APRIL 2008
SEMI-ANNUAL MONITORING OF GROUNDWATER AND SURFACE WATER

LINCOLN COUNTY LANDFILL
PERMIT # 55-03
LINCOLN COUNTY
CROUSE, NORTH CAROLINA
S&ME PROJECT No. 1356-07-004

Prepared for:

LINCOLN COUNTY
5291 Crouse Road
Crouse, North Carolina 28033

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July 8, 2008

DENR USE ONLY: ☐ Paper Report ☐ Electronic Data - Email CD (data loaded: Yes / No) Doc/Event #:

NC DENR
Division of Waste Management - Solid Waste

Environmental Monitoring Reporting Form

Notice: This form and any information attached to it are "Public Records" as defined in NC General Statute 132-1. As such, these documents are available for inspection and examination by any person upon request (NC General Statute 132-6).

Instructions:

- **Prepare one form for each individually monitored unit.**
- **Please type or print legibly.**
- Attach a notification table with values that attain or exceed NC 2L groundwater standards or NC 2B surface water standards. The notification must include a preliminary analysis of the cause and significance of each value. (e.g. naturally occurring, off-site source, pre-existing condition, etc.).
- Attach a notification table of any groundwater or surface water values that equal or exceed the reporting limits.
- Attach a notification table of any methane gas values that attain or exceed explosive gas levels. This includes any structures on or nearby the facility (NCAC 13B .1629 (4)(a)(i).
- In Accordance with NC General Statutes Chapter 89C and 89E and NC Solid Waste Management Rules 15A NCAC 13B, be sure to affix a seal to the bottom of this page, when applicable.
- Send the original signed and sealed form, any tables, and Electronic Data Deliverable to: Compliance Unit, NCDENR-DWM, Solid Waste Section, 1646 Mail Service Center, Raleigh, NC 27699-1646.

Solid Waste Monitoring Data Submittal Information

Name of entity submitting data (laboratory, consultant, facility owner):

Consultant - S&ME, INC.

Contact for questions about data formatting. Include data preparer's name, telephone number and E-mail address:

Name: Julie R. Petersen, P.G. Phone: 704-523-4726

E-mail: jpetersen@smeinc.com

Facility name:	Facility Address:	Facility Permit #	NC Landfill Rule: (.0500 or .1600)	Actual sampling dates (e.g., October 20-24, 2006)
Lincoln County Landfill	5291 Crouse Rd. Crouse, NC 28033	55-03	.0500 and .1600	April 21-23, 2008

Environmental Status: (Check all that apply)

☐ Initial/Background Monitoring ☒ Detection Monitoring ☐ Assessment Monitoring ☐ Corrective Action

Type of data submitted: (Check all that apply)

☒ Groundwater monitoring data from monitoring wells
☐ Groundwater monitoring data from private water supply wells
☒ Leachate monitoring data
☒ Surface water monitoring data
☐ Methane gas monitoring data
☐ Corrective action data (specify) _____
☐ Other(specify)

Notification attached?

☐ No. No groundwater or surface water standards or explosive methane gas limits were exceeded.
☒ Yes, a notification of values exceeding a groundwater or surface water standard is attached. It includes a list of groundwater and surface water monitoring points, dates, analytical values, NC 2L groundwater standard, NC 2B surface water standard or NC Solid Waste GWPS and preliminary analysis of the cause and significance of any concentration.
☐ Yes, a notification of values exceeding an explosive methane gas limit is attached. It includes the methane monitoring points, dates, sample values and explosive methane gas limits.

Certification

To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct. Furthermore, I have attached complete notification of any sampling values meeting or exceeding groundwater standards or explosive gas levels, and a preliminary analysis of the cause and significance of concentrations exceeding groundwater standards. I am aware that there are significant penalties for making any false statement, representation, or certification including the possibility of a fine and imprisonment.

Julie R. Petersen, P.G. | Project Manager | 704-523-4726

Facility Representative Name (Print) | Title | (Area Code) Telephone Number

Julie R. Petersen 7/8/08

Signature | Date

Affix NC Licensed/ Professional Geologist/Engineer Seal here:

NORTH CAROLINA LICENSED SEAL 1995 GEOLOGIST JULIE R. PETERSEN

Revised 10/2006

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1.0 INTRODUCTION

S&ME, Inc. (S&ME) was contracted by Lincoln County to provide groundwater, surface water, and leachate monitoring services at the Lincoln County Landfill located at 5291 Crouse Road in Crouse, North Carolina. This monitoring event was conducted April 21 through April 23, 2008.

This report presents the results of the first sampling event for the year 2008 at the facility. The facility's monitoring network includes one background well (MW-1A), twenty-eight compliance wells, five surface water sample locations, and one leachate sample. The next sampling event is scheduled for October 2008.

2.0 GROUNDWATER LEVELS AND FLOW DATA

The water table elevations and our interpretation of the groundwater surface expressed as a potentiometric map along with groundwater flow direction are shown on Figure 1. Based upon the groundwater elevations in the vicinity of the landfill, groundwater in this area is projected to flow primarily to the south, with secondary flow toward the southwest and southeast toward tributaries located east and west of the landfills. Groundwater levels for the monitoring wells are presented in Table 1.

3.0 ANALYTICAL DATA

Analytical results for the landfill monitoring wells, surface water samples, and leachate sample are summarized in Tables 2 through 8. The detections above the NCAC 2L groundwater standards and/or SW GWP standard are highlighted in grey. Well sampling logs containing field measurements of pH, conductivity, temperature and water levels are included in Appendix I.

3.1 MONITORING WELL SAMPLING

3.11 MSW Area "E" and Phase 1

MSW Area "E" and Phase 1 monitoring well locations were sampled for Appendix I volatile organic constituents (VOCs) and Appendix I metals. In addition to Appendix I VOCs and metals, the groundwater analysis for background monitoring well MW-1A also included inorganic constituents iron and manganese. A summary of the detected analytes associated with this Phase of the landfill is included as Table 2. The monitoring well network associated with these areas include background well MW-1A, compliance wells MW-8, MW-9, and MW-10R which monitor the recently abandoned leachate pond, and compliance wells MW-12 through MW-20 which monitor down gradient and side gradient of the unlined MSW landfill Area "E" and the lined MSW landfill identified as Phase 1.

Based on the laboratory analytical reports, sixteen volatile organic compounds and eighteen metals were detected in MSW Area "E" and Phase 1 monitoring wells during the April 2008 monitoring event.

Volatile Organic Compounds (VOCs)

Background monitoring well MW-1A had a detection of chloroform at a concentration of 9.4 µg/L, which is below the 2L standard of 70 µg/L. Both bromoform and chloroform have historically been detected in monitoring well MW-1A which are commonly associated with chlorinated municipal water. Due to MW-1A's close proximity to Crouse Road, it is likely the detection of chloroform in the well is from a leaking nearby municipal water or sewer line.

Monitoring wells MW-9 and MW-12 through MW-20 contained one to thirteen VOCs. Of the VOCs detected, four compounds were detected above their respective 2L standard: Benzene, methylene chloride, tetrachloroethene, and vinyl chloride.

The analytical results for monitoring well MW-13 indicated that benzene, tetrachloroethene, and vinyl chloride were detected above their respective 2L Standards at concentrations of 4.6, 3.1 and 0.97 J µg/L, respectively. The results for monitoring well MW-16R indicated that benzene, methylene chloride, and vinyl chloride were detected above their respective 2L Standard at concentrations of 7, 8.9, and 3.7 µg/L, respectively. The results for monitoring wells MW-17 and MW-19 indicated that tetrachloroethene was detected at a concentrations of 0.85 J and 1.3 µg/L, respectively, which is above the 2L Standard of 0.7 µg/L. The results for monitoring well MW-20 indicated that methylene chloride was detected at a concentration of 4.7 J µg/L, which is above the 2L Standard of 4.6 µg/L.

Monitoring wells MW-13, MW-16R, MW-17, MW-19 and MW-20 monitor down gradient and side gradient of the of the unlined Area "E" landfill and the VOCs detected in these wells are associated with the unlined landfill.

Inorganic Constituents (Metals)

All of the monitoring wells associated with the MSW Area "E" and Phase 1 landfills had four or more Appendix I metals detected, however only three constituents were detected above their respective SW GWP Standard: cobalt, thallium, and vanadium. Iron was also detected in background monitoring well MW-1A above its respective 2L Standard.

Cobalt was detected above its SW GWP Standard of 70 µg/L in monitoring well MW-13 at a concentration of 180 µg/L. Thallium was detected above its SW GWP Standard of 0.28 µg/L in monitoring wells MW-13 and MW-16R at 1.1 and 1.3 µg/L, respectively. Vanadium was detected above its SW GWP Standard of 3.5 µg/L in monitoring wells MW-10R, MW-15, and MW-16R at concentrations ranging from 3.7 J to 7.9 J µg/L. Vanadium was also detected in background monitoring well MW-1A above the SW GWP Standard.

Total metal concentrations in groundwater sampled from wells are often dependant on the turbidity or suspended particulates (from the aquifer formation) retrieved with the groundwater sample. The turbidity is a function of the sampling method, well

construction, how the well was developed, and the grain size/consolidation of the lithologic unit sampled. Since the unfiltered samples are acidified in the field at the time of collection, metals contained within the particulates are dissolved into the sample. Thus, the presence of turbidity in groundwater samples often results in elevated (false positive) analytical results for total metal concentrations. Therefore, the presence of elevated total metal concentrations does not necessarily correlate with groundwater impact.

Based on historical water quality data, the background well and each of the compliance wells (excluding MW-19R) have contained at least one total metal at concentrations above the 2L Standards. Metal concentrations in several wells have fluctuated below and above detection limits. In the background well MW-1A, beryllium, cadmium, chromium, cobalt, iron, lead, silver, and vanadium have been detected at concentrations above the 2L standards. Based on this data, it appears that the majority of the metals detected within the monitoring wells are either naturally occurring or a product of turbidity during sampling.

3.12 MSW Phase 2

MSW Phase 2 monitoring well locations were sampled for Appendix I volatile organic compounds (VOCs) and Appendix I metals. A summary of the detected analytes associated with this Phase of the landfill is included as Table 3. The monitoring well network associated with this Phase are compliance wells MW-21 and MW-24 which monitor side gradient of the landfill and MW-25 and MW-25A which monitor the Phase 2 sump.

Volatile Organic Compounds (VOCs)

Based on the laboratory analytical results, acetone was detected in monitoring wells MW-21 and MW-25A at concentrations of 23 J and 180 µg/L, respectively. 2-Butanone was detected in monitoring well MW-25A at a concentration of 4.8 J µg/L, which is below the respective 2L Standard. Please note that acetone and 2-butanone were detected at relatively low concentrations and are possible laboratory contaminants or possible field contaminants resulting from isopropyl alcohol used to decontaminate the pump during well purging. Environmental Science Corportation (ESC) Laboratory provided a letter stating this possible sample contamination, and the letter has been included in the analytical report.

Inorganic Constituents (Metals)

All of the monitoring wells associated with the Phase 2 landfill had four or more Appendix I metals detections, however only one constituent was detected above its respective 2L Standard and/or SW GWP Standard: Antimony.

Antimony was detected in monitoring well MW-25A at a concentration of 2 µg/L, which is above the SW GWP Standard of 1.4 µg/L, but below the NCAC 2L Standard of 6 µg/L.

As previously discussed above, it appears that the majority of the metals detected within the monitoring wells are either naturally occurring or a product of turbidity during sampling.

3.13 MSW Phase 3

MSW Phase 3 monitoring well locations were sampled for Appendix I volatile organic compounds (VOCs) and Appendix I metals. A summary of the detected analytes associated with this phase of the landfill is included in Table 4. The monitoring well network associated with this area include compliance wells MW-32R and MW-34 which monitor down gradient and side gradient of the landfill and MW-33/33A and MW-35/35A which monitor the Phase 3 sump locations.

Volatile Organic Compounds (VOCs)

Based on the laboratory analytical results, acetone was detected in two of the Phase 3 compliance monitoring wells at a concentration of 34 J µg/L. 2-Butanone was detected in monitoring well MW-33 at a concentration of 5.4 J µg/L, which is below its respective 2L Standard. Please note that acetone and 2-butanone were detected at relatively low concentrations and are possible laboratory contaminants or possible field contaminants resulting from isopropyl alcohol used to decontaminate the pump during well purging. Environmental Science Corportation (ESC) Laboratory provided a letter stating this possible sample contamination, and the letter has been included in the analytical report.

Inorganic Constituents (Metals)

All of the monitoring wells associated with the Phase 3 landfill had four or more Appendix I metals detected, however only one constituent was detected above its respective 2L Standard and/or SW GWP Standard: Vanadium.

Vanadium was detected in monitoring wells MW-32R, MW-35, and MW-35A at concentrations of 4.2 J, 7.6 J, and 3.7 J µg/L, respectively, which are above the SW GWP Standard of 3.5 µg/L.

As previously discussed above, it appears that the majority of the metals detected within the monitoring wells are either naturally occurring or a product of turbidity during sampling.

3.14 C&D Landfill Phase 1 and Phase 2

C&D Landfill Phase 1 and Phase 2 monitoring well locations were sampled for Appendix I volatile organic compounds (VOCs); Appendix I metals plus mercury, manganese, and iron; and four classical chemistry compounds: Chloride, total dissolved solids, sulfate, and alkalinity. A summary of the detected analytes associated with the C&D Landfills is included as Table 5 and 6. The monitoring well network associated with the C&D landfills include compliance wells MW-26, MW-27, and MW-28 which monitor Phase 1 and MW-29, MW-30, and MW-31 which monitor Phase 2.

Volatile Organic Compounds (VOCs)

Monitoring wells MW-26, MW-29, MW-30, and MW-31 had no VOCs detected during the April 2008 monitoring event; however the laboratory analytical results indicated that monitoring wells MW-27 and MW-28 had at least one VOC detection.

Monitoring well MW-27 had detections of benzene and cis-1,2,-dichloroethene at concentrations of 0.42J and 0.42J µg/L, respectively, which are below their respective 2L Standards.

Monitoring well MW-28 had detections of tetrachloroethene at a concentration of 1.3 µg/L, which is above the NCAC 2L Standard of 0.7 µg/L.

Inorganic Constituents (Metals)

All of the monitoring wells associated with the C&D landfills had seven or more metals detections, however only four constituents were detected above their respective 2L Standard and/or SW GWP Standard: Iron, manganese, thallium, and vanadium.

Iron was detected in all of the C&D landfill monitoring wells. Iron was above its respective NCAC 2L Standard of 300 µg/L in MW-26, MW-27, MW-29, MW-30, and MW-31 at concentrations ranging from 370 to 37000 µg/L.

As previously discussed above, it appears that the majority of the metals detected within the monitoring wells are either naturally occurring or a product of turbidity during sampling, however because this is only the third sampling event in which iron and manganese have been included in the analysis for the C&D wells and the second sampling event in which they were included in the analysis for the background well MW-1A, we do not have historical data on these constituents to indicate if they are naturally occurring, from turbidity during sampling, or from the C&D landfill. Additional sampling events will be needed to make any conclusions regarding iron and manganese.

Classical Chemistry Compounds

Total dissolved solids, chloride, sulfate, and alkalinity were analyzed for in the C&D landfill wells. The results of which are summarized in Tables 5 and 6. Please note that none of the classical chemistry compounds analyzed for in the C&D landfill wells exceeded any of the established NCAC 2L Standards and/or SW GWP Standards.

3.2 SURFACE WATER SAMPLING

Lincoln County Landfill has five surface water sampling locations positioned in the tributaries located to the east, south, and west of the landfills as indicated on the attached Figure 1. The surface water samples were analyzed for Appendix I VOCs and Appendix I metals plus Mercury, Iron and Manganese. A summary of the detected analytes associated with the surface water samples is included as Table 7.

Based on the laboratory analytical results, only one VOC was detected in the surface water samples. Toluene was detected at a concentration of 0.38 J µg/L, which is below the NCAC 2B Standard of 11 µg/L. No other VOCs were detected in the surface water samples.

All surface water sampling locations had five or more inorganic constituents detected. Copper was detected in SW-3 at a concentration of 12 µg/L, which is above its respective 2B Standard of 7 µg/L. Iron was detected in SW-3 and SW-5 at concentrations of 5100 and 5300 µg/L, respectively, which are above the 2B Standard of 1000 µg/L. All other metals detected in surface water samples were below their respective NCAC 2B Standards.

3.3 LEACHATE SAMPLING

A sample of the leachate from the leachate collection system for the landfill was collected from the lift station prior to entering the on-site leachate holding tanks. The leachate sample was analyzed for Appendix I VOCs, Appendix I metals, biochemical oxygen demand (BOD), chemical oxygen demand (COD), nitrate/nitrite, sulfate, total suspended solids (TSS), and phosphorous. A summary of the detected analytes for the leachate is included as Table 8.

4.0 STATISTICAL ANALYSIS

S&ME has previously performed statistical evaluations of groundwater monitoring data for the MSW landfills and included this demonstration in sampling reports previously submitted to the Section. No statistical analysis was performed for this sampling report because the new SWSLs and MDLs are lower than the previous PQLs resulting in constituents being detected in the April 2007, October 2007, and April 2008 sampling events that were not detected previously. Additional sampling events are recommended to evaluate the statistical significance of these low level detections. S&ME will continue statistical evaluation following the October 2008 monitoring event.

TABLES

Table 1
April 2008 - Water Level Elevations
Lincoln County Landfill
S&ME Project No. 1356-07-004

Well Identification		Top of Casing Elevation (ft - MSL)	Depth to Groundwater From Top of Casing (ft)	Groundwater Elevation (ft - MSL)
Background Well	5503 MW-1A	929.27	47.50	881.77
Abandoned Leachate Lagoon	5503 MW-8	840.03	DRY	DRY
Abandoned Leachate Lagoon	5503 MW-9	840.20	33.33	806.87
Abandoned Leachate Lagoon	5503 MW-10R	834.97	27.68	807.29
Area "E" and Phase 1	5503 MW-12	827.57	6.86	820.71
Area "E" and Phase 1	5503 MW-13	872.78	32.87	839.91
Area "E" and Phase 1	5503 MW-14	871.44	31.29	840.15
Area "E" and Phase 1	5503 MW-15	847.86	27.69	820.17
Area "E" and Phase 1	5503 MW-16R	876.39	15.18	861.21
Area "E" and Phase 1	5503 MW-17	899.64	35.84	863.80
Area "E" and Phase 1	5503 MW-18	861.41	26.72	834.69
Area "E" and Phase 1	5503 MW-19R	862.40	27.35	835.05
Area "E" and Phase 1	5503 MW-20	860.00	15.40	844.60
Phase 2	5503 MW-21	855.91	38.58	817.33
Phase 2	5503 MW-24	841.13	25.60	815.53
Phase 2	5503 MW-25	838.73	29.74	808.99
Phase 2	5503 MW-25A	838.84	30.00	808.84
C&D Phase 1	5503 MW-26	871.19	12.75	858.44
C&D Phase 1	5503 MW-27	880.90	17.68	863.22
C&D Phase 1	5503 MW-28	915.68	44.56	871.12
C&D Phase 2	5503 MW-29	879.97	38.18	841.79
C&D Phase 2	5503 MW-30	886.35	52.80	833.55
C&D Phase 2	5503 MW-31	879.88	29.32	850.56
Phase 3	5503 MW-32R	827.25	15.73	811.52
Phase 3	5503 MW-33	819.38	13.71	805.67
Phase 3	5503 MW-33A	818.67	14.10	804.57
Phase 3	5503 MW-34	832.77	29.59	803.18
Phase 3	5503 MW-35	839.64	33.10	806.54
Phase 3	5503 MW-35A	839.65	34.06	805.59

Notes:

(ft - MSL) - Feet Mean Sea Level

(ft) - Feet

The "A" suffix on the well locations indicates the deep well of the pair.

