-Dichloropropene	mg/kg	0.269	0.272	1.18	32	107.	L352208-06	WG369682
Di-isopropyl ether	mg/kg	0.313	0.316	1.07	29	125.	L352208-06	WG369682
Dibromomethane	mg/kg	0.274	0.276	0.893	30	110.	L352208-06	WG369682
Dichlorodifluoromethane	mg/kg	0.297	0.292	1.53	38	119.	L352208-06	WG369682
Ethylbenzene	mg/kg	0.225	0.222	1.62	36	90.1	L352208-06	WG369682
Hexachlorobutadiene	mg/kg	0.182	0.184	0.916	50	72.9	L352208-06	WG369682
Isopropylbenzene	mg/kg	0.224	0.224	0.126	37	89.6	L352208-06	WG369682
Methyl tert-butyl ether	mg/kg	0.299	0.303	1.29	31	120.	L352208-06	WG369682
Methylene Chloride	mg/kg	0.256	0.257	0.365	31	102.	L352208-06	WG369682
n-Butylbenzene	mg/kg	0.233	0.231	1.24	48	93.4	L352208-06	WG369682
n-Propylbenzene	mg/kg	0.222	0.225	1.36	40	89.0	L352208-06	WG369682
Naphthalene	mg/kg	0.211	0.215	1.72	43	84.4	L352208-06	WG369682
p-Isopropyltoluene	mg/kg	0.212	0.216	1.90	43	84.8	L352208-06	WG369682
sec-Butylbenzene	mg/kg	0.216	0.219	1.35	43	86.4	L352208-06	WG369682
Styrene	mg/kg	0.225	0.228	1.44	35	90.0	L352208-06	WG369682
tert-Butylbenzene	mg/kg	0.217	0.219	0.840	39	86.9	L352208-06	WG369682
Tetrachloroethene	mg/kg	0.215	0.210	2.50	35	86.0	L352208-06	WG369682
Toluene	mg/kg	0.247	0.245	0.801	32	99.0	L352208-06	WG369682
trans-1,2-Dichloroethene	mg/kg	0.281	0.281	0.116	33	112.	L352208-06	WG369682
trans-1,3-Dichloropropene	mg/kg	0.272	0.274	0.919	32	109.	L352208-06	WG369682
Trichloroethene	mg/kg	0.244	0.245	0.172	33	97.8	L352208-06	WG369682
Trichlorofluoromethane	mg/kg	0.292	0.299	2.19	32	117.	L352208-06	WG369682
Vinyl chloride	mg/kg	0.296	0.298	0.503	36	118.	L352208-06	WG369682
Xylenes, Total	mg/kg	0.673	0.668	0.700	36	89.7	L352208-06	WG369682

Batch number /Run number / Sample number cross reference

ENVIRONMENTAL
SCIENCE CORP.

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

Tax I.D. 62-0814289

Est. 1970

ECS Carolinas - Raleigh, NC
Chris Dionne
9001 Glenwood Ave

Raleigh, NC 27617-7505

Quality Assurance Report
Level II

L352201

July 01, 2008

WG369502: R400288: L352201-04 05 06
WG369501: R400295: L352201-01 02 03
WG369682: R400844: L352201-01 02 03 04 05 06

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

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Quality Assurance Report
Level II

L352201

July 01, 2008

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.

APPENDIX F

DISPOSAL MANIFEST(S)

265914

INV 62116

REPUBLIC SERVICES, INC.

NON-HAZARDOUS WASTE MANIFEST

GENERATOR INFORMATION		CUSTOMER/BILLING INFORMATION	
Generator Name [illegible]		Billing Name [illegible]	
Address [illegible]		Address PO Box 454	
City [illegible]	County [illegible]	City [illegible]	County [illegible]
State NC	Zip [illegible]	State NC	Zip [illegible]

Site Location: [illegible] 555 [illegible] Mooresville, NC

Identification Serial Number:

Republic Services Approval #	Description of Waste	Volume/Weight	Expiration Date	Container Type
71230	Solid Concrete		12-11-08	Dump
	Debris with Xylene	3.50		

*Attach Additional Sheet if Necessary

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law. Further, that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Generator/Authorized Agent Name | Signature | Date Shipped

TRANSPORTER INFORMATION

Transporter Name: _____ DOT#: _____

Address: [illegible] Truck Number: [illegible]

[illegible] Phone Number: _____

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transported in this vehicle is the waste identified above, to the best of my knowledge.

Name of Authorized Agent | Signature | Date Delivered

DISPOSAL SITE INFORMATION

Site Name [illegible] Phone Number [illegible]

Address [illegible]

I hereby acknowledge receipt of the above described materials

Name | Signature | Date Received