Notes for Tables 2 through 8
Lincoln County Landfill
S&ME Project No. 1356-07-004

Notes:

(1) ug/L = micrograms per liter (parts per billion)
(2) mg/L = milligrams per liter (parts per million)
(3) 15A NCAC 2L = North Carolina Groundwater Quality Standards
(4) 15A NCAC 2B = North Carolina Surface Water Quality Standards
(5) GWP ST = Solid Waste Groundwater Protection Standard
(6) NE = No established standard
(7) Bold and highlighted indicates above 15A NCAC 2L or SW GWP standard
(8) Compounds not shown were not detected.
(9) SWSL = North Carolina Department of Environmtent and Natural Resources Solid Waste Section Limit established in 2007
(10) NA = Not Analyzed
(11) NT = Not Tested

Table 2
April 2008 - Detected Analytes in Monitoring Wells for MSW Area "E" and Phase 1
Lincoln County Landfill
S&ME Project No. 1356-07-004

EPA Appendix I Volatile Organic Compounds Method 8260 (ug/L)	**NCDENR SWSL**	**15A NCAC 2L**	**Soild Waste GWP ST**	**5503 MW-1A**	**5503 MW-8**	**5503 MW-9**	**5503 MW-10R**	**5503 MW-12**	**5503 MW-13**	**5503 MW-14**	**5503 MW-15**	**5503 MW-16R**	**5503 MW-17**	**5503 MW-18**	**5503 MW-19**	**5503 MW-20**
1,1-Dichloroethane	5	70	NE		DRY				20	2.8		9.6			7.3	11
1,4 - Dichlorobenzene	1	1.4	NE						1.7			1.8				
cis-1,2,-Dichloroethene	5	70	NE						2.8			3.5				0.86 J
Acetone	100	700	NE			30 J			39 J	150			38 J		88	
Benzene	1	1	NE						**4.6**			**7**			0.49 J	0.77 J
Chlorobenzene	3	50	NE									0.84 J				
Chloroethane	10	2800	2800						1.8 J			1.5 J				
Chloroform	5	70	NE	9.4												
Ethylbenzene	1	550	NE						0.34 J							
Xylenes (total)	5	530	NE						2.8 J			11				
Methylene chloride	1	4.6	NE						2.5 J	0.74 J		**8.9**			3.5 J	**4.7 J**
Tetrachloroethene	1	0.7	NE						**3.1**	0.43 J			**0.85 J**		**1.3**	0.58 J
Toluene	1	1000	NE					0.65 J	0.71 J							
Trichloroethene	1	2.8	NE						2.2	0.41 J		0.46 J			0.76 J	1.2
Trichlorofluoromethane	1	2100	NE												0.56 J	
Vinyl chloride	1	0.015	NE						**0.97 J**			**3.7**				
EPA Appendix I Metals Method 6010B/6020 (ug/L)																
Antimony	NE	6	1.4	1.3		0.34 J		0.23 J		1.1				0.26 J	0.95 J	
Arsenic	10	50	NE	0.26 J				0.28 J	1.7			5.3	0.15 J	1.1	0.33 J	2.2
Barium	100	2000	NE	72		29	37	240	73	23	89	270	61	47	22	45
Beryllium	1	NE	4	0.32 J				0.25 J			0.34 J	0.49 J				
Cadmium	1	1.75	NE					0.31 J		0.34 J		0.33 J				
Chromium	10	50	NE	17		2.4 J	5.6 J					6.7 J	2.6 J			
Cobalt	10	NE	70	4.1 J			1.2 J	14	**180**		1.4 J	25	2.7 J	1.7 J		
Copper	10	1000	NE	5.1		0.64 J	1.7	2.1	1.7	2.1	1		1.3	3	1.5	0.72 J
Iron	300	300	NE	**5200**		NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Lead	10	15	NE	5.2								6.1				
Manganese	50	50	NE	47		NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Mercury	0.2	1.05	NE												0.17 J	
Nickel	50	100	NE	13 J					13 J			11 J				
Silver	10	17.5	NE									3.9 J				
Selenium	10	50	NE												0.78 J	
Thallium	5.5	NE	0.28	0.2 J				0.12 J	**1.1**			**1.3**		0.12 J		
Vanadium	25	NE	3.5	**11**			**7.9 J**				**3.7 J**	**4.5 J**		3.3 J		
Zinc	10	1050	NE	24		5.8 J	6.7 J	170	15	18	9.3 J	61	8.1 J	6.7 J	3.6 J	6.9 J

Table 3
April 2008 - Detected Analytes in Monitoring Wells for MSW Phase 2
Lincoln County Landfill
S&ME Project No. 1356-07-004

EPA Appendix I Volatile Organic Compounds Method 8260 (ug/L)	**NCDENR SWSL**	**15A NCAC 2L**	**Soild Waste GWP ST**	**5503 MW-21**	**5503 MW-24**	**5503 MW-25**	**5503 MW-25A**
Acetone	100	700	NE	23 J			180
2-Butanone	100	4200	NE				4.8 J
EPA Appendix I Metals Method 6010B/6020 (ug/L)							
Antimony	NE	6	1.4				**2**
Arsenic	10	50	NE	0.42 J	0.27 J	0.33 J	0.22 J
Barium	100	2000	NE	36	46	94	34
Beryllium	1	NE	4	0.25 J		0.28 J	
Chromium	10	50	NE			3.1 J	3.4 J
Cobalt	10	NE	70	1.2 J			1.5 J
Copper	10	1000	NE	1.9	0.86 J	0.62 J	1.9
Vanadium	25	NE	25	3.3 J			
Zinc	10	1050	NE	8 J	10	13	11

Table 4
April 2008 - Detected Analytes in Monitoring Wells for MSW Phase 3
Lincoln County Landfill
S&ME Project No. 1356-07-004

EPA Appendix I Volatile Organic Compounds Method 8260 (ug/L)	**NCDENR SWSL**	**15A NCAC 2L**	**Soild Waste GWP ST**	**5503 MW-32R**	**5503 MW-33**	**5503 MW-33A**	**5503 MW-34**	**5503 MW-35**	**5503 MW-35A**
2-Butanone	100	4200	NE		5.4 J				
Acetone	100	700	NE			34 J			34 J
EPA Appendix I Metals Method 6010B/6020 (ug/L)									
Antimony	NE	6	1.4			0.55 J			0.43 J
Arsenic	10	50	NE	0.24 J	0.37 J		0.2 J	0.24 J	
Barium	100	2000	NE	31	51	8.4	110	63	40
Chromium	10	50	NE	2.7 J				3.8 J	3.2 J
Cobalt	10	NE	70	3 J			6 J	4.4 J	
Copper	10	1000	NE	0.78 J	0.59 J	1.3	0.63 J	2.7	1.3
Lead	10	15	NE	2.7 J				2.4 J	
Silver	10	17.5	NE	3 J					
Thallium	5.5	NE	0.28				0.15 J	0.1 J	
Vanadium	25	NE	3.5	**4.2 J**				**7.6 J**	**3.7 J**
Zinc	10	1050	NE	8.7 J	8.4 J	5.8 J	9.9 J	15	8.2 J

Table 5
April 2008 - Detected Analytes in Monitoring Wells for C&D Phase 1
Lincoln County Landfill
S&ME Project No. 1356-07-004

EPA Appendix I Volatile Organic Compounds Method 8260 (ug/L)	**NCDENR SWSL**	**15A NCAC 2L**	**Soild Waste GWP ST**	**5503 MW-26**	**5503 MW-27**	**5503 MW-28**
Benzene	1	1	NE		0.42 J	
cis-1,2,-Dichloroethene	5	70	NE		0.42 J	
Tetrachloroethene	1	0.7	NE			**1.3**
EPA Appendix I Metals Method 6010B/6020 (ug/L)						
Antimony	NE	6	1.4		0.29 J	0.34 J
Arsenic	10	50	NE	0.26 J	0.41 J	
Barium	100	2000	NE	63	280	33
Beryllium	1	NE	4		0.76 J	
Cadmium	1	1.75	NE		0.32 J	
Chromium	10	50	NE	2.3 J	12	
Cobalt	10	NE	70		7.7 J	1.5 J
Copper	10	1000	NE	4.7	3.6	0.89 J
Iron	300	300	NE	**370**	**3000**	270
Manganese	50	50	NE	17	**320**	19
Mercury	0.2	1.05	NE		0.05 J	
Nickel	50	100	NE		12 J	
Thallium	5.5	NE	0.28		0.11 J	
Vanadium	25	NE	25		**11**	
Zinc	10	1050	NE	5.2 J	28	7.6 J
Classical Chemistry Compounds (mg/L)						
Chloride	NE	250	NE	2	7.3	0.76
Sulfate as SO4	250	250	NE	2.9 J		
Total Dissolved Solids	NE	500	NE	30	81	27
Total Alkalinity	NE	NE	NE	26	55	8.2 J

Table 6
April 2008 - Detected Analytes in Monitoring Wells for C&D Phase 2
Lincoln County Landfill
S&ME Project No. 1356-07-004

EPA Appendix I Volatile Organic Compounds Method 8260 (ug/L)	**NCDENR SWSL**	**15A NCAC 2L**	**Soild Waste GWP ST**	**5503 MW-29**	**5503 MW-30**	**5503 MW-31**
EPA Appendix I Metals Method 6010B/6020 (ug/L)						
Antimony	NE	6	1.4			0.25 J
Arsenic	10	50	NE	2.3 J,O	0.37 J	0.17 J
Barium	100	2000	NE	64	110	8.5
Beryllium	1	NE	4	1.7	0.49 J	
Cobalt	10	NE	70	19	2 J	
Copper	10	1000	NE	43	6.2	1.3
Chromium	10	50	NE	25	5.7 J	
Iron	300	300	NE	**37000**	**5400**	**4200**
Lead	10	15	NE	8	3.2 J	
Manganese	50	50	NE	**82**	**95**	25
Nickel	50	100	NE	26		
Silver	10	17.5	NE	4.1 J		
Thallium	5.5	NE	0.28	**0.47 J**	0.12 J	
Vanadium	25	NE	3.5	**34**	**7.5 J**	
Zinc	10	1050	NE	48 J,O	28	5.5 J
Classical Chemistry Compounds (mg/L)						
Chloride	NE	250	NE	21	0.97 J	1.3
Sulfate as SO4	250	250	NE	7.6	2.7 J	6.1
Total Dissolved Solids	NE	500000	NE	70	41	27
Total Alkalinity	NE	NE	NE	32	11	7 J

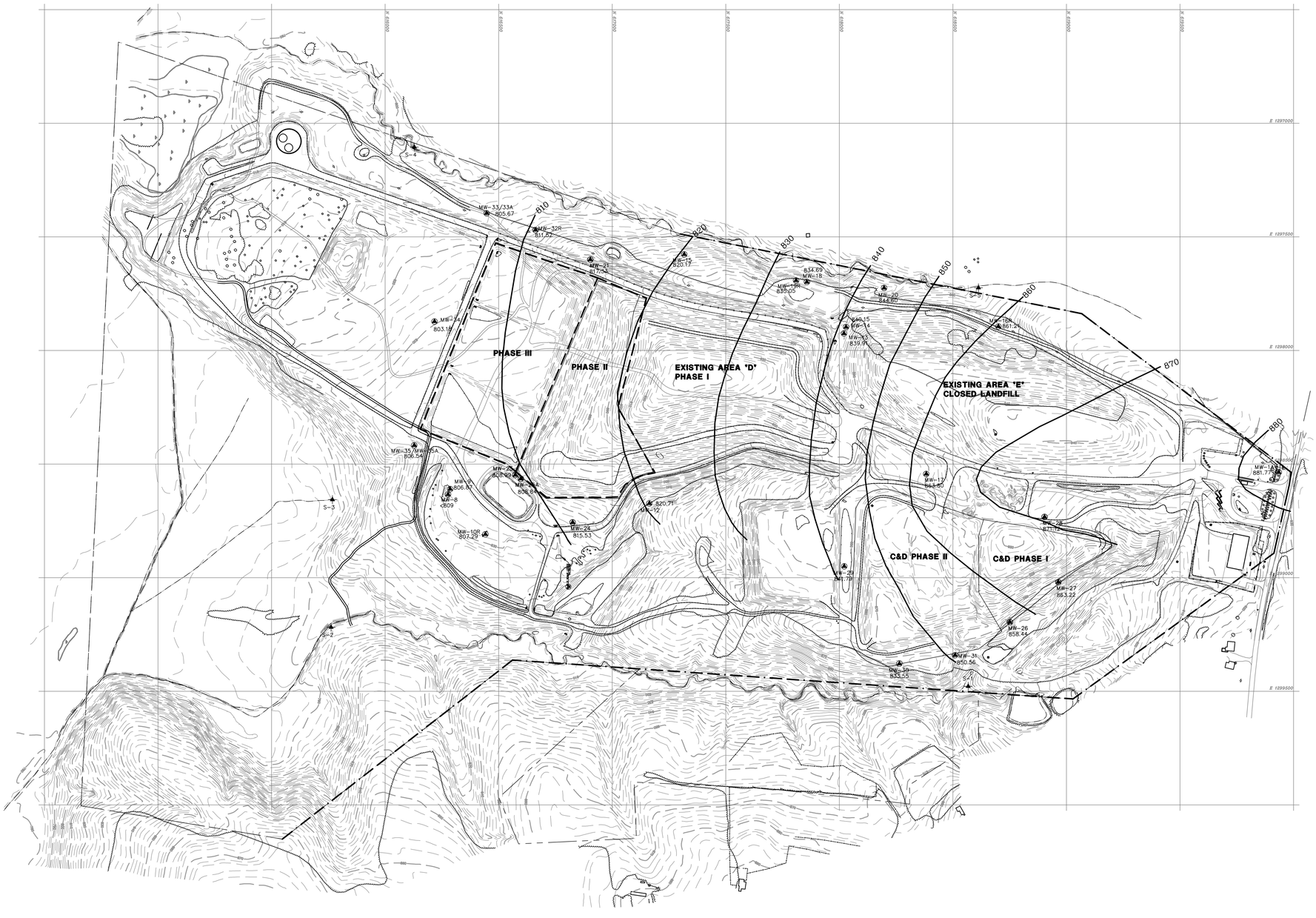
Table 7
April 2008 - Detected Analytes in Surface Water Samples
Lincoln County Landfill
S&ME Project No. 1356-07-004

EPA Appendix I Volatile Organic Compounds Method 8260 (ug/L)	**15A NCAC 2B**	SW-1	SW-2	SW-3	SW-4	SW-5
Toluene	11					0.38 J
EPA Appendix I Metals Method 6010B/6020 (ug/L)						
Arsenic	50	1.2	0.26 J	0.97 J	0.36 J	2.1
Barium	1400	41	24	160	21	36
Beryllium	6.5			0.86 J		
Chromium	50			25		
Cobalt	65			6.7 J		1.8 J
Copper	7	1.3	0.84 J	**12**	2.6	1.2
Iron	1000	690	520	**5100**	390	**5300**
Lead	25			8.3		
Manganese	NE	100	78	330	24	130
Nickel	88			10 J		
Thallium	1.3			0.16 J		
Vanadium	NE			25		
Zinc	50	14	5.1 J	33		5.6 J

Table 8
April 2008 - Detected Analytes in Leachate
Lincoln County Landfill
S&ME Project No. 1356-07-004

EPA Appendix I Volatile Organic Compounds Method 8260 (ug/L)	**NCDENR SWSL**	**15A NCAC 2L**	**Soild Waste GWP ST**	**Leachate**
1,1-Dichloroethane	5	70	NE	0.91 J
1,2-Dichloroethane	1	0.38	NE	**2.7**
1,4-Dichlorobenzene	1	1.4	NE	**1.6**
4-Methyl-2-pentanone	100	NE	560	3.4 J
cis-1,2,-Dichloroethene	5	70	NE	1.2
Acetone	100	700	NE	27 J
EPA Appendix I Metals Method 6010B/6020 (ug/L)				
Antimony	NE	6	1.4	0.77 J
Arsenic	10	50	NE	29
Barium	100	2000	NE	380
Chromium	10	50	NE	6.2 J
Cobalt	10	NE	70	13
Copper	10	1000	NE	1
Nickel	50	100	NE	30
Selenium	10	50	nE	8.8
Zinc	10	1050	NE	34
Classical Chemistry Compounds (mg/L)				
BOD	NE	NE	NE	48
COD	NE	NE	NE	430
Sulfate	250	250	NE	2 J
Phosphorous	NE	NE	NE	0.48
Total Suspended Solids	NE	NE	NE	90

FIGURES



LEGEND

MW-10	EXISTING MONITORING WELL
S-1	SURFACE WATER SAMPLING LOCATION
	GROUNDWATER SURFACE (4/21-22/08)
814.39	GROUNDWATER ELEVATION (ft-msl)
	PROPERTY BOUNDARY

GRAPHIC SCALE

200 0 100 200 400

(IN FEET)
1 inch = 200 ft.

REFERENCE:
TOPOGRAPHIC SURVEY FOR LINCOLN COUNTY LANDFILL BY SUTTLES SURVEYING, P.A., DATED: APRIL 2, 1997.

LINCOLN COUNTY LANDFILL
5291 CROUSE ROAD
CROUSE, NORTH CAROLINA

S&ME
9751 SOUTHERN PINE BLVD.
CHARLOTTE, NC 28273
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NORTH CAROLINA
JOHN R. PETTS
SEAL
1995
GEOLOGIST
7/10/08

NO.	DATE	DESCRIPTION	BY

GROUNDWATER SURFACE MAP
APRIL 22, 2008

LINCOLN COUNTY LANDFILL
CROUSE, NORTH CAROLINA

DRAWN BY: CLD	CHECKED BY:
DESIGNED BY: CRW	APPROVED BY: JRP
PROJECT NUMBER 1356-07-004	
SCALE: AS SHOWN	DATE: 7-8-08
DRAWING: 1	OF: 1

DRAWING: P:\DRAWINGS\1356-07-004 LINCOLN COUNTY LANDFILL.DWG

APPENDIX I

WELL SAMPLING LOGS AND LABORATORY REPORTS

Project Name: Lincoln County Landfill
Project Location: Crouse, North Carolina
Project Number: 1356-07-004

Well ID MW-1A

Sampling Personnel (1) Tom Steelman (2) Courtney Withers
Weather Conditions Cloudy/Warm
Unusual Site Conditions

Water Level Data

Measuring Point Location TOC
Well Casing Volume 1.5
Depth to Water (ft) 47.50
Depth to Base of Well (ft) 57.00
(well casing volume = water column*0.174)
Water Column (ft) 9.50
Equipment Used to Measure Depths Electric Water Level Probe

Well Purging Data

Date 4/21/2008
Purging Equipment Field Cleaned Typhoon Pump

	Total Voume (Gal)	Time	pH	Temp (C)	Conductance (µS)
Initial	0	11:58	6.89	21.6	16
	1.5	12:01	6.40	18.8	11
	3.0	12:04	5.78	17.4	11
Final	4.5	12:07	5.73	17.2	9

Well Sampling Data

Sampling Date 4/22/2008
Sampling Time 08:00
Sampling Equipment disposable teflon bailer
Sample Observations slightly turbid

Analytical Data

Method	Container Type and No.	Preservation
Appendix I VOCs	(2) 40 mL glass vials	HCL
Appendix I Metals	(1) 500 mL plastic bottle	HNO3

Comments

Project Name: Lincoln County Landfill
Project Location: Crouse, North Carolina
Project Number: 1356-07-004

Well ID MW-8

Sampling Personnel (1) Tom Steelman (2) Courtney Withers
Weather Conditions Cloudy/Warm
Unusual Site Conditions

Water Level Data

Measuring Point Location TOC
Well Casing Volume
Depth to Water (ft) DRY
Depth to Base of Well (ft) 31.00
(well casing volume = water column*0.174)
Water Column (ft) DRY
Equipment Used to Measure Depths Electric Water Level Probe

Well Purging Data

Date
Purging Equipment

	Total Voume (Gal)	Time	pH	Temp (C)	Conductance (µS)
Initial	0				
Final					

Well Sampling Data

Sampling Date
Sampling Time
Sampling Equipment disposable teflon bailer
Sample Observations

Analytical Data

Method	Container Type and No.	Preservation
Appendix I VOCs	(2) 40 mL glass vials	HCL
Appendix I Metals	(1) 500 mL plastic bottle	HNO3

Comments DRY

Project Name: Lincoln County Landfill
Project Location: Crouse, North Carolina
Project Number: 1356-07-004

Well ID MW-9

Sampling Personnel (1) Tom Steelman (2) Courtney Withers
Weather Conditions Cloudy/Warm
Unusual Site Conditions

Water Level Data

Measuring Point Location TOC
Well Casing Volume 6.5
Depth to Water (ft) 33.33
Depth to Base of Well (ft) 70.50
(well casing volume = water column*0.174)
Water Column (ft) 37.17
Equipment Used to Measure Depths Electric Water Level Probe

Well Purging Data

Date 4/21/2008
Purging Equipment Field Cleaned Typhoon Pump

	Total Voume (Gal)	Time	pH	Temp (C)	Conductance (µS)
Initial	0	14:30	6.83	19.2	20
	6.5	14:35	6.75	17.0	31
	13	14:42	6.57	16.4	34
Final	19.5	14:47	6.54	16.3	32

Well Sampling Data

Sampling Date 4/22/2008
Sampling Time 9:45
Sampling Equipment disposable teflon bailer
Sample Observations clear

Analytical Data

Method	Container Type and No.	Preservation
Appendix I VOCs	(2) 40 mL glass vials	HCL
Appendix I Metals	(1) 500 mL plastic bottle	HNO3

Comments

Project Name: Lincoln County Landfill
Project Location: Crouse, North Carolina
Project Number: 1356-07-004

Well ID MW-10R

Sampling Personnel (1) Tom Steelman (2) Courtney Withers
Weather Conditions Cloudy/Warm
Unusual Site Conditions

Water Level Data

Measuring Point Location TOC
Well Casing Volume 0.7
Depth to Water (ft) 27.68
Depth to Base of Well (ft) 31.50
(well casing volume = water column*0.174)
Water Column (ft) 3.85
Equipment Used to Measure Depths Electric Water Level Probe

Well Purging Data

Date 4/21/2008
Purging Equipment Disposable Teflon Bailer

	Total Voume (Gal)	Time	pH	Temp (C)	Conductance (µS)
Initial	0	14:13	6.80	19.3	119
	0.7	14:16	6.96	17.7	71
	1.4	14:17	6.77	17.4	70
Final	2.1				

Well Sampling Data

Sampling Date 4/22/2008
Sampling Time 9:35
Sampling Equipment disposable teflon bailer
Sample Observations clear

Analytical Data

Method	Container Type and No.	Preservation
Appendix I VOCs	(2) 40 mL glass vials	HCL
Appendix I Metals	(1) 500 mL plastic bottle	HNO3

Comments Dry at 1.4 gallons

Project Name: Lincoln County Landfill
Project Location: Crouse, North Carolina
Project Number: 1356-07-004

Well ID MW-12

Sampling Personnel (1) Tom Steelman (2) Courtney Withers
Weather Conditions Cloudy/Warm
Unusual Site Conditions

Water Level Data

Measuring Point Location TOC
Well Casing Volume 2.0
Depth to Water (ft) 6.86
Depth to Base of Well (ft) 18.50
(well casing volume = water column*0.174)
Water Column (ft) 11.64
Equipment Used to Measure Depths Electric Water Level Probe

Well Purging Data

Date 4/21/2008
Purging Equipment Field Cleaned Typhoon Pump

	Total Voume (Gal)	Time	pH	Temp (C)	Conductance (µS)
Initial	0	15:10	5.51	17.3	104
	2.0	15;12	5.36	14.5	100
	4.0	15:14	5.29	14.2	94
Final	6.0	15:16	5.29	14.2	94

Well Sampling Data

Sampling Date 4/22/2008
Sampling Time 10:10
Sampling Equipment disposable teflon bailer
Sample Observations clear

Analytical Data

Method	Container Type and No.	Preservation
Appendix I VOCs	(2) 40 mL glass vials	HCL
Appendix I Metals	(1) 500 mL plastic bottle	HNO3

Comments

Project Name: Lincoln County Landfill
Project Location: Crouse, North Carolina
Project Number: 1356-07-004

Well ID MW-13

Sampling Personnel (1) Tom Steelman (2) Courtney Withers
Weather Conditions Cloudy/Warm
Unusual Site Conditions

Water Level Data

Measuring Point Location TOC
Well Casing Volume 1.3
Depth to Water (ft) 32.87
Depth to Base of Well (ft) 40.50
(well casing volume = water column*0.174)
Water Column (ft) 7.63
Equipment Used to Measure Depths Electric Water Level Probe

Well Purging Data

Date 4/22/2008
Purging Equipment Disposable Teflon Bailer

	Total Voume (Gal)	Time	pH	Temp (C)	Conductance (µS)
Initial	0	10:58	5.68	16.8	101
	1.3	10:59	5.68	16.8	125
	2.6	11:00	5.71	16.7	104
Final	3.9	11:01	5.66	16.7	93

Well Sampling Data

Sampling Date 4/23/2008
Sampling Time 8:07
Sampling Equipment disposable teflon bailer
Sample Observations clear

Analytical Data

Method	Container Type and No.	Preservation
Appendix I VOCs	(2) 40 mL glass vials	HCL
Appendix I Metals	(1) 500 mL plastic bottle	HNO3

Comments

Project Name: Lincoln County Landfill
Project Location: Crouse, North Carolina
Project Number: 1356-07-004

Well ID MW-14

Sampling Personnel (1) Tom Steelman (2) Courtney Withers
Weather Conditions Cloudy/Warm
Unusual Site Conditions

Water Level Data

Measuring Point Location TOC
Well Casing Volume 7.8
Depth to Water (ft) 31.29
Depth to Base of Well (ft) 76.00
(well casing volume = water column*0.174)
Water Column (ft) 44.71
Equipment Used to Measure Depths Electric Water Level Probe

Well Purging Data

Date 4/22/2008
Purging Equipment Field Cleaned Typhoon Pump

	Total Voume (Gal)	Time	pH	Temp (C)	Conductance (µS)
Initial	0	10:55	6.41	17.0	108
	7.8	11:02	6.12	16.7	75
	15.6	11:10	6.15	16.6	75
Final	23.4	11:18	6.19	16.6	75

Well Sampling Data

Sampling Date 4/23/2008
Sampling Time 8:15
Sampling Equipment disposable teflon bailer
Sample Observations clear

Analytical Data

Method	Container Type and No.	Preservation
Appendix I VOCs	(2) 40 mL glass vials	HCL
Appendix I Metals	(1) 500 mL plastic bottle	HNO3

Comments

Project Name: Lincoln County Landfill
Project Location: Crouse, North Carolina
Project Number: 1356-07-004

Well ID MW-15

Sampling Personnel (1) Tom Steelman (2) Courtney Withers
Weather Conditions Cloudy/Warm
Unusual Site Conditions

Water Level Data

Measuring Point Location TOC
Well Casing Volume 0.5
Depth to Water (ft) 27.69
Depth to Base of Well (ft) 30.50
(well casing volume = water column*0.174)
Water Column (ft) 2.81
Equipment Used to Measure Depths Electric Water Level Probe

Well Purging Data

Date 4/22/2008
Purging Equipment Disposable Teflon Bailer

	Total Voume (Gal)	Time	pH	Temp (C)	Conductance (µS)
Initial	0	13:10	5.88	15.9	17
	0.5	13:11	5.65	15.7	18
	1.0	13:12	5.57	15.3	19
Final	1.5	13:13	5.56	15.3	19

Well Sampling Data

Sampling Date 4/23/2008
Sampling Time 8:50
Sampling Equipment disposable teflon bailer
Sample Observations slightly turbid

Analytical Data

Method	Container Type and No.	Preservation
Appendix I VOCs	(2) 40 mL glass vials	HCL
Appendix I Metals	(1) 500 mL plastic bottle	HNO3

Comments

Project Name: Lincoln County Landfill
Project Location: Crouse, North Carolina
Project Number: 1356-07-004

Well ID MW-16R

Sampling Personnel (1) Tom Steelman (2) Courtney Withers
Weather Conditions Cloudy/Warm
Unusual Site Conditions

Water Level Data

Measuring Point Location TOC
Well Casing Volume 1.10
Depth to Water (ft) 15.18
Depth to Base of Well (ft) 21.60
(well casing volume = water column*0.174)
Water Column (ft) 6.42
Equipment Used to Measure Depths Electric Water Level Probe

Well Purging Data

Date 4/22/2008
Purging Equipment Disposable Teflon Bailer

	Total Voume (Gal)	Time	pH	Temp (C)	Conductance (µS)
Initial	0	10:35	6.13	16.8	436
	1.1	10:36	6.16	15.7	448
	2.2	10:37	6.21	15.3	496
Final	3.3	10:38	6.29	15.1	542

Well Sampling Data

Sampling Date 4/23/2008
Sampling Time 7:55
Sampling Equipment disposable teflon bailer
Sample Observations clear

Analytical Data

Method	Container Type and No.	Preservation
Appendix I VOCs	(2) 40 mL glass vials	HCL
Appendix I Metals	(1) 500 mL plastic bottle	HNO3

Comments

Project Name: Lincoln County Landfill
Project Location: Crouse, North Carolina
Project Number: 1356-07-004

Well ID MW-17

Sampling Personnel (1) Tom Steelman (2) Courtney Withers
Weather Conditions Cloudy/Warm
Unusual Site Conditions

Water Level Data

Measuring Point Location TOC
Well Casing Volume 0.1
Depth to Water (ft) 35.84
Depth to Base of Well (ft) 36.50
(well casing volume = water column*0.174)
Water Column (ft) 0.66
Equipment Used to Measure Depths Electric Water Level Probe

Well Purging Data

Date 4/21/2008
Purging Equipment Disposable Teflon Bailer

	Total Voume (Gal)	Time	pH	Temp (C)	Conductance (µS)
Initial	0	12:18	5.38	18.3	73
	0.1	12:20	5.33	17.2	35
	0.2				
Final	0.3				

Well Sampling Data

Sampling Date 4/22/2008
Sampling Time 8:15
Sampling Equipment disposable teflon bailer
Sample Observations clear

Analytical Data

Method	Container Type and No.	Preservation
Appendix I VOCs	(2) 40 mL glass vials	HCL
Appendix I Metals	(1) 500 mL plastic bottle	HNO3

Comments Dry at 0.1 gallons

Project Name: Lincoln County Landfill
Project Location: Crouse, North Carolina
Project Number: 1356-07-004

Well ID MW-18

Sampling Personnel	(1)	Tom Steelman	(2)	Courtney Withers
Weather Conditions	Cloudy/Warm			
Unusual Site Conditions				

Water Level Data

Measuring Point Location	TOC	Well Casing Volume	1.0
Depth to Water (ft)	26.72		
Depth to Base of Well (ft)	32.00	(well casing volume = water column*0.174)	
Water Column (ft)	5.28		
Equipment Used to Measure Depths	Electric Water Level Probe		

Well Purging Data

Date 4/22/2008 Purging Equipment Disposable Teflon Bailer

	Total Voume (Gal)	Time	pH	Temp (C)	Conductance (µS)
Initial	0	12:45	6.21	15.2	176
	1.0	12:46	6.25	14.9	181
	2.0				
Final	3.0				

Well Sampling Data

Sampling Date	4/23/2008
Sampling Time	8:40
Sampling Equipment	disposable teflon bailer
Sample Observations	slightly turbid

Analytical Data

Method	Container Type and No.	Preservation
Appendix I VOCs	(2) 40 mL glass vials	HCL
Appendix I Metals	(1) 500 mL plastic bottle	HNO3

Comments Purged dry at 1 gallon

Project Name: Lincoln County Landfill
Project Location: Crouse, North Carolina
Project Number: 1356-07-004

Well ID MW-19

Sampling Personnel (1) Tom Steelman (2) Courtney Withers
Weather Conditions Cloudy/Warm
Unusual Site Conditions

Water Level Data

Measuring Point Location TOC
Well Casing Volume 7.8
Depth to Water (ft) 27.35
Depth to Base of Well (ft) 72.00
(well casing volume = water column*0.174)
Water Column (ft) 44.65
Equipment Used to Measure Depths Electric Water Level Probe

Well Purging Data

Date 4/22/2008
Purging Equipment Field Cleaned Typhoon Pump

	Total Voume (Gal)	Time	pH	Temp (C)	Conductance (µS)
Initial	0	12:45	6.22	16.7	84
	7.8	12:52	6.19	15.4	87
	15.6	12:59	6.21	16.1	87
Final	23.4	13:06	6.15	15.8	87

Well Sampling Data

Sampling Date 4/23/2008
Sampling Time 8:42
Sampling Equipment disposable teflon bailer
Sample Observations clear

Analytical Data

Method	Container Type and No.	Preservation
Appendix I VOCs	(2) 40 mL glass vials	HCL
Appendix I Metals	(1) 500 mL plastic bottle	HNO3

Comments

Project Name: Lincoln County Landfill
Project Location: Crouse, North Carolina
Project Number: 1356-07-004

Well ID MW-20

Sampling Personnel	(1)	Tom Steelman	(2)	Courtney Withers
Weather Conditions	Cloudy/Warm			
Unusual Site Conditions				

Water Level Data

Measuring Point Location	TOC	Well Casing Volume	2.0
Depth to Water (ft)	15.40		
Depth to Base of Well (ft)	27.00	(well casing volume = water column*0.174)	
Water Column (ft)	11.60		
Equipment Used to Measure Depths	Electric Water Level Probe		

Well Purging Data

Date 4/22/2008 Purging Equipment Disposable Teflon Bailer

	Total Voume (Gal)	Time	pH	Temp (C)	Conductance (µS)
Initial	0	12:27	5.83	16.3	58
	2.0	12:28	5.67	15.3	46
	4.0	12:29	5.68	15.3	43
Final	6.0	12:30	5.62	15.3	44

Well Sampling Data

Sampling Date	4/23/2008
Sampling Time	8:35
Sampling Equipment	disposable teflon bailer
Sample Observations	clear

Analytical Data

Method	Container Type and No.	Preservation
Appendix I VOCs	(2) 40 mL glass vials	HCL
Appendix I Metals	(1) 500 mL plastic bottle	HNO3

Comments

Project Name: Lincoln County Landfill
Project Location: Crouse, North Carolina
Project Number: 1356-07-004

Well ID MW-21

Sampling Personnel (1) Tom Steelman (2) Courtney Withers
Weather Conditions Cloudy/Warm
Unusual Site Conditions

Water Level Data

Measuring Point Location TOC
Well Casing Volume 1.0
Depth to Water (ft) 38.58
Depth to Base of Well (ft) 44.11
(well casing volume = water column*0.174)
Water Column (ft) 5.53
Equipment Used to Measure Depths Electric Water Level Probe

Well Purging Data

Date 4/22/2008
Purging Equipment Disposable Teflon Bailer

	Total Voume (Gal)	Time	pH	Temp (C)	Conductance (µS)
Initial	0	13:23	5.68	16.5	36
	1.0	13:24	5.59	16.0	45
	2.0	13:25	5.55	15.8	54
Final	3.0	13:26	5.55	15.7	55

Well Sampling Data

Sampling Date 4/23/2008
Sampling Time 8:55
Sampling Equipment disposable teflon bailer
Sample Observations slightly turbid

Analytical Data

Method	Container Type and No.	Preservation
Appendix I VOCs	(2) 40 mL glass vials	HCL
Appendix I Metals	(1) 500 mL plastic bottle	HNO3

Comments

Project Name: Lincoln County Landfill
Project Location: Crouse, North Carolina
Project Number: 1356-07-004

Well ID MW-24

Sampling Personnel (1) Tom Steelman (2) Courtney Withers
Weather Conditions Cloudy/Warm
Unusual Site Conditions

Water Level Data

Measuring Point Location TOC
Well Casing Volume 1.0
Depth to Water (ft) 25.60
Depth to Base of Well (ft) 31.60
(well casing volume = water column*0.174)
Water Column (ft) 6.00
Equipment Used to Measure Depths Electric Water Level Probe

Well Purging Data

Date 4/21/2008
Purging Equipment Disposable Teflon Bailer

	Total Voume (Gal)	Time	pH	Temp (C)	Conductance (µS)
Initial	0	14:55	6.00	17.7	28
	1.0	14:56	5.86	16.8	27
	2.0	14:57	5.75	16.5	27
Final	3.0	14:58	5.74	16.4	27

Well Sampling Data

Sampling Date 4/22/2008
Sampling Time 10:00
Sampling Equipment disposable teflon bailer
Sample Observations clear

Analytical Data

Method	Container Type and No.	Preservation
Appendix I VOCs	(2) 40 mL glass vials	HCL
Appendix I Metals	(1) 500 mL plastic bottle	HNO3

Comments

Project Name: Lincoln County Landfill
Project Location: Crouse, North Carolina
Project Number: 1356-07-004

Well ID MW-25

Sampling Personnel (1) Tom Steelman (2) Courtney Withers
Weather Conditions Cloudy/Warm
Unusual Site Conditions

Water Level Data

Measuring Point Location TOC
Well Casing Volume 0.3
Depth to Water (ft) 29.74
Depth to Base of Well (ft) 31.50
(well casing volume = water column*0.174)
Water Column (ft) 17.60
Equipment Used to Measure Depths Electric Water Level Probe

Well Purging Data

Date 4/21/2008
Purging Equipment Disposable Teflon Bailer

	Total Voume (Gal)	Time	pH	Temp (C)	Conductance (µS)
Initial	0	13:42	5.30	18.9	55
	0.3	13:43	5.48	18.8	48
	0.6	13:44	5.57	18.1	47
Final	0.9				

Well Sampling Data

Sampling Date 4/22/2008
Sampling Time 9:15
Sampling Equipment disposable teflon bailer
Sample Observations clear

Analytical Data

Method	Container Type and No.	Preservation
Appendix I VOCs	(2) 40 mL glass vials	HCL
Appendix I Metals	(1) 500 mL plastic bottle	HNO3

Comments Dry at 0.6 gallons

Project Name: Lincoln County Landfill
Project Location: Crouse, North Carolina
Project Number: 1356-07-004

Well ID MW-25A

Sampling Personnel (1) Tom Steelman (2) Courtney Withers
Weather Conditions Cloudy/Warm
Unusual Site Conditions

Water Level Data

Measuring Point Location TOC
Well Casing Volume 5.2
Depth to Water (ft) 30.00
Depth to Base of Well (ft) 60.00
(well casing volume = water column*0.174)
Water Column (ft) 30.00
Equipment Used to Measure Depths Electric Water Level Probe

Well Purging Data

Date 4/21/2008
Purging Equipment Field Cleaned Typhoon Pump

	Total Voume (Gal)	Time	pH	Temp (C)	Conductance (µS)
Initial	0	13:48	6.02	17.5	27
	5.2	13:53	6.38	17.1	25
	10.4	13:59	6.44	17.0	25
Final	15.6	14:03	6.53	17.0	25

Well Sampling Data

Sampling Date 4/22/2008
Sampling Time 9:15
Sampling Equipment disposable teflon bailer
Sample Observations clear

Analytical Data

Method	Container Type and No.	Preservation
Appendix I VOCs	(2) 40 mL glass vials	HCL
Appendix I Metals	(1) 500 mL plastic bottle	HNO3

Comments

Project Name: Lincoln County Landfill
Project Location: Crouse, North Carolina
Project Number: 1356-07-004

Well ID MW-26

Sampling Personnel (1) Tom Steelman (2) Courtney Withers
Weather Conditions Cloudy/Warm
Unusual Site Conditions

Water Level Data

Measuring Point Location TOC
Well Casing Volume 1.8
Depth to Water (ft) 12.75
Depth to Base of Well (ft) 23.00
(well casing volume = water column*0.174)
Water Column (ft) 10.25
Equipment Used to Measure Depths Electric Water Level Probe

Well Purging Data

Date 4/22/2008
Purging Equipment Disposable Teflon Bailer

	Total Voume (Gal)	Time	pH	Temp (C)	Conductance (µS)
Initial	0	15:17	5.84	15.9	55
	1.8	15:18	5.72	15.2	660
	3.6	15:19	5.70	14.5	59
Final	5.4	15:20	5.67	14.4	56

Well Sampling Data

Sampling Date 4/23/2008
Sampling Time 10:25
Sampling Equipment disposable teflon bailer
Sample Observations clear

Analytical Data

Method	Container Type and No.	Preservation
Appendix I VOCs	(2) 40 mL glass vials	HCL
Appendix I Metals	(1) 500 mL plastic bottle	HNO3
Alkalinity	(1) 500 mL plastic bottle	None
TDS	(1) 250 mL plastic bottle	None
Chloride/Sulfate	(1) 125 mL plastic bottle	None

Comments

Project Name: Lincoln County Landfill
Project Location: Crouse, North Carolina
Project Number: 1356-07-004

Well ID MW-27

Sampling Personnel (1) Tom Steelman (2) Courtney Withers
Weather Conditions Cloudy/Warm
Unusual Site Conditions

Water Level Data

Measuring Point Location TOC
Well Casing Volume 1.6
Depth to Water (ft) 17.68
Depth to Base of Well (ft) 27.00
(well casing volume = water column*0.174)
Water Column (ft) 9.32
Equipment Used to Measure Depths Electric Water Level Probe

Well Purging Data

Date 4/22/2008
Purging Equipment Disposable Teflon Bailer

	Total Voume (Gal)	Time	pH	Temp (C)	Conductance (µS)
Initial	0	15:04	5.10	16.6	102
	1.6	15:05	5.10	16.0	104
	3.2	15:06	5.15	15.7	113
Final	4.8	15:07	5.17	15.7	116

Well Sampling Data

Sampling Date 4/23/2008
Sampling Time 10:30
Sampling Equipment disposable teflon bailer
Sample Observations clear

Analytical Data

Method	Container Type and No.	Preservation
Appendix I VOCs	(2) 40 mL glass vials	HCL
Appendix I Metals	(1) 500 mL plastic bottle	HNO3
Alkalinity	(1) 500 mL plastic bottle	None
TDS	(1) 250 mL plastic bottle	None
Chloride/Sulfate	(1) 125 mL plastic bottle	None

Comments

Project Name: Lincoln County Landfill
Project Location: Crouse, North Carolina
Project Number: 1356-07-004

Well ID MW-28

Sampling Personnel (1) Tom Steelman (2) Courtney Withers
Weather Conditions Cloudy/Warm
Unusual Site Conditions

Water Level Data

Measuring Point Location TOC
Well Casing Volume 1.7
Depth to Water (ft) 44.56
Depth to Base of Well (ft) 54.50
(well casing volume = water column*0.174)
Water Column (ft) 9.94
Equipment Used to Measure Depths Electric Water Level Probe

Well Purging Data

Date 4/22/2008
Purging Equipment Disposable Teflon Bailer

	Total Voume (Gal)	Time	pH	Temp (C)	Conductance (µS)
Initial	0	14:48	5.46	18.2	16
	1.7	14:49	5.31	17.3	9
	3.4	14:50	5.25	16.8	9
Final	5.1	14:51	5.20	16.5	10

Well Sampling Data

Sampling Date 4/23/2008
Sampling Time 10:15
Sampling Equipment disposable teflon bailer
Sample Observations clear

Analytical Data

Method	Container Type and No.	Preservation
Appendix I VOCs	(2) 40 mL glass vials	HCL
Appendix I Metals	(1) 500 mL plastic bottle	HNO3
Alkalinity	(1) 500 mL plastic bottle	None
TDS	(1) 250 mL plastic bottle	None
Chloride/Sulfate	(1) 125 mL plastic bottle	None

Comments

Project Name: Lincoln County Landfill
Project Location: Crouse, North Carolina
Project Number: 1356-07-004

Well ID MW-29

Sampling Personnel (1) Tom Steelman (2) Courtney Withers
Weather Conditions Cloudy/Warm
Unusual Site Conditions

Water Level Data

Measuring Point Location TOC
Well Casing Volume 1.2
Depth to Water (ft) 38.18
Depth to Base of Well (ft) 45.00
(well casing volume = water column*0.174)
Water Column (ft) 6.82
Equipment Used to Measure Depths Electric Water Level Probe

Well Purging Data

Date 4/21/2008
Purging Equipment Disposable Bailer

	Total Voume (Gal)	Time	pH	Temp (C)	Conductance (µS)
Initial	0	12:28	5.76	17.0	95
	1.2	12:31	5.78	16.5	91
	2.4	12:34	5.81	16.5	89
Final	3.6	12:37	5.84	16.3	92

Well Sampling Data

Sampling Date 4/22/2008
Sampling Time 8:35
Sampling Equipment disposable teflon bailer
Sample Observations heavily turbid

Analytical Data

Method	Container Type and No.	Preservation
Appendix I VOCs	(2) 40 mL glass vials	HCL
Appendix I Metals	(1) 500 mL plastic bottle	HNO3
Alkalinity	(1) 500 mL plastic bottle	None
TDS	(1) 250 mL plastic bottle	None
Chloride/Sulfate	(1) 125 mL plastic bottle	None

Comments

Project Name: Lincoln County Landfill
Project Location: Crouse, North Carolina
Project Number: 1356-07-004

Well ID MW-30

Sampling Personnel (1) Tom Steelman (2) Courtney Withers
Weather Conditions Cloudy/Warm
Unusual Site Conditions

Water Level Data

Measuring Point Location TOC
Well Casing Volume 2.0
Depth to Water (ft) 52.80
Depth to Base of Well (ft) 64.00
(well casing volume = water column*0.174)
Water Column (ft) 11.20
Equipment Used to Measure Depths Electric Water Level Probe

Well Purging Data

Date 4/21/2008
Purging Equipment Disposable Teflon Bailer

	Total Voume (Gal)	Time	pH	Temp (C)	Conductance (µS)
Initial	0	12:45	6.04	17.5	31
	2.0	12:50	5.80	16.7	27
	4.0	12:52	5.80	16.3	25
Final	6.0	13:04	5.80	18.6	27

Well Sampling Data

Sampling Date 4/22/2008
Sampling Time 8:50
Sampling Equipment disposable teflon bailer
Sample Observations slightly turbid

Analytical Data

Method	Container Type and No.	Preservation
Appendix I VOCs	(2) 40 mL glass vials	HCL
Appendix I Metals	(1) 500 mL plastic bottle	HNO3
Alkalinity	(1) 500 mL plastic bottle	None
TDS	(1) 250 mL plastic bottle	None
Chloride/Sulfate	(1) 125 mL plastic bottle	None

Comments

Project Name: Lincoln County Landfill
Project Location: Crouse, North Carolina
Project Number: 1356-07-004

Well ID MW-31

Sampling Personnel (1) Tom Steelman (2) Courtney Withers
Weather Conditions Cloudy/Warm
Unusual Site Conditions

Water Level Data

Measuring Point Location TOC
Well Casing Volume 1.9
Depth to Water (ft) 29.32
Depth to Base of Well (ft) 40.00
(well casing volume = water column*0.174)
Water Column (ft) 10.68
Equipment Used to Measure Depths Electric Water Level Probe

Well Purging Data

Date 4/21/2008
Purging Equipment Field Cleaned Typhoon Pump

	Total Voume (Gal)	Time	pH	Temp (C)	Conductance (µS)
Initial	0	13:12	5.95	18.1	58
	1.9	13:15	5.66	17.0	16
	3.8	13:18	5.23	16.5	15
Final	5.7	13:23	5.15	16.6	16

Well Sampling Data

Sampling Date 4/22/2008
Sampling Time 9:00
Sampling Equipment disposable teflon bailer
Sample Observations slightly turbid

Analytical Data

Method	Container Type and No.	Preservation
Appendix I VOCs	(2) 40 mL glass vials	HCL
Appendix I Metals	(1) 500 mL plastic bottle	HNO3
Alkalinity	(1) 500 mL plastic bottle	None
TDS	(1) 250 mL plastic bottle	None
Chloride/Sulfate	(1) 125 mL plastic bottle	None

Comments

Project Name: Lincoln County Landfill
Project Location: Crouse, North Carolina
Project Number: 1356-07-004

Well ID MW-32R

Sampling Personnel (1) Tom Steelman (2) Courtney Withers
Weather Conditions Cloudy/Warm
Unusual Site Conditions

Water Level Data

Measuring Point Location TOC
Well Casing Volume 2.0
Depth to Water (ft) 15.73
Depth to Base of Well (ft) 28.05
(well casing volume = water column*0.174)
Water Column (ft) 12.32
Equipment Used to Measure Depths Electric Water Level Probe

Well Purging Data

Date 4/22/2008
Purging Equipment Disposable Teflon Bailer

	Total Voume (Gal)	Time	pH	Temp (C)	Conductance (µS)
Initial	0	13:33	5.86	15.7	37
	2.0	13:34	5.80	15.0	44
	4.0	13:35	5.82	14.7	49
Final	6.0	13:36	5.81	14.9	53

Well Sampling Data

Sampling Date 4/23/2008
Sampling Time 9:00
Sampling Equipment disposable teflon bailer
Sample Observations clear

Analytical Data

Method	Container Type and No.	Preservation
Appendix I VOCs	(2) 40 mL glass vials	HCL
Appendix I Metals	(1) 500 mL plastic bottles	HNO3

Comments

Project Name: Lincoln County Landfill
Project Location: Crouse, North Carolina
Project Number: 1356-07-004

Well ID MW-33

Sampling Personnel (1) Tom Steelman (2) Courtney Withers
Weather Conditions Cloudy/Warm
Unusual Site Conditions

Water Level Data

Measuring Point Location TOC
Well Casing Volume 2.0
Depth to Water (ft) 13.71
Depth to Base of Well (ft) 25.30
(well casing volume = water column*0.174)
Water Column (ft) 11.59
Equipment Used to Measure Depths Electric Water Level Probe

Well Purging Data

Date 4/22/2008
Purging Equipment Disposable Teflon Bailer

	Total Voume (Gal)	Time	pH	Temp (C)	Conductance (µS)
Initial	0	13:49	5.69	15.3	96
	2.0	13:50	5.65	14.5	91
	4.0	13:51	5.72	14.6	93
Final	6.0				

Well Sampling Data

Sampling Date 4/23/2008
Sampling Time 9:05
Sampling Equipment disposable teflon bailer
Sample Observations clear

Analytical Data

Method	Container Type and No.	Preservation
Appendix I VOCs	(2) 40 mL glass vials	HCL
Appendix I Metals	(1) 500 mL plastic bottles	HNO3

Comments Purged dry at 4 gallons

Project Name: Lincoln County Landfill
Project Location: Crouse, North Carolina
Project Number: 1356-07-004

Well ID MW-33A

Sampling Personnel (1) Tom Steelman (2) Courtney Withers
Weather Conditions Cloudy/Warm
Unusual Site Conditions

Water Level Data

Measuring Point Location TOC
Well Casing Volume 9.0
Depth to Water (ft) 14.10
Depth to Base of Well (ft) 64.55
(well casing volume = water column*0.174)
Water Column (ft) 50.45
Equipment Used to Measure Depths Electric Water Level Probe

Well Purging Data

Date 4/22/2008
Purging Equipment Field Cleaned Typhoon Pump

	Total Voume (Gal)	Time	pH	Temp (C)	Conductance (µS)
Initial	0	13:48	6.79	16.7	140
	9.0	13:57	7.02	15.3	162
	18.0	14:06	7.16	16.0	148
Final	27.0	14:15	7.06	16.2	136

Well Sampling Data

Sampling Date 4/23/2008
Sampling Time 9:10
Sampling Equipment disposable teflon bailer
Sample Observations clear

Analytical Data

Method	Container Type and No.	Preservation
Appendix I VOCs	(2) 40 mL glass vials	HCL
Appendix I Metals	(1) 500 mL plastic bottles	HNO3

Comments

Project Name: Lincoln County Landfill
Project Location: Crouse, North Carolina
Project Number: 1356-07-004

Well ID MW-34

Sampling Personnel	(1)	Tom Steelman	(2)	Courtney Withers
Weather Conditions	Cloudy/Warm			
Unusual Site Conditions				

Water Level Data

Measuring Point Location	TOC	Well Casing Volume	1.0
Depth to Water (ft)	29.59		
Depth to Base of Well (ft)	35.27	(well casing volume = water column*0.174)	
Water Column (ft)	5.68		
Equipment Used to Measure Depths	Electric Water Level Probe		

Well Purging Data

Date 4/22/2008 Purging Equipment Disposable Teflon Bailer

	Total Voume (Gal)	Time	pH	Temp (C)	Conductance (µS)
Initial	0	14:20	5.42	16.9	40
	1.0	14:21	5.33	16.7	38
	2.0				
Final	3.0				

Well Sampling Data

Sampling Date	4/23/2008
Sampling Time	9:40
Sampling Equipment	disposable teflon bailer
Sample Observations	clear

Analytical Data

Method	Container Type and No.	Preservation
Appendix I VOCs	(2) 40 mL glass vials	HCL
Appendix I Metals	(1) 500 mL plastic bottles	HNO3

Comments Purged dry at 1 gallon

Project Name: Lincoln County Landfill
Project Location: Crouse, North Carolina
Project Number: 1356-07-004

Well ID MW-35

Sampling Personnel (1) Tom Steelman (2) Courtney Withers
Weather Conditions Cloudy/Warm
Unusual Site Conditions

Water Level Data

Measuring Point Location TOC
Well Casing Volume 0.7
Depth to Water (ft) 33.10
Depth to Base of Well (ft) 37.25
(well casing volume = water column*0.174)
Water Column (ft) 4.15
Equipment Used to Measure Depths Electric Water Level Probe

Well Purging Data

Date 4/22/2008
Purging Equipment Disposable Teflon Bailer

	Total Voume (Gal)	Time	pH	Temp (C)	Conductance (µS)
Initial	0	14:32	6.42	15.9	12
	0.7	14:33	5.25	15.6	10
	1.4	14:34	5.18	15.4	8
Final	2.1	14:35	5.01	15.3	7

Well Sampling Data

Sampling Date 4/23/2008
Sampling Time 9:45
Sampling Equipment disposable teflon bailer
Sample Observations clear

Analytical Data

Method	Container Type and No.	Preservation
Appendix I VOCs	(2) 40 mL glass vials	HCL
Appendix I Metals	(1) 500 mL plastic bottles	HNO3

Comments

Project Name: Lincoln County Landfill
Project Location: Crouse, North Carolina
Project Number: 1356-07-004

Well ID MW-35A

Sampling Personnel (1) Tom Steelman (2) Courtney Withers
Weather Conditions Cloudy/Warm
Unusual Site Conditions

Water Level Data

Measuring Point Location TOC
Well Casing Volume 6.0
Depth to Water (ft) 34.06
Depth to Base of Well (ft) 69.69
(well casing volume = water column*0.174)
Water Column (ft) 35.63
Equipment Used to Measure Depths Electric Water Level Probe

Well Purging Data

Date 4/22/2008
Purging Equipment Field Cleaned Typhoon Pump

	Total Voume (Gal)	Time	pH	Temp (C)	Conductance (µS)
Initial	0	14:30	8.60	16.8	82
	6.0	14:36	6.17	15.4	40
	12.0	14:42	6.20	15.2	41
Final	18.0	14:48	6.42	15.3	40

Well Sampling Data

Sampling Date 4/23/2008
Sampling Time 9:50
Sampling Equipment disposable teflon bailer
Sample Observations clear

Analytical Data

Method	Container Type and No.	Preservation
Appendix I VOCs	(2) 40 mL glass vials	HCL
Appendix I Metals	(1) 500 mL plastic bottles	HNO3

Comments

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Tax I.D. 62-0814289

Est. 1970

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.

Charlotte, NC 28273

Report Summary

Tuesday May 06, 2008

Report Number: L342345
Samples Received: 04/24/08
Client Project: 1356-07-004

Description: Lincoln County Landfill

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: Jimmy Hunt

Jimmy Hunt, 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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36 Samples Reported: 05/01/08 09:53 Revised: 05/06/08 15:31

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Est. 1970

REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-01

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-1A

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/22/08 08:00

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
Antimony	1.3	0.22	1.0	ug/l	6020	04/25/08	1	6
Arsenic	0.26	0.15	1.0	ug/l	6020	04/25/08	1	10
Beryllium	0.32	0.24	1.0	ug/l	6020	04/25/08	1	1
Cadmium	U	0.24	0.50	ug/l	6020	04/25/08	1	1
Copper	5.1	0.45	1.0	ug/l	6020	04/25/08	1	10
Selenium	U	0.43	1.0	ug/l	6020	04/25/08	1	10
Thallium	0.20	0.090	1.0	ug/l	6020	04/25/08	1	5.5
Zinc	24.	3.0	10.	ug/l	6020	04/25/08	1	10
Mercury	U	0.044	0.20	ug/l	7470A	04/25/08	1	.2
Barium	72.	1.0	5.0	ug/l	6010B	04/25/08	1	100
Chromium	17.	2.3	10.	ug/l	6010B	04/25/08	1	10
Cobalt	4.1	1.1	10.	ug/l	6010B	04/25/08	1	10
Iron	5200	32.	100	ug/l	6010B	04/25/08	1	300
Lead	5.2	2.4	5.0	ug/l	6010B	04/25/08	1	5
Manganese	47.	9.0	10.	ug/l	6010B	04/25/08	1	50
Nickel	13.	9.8	20.	ug/l	6010B	04/25/08	1	50
Silver	U	2.5	10.	ug/l	6010B	04/25/08	1	10
Vanadium	11.	2.9	10.	ug/l	6010B	04/25/08	1	25
Volatile Organics								
Acetone	U	8.9	50.	ug/l	8260B	04/28/08	1	100
Acrylonitrile	U	1.7	10.	ug/l	8260B	04/28/08	1	200
Benzene	U	0.29	1.0	ug/l	8260B	04/28/08	1	1
Bromochloromethane	U	0.44	1.0	ug/l	8260B	04/28/08	1	3
Bromodichloromethane	U	0.37	1.0	ug/l	8260B	04/28/08	1	1
Bromoform	U	0.51	1.0	ug/l	8260B	04/28/08	1	3
Bromomethane	U	0.89	5.0	ug/l	8260B	04/28/08	1	10
Carbon disulfide	U	0.32	1.0	ug/l	8260B	04/28/08	1	100
Carbon tetrachloride	U	0.31	1.0	ug/l	8260B	04/28/08	1	1
Chlorobenzene	U	0.26	1.0	ug/l	8260B	04/28/08	1	3
Chlorodibromomethane	U	0.42	1.0	ug/l	8260B	04/28/08	1	1
Chloroethane	U	0.86	5.0	ug/l	8260B	04/28/08	1	10
Chloroform	9.4	0.33	5.0	ug/l	8260B	04/28/08	1	5
Chloromethane	U	0.25	2.5	ug/l	8260B	04/28/08	1	1
Dibromomethane	U	0.28	1.0	ug/l	8260B	04/28/08	1	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l	8260B	04/28/08	1	5
1,4-Dichlorobenzene	U	0.30	1.0	ug/l	8260B	04/28/08	1	1
trans-1,4-Dichloro-2-butene	U	0.85	2.5	ug/l	8260B	04/28/08	1	100
1,1-Dichloroethane	U	0.31	1.0	ug/l	8260B	04/28/08	1	5
1,2-Dichloroethane	U	0.27	1.0	ug/l	8260B	04/28/08	1	1

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
RDL = Reported Detection Limit = LOQ = PQL = EQL = MQL(TRRP)
Note:
The reported analytical results relate only to the sample submitted.
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Reported: 05/01/08 09:53 Revised: 05/06/08 15:33

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Tax I.D. 62-0814289

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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-01

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-1A

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/22/08 08:00

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
1,1-Dichloroethene	U	0.50	1.0	ug/l	8260B	04/28/08	1	5
cis-1,2-Dichloroethene	U	0.38	1.0	ug/l	8260B	04/28/08	1	5
trans-1,2-Dichloroethene	U	0.30	1.0	ug/l	8260B	04/28/08	1	5
1,2-Dichloropropane	U	0.52	1.0	ug/l	8260B	04/28/08	1	1
cis-1,3-Dichloropropene	U	0.26	1.0	ug/l	8260B	04/28/08	1	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l	8260B	04/28/08	1	1
Ethylbenzene	U	0.22	1.0	ug/l	8260B	04/28/08	1	1
2-Hexanone	U	1.6	10.	ug/l	8260B	04/28/08	1	50
Iodomethane	U	2.6	10.	ug/l	8260B	04/28/08	1	10
2-Butanone (MEK)	U	4.5	10.	ug/l	8260B	04/28/08	1	10
Methylene Chloride	U	0.30	5.0	ug/l	8260B	04/28/08	1	1
4-Methyl-2-pentanone (MIBK)	U	1.4	10.	ug/l	8260B	04/28/08	1	100
Styrene	U	0.38	1.0	ug/l	8260B	04/28/08	1	1
1,1,1,2-Tetrachloroethane	U	0.40	1.0	ug/l	8260B	04/28/08	1	5
1,1,2,2-Tetrachloroethane	U	0.22	1.0	ug/l	8260B	04/28/08	1	1
Tetrachloroethene	U	0.29	1.0	ug/l	8260B	04/28/08	1	1
Toluene	U	0.27	5.0	ug/l	8260B	04/28/08	1	1
1,1,1-Trichloroethane	U	0.27	1.0	ug/l	8260B	04/28/08	1	1
1,1,2-Trichloroethane	U	0.45	1.0	ug/l	8260B	04/28/08	1	5
Trichloroethene	U	0.37	1.0	ug/l	8260B	04/28/08	1	1
Trichlorofluoromethane	U	0.29	5.0	ug/l	8260B	04/28/08	1	1
1,2,3-Trichloropropane	U	0.36	1.0	ug/l	8260B	04/28/08	1	1
Vinyl acetate	U	1.0	10.	ug/l	8260B	04/28/08	1	50
Vinyl chloride	U	0.27	1.0	ug/l	8260B	04/28/08	1	1
Xylenes, Total	U	0.86	3.0	ug/l	8260B	04/28/08	1	4
Surrogate Recovery								
Toluene-d8	100.			% Rec.	8260B	04/28/08	1	
Dibromofluoromethane	110.			% Rec.	8260B	04/28/08	1	
4-Bromofluorobenzene	99.4			% Rec.	8260B	04/28/08	1	

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
RDL = Reported Detection Limit = LOQ = PQL = EQL = MQL(TRRP)
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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-02

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-9

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/22/08 09:45

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
Antimony	0.34	0.22	1.0	ug/l	6020	04/25/08	1	6
Arsenic	U	0.15	1.0	ug/l	6020	04/25/08	1	10
Beryllium	U	0.24	1.0	ug/l	6020	04/25/08	1	1
Cadmium	U	0.24	0.50	ug/l	6020	04/25/08	1	1
Copper	0.64	0.45	1.0	ug/l	6020	04/25/08	1	10
Selenium	U	0.43	1.0	ug/l	6020	04/25/08	1	10
Thallium	U	0.090	1.0	ug/l	6020	04/25/08	1	5.5
Zinc	5.8	3.0	10.	ug/l	6020	04/25/08	1	10
Mercury	U	0.044	0.20	ug/l	7470A	04/25/08	1	.2
Barium	29.	1.0	5.0	ug/l	6010B	04/25/08	1	100
Chromium	2.4	2.3	10.	ug/l	6010B	04/25/08	1	10
Cobalt	U	1.1	10.	ug/l	6010B	04/25/08	1	10
Lead	U	2.4	5.0	ug/l	6010B	04/25/08	1	5
Nickel	U	9.8	20.	ug/l	6010B	04/25/08	1	50
Silver	U	2.5	10.	ug/l	6010B	04/25/08	1	10
Vanadium	U	2.9	10.	ug/l	6010B	04/25/08	1	25
Volatile Organics								
Acetone	30.	8.9	50.	ug/l	8260B	04/28/08	1	100
Acrylonitrile	U	1.7	10.	ug/l	8260B	04/28/08	1	200
Benzene	U	0.29	1.0	ug/l	8260B	04/28/08	1	1
Bromochloromethane	U	0.44	1.0	ug/l	8260B	04/28/08	1	3
Bromodichloromethane	U	0.37	1.0	ug/l	8260B	04/28/08	1	1
Bromoform	U	0.51	1.0	ug/l	8260B	04/28/08	1	3
Bromomethane	U	0.89	5.0	ug/l	8260B	04/28/08	1	10
Carbon disulfide	U	0.32	1.0	ug/l	8260B	04/28/08	1	100
Carbon tetrachloride	U	0.31	1.0	ug/l	8260B	04/28/08	1	1
Chlorobenzene	U	0.26	1.0	ug/l	8260B	04/28/08	1	3
Chlorodibromomethane	U	0.42	1.0	ug/l	8260B	04/28/08	1	1
Chloroethane	U	0.86	5.0	ug/l	8260B	04/28/08	1	10
Chloroform	U	0.33	5.0	ug/l	8260B	04/28/08	1	5
Chloromethane	U	0.25	2.5	ug/l	8260B	04/28/08	1	1
Dibromomethane	U	0.28	1.0	ug/l	8260B	04/28/08	1	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l	8260B	04/28/08	1	5
1,4-Dichlorobenzene	U	0.30	1.0	ug/l	8260B	04/28/08	1	1
trans-1,4-Dichloro-2-butene	U	0.85	2.5	ug/l	8260B	04/28/08	1	100
1,1-Dichloroethane	U	0.31	1.0	ug/l	8260B	04/28/08	1	5
1,2-Dichloroethane	U	0.27	1.0	ug/l	8260B	04/28/08	1	1
1,1-Dichloroethene	U	0.50	1.0	ug/l	8260B	04/28/08	1	5
cis-1,2-Dichloroethene	U	0.38	1.0	ug/l	8260B	04/28/08	1	5

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-02

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-9

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/22/08 09:45

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
trans-1,2-Dichloroethene	U	0.30	1.0	ug/l	8260B	04/28/08	1	5
1,2-Dichloropropane	U	0.52	1.0	ug/l	8260B	04/28/08	1	1
cis-1,3-Dichloropropene	U	0.26	1.0	ug/l	8260B	04/28/08	1	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l	8260B	04/28/08	1	1
Ethylbenzene	U	0.22	1.0	ug/l	8260B	04/28/08	1	1
2-Hexanone	U	1.6	10.	ug/l	8260B	04/28/08	1	50
Iodomethane	U	2.6	10.	ug/l	8260B	04/28/08	1	10
2-Butanone (MEK)	U	4.5	10.	ug/l	8260B	04/28/08	1	10
Methylene Chloride	U	0.30	5.0	ug/l	8260B	04/28/08	1	1
4-Methyl-2-pentanone (MIBK)	U	1.4	10.	ug/l	8260B	04/28/08	1	100
Styrene	U	0.38	1.0	ug/l	8260B	04/28/08	1	1
1,1,1,2-Tetrachloroethane	U	0.40	1.0	ug/l	8260B	04/28/08	1	5
1,1,2,2-Tetrachloroethane	U	0.22	1.0	ug/l	8260B	04/28/08	1	1
Tetrachloroethene	U	0.29	1.0	ug/l	8260B	04/28/08	1	1
Toluene	U	0.27	5.0	ug/l	8260B	04/28/08	1	1
1,1,1-Trichloroethane	U	0.27	1.0	ug/l	8260B	04/28/08	1	1
1,1,2-Trichloroethane	U	0.45	1.0	ug/l	8260B	04/28/08	1	5
Trichloroethene	U	0.37	1.0	ug/l	8260B	04/28/08	1	1
Trichlorofluoromethane	U	0.29	5.0	ug/l	8260B	04/28/08	1	1
1,2,3-Trichloropropane	U	0.36	1.0	ug/l	8260B	04/28/08	1	1
Vinyl acetate	U	1.0	10.	ug/l	8260B	04/28/08	1	50
Vinyl chloride	U	0.27	1.0	ug/l	8260B	04/28/08	1	1
Xylenes, Total	U	0.86	3.0	ug/l	8260B	04/28/08	1	4
Surrogate Recovery								
Toluene-d8	97.4			% Rec.	8260B	04/28/08	1	
Dibromofluoromethane	111.			% Rec.	8260B	04/28/08	1	
4-Bromofluorobenzene	108.			% Rec.	8260B	04/28/08	1	

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-03

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-10R

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/22/08 09:35

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
Antimony	U	0.22	1.0	ug/l	6020	04/25/08	1	6
Arsenic	U	0.15	1.0	ug/l	6020	04/25/08	1	10
Beryllium	U	0.24	1.0	ug/l	6020	04/25/08	1	1
Cadmium	U	0.24	0.50	ug/l	6020	04/25/08	1	1
Copper	1.7	0.45	1.0	ug/l	6020	04/25/08	1	10
Selenium	U	0.43	1.0	ug/l	6020	04/25/08	1	10
Thallium	U	0.090	1.0	ug/l	6020	04/25/08	1	5.5
Zinc	6.7	3.0	10.	ug/l	6020	04/25/08	1	10
Mercury	U	0.044	0.20	ug/l	7470A	04/25/08	1	.2
Barium	37.	1.0	5.0	ug/l	6010B	04/25/08	1	100
Chromium	5.6	2.3	10.	ug/l	6010B	04/25/08	1	10
Cobalt	1.2	1.1	10.	ug/l	6010B	04/25/08	1	10
Lead	U	2.4	5.0	ug/l	6010B	04/25/08	1	5
Nickel	U	9.8	20.	ug/l	6010B	04/25/08	1	50
Silver	U	2.5	10.	ug/l	6010B	04/25/08	1	10
Vanadium	7.9	2.9	10.	ug/l	6010B	04/25/08	1	25
Volatile Organics								
Acetone	U	8.9	50.	ug/l	8260B	04/28/08	1	100
Acrylonitrile	U	1.7	10.	ug/l	8260B	04/28/08	1	200
Benzene	U	0.29	1.0	ug/l	8260B	04/28/08	1	1
Bromochloromethane	U	0.44	1.0	ug/l	8260B	04/28/08	1	3
Bromodichloromethane	U	0.37	1.0	ug/l	8260B	04/28/08	1	1
Bromoform	U	0.51	1.0	ug/l	8260B	04/28/08	1	3
Bromomethane	U	0.89	5.0	ug/l	8260B	04/28/08	1	10
Carbon disulfide	U	0.32	1.0	ug/l	8260B	04/28/08	1	100
Carbon tetrachloride	U	0.31	1.0	ug/l	8260B	04/28/08	1	1
Chlorobenzene	U	0.26	1.0	ug/l	8260B	04/28/08	1	3
Chlorodibromomethane	U	0.42	1.0	ug/l	8260B	04/28/08	1	1
Chloroethane	U	0.86	5.0	ug/l	8260B	04/28/08	1	10
Chloroform	U	0.33	5.0	ug/l	8260B	04/28/08	1	5
Chloromethane	U	0.25	2.5	ug/l	8260B	04/28/08	1	1
Dibromomethane	U	0.28	1.0	ug/l	8260B	04/28/08	1	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l	8260B	04/28/08	1	5
1,4-Dichlorobenzene	U	0.30	1.0	ug/l	8260B	04/28/08	1	1
trans-1,4-Dichloro-2-butene	U	0.85	2.5	ug/l	8260B	04/28/08	1	100
1,1-Dichloroethane	U	0.31	1.0	ug/l	8260B	04/28/08	1	5
1,2-Dichloroethane	U	0.27	1.0	ug/l	8260B	04/28/08	1	1
1,1-Dichloroethene	U	0.50	1.0	ug/l	8260B	04/28/08	1	5
cis-1,2-Dichloroethene	U	0.38	1.0	ug/l	8260B	04/28/08	1	5

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-03

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-10R

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/22/08 09:35

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
trans-1,2-Dichloroethene	U	0.30	1.0	ug/l	8260B	04/28/08	1	5
1,2-Dichloropropane	U	0.52	1.0	ug/l	8260B	04/28/08	1	1
cis-1,3-Dichloropropene	U	0.26	1.0	ug/l	8260B	04/28/08	1	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l	8260B	04/28/08	1	1
Ethylbenzene	U	0.22	1.0	ug/l	8260B	04/28/08	1	1
2-Hexanone	U	1.6	10.	ug/l	8260B	04/28/08	1	50
Iodomethane	U	2.6	10.	ug/l	8260B	04/28/08	1	10
2-Butanone (MEK)	U	4.5	10.	ug/l	8260B	04/28/08	1	10
Methylene Chloride	U	0.30	5.0	ug/l	8260B	04/28/08	1	1
4-Methyl-2-pentanone (MIBK)	U	1.4	10.	ug/l	8260B	04/28/08	1	100
Styrene	U	0.38	1.0	ug/l	8260B	04/28/08	1	1
1,1,1,2-Tetrachloroethane	U	0.40	1.0	ug/l	8260B	04/28/08	1	5
1,1,2,2-Tetrachloroethane	U	0.22	1.0	ug/l	8260B	04/28/08	1	1
Tetrachloroethene	U	0.29	1.0	ug/l	8260B	04/28/08	1	1
Toluene	U	0.27	5.0	ug/l	8260B	04/28/08	1	1
1,1,1-Trichloroethane	U	0.27	1.0	ug/l	8260B	04/28/08	1	1
1,1,2-Trichloroethane	U	0.45	1.0	ug/l	8260B	04/28/08	1	5
Trichloroethene	U	0.37	1.0	ug/l	8260B	04/28/08	1	1
Trichlorofluoromethane	U	0.29	5.0	ug/l	8260B	04/28/08	1	1
1,2,3-Trichloropropane	U	0.36	1.0	ug/l	8260B	04/28/08	1	1
Vinyl acetate	U	1.0	10.	ug/l	8260B	04/28/08	1	50
Vinyl chloride	U	0.27	1.0	ug/l	8260B	04/28/08	1	1
Xylenes, Total	U	0.86	3.0	ug/l	8260B	04/28/08	1	4
Surrogate Recovery								
Toluene-d8	98.3			% Rec.	8260B	04/28/08	1	
Dibromofluoromethane	111.			% Rec.	8260B	04/28/08	1	
4-Bromofluorobenzene	102.			% Rec.	8260B	04/28/08	1	

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-04

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-12

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/22/08 10:10

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
Antimony	0.23	0.22	1.0	ug/l	6020	04/25/08	1	6
Arsenic	0.28	0.15	1.0	ug/l	6020	04/25/08	1	10
Beryllium	0.25	0.24	1.0	ug/l	6020	04/25/08	1	1
Cadmium	0.31	0.24	0.50	ug/l	6020	04/25/08	1	1
Copper	2.1	0.45	1.0	ug/l	6020	04/25/08	1	10
Selenium	U	0.43	1.0	ug/l	6020	04/25/08	1	10
Thallium	0.12	0.090	1.0	ug/l	6020	04/25/08	1	5.5
Zinc	170	3.0	10.	ug/l	6020	04/25/08	1	10
Mercury	U	0.044	0.20	ug/l	7470A	04/25/08	1	.2
Barium	240	1.0	5.0	ug/l	6010B	04/25/08	1	100
Chromium	U	2.3	10.	ug/l	6010B	04/25/08	1	10
Cobalt	14.	1.1	10.	ug/l	6010B	04/25/08	1	10
Lead	U	2.4	5.0	ug/l	6010B	04/25/08	1	5
Nickel	U	9.8	20.	ug/l	6010B	04/25/08	1	50
Silver	U	2.5	10.	ug/l	6010B	04/25/08	1	10
Vanadium	U	2.9	10.	ug/l	6010B	04/25/08	1	25
Volatile Organics								
Acetone	U	8.9	50.	ug/l	8260B	04/28/08	1	100
Acrylonitrile	U	1.7	10.	ug/l	8260B	04/28/08	1	200
Benzene	U	0.29	1.0	ug/l	8260B	04/28/08	1	1
Bromochloromethane	U	0.44	1.0	ug/l	8260B	04/28/08	1	3
Bromodichloromethane	U	0.37	1.0	ug/l	8260B	04/28/08	1	1
Bromoform	U	0.51	1.0	ug/l	8260B	04/28/08	1	3
Bromomethane	U	0.89	5.0	ug/l	8260B	04/28/08	1	10
Carbon disulfide	U	0.32	1.0	ug/l	8260B	04/28/08	1	100
Carbon tetrachloride	U	0.31	1.0	ug/l	8260B	04/28/08	1	1
Chlorobenzene	U	0.26	1.0	ug/l	8260B	04/28/08	1	3
Chlorodibromomethane	U	0.42	1.0	ug/l	8260B	04/28/08	1	1
Chloroethane	U	0.86	5.0	ug/l	8260B	04/28/08	1	10
Chloroform	U	0.33	5.0	ug/l	8260B	04/28/08	1	5
Chloromethane	U	0.25	2.5	ug/l	8260B	04/28/08	1	1
Dibromomethane	U	0.28	1.0	ug/l	8260B	04/28/08	1	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l	8260B	04/28/08	1	5
1,4-Dichlorobenzene	U	0.30	1.0	ug/l	8260B	04/28/08	1	1
trans-1,4-Dichloro-2-butene	U	0.85	2.5	ug/l	8260B	04/28/08	1	100
1,1-Dichloroethane	U	0.31	1.0	ug/l	8260B	04/28/08	1	5
1,2-Dichloroethane	U	0.27	1.0	ug/l	8260B	04/28/08	1	1
1,1-Dichloroethene	U	0.50	1.0	ug/l	8260B	04/28/08	1	5
cis-1,2-Dichloroethene	U	0.38	1.0	ug/l	8260B	04/28/08	1	5

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
RDL = Reported Detection Limit = LOQ = PQL = EQL = MQL(TRRP)
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Tax I.D. 62-0814289

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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-04

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-12

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/22/08 10:10

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
trans-1,2-Dichloroethene	U	0.30	1.0	ug/l	8260B	04/28/08	1	5
1,2-Dichloropropane	U	0.52	1.0	ug/l	8260B	04/28/08	1	1
cis-1,3-Dichloropropene	U	0.26	1.0	ug/l	8260B	04/28/08	1	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l	8260B	04/28/08	1	1
Ethylbenzene	U	0.22	1.0	ug/l	8260B	04/28/08	1	1
2-Hexanone	U	1.6	10.	ug/l	8260B	04/28/08	1	50
Iodomethane	U	2.6	10.	ug/l	8260B	04/28/08	1	10
2-Butanone (MEK)	U	4.5	10.	ug/l	8260B	04/28/08	1	10
Methylene Chloride	U	0.30	5.0	ug/l	8260B	04/28/08	1	1
4-Methyl-2-pentanone (MIBK)	U	1.4	10.	ug/l	8260B	04/28/08	1	100
Styrene	U	0.38	1.0	ug/l	8260B	04/28/08	1	1
1,1,1,2-Tetrachloroethane	U	0.40	1.0	ug/l	8260B	04/28/08	1	5
1,1,2,2-Tetrachloroethane	U	0.22	1.0	ug/l	8260B	04/28/08	1	1
Tetrachloroethene	U	0.29	1.0	ug/l	8260B	04/28/08	1	1
Toluene	0.65	0.27	5.0	ug/l	8260B	04/28/08	1	1
1,1,1-Trichloroethane	U	0.27	1.0	ug/l	8260B	04/28/08	1	1
1,1,2-Trichloroethane	U	0.45	1.0	ug/l	8260B	04/28/08	1	5
Trichloroethene	U	0.37	1.0	ug/l	8260B	04/28/08	1	1
Trichlorofluoromethane	U	0.29	5.0	ug/l	8260B	04/28/08	1	1
1,2,3-Trichloropropane	U	0.36	1.0	ug/l	8260B	04/28/08	1	1
Vinyl acetate	U	1.0	10.	ug/l	8260B	04/28/08	1	50
Vinyl chloride	U	0.27	1.0	ug/l	8260B	04/28/08	1	1
Xylenes, Total	U	0.86	3.0	ug/l	8260B	04/28/08	1	4
Surrogate Recovery								
Toluene-d8	98.0			% Rec.	8260B	04/28/08	1	
Dibromofluoromethane	112.			% Rec.	8260B	04/28/08	1	
4-Bromofluorobenzene	94.0			% Rec.	8260B	04/28/08	1	

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
RDL = Reported Detection Limit = LOQ = PQL = EQL = MQL(TRRP)
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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-05

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-13

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/23/08 08:07

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
Antimony	U	0.22	1.0	ug/l	6020	04/25/08	1	6
Arsenic	1.7	0.15	1.0	ug/l	6020	04/25/08	1	10
Beryllium	U	0.24	1.0	ug/l	6020	04/25/08	1	1
Cadmium	U	0.24	0.50	ug/l	6020	04/25/08	1	1
Copper	1.7	0.45	1.0	ug/l	6020	04/25/08	1	10
Selenium	U	0.43	1.0	ug/l	6020	04/25/08	1	10
Thallium	1.1	0.090	1.0	ug/l	6020	04/25/08	1	5.5
Zinc	15.	3.0	10.	ug/l	6020	04/25/08	1	10
Mercury	U	0.044	0.20	ug/l	7470A	04/25/08	1	.2
Barium	73.	1.0	5.0	ug/l	6010B	04/25/08	1	100
Chromium	U	2.3	10.	ug/l	6010B	04/25/08	1	10
Cobalt	180	1.1	10.	ug/l	6010B	04/25/08	1	10
Lead	U	2.4	5.0	ug/l	6010B	04/25/08	1	5
Nickel	13.	9.8	20.	ug/l	6010B	04/25/08	1	50
Silver	U	2.5	10.	ug/l	6010B	04/25/08	1	10
Vanadium	U	2.9	10.	ug/l	6010B	04/25/08	1	25
Volatile Organics								
Acetone	39.	8.9	50.	ug/l	8260B	04/28/08	1	100
Acrylonitrile	U	1.7	10.	ug/l	8260B	04/28/08	1	200
Benzene	4.6	0.29	1.0	ug/l	8260B	04/28/08	1	1
Bromochloromethane	U	0.44	1.0	ug/l	8260B	04/28/08	1	3
Bromodichloromethane	U	0.37	1.0	ug/l	8260B	04/28/08	1	1
Bromoform	U	0.51	1.0	ug/l	8260B	04/28/08	1	3
Bromomethane	U	0.89	5.0	ug/l	8260B	04/28/08	1	10
Carbon disulfide	U	0.32	1.0	ug/l	8260B	04/28/08	1	100
Carbon tetrachloride	U	0.31	1.0	ug/l	8260B	04/28/08	1	1
Chlorobenzene	U	0.26	1.0	ug/l	8260B	04/28/08	1	3
Chlorodibromomethane	U	0.42	1.0	ug/l	8260B	04/28/08	1	1
Chloroethane	1.8	0.86	5.0	ug/l	8260B	04/28/08	1	10
Chloroform	U	0.33	5.0	ug/l	8260B	04/28/08	1	5
Chloromethane	U	0.25	2.5	ug/l	8260B	04/28/08	1	1
Dibromomethane	U	0.28	1.0	ug/l	8260B	04/28/08	1	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l	8260B	04/28/08	1	5
1,4-Dichlorobenzene	1.7	0.30	1.0	ug/l	8260B	04/28/08	1	1
trans-1,4-Dichloro-2-butene	U	0.85	2.5	ug/l	8260B	04/28/08	1	100
1,1-Dichloroethane	20.	0.31	1.0	ug/l	8260B	04/28/08	1	5
1,2-Dichloroethane	U	0.27	1.0	ug/l	8260B	04/28/08	1	1
1,1-Dichloroethene	U	0.50	1.0	ug/l	8260B	04/28/08	1	5
cis-1,2-Dichloroethene	2.8	0.38	1.0	ug/l	8260B	04/28/08	1	5

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-05

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-13

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/23/08 08:07

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
trans-1,2-Dichloroethene	U	0.30	1.0	ug/l	8260B	04/28/08	1	5
1,2-Dichloropropane	U	0.52	1.0	ug/l	8260B	04/28/08	1	1
cis-1,3-Dichloropropene	U	0.26	1.0	ug/l	8260B	04/28/08	1	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l	8260B	04/28/08	1	1
Ethylbenzene	0.34	0.22	1.0	ug/l	8260B	04/28/08	1	1
2-Hexanone	U	1.6	10.	ug/l	8260B	04/28/08	1	50
Iodomethane	U	2.6	10.	ug/l	8260B	04/28/08	1	10
2-Butanone (MEK)	U	4.5	10.	ug/l	8260B	04/28/08	1	10
Methylene Chloride	2.5	0.30	5.0	ug/l	8260B	04/28/08	1	1
4-Methyl-2-pentanone (MIBK)	U	1.4	10.	ug/l	8260B	04/28/08	1	100
Styrene	U	0.38	1.0	ug/l	8260B	04/28/08	1	1
1,1,1,2-Tetrachloroethane	U	0.40	1.0	ug/l	8260B	04/28/08	1	5
1,1,2,2-Tetrachloroethane	U	0.22	1.0	ug/l	8260B	04/28/08	1	1
Tetrachloroethene	3.1	0.29	1.0	ug/l	8260B	04/28/08	1	1
Toluene	0.71	0.27	5.0	ug/l	8260B	04/28/08	1	1
1,1,1-Trichloroethane	U	0.27	1.0	ug/l	8260B	04/28/08	1	1
1,1,2-Trichloroethane	U	0.45	1.0	ug/l	8260B	04/28/08	1	5
Trichloroethene	2.2	0.37	1.0	ug/l	8260B	04/28/08	1	1
Trichlorofluoromethane	U	0.29	5.0	ug/l	8260B	04/28/08	1	1
1,2,3-Trichloropropane	U	0.36	1.0	ug/l	8260B	04/28/08	1	1
Vinyl acetate	U	1.0	10.	ug/l	8260B	04/28/08	1	50
Vinyl chloride	0.97	0.27	1.0	ug/l	8260B	04/28/08	1	1
Xylenes, Total	2.8	0.86	3.0	ug/l	8260B	04/28/08	1	4
Surrogate Recovery								
Toluene-d8	98.8			% Rec.	8260B	04/28/08	1	
Dibromofluoromethane	107.			% Rec.	8260B	04/28/08	1	
4-Bromofluorobenzene	99.7			% Rec.	8260B	04/28/08	1	

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-06

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-14

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/23/08 08:15

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
Antimony	1.1	0.22	1.0	ug/l	6020	04/25/08	1	6
Arsenic	U	0.15	1.0	ug/l	6020	04/25/08	1	10
Beryllium	U	0.24	1.0	ug/l	6020	04/25/08	1	1
Cadmium	0.34	0.24	0.50	ug/l	6020	04/25/08	1	1
Copper	2.1	0.45	1.0	ug/l	6020	04/25/08	1	10
Selenium	U	0.43	1.0	ug/l	6020	04/25/08	1	10
Thallium	U	0.090	1.0	ug/l	6020	04/25/08	1	5.5
Zinc	18.	3.0	10.	ug/l	6020	04/25/08	1	10
Mercury	U	0.044	0.20	ug/l	7470A	04/25/08	1	.2
Barium	23.	1.0	5.0	ug/l	6010B	04/25/08	1	100
Chromium	U	2.3	10.	ug/l	6010B	04/25/08	1	10
Cobalt	U	1.1	10.	ug/l	6010B	04/25/08	1	10
Lead	U	2.4	5.0	ug/l	6010B	04/25/08	1	5
Nickel	U	9.8	20.	ug/l	6010B	04/25/08	1	50
Silver	U	2.5	10.	ug/l	6010B	04/25/08	1	10
Vanadium	U	2.9	10.	ug/l	6010B	04/25/08	1	25
Volatile Organics								
Acetone	150	8.9	50.	ug/l	8260B	04/28/08	1	100
Acrylonitrile	U	1.7	10.	ug/l	8260B	04/28/08	1	200
Benzene	U	0.29	1.0	ug/l	8260B	04/28/08	1	1
Bromochloromethane	U	0.44	1.0	ug/l	8260B	04/28/08	1	3
Bromodichloromethane	U	0.37	1.0	ug/l	8260B	04/28/08	1	1
Bromoform	U	0.51	1.0	ug/l	8260B	04/28/08	1	3
Bromomethane	U	0.89	5.0	ug/l	8260B	04/28/08	1	10
Carbon disulfide	U	0.32	1.0	ug/l	8260B	04/28/08	1	100
Carbon tetrachloride	U	0.31	1.0	ug/l	8260B	04/28/08	1	1
Chlorobenzene	U	0.26	1.0	ug/l	8260B	04/28/08	1	3
Chlorodibromomethane	U	0.42	1.0	ug/l	8260B	04/28/08	1	1
Chloroethane	U	0.86	5.0	ug/l	8260B	04/28/08	1	10
Chloroform	U	0.33	5.0	ug/l	8260B	04/28/08	1	5
Chloromethane	U	0.25	2.5	ug/l	8260B	04/28/08	1	1
Dibromomethane	U	0.28	1.0	ug/l	8260B	04/28/08	1	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l	8260B	04/28/08	1	5
1,4-Dichlorobenzene	U	0.30	1.0	ug/l	8260B	04/28/08	1	1
trans-1,4-Dichloro-2-butene	U	0.85	2.5	ug/l	8260B	04/28/08	1	100
1,1-Dichloroethane	2.8	0.31	1.0	ug/l	8260B	04/28/08	1	5
1,2-Dichloroethane	U	0.27	1.0	ug/l	8260B	04/28/08	1	1
1,1-Dichloroethene	U	0.50	1.0	ug/l	8260B	04/28/08	1	5
cis-1,2-Dichloroethene	U	0.38	1.0	ug/l	8260B	04/28/08	1	5

U = ND (Not Detected)
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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-06

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-14

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/23/08 08:15

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
trans-1,2-Dichloroethene	U	0.30	1.0	ug/l	8260B	04/28/08	1	5
1,2-Dichloropropane	U	0.52	1.0	ug/l	8260B	04/28/08	1	1
cis-1,3-Dichloropropene	U	0.26	1.0	ug/l	8260B	04/28/08	1	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l	8260B	04/28/08	1	1
Ethylbenzene	U	0.22	1.0	ug/l	8260B	04/28/08	1	1
2-Hexanone	U	1.6	10.	ug/l	8260B	04/28/08	1	50
Iodomethane	U	2.6	10.	ug/l	8260B	04/28/08	1	10
2-Butanone (MEK)	U	4.5	10.	ug/l	8260B	04/28/08	1	10
Methylene Chloride	0.74	0.30	5.0	ug/l	8260B	04/28/08	1	1
4-Methyl-2-pentanone (MIBK)	U	1.4	10.	ug/l	8260B	04/28/08	1	100
Styrene	U	0.38	1.0	ug/l	8260B	04/28/08	1	1
1,1,1,2-Tetrachloroethane	U	0.40	1.0	ug/l	8260B	04/28/08	1	5
1,1,2,2-Tetrachloroethane	U	0.22	1.0	ug/l	8260B	04/28/08	1	1
Tetrachloroethene	0.43	0.29	1.0	ug/l	8260B	04/28/08	1	1
Toluene	U	0.27	5.0	ug/l	8260B	04/28/08	1	1
1,1,1-Trichloroethane	U	0.27	1.0	ug/l	8260B	04/28/08	1	1
1,1,2-Trichloroethane	U	0.45	1.0	ug/l	8260B	04/28/08	1	5
Trichloroethene	0.41	0.37	1.0	ug/l	8260B	04/28/08	1	1
Trichlorofluoromethane	U	0.29	5.0	ug/l	8260B	04/28/08	1	1
1,2,3-Trichloropropane	U	0.36	1.0	ug/l	8260B	04/28/08	1	1
Vinyl acetate	U	1.0	10.	ug/l	8260B	04/28/08	1	50
Vinyl chloride	U	0.27	1.0	ug/l	8260B	04/28/08	1	1
Xylenes, Total	U	0.86	3.0	ug/l	8260B	04/28/08	1	4
Surrogate Recovery								
Toluene-d8	98.6			% Rec.	8260B	04/28/08	1	
Dibromofluoromethane	115.			% Rec.	8260B	04/28/08	1	
4-Bromofluorobenzene	93.7			% Rec.	8260B	04/28/08	1	

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
RDL = Reported Detection Limit = LOQ = PQL = EQL = MQL(TRRP)
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-07

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-15

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/23/08 08:50

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
Antimony	U	0.22	1.0	ug/l	6020	04/25/08	1	6
Arsenic	U	0.15	1.0	ug/l	6020	04/25/08	1	10
Beryllium	0.34	0.24	1.0	ug/l	6020	04/25/08	1	1
Cadmium	U	0.24	0.50	ug/l	6020	04/25/08	1	1
Copper	1.0	0.45	1.0	ug/l	6020	04/25/08	1	10
Selenium	U	0.43	1.0	ug/l	6020	04/25/08	1	10
Thallium	U	0.090	1.0	ug/l	6020	04/25/08	1	5.5
Zinc	9.3	3.0	10.	ug/l	6020	04/25/08	1	10
Mercury	U	0.044	0.20	ug/l	7470A	04/25/08	1	.2
Barium	89.	1.0	5.0	ug/l	6010B	04/25/08	1	100
Chromium	U	2.3	10.	ug/l	6010B	04/25/08	1	10
Cobalt	1.4	1.1	10.	ug/l	6010B	04/25/08	1	10
Lead	U	2.4	5.0	ug/l	6010B	04/25/08	1	5
Nickel	U	9.8	20.	ug/l	6010B	04/25/08	1	50
Silver	U	2.5	10.	ug/l	6010B	04/25/08	1	10
Vanadium	3.7	2.9	10.	ug/l	6010B	04/25/08	1	25
Volatile Organics								
Acetone	U	8.9	50.	ug/l	8260B	04/28/08	1	100
Acrylonitrile	U	1.7	10.	ug/l	8260B	04/28/08	1	200
Benzene	U	0.29	1.0	ug/l	8260B	04/28/08	1	1
Bromochloromethane	U	0.44	1.0	ug/l	8260B	04/28/08	1	3
Bromodichloromethane	U	0.37	1.0	ug/l	8260B	04/28/08	1	1
Bromoform	U	0.51	1.0	ug/l	8260B	04/28/08	1	3
Bromomethane	U	0.89	5.0	ug/l	8260B	04/28/08	1	10
Carbon disulfide	U	0.32	1.0	ug/l	8260B	04/28/08	1	100
Carbon tetrachloride	U	0.31	1.0	ug/l	8260B	04/28/08	1	1
Chlorobenzene	U	0.26	1.0	ug/l	8260B	04/28/08	1	3
Chlorodibromomethane	U	0.42	1.0	ug/l	8260B	04/28/08	1	1
Chloroethane	U	0.86	5.0	ug/l	8260B	04/28/08	1	10
Chloroform	U	0.33	5.0	ug/l	8260B	04/28/08	1	5
Chloromethane	U	0.25	2.5	ug/l	8260B	04/28/08	1	1
Dibromomethane	U	0.28	1.0	ug/l	8260B	04/28/08	1	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l	8260B	04/28/08	1	5
1,4-Dichlorobenzene	U	0.30	1.0	ug/l	8260B	04/28/08	1	1
trans-1,4-Dichloro-2-butene	U	0.85	2.5	ug/l	8260B	04/28/08	1	100
1,1-Dichloroethane	U	0.31	1.0	ug/l	8260B	04/28/08	1	5
1,2-Dichloroethane	U	0.27	1.0	ug/l	8260B	04/28/08	1	1
1,1-Dichloroethene	U	0.50	1.0	ug/l	8260B	04/28/08	1	5
cis-1,2-Dichloroethene	U	0.38	1.0	ug/l	8260B	04/28/08	1	5

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
RDL = Reported Detection Limit = LOQ = PQL = EQL = MQL(TRRP)
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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-07

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-15

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/23/08 08:50

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
trans-1,2-Dichloroethene	U	0.30	1.0	ug/l	8260B	04/28/08	1	5
1,2-Dichloropropane	U	0.52	1.0	ug/l	8260B	04/28/08	1	1
cis-1,3-Dichloropropene	U	0.26	1.0	ug/l	8260B	04/28/08	1	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l	8260B	04/28/08	1	1
Ethylbenzene	U	0.22	1.0	ug/l	8260B	04/28/08	1	1
2-Hexanone	U	1.6	10.	ug/l	8260B	04/28/08	1	50
Iodomethane	U	2.6	10.	ug/l	8260B	04/28/08	1	10
2-Butanone (MEK)	U	4.5	10.	ug/l	8260B	04/28/08	1	10
Methylene Chloride	U	0.30	5.0	ug/l	8260B	04/28/08	1	1
4-Methyl-2-pentanone (MIBK)	U	1.4	10.	ug/l	8260B	04/28/08	1	100
Styrene	U	0.38	1.0	ug/l	8260B	04/28/08	1	1
1,1,1,2-Tetrachloroethane	U	0.40	1.0	ug/l	8260B	04/28/08	1	5
1,1,2,2-Tetrachloroethane	U	0.22	1.0	ug/l	8260B	04/28/08	1	1
Tetrachloroethene	U	0.29	1.0	ug/l	8260B	04/28/08	1	1
Toluene	U	0.27	5.0	ug/l	8260B	04/28/08	1	1
1,1,1-Trichloroethane	U	0.27	1.0	ug/l	8260B	04/28/08	1	1
1,1,2-Trichloroethane	U	0.45	1.0	ug/l	8260B	04/28/08	1	5
Trichloroethene	U	0.37	1.0	ug/l	8260B	04/28/08	1	1
Trichlorofluoromethane	U	0.29	5.0	ug/l	8260B	04/28/08	1	1
1,2,3-Trichloropropane	U	0.36	1.0	ug/l	8260B	04/28/08	1	1
Vinyl acetate	U	1.0	10.	ug/l	8260B	04/28/08	1	50
Vinyl chloride	U	0.27	1.0	ug/l	8260B	04/28/08	1	1
Xylenes, Total	U	0.86	3.0	ug/l	8260B	04/28/08	1	4
Surrogate Recovery								
Toluene-d8	100.			% Rec.	8260B	04/28/08	1	
Dibromofluoromethane	117.			% Rec.	8260B	04/28/08	1	
4-Bromofluorobenzene	88.4			% Rec.	8260B	04/28/08	1	

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-08

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-16R

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/23/08 07:55

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
Antimony	U	0.22	1.0	ug/l	6020	04/25/08	1	6
Arsenic	5.3	0.75	5.0	ug/l	6020	04/25/08	5	10
Beryllium	0.49	0.24	1.0	ug/l	6020	04/25/08	1	1
Cadmium	0.33	0.24	0.50	ug/l	6020	04/25/08	1	1
Copper	U	2.2	5.0	ug/l	6020	04/25/08	5	10
Selenium	U	2.2	5.0	ug/l	6020	04/25/08	5	10
Thallium	1.3	0.090	1.0	ug/l	6020	04/25/08	1	5.5
Zinc	61.	15.	50.	ug/l	6020	04/25/08	5	10
Mercury	U	0.044	0.20	ug/l	7470A	04/25/08	1	.2
Barium	270	1.0	5.0	ug/l	6010B	04/25/08	1	100
Chromium	6.7	2.3	10.	ug/l	6010B	04/25/08	1	10
Cobalt	25.	1.1	10.	ug/l	6010B	04/25/08	1	10
Lead	6.1	2.4	5.0	ug/l	6010B	04/25/08	1	5
Nickel	11.	9.8	20.	ug/l	6010B	04/25/08	1	50
Silver	3.9	2.5	10.	ug/l	6010B	04/25/08	1	10
Vanadium	4.5	2.9	10.	ug/l	6010B	04/25/08	1	25
Volatile Organics								
Acetone	U	8.9	50.	ug/l	8260B	04/28/08	1	100
Acrylonitrile	U	1.7	10.	ug/l	8260B	04/28/08	1	200
Benzene	7.0	0.29	1.0	ug/l	8260B	04/28/08	1	1
Bromochloromethane	U	0.44	1.0	ug/l	8260B	04/28/08	1	3
Bromodichloromethane	U	0.37	1.0	ug/l	8260B	04/28/08	1	1
Bromoform	U	0.51	1.0	ug/l	8260B	04/28/08	1	3
Bromomethane	U	0.89	5.0	ug/l	8260B	04/28/08	1	10
Carbon disulfide	U	0.32	1.0	ug/l	8260B	04/28/08	1	100
Carbon tetrachloride	U	0.31	1.0	ug/l	8260B	04/28/08	1	1
Chlorobenzene	0.84	0.26	1.0	ug/l	8260B	04/28/08	1	3
Chlorodibromomethane	U	0.42	1.0	ug/l	8260B	04/28/08	1	1
Chloroethane	1.5	0.86	5.0	ug/l	8260B	04/28/08	1	10
Chloroform	U	0.33	5.0	ug/l	8260B	04/28/08	1	5
Chloromethane	U	0.25	2.5	ug/l	8260B	04/28/08	1	1
Dibromomethane	U	0.28	1.0	ug/l	8260B	04/28/08	1	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l	8260B	04/28/08	1	5
1,4-Dichlorobenzene	1.8	0.30	1.0	ug/l	8260B	04/28/08	1	1
trans-1,4-Dichloro-2-butene	U	0.85	2.5	ug/l	8260B	04/28/08	1	100
1,1-Dichloroethane	9.6	0.31	1.0	ug/l	8260B	04/28/08	1	5
1,2-Dichloroethane	U	0.27	1.0	ug/l	8260B	04/28/08	1	1
1,1-Dichloroethene	U	0.50	1.0	ug/l	8260B	04/28/08	1	5
cis-1,2-Dichloroethene	3.5	0.38	1.0	ug/l	8260B	04/28/08	1	5

U = ND (Not Detected)
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REPORT OF ANALYSIS

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S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-08

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-16R

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/23/08 07:55

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
trans-1,2-Dichloroethene	U	0.30	1.0	ug/l	8260B	04/28/08	1	5
1,2-Dichloropropane	U	0.52	1.0	ug/l	8260B	04/28/08	1	1
cis-1,3-Dichloropropene	U	0.26	1.0	ug/l	8260B	04/28/08	1	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l	8260B	04/28/08	1	1
Ethylbenzene	U	0.22	1.0	ug/l	8260B	04/28/08	1	1
2-Hexanone	U	1.6	10.	ug/l	8260B	04/28/08	1	50
Iodomethane	U	2.6	10.	ug/l	8260B	04/28/08	1	10
2-Butanone (MEK)	U	4.5	10.	ug/l	8260B	04/28/08	1	10
Methylene Chloride	8.9	0.30	5.0	ug/l	8260B	04/28/08	1	1
4-Methyl-2-pentanone (MIBK)	U	1.4	10.	ug/l	8260B	04/28/08	1	100
Styrene	U	0.38	1.0	ug/l	8260B	04/28/08	1	1
1,1,1,2-Tetrachloroethane	U	0.40	1.0	ug/l	8260B	04/28/08	1	5
1,1,2,2-Tetrachloroethane	U	0.22	1.0	ug/l	8260B	04/28/08	1	1
Tetrachloroethene	U	0.29	1.0	ug/l	8260B	04/28/08	1	1
Toluene	U	0.27	5.0	ug/l	8260B	04/28/08	1	1
1,1,1-Trichloroethane	U	0.27	1.0	ug/l	8260B	04/28/08	1	1
1,1,2-Trichloroethane	U	0.45	1.0	ug/l	8260B	04/28/08	1	5
Trichloroethene	0.46	0.37	1.0	ug/l	8260B	04/28/08	1	1
Trichlorofluoromethane	U	0.29	5.0	ug/l	8260B	04/28/08	1	1
1,2,3-Trichloropropane	U	0.36	1.0	ug/l	8260B	04/28/08	1	1
Vinyl acetate	U	1.0	10.	ug/l	8260B	04/28/08	1	50
Vinyl chloride	3.7	0.27	1.0	ug/l	8260B	04/28/08	1	1
Xylenes, Total	11.	0.86	3.0	ug/l	8260B	04/28/08	1	4
Surrogate Recovery								
Toluene-d8	98.3			% Rec.	8260B	04/28/08	1	
Dibromofluoromethane	110.			% Rec.	8260B	04/28/08	1	
4-Bromofluorobenzene	103.			% Rec.	8260B	04/28/08	1	

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-09

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-17

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/22/08 08:15

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
Antimony	U	0.22	1.0	ug/l	6020	04/25/08	1	6
Arsenic	0.15	0.15	1.0	ug/l	6020	04/25/08	1	10
Beryllium	U	0.24	1.0	ug/l	6020	04/25/08	1	1
Cadmium	U	0.24	0.50	ug/l	6020	04/25/08	1	1
Copper	1.3	0.45	1.0	ug/l	6020	04/25/08	1	10
Selenium	U	0.43	1.0	ug/l	6020	04/25/08	1	10
Thallium	U	0.090	1.0	ug/l	6020	04/25/08	1	5.5
Zinc	8.1	3.0	10.	ug/l	6020	04/25/08	1	10
Mercury	U	0.044	0.20	ug/l	7470A	04/25/08	1	.2
Barium	61.	1.0	5.0	ug/l	6010B	04/25/08	1	100
Chromium	2.6	2.3	10.	ug/l	6010B	04/25/08	1	10
Cobalt	2.7	1.1	10.	ug/l	6010B	04/25/08	1	10
Lead	U	2.4	5.0	ug/l	6010B	04/25/08	1	5
Nickel	U	9.8	20.	ug/l	6010B	04/25/08	1	50
Silver	U	2.5	10.	ug/l	6010B	04/25/08	1	10
Vanadium	U	2.9	10.	ug/l	6010B	04/25/08	1	25
Volatile Organics								
Acetone	38.	8.9	50.	ug/l	8260B	04/28/08	1	100
Acrylonitrile	U	1.7	10.	ug/l	8260B	04/28/08	1	200
Benzene	U	0.29	1.0	ug/l	8260B	04/28/08	1	1
Bromochloromethane	U	0.44	1.0	ug/l	8260B	04/28/08	1	3
Bromodichloromethane	U	0.37	1.0	ug/l	8260B	04/28/08	1	1
Bromoform	U	0.51	1.0	ug/l	8260B	04/28/08	1	3
Bromomethane	U	0.89	5.0	ug/l	8260B	04/28/08	1	10
Carbon disulfide	U	0.32	1.0	ug/l	8260B	04/28/08	1	100
Carbon tetrachloride	U	0.31	1.0	ug/l	8260B	04/28/08	1	1
Chlorobenzene	U	0.26	1.0	ug/l	8260B	04/28/08	1	3
Chlorodibromomethane	U	0.42	1.0	ug/l	8260B	04/28/08	1	1
Chloroethane	U	0.86	5.0	ug/l	8260B	04/28/08	1	10
Chloroform	U	0.33	5.0	ug/l	8260B	04/28/08	1	5
Chloromethane	U	0.25	2.5	ug/l	8260B	04/28/08	1	1
Dibromomethane	U	0.28	1.0	ug/l	8260B	04/28/08	1	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l	8260B	04/28/08	1	5
1,4-Dichlorobenzene	U	0.30	1.0	ug/l	8260B	04/28/08	1	1
trans-1,4-Dichloro-2-butene	U	0.85	2.5	ug/l	8260B	04/28/08	1	100
1,1-Dichloroethane	U	0.31	1.0	ug/l	8260B	04/28/08	1	5
1,2-Dichloroethane	U	0.27	1.0	ug/l	8260B	04/28/08	1	1
1,1-Dichloroethene	U	0.50	1.0	ug/l	8260B	04/28/08	1	5
cis-1,2-Dichloroethene	U	0.38	1.0	ug/l	8260B	04/28/08	1	5

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
RDL = Reported Detection Limit = LOQ = PQL = EQL = MQL(TRRP)
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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-09

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-17

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/22/08 08:15

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
trans-1,2-Dichloroethene	U	0.30	1.0	ug/l	8260B	04/28/08	1	5
1,2-Dichloropropane	U	0.52	1.0	ug/l	8260B	04/28/08	1	1
cis-1,3-Dichloropropene	U	0.26	1.0	ug/l	8260B	04/28/08	1	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l	8260B	04/28/08	1	1
Ethylbenzene	U	0.22	1.0	ug/l	8260B	04/28/08	1	1
2-Hexanone	U	1.6	10.	ug/l	8260B	04/28/08	1	50
Iodomethane	U	2.6	10.	ug/l	8260B	04/28/08	1	10
2-Butanone (MEK)	U	4.5	10.	ug/l	8260B	04/28/08	1	10
Methylene Chloride	U	0.30	5.0	ug/l	8260B	04/28/08	1	1
4-Methyl-2-pentanone (MIBK)	U	1.4	10.	ug/l	8260B	04/28/08	1	100
Styrene	U	0.38	1.0	ug/l	8260B	04/28/08	1	1
1,1,1,2-Tetrachloroethane	U	0.40	1.0	ug/l	8260B	04/28/08	1	5
1,1,2,2-Tetrachloroethane	U	0.22	1.0	ug/l	8260B	04/28/08	1	1
Tetrachloroethene	0.85	0.29	1.0	ug/l	8260B	04/28/08	1	1
Toluene	U	0.27	5.0	ug/l	8260B	04/28/08	1	1
1,1,1-Trichloroethane	U	0.27	1.0	ug/l	8260B	04/28/08	1	1
1,1,2-Trichloroethane	U	0.45	1.0	ug/l	8260B	04/28/08	1	5
Trichloroethene	U	0.37	1.0	ug/l	8260B	04/28/08	1	1
Trichlorofluoromethane	U	0.29	5.0	ug/l	8260B	04/28/08	1	1
1,2,3-Trichloropropane	U	0.36	1.0	ug/l	8260B	04/28/08	1	1
Vinyl acetate	U	1.0	10.	ug/l	8260B	04/28/08	1	50
Vinyl chloride	U	0.27	1.0	ug/l	8260B	04/28/08	1	1
Xylenes, Total	U	0.86	3.0	ug/l	8260B	04/28/08	1	4
Surrogate Recovery								
Toluene-d8	103.			% Rec.	8260B	04/28/08	1	
Dibromofluoromethane	119.			% Rec.	8260B	04/28/08	1	
4-Bromofluorobenzene	91.0			% Rec.	8260B	04/28/08	1	

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
RDL = Reported Detection Limit = LOQ = PQL = EQL = MQL(TRRP)
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-10

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-18

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/23/08 08:40

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
Antimony	0.26	0.22	1.0	ug/l	6020	04/25/08	1	6
Arsenic	1.1	0.15	1.0	ug/l	6020	04/25/08	1	10
Beryllium	U	0.24	1.0	ug/l	6020	04/25/08	1	1
Cadmium	U	0.24	0.50	ug/l	6020	04/25/08	1	1
Copper	3.0	0.45	1.0	ug/l	6020	04/25/08	1	10
Selenium	U	0.43	1.0	ug/l	6020	04/25/08	1	10
Thallium	0.12	0.090	1.0	ug/l	6020	04/25/08	1	5.5
Zinc	6.7	3.0	10.	ug/l	6020	04/25/08	1	10
Mercury	U	0.044	0.20	ug/l	7470A	04/25/08	1	.2
Barium	47.	1.0	5.0	ug/l	6010B	04/25/08	1	100
Chromium	U	2.3	10.	ug/l	6010B	04/25/08	1	10
Cobalt	1.7	1.1	10.	ug/l	6010B	04/25/08	1	10
Lead	U	2.4	5.0	ug/l	6010B	04/25/08	1	5
Nickel	U	9.8	20.	ug/l	6010B	04/25/08	1	50
Silver	U	2.5	10.	ug/l	6010B	04/25/08	1	10
Vanadium	3.3	2.9	10.	ug/l	6010B	04/25/08	1	25
Volatile Organics								
Acetone	U	8.9	50.	ug/l	8260B	04/28/08	1	100
Acrylonitrile	U	1.7	10.	ug/l	8260B	04/28/08	1	200
Benzene	U	0.29	1.0	ug/l	8260B	04/28/08	1	1
Bromochloromethane	U	0.44	1.0	ug/l	8260B	04/28/08	1	3
Bromodichloromethane	U	0.37	1.0	ug/l	8260B	04/28/08	1	1
Bromoform	U	0.51	1.0	ug/l	8260B	04/28/08	1	3
Bromomethane	U	0.89	5.0	ug/l	8260B	04/28/08	1	10
Carbon disulfide	U	0.32	1.0	ug/l	8260B	04/28/08	1	100
Carbon tetrachloride	U	0.31	1.0	ug/l	8260B	04/28/08	1	1
Chlorobenzene	U	0.26	1.0	ug/l	8260B	04/28/08	1	3
Chlorodibromomethane	U	0.42	1.0	ug/l	8260B	04/28/08	1	1
Chloroethane	U	0.86	5.0	ug/l	8260B	04/28/08	1	10
Chloroform	U	0.33	5.0	ug/l	8260B	04/28/08	1	5
Chloromethane	U	0.25	2.5	ug/l	8260B	04/28/08	1	1
Dibromomethane	U	0.28	1.0	ug/l	8260B	04/28/08	1	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l	8260B	04/28/08	1	5
1,4-Dichlorobenzene	U	0.30	1.0	ug/l	8260B	04/28/08	1	1
trans-1,4-Dichloro-2-butene	U	0.85	2.5	ug/l	8260B	04/28/08	1	100
1,1-Dichloroethane	U	0.31	1.0	ug/l	8260B	04/28/08	1	5
1,2-Dichloroethane	U	0.27	1.0	ug/l	8260B	04/28/08	1	1
1,1-Dichloroethene	U	0.50	1.0	ug/l	8260B	04/28/08	1	5
cis-1,2-Dichloroethene	U	0.38	1.0	ug/l	8260B	04/28/08	1	5

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-10

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-18

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/23/08 08:40

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
trans-1,2-Dichloroethene	U	0.30	1.0	ug/l	8260B	04/28/08	1	5
1,2-Dichloropropane	U	0.52	1.0	ug/l	8260B	04/28/08	1	1
cis-1,3-Dichloropropene	U	0.26	1.0	ug/l	8260B	04/28/08	1	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l	8260B	04/28/08	1	1
Ethylbenzene	U	0.22	1.0	ug/l	8260B	04/28/08	1	1
2-Hexanone	U	1.6	10.	ug/l	8260B	04/28/08	1	50
Iodomethane	U	2.6	10.	ug/l	8260B	04/28/08	1	10
2-Butanone (MEK)	U	4.5	10.	ug/l	8260B	04/28/08	1	10
Methylene Chloride	U	0.30	5.0	ug/l	8260B	04/28/08	1	1
4-Methyl-2-pentanone (MIBK)	U	1.4	10.	ug/l	8260B	04/28/08	1	100
Styrene	U	0.38	1.0	ug/l	8260B	04/28/08	1	1
1,1,1,2-Tetrachloroethane	U	0.40	1.0	ug/l	8260B	04/28/08	1	5
1,1,2,2-Tetrachloroethane	U	0.22	1.0	ug/l	8260B	04/28/08	1	1
Tetrachloroethene	U	0.29	1.0	ug/l	8260B	04/28/08	1	1
Toluene	U	0.27	5.0	ug/l	8260B	04/28/08	1	1
1,1,1-Trichloroethane	U	0.27	1.0	ug/l	8260B	04/28/08	1	1
1,1,2-Trichloroethane	U	0.45	1.0	ug/l	8260B	04/28/08	1	5
Trichloroethene	U	0.37	1.0	ug/l	8260B	04/28/08	1	1
Trichlorofluoromethane	U	0.29	5.0	ug/l	8260B	04/28/08	1	1
1,2,3-Trichloropropane	U	0.36	1.0	ug/l	8260B	04/28/08	1	1
Vinyl acetate	U	1.0	10.	ug/l	8260B	04/28/08	1	50
Vinyl chloride	U	0.27	1.0	ug/l	8260B	04/28/08	1	1
Xylenes, Total	U	0.86	3.0	ug/l	8260B	04/28/08	1	4
Surrogate Recovery								
Toluene-d8	99.2			% Rec.	8260B	04/28/08	1	
Dibromofluoromethane	122.			% Rec.	8260B	04/28/08	1	
4-Bromofluorobenzene	84.8			% Rec.	8260B	04/28/08	1	

U = ND (Not Detected)
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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-11

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-19

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/23/08 08:42

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
Antimony	0.95	0.22	1.0	ug/l	6020	04/26/08	1	6
Arsenic	0.33	0.15	1.0	ug/l	6020	04/26/08	1	10
Beryllium	U	0.24	1.0	ug/l	6020	04/26/08	1	1
Cadmium	U	0.24	0.50	ug/l	6020	04/26/08	1	1
Copper	1.5	0.45	1.0	ug/l	6020	04/26/08	1	10
Selenium	0.78	0.43	1.0	ug/l	6020	04/26/08	1	10
Thallium	U	0.090	1.0	ug/l	6020	04/26/08	1	5.5
Zinc	3.6	3.0	10.	ug/l	6020	04/26/08	1	10
Mercury	0.17	0.044	0.20	ug/l	7470A	04/25/08	1	.2
Barium	22.	1.0	5.0	ug/l	6010B	04/25/08	1	100
Chromium	U	2.3	10.	ug/l	6010B	04/25/08	1	10
Cobalt	U	1.1	10.	ug/l	6010B	04/25/08	1	10
Lead	U	2.4	5.0	ug/l	6010B	04/25/08	1	5
Nickel	U	9.8	20.	ug/l	6010B	04/25/08	1	50
Silver	U	2.5	10.	ug/l	6010B	04/25/08	1	10
Vanadium	U	2.9	10.	ug/l	6010B	04/25/08	1	25
Volatile Organics								
Acetone	88.	8.9	50.	ug/l	8260B	04/29/08	1	100
Acrylonitrile	U	1.7	10.	ug/l	8260B	04/29/08	1	200
Benzene	0.49	0.29	1.0	ug/l	8260B	04/29/08	1	1
Bromochloromethane	U	0.44	1.0	ug/l	8260B	04/29/08	1	3
Bromodichloromethane	U	0.37	1.0	ug/l	8260B	04/29/08	1	1
Bromoform	U	0.51	1.0	ug/l	8260B	04/29/08	1	3
Bromomethane	U	0.89	5.0	ug/l	8260B	04/29/08	1	10
Carbon disulfide	U	0.32	1.0	ug/l	8260B	04/29/08	1	100
Carbon tetrachloride	U	0.31	1.0	ug/l	8260B	04/29/08	1	1
Chlorobenzene	U	0.26	1.0	ug/l	8260B	04/29/08	1	3
Chlorodibromomethane	U	0.42	1.0	ug/l	8260B	04/29/08	1	1
Chloroethane	U	0.86	5.0	ug/l	8260B	04/29/08	1	10
Chloroform	U	0.33	5.0	ug/l	8260B	04/29/08	1	5
Chloromethane	U	0.25	2.5	ug/l	8260B	04/29/08	1	1
Dibromomethane	U	0.28	1.0	ug/l	8260B	04/29/08	1	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l	8260B	04/29/08	1	5
1,4-Dichlorobenzene	U	0.30	1.0	ug/l	8260B	04/29/08	1	1
trans-1,4-Dichloro-2-butene	U	0.85	2.5	ug/l	8260B	04/29/08	1	100
1,1-Dichloroethane	7.3	0.31	1.0	ug/l	8260B	04/29/08	1	5
1,2-Dichloroethane	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
1,1-Dichloroethene	U	0.50	1.0	ug/l	8260B	04/29/08	1	5
cis-1,2-Dichloroethene	U	0.38	1.0	ug/l	8260B	04/29/08	1	5

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-11

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-19

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/23/08 08:42

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
trans-1,2-Dichloroethene	U	0.30	1.0	ug/l	8260B	04/29/08	1	5
1,2-Dichloropropane	U	0.52	1.0	ug/l	8260B	04/29/08	1	1
cis-1,3-Dichloropropene	U	0.26	1.0	ug/l	8260B	04/29/08	1	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l	8260B	04/29/08	1	1
Ethylbenzene	U	0.22	1.0	ug/l	8260B	04/29/08	1	1
2-Hexanone	U	1.6	10.	ug/l	8260B	04/29/08	1	50
Iodomethane	U	2.6	10.	ug/l	8260B	04/29/08	1	10
2-Butanone (MEK)	U	4.5	10.	ug/l	8260B	04/29/08	1	10
Methylene Chloride	3.5	0.30	5.0	ug/l	8260B	04/29/08	1	1
4-Methyl-2-pentanone (MIBK)	U	1.4	10.	ug/l	8260B	04/29/08	1	100
Styrene	U	0.38	1.0	ug/l	8260B	04/29/08	1	1
1,1,1,2-Tetrachloroethane	U	0.40	1.0	ug/l	8260B	04/29/08	1	5
1,1,2,2-Tetrachloroethane	U	0.22	1.0	ug/l	8260B	04/29/08	1	1
Tetrachloroethene	1.3	0.29	1.0	ug/l	8260B	04/29/08	1	1
Toluene	U	0.27	5.0	ug/l	8260B	04/29/08	1	1
1,1,1-Trichloroethane	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
1,1,2-Trichloroethane	U	0.45	1.0	ug/l	8260B	04/29/08	1	5
Trichloroethene	0.76	0.37	1.0	ug/l	8260B	04/29/08	1	1
Trichlorofluoromethane	0.56	0.29	5.0	ug/l	8260B	04/29/08	1	1
1,2,3-Trichloropropane	U	0.36	1.0	ug/l	8260B	04/29/08	1	1
Vinyl acetate	U	1.0	10.	ug/l	8260B	04/29/08	1	50
Vinyl chloride	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
Xylenes, Total	U	0.86	3.0	ug/l	8260B	04/29/08	1	4
Surrogate Recovery								
Toluene-d8	101.			% Rec.	8260B	04/29/08	1	
Dibromofluoromethane	107.			% Rec.	8260B	04/29/08	1	
4-Bromofluorobenzene	101.			% Rec.	8260B	04/29/08	1	

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-12

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-20

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/23/08 08:35

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
Antimony	U	0.22	1.0	ug/l	6020	04/25/08	1	6
Arsenic	2.2	0.15	1.0	ug/l	6020	04/25/08	1	10
Beryllium	U	0.24	1.0	ug/l	6020	04/25/08	1	1
Cadmium	U	0.24	0.50	ug/l	6020	04/25/08	1	1
Copper	0.72	0.45	1.0	ug/l	6020	04/25/08	1	10
Selenium	U	0.43	1.0	ug/l	6020	04/25/08	1	10
Thallium	U	0.090	1.0	ug/l	6020	04/25/08	1	5.5
Zinc	6.9	3.0	10.	ug/l	6020	04/25/08	1	10
Mercury	U	0.044	0.20	ug/l	7470A	04/25/08	1	.2
Barium	45.	1.0	5.0	ug/l	6010B	04/25/08	1	100
Chromium	U	2.3	10.	ug/l	6010B	04/25/08	1	10
Cobalt	U	1.1	10.	ug/l	6010B	04/25/08	1	10
Lead	U	2.4	5.0	ug/l	6010B	04/25/08	1	5
Nickel	U	9.8	20.	ug/l	6010B	04/25/08	1	50
Silver	U	2.5	10.	ug/l	6010B	04/25/08	1	10
Vanadium	U	2.9	10.	ug/l	6010B	04/25/08	1	25
Volatile Organics								
Acetone	U	8.9	50.	ug/l	8260B	04/29/08	1	100
Acrylonitrile	U	1.7	10.	ug/l	8260B	04/29/08	1	200
Benzene	0.77	0.29	1.0	ug/l	8260B	04/29/08	1	1
Bromochloromethane	U	0.44	1.0	ug/l	8260B	04/29/08	1	3
Bromodichloromethane	U	0.37	1.0	ug/l	8260B	04/29/08	1	1
Bromoform	U	0.51	1.0	ug/l	8260B	04/29/08	1	3
Bromomethane	U	0.89	5.0	ug/l	8260B	04/29/08	1	10
Carbon disulfide	U	0.32	1.0	ug/l	8260B	04/29/08	1	100
Carbon tetrachloride	U	0.31	1.0	ug/l	8260B	04/29/08	1	1
Chlorobenzene	U	0.26	1.0	ug/l	8260B	04/29/08	1	3
Chlorodibromomethane	U	0.42	1.0	ug/l	8260B	04/29/08	1	1
Chloroethane	U	0.86	5.0	ug/l	8260B	04/29/08	1	10
Chloroform	U	0.33	5.0	ug/l	8260B	04/29/08	1	5
Chloromethane	U	0.25	2.5	ug/l	8260B	04/29/08	1	1
Dibromomethane	U	0.28	1.0	ug/l	8260B	04/29/08	1	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l	8260B	04/29/08	1	5
1,4-Dichlorobenzene	U	0.30	1.0	ug/l	8260B	04/29/08	1	1
trans-1,4-Dichloro-2-butene	U	0.85	2.5	ug/l	8260B	04/29/08	1	100
1,1-Dichloroethane	11.	0.31	1.0	ug/l	8260B	04/29/08	1	5
1,2-Dichloroethane	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
1,1-Dichloroethene	U	0.50	1.0	ug/l	8260B	04/29/08	1	5
cis-1,2-Dichloroethene	0.86	0.38	1.0	ug/l	8260B	04/29/08	1	5

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
RDL = Reported Detection Limit = LOQ = PQL = EQL = MQL(TRRP)
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Tax I.D. 62-0814289

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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-12

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-20

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/23/08 08:35

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
trans-1,2-Dichloroethene	U	0.30	1.0	ug/l	8260B	04/29/08	1	5
1,2-Dichloropropane	U	0.52	1.0	ug/l	8260B	04/29/08	1	1
cis-1,3-Dichloropropene	U	0.26	1.0	ug/l	8260B	04/29/08	1	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l	8260B	04/29/08	1	1
Ethylbenzene	U	0.22	1.0	ug/l	8260B	04/29/08	1	1
2-Hexanone	U	1.6	10.	ug/l	8260B	04/29/08	1	50
Iodomethane	U	2.6	10.	ug/l	8260B	04/29/08	1	10
2-Butanone (MEK)	U	4.5	10.	ug/l	8260B	04/29/08	1	10
Methylene Chloride	4.7	0.30	5.0	ug/l	8260B	04/29/08	1	1
4-Methyl-2-pentanone (MIBK)	U	1.4	10.	ug/l	8260B	04/29/08	1	100
Styrene	U	0.38	1.0	ug/l	8260B	04/29/08	1	1
1,1,1,2-Tetrachloroethane	U	0.40	1.0	ug/l	8260B	04/29/08	1	5
1,1,2,2-Tetrachloroethane	U	0.22	1.0	ug/l	8260B	04/29/08	1	1
Tetrachloroethene	0.58	0.29	1.0	ug/l	8260B	04/29/08	1	1
Toluene	U	0.27	5.0	ug/l	8260B	04/29/08	1	1
1,1,1-Trichloroethane	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
1,1,2-Trichloroethane	U	0.45	1.0	ug/l	8260B	04/29/08	1	5
Trichloroethene	1.2	0.37	1.0	ug/l	8260B	04/29/08	1	1
Trichlorofluoromethane	U	0.29	5.0	ug/l	8260B	04/29/08	1	1
1,2,3-Trichloropropane	U	0.36	1.0	ug/l	8260B	04/29/08	1	1
Vinyl acetate	U	1.0	10.	ug/l	8260B	04/29/08	1	50
Vinyl chloride	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
Xylenes, Total	U	0.86	3.0	ug/l	8260B	04/29/08	1	4
Surrogate Recovery								
Toluene-d8	104.			% Rec.	8260B	04/29/08	1	
Dibromofluoromethane	104.			% Rec.	8260B	04/29/08	1	
4-Bromofluorobenzene	98.8			% Rec.	8260B	04/29/08	1	

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
RDL = Reported Detection Limit = LOQ = PQL = EQL = MQL(TRRP)
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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-13

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-21

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/23/08 08:55

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
Antimony	U	0.22	1.0	ug/l	6020	04/25/08	1	6
Arsenic	0.42	0.15	1.0	ug/l	6020	04/25/08	1	10
Beryllium	0.25	0.24	1.0	ug/l	6020	04/25/08	1	1
Cadmium	U	0.24	0.50	ug/l	6020	04/25/08	1	1
Copper	1.9	0.45	1.0	ug/l	6020	04/25/08	1	10
Selenium	U	0.43	1.0	ug/l	6020	04/25/08	1	10
Thallium	U	0.090	1.0	ug/l	6020	04/25/08	1	5.5
Zinc	8.0	3.0	10.	ug/l	6020	04/25/08	1	10
Mercury	U	0.044	0.20	ug/l	7470A	04/25/08	1	.2
Barium	36.	1.0	5.0	ug/l	6010B	04/25/08	1	100
Chromium	U	2.3	10.	ug/l	6010B	04/25/08	1	10
Cobalt	1.2	1.1	10.	ug/l	6010B	04/25/08	1	10
Lead	U	2.4	5.0	ug/l	6010B	04/25/08	1	5
Nickel	U	9.8	20.	ug/l	6010B	04/25/08	1	50
Silver	U	2.5	10.	ug/l	6010B	04/25/08	1	10
Vanadium	3.3	2.9	10.	ug/l	6010B	04/25/08	1	25
Volatile Organics								
Acetone	23.	8.9	50.	ug/l	8260B	04/28/08	1	100
Acrylonitrile	U	1.7	10.	ug/l	8260B	04/28/08	1	200
Benzene	U	0.29	1.0	ug/l	8260B	04/28/08	1	1
Bromochloromethane	U	0.44	1.0	ug/l	8260B	04/28/08	1	3
Bromodichloromethane	U	0.37	1.0	ug/l	8260B	04/28/08	1	1
Bromoform	U	0.51	1.0	ug/l	8260B	04/28/08	1	3
Bromomethane	U	0.89	5.0	ug/l	8260B	04/28/08	1	10
Carbon disulfide	U	0.32	1.0	ug/l	8260B	04/28/08	1	100
Carbon tetrachloride	U	0.31	1.0	ug/l	8260B	04/28/08	1	1
Chlorobenzene	U	0.26	1.0	ug/l	8260B	04/28/08	1	3
Chlorodibromomethane	U	0.42	1.0	ug/l	8260B	04/28/08	1	1
Chloroethane	U	0.86	5.0	ug/l	8260B	04/28/08	1	10
Chloroform	U	0.33	5.0	ug/l	8260B	04/28/08	1	5
Chloromethane	U	0.25	2.5	ug/l	8260B	04/28/08	1	1
Dibromomethane	U	0.28	1.0	ug/l	8260B	04/28/08	1	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l	8260B	04/28/08	1	5
1,4-Dichlorobenzene	U	0.30	1.0	ug/l	8260B	04/28/08	1	1
trans-1,4-Dichloro-2-butene	U	0.85	2.5	ug/l	8260B	04/28/08	1	100
1,1-Dichloroethane	U	0.31	1.0	ug/l	8260B	04/28/08	1	5
1,2-Dichloroethane	U	0.27	1.0	ug/l	8260B	04/28/08	1	1
1,1-Dichloroethene	U	0.50	1.0	ug/l	8260B	04/28/08	1	5
cis-1,2-Dichloroethene	U	0.38	1.0	ug/l	8260B	04/28/08	1	5

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-13

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-21

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/23/08 08:55

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
trans-1,2-Dichloroethene	U	0.30	1.0	ug/l	8260B	04/28/08	1	5
1,2-Dichloropropane	U	0.52	1.0	ug/l	8260B	04/28/08	1	1
cis-1,3-Dichloropropene	U	0.26	1.0	ug/l	8260B	04/28/08	1	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l	8260B	04/28/08	1	1
Ethylbenzene	U	0.22	1.0	ug/l	8260B	04/28/08	1	1
2-Hexanone	U	1.6	10.	ug/l	8260B	04/28/08	1	50
Iodomethane	U	2.6	10.	ug/l	8260B	04/28/08	1	10
2-Butanone (MEK)	U	4.5	10.	ug/l	8260B	04/28/08	1	10
Methylene Chloride	U	0.30	5.0	ug/l	8260B	04/28/08	1	1
4-Methyl-2-pentanone (MIBK)	U	1.4	10.	ug/l	8260B	04/28/08	1	100
Styrene	U	0.38	1.0	ug/l	8260B	04/28/08	1	1
1,1,1,2-Tetrachloroethane	U	0.40	1.0	ug/l	8260B	04/28/08	1	5
1,1,2,2-Tetrachloroethane	U	0.22	1.0	ug/l	8260B	04/28/08	1	1
Tetrachloroethene	U	0.29	1.0	ug/l	8260B	04/28/08	1	1
Toluene	U	0.27	5.0	ug/l	8260B	04/28/08	1	1
1,1,1-Trichloroethane	U	0.27	1.0	ug/l	8260B	04/28/08	1	1
1,1,2-Trichloroethane	U	0.45	1.0	ug/l	8260B	04/28/08	1	5
Trichloroethene	U	0.37	1.0	ug/l	8260B	04/28/08	1	1
Trichlorofluoromethane	U	0.29	5.0	ug/l	8260B	04/28/08	1	1
1,2,3-Trichloropropane	U	0.36	1.0	ug/l	8260B	04/28/08	1	1
Vinyl acetate	U	1.0	10.	ug/l	8260B	04/28/08	1	50
Vinyl chloride	U	0.27	1.0	ug/l	8260B	04/28/08	1	1
Xylenes, Total	U	0.86	3.0	ug/l	8260B	04/28/08	1	4
Surrogate Recovery								
Toluene-d8	98.9			% Rec.	8260B	04/28/08	1	
Dibromofluoromethane	103.			% Rec.	8260B	04/28/08	1	
4-Bromofluorobenzene	99.4			% Rec.	8260B	04/28/08	1	

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-14

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-24

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/22/08 10:00

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
Antimony	U	0.22	1.0	ug/l	6020	04/25/08	1	6
Arsenic	0.27	0.15	1.0	ug/l	6020	04/25/08	1	10
Beryllium	U	0.24	1.0	ug/l	6020	04/28/08	1	1
Cadmium	U	0.24	0.50	ug/l	6020	04/25/08	1	1
Copper	0.86	0.45	1.0	ug/l	6020	04/25/08	1	10
Selenium	U	0.43	1.0	ug/l	6020	04/25/08	1	10
Thallium	U	0.090	1.0	ug/l	6020	04/25/08	1	5.5
Zinc	10.	3.0	10.	ug/l	6020	04/25/08	1	10
Mercury	U	0.044	0.20	ug/l	7470A	04/25/08	1	.2
Barium	46.	1.0	5.0	ug/l	6010B	04/25/08	1	100
Chromium	U	2.3	10.	ug/l	6010B	04/25/08	1	10
Cobalt	U	1.1	10.	ug/l	6010B	04/25/08	1	10
Lead	U	2.4	5.0	ug/l	6010B	04/25/08	1	5
Nickel	U	9.8	20.	ug/l	6010B	04/25/08	1	50
Silver	U	2.5	10.	ug/l	6010B	04/25/08	1	10
Vanadium	U	2.9	10.	ug/l	6010B	04/25/08	1	25
Volatile Organics								
Acetone	U	8.9	50.	ug/l	8260B	04/29/08	1	100
Acrylonitrile	U	1.7	10.	ug/l	8260B	04/29/08	1	200
Benzene	U	0.29	1.0	ug/l	8260B	04/29/08	1	1
Bromochloromethane	U	0.44	1.0	ug/l	8260B	04/29/08	1	3
Bromodichloromethane	U	0.37	1.0	ug/l	8260B	04/29/08	1	1
Bromoform	U	0.51	1.0	ug/l	8260B	04/29/08	1	3
Bromomethane	U	0.89	5.0	ug/l	8260B	04/29/08	1	10
Carbon disulfide	U	0.32	1.0	ug/l	8260B	04/29/08	1	100
Carbon tetrachloride	U	0.31	1.0	ug/l	8260B	04/29/08	1	1
Chlorobenzene	U	0.26	1.0	ug/l	8260B	04/29/08	1	3
Chlorodibromomethane	U	0.42	1.0	ug/l	8260B	04/29/08	1	1
Chloroethane	U	0.86	5.0	ug/l	8260B	04/29/08	1	10
Chloroform	U	0.33	5.0	ug/l	8260B	04/29/08	1	5
Chloromethane	U	0.25	2.5	ug/l	8260B	04/29/08	1	1
Dibromomethane	U	0.28	1.0	ug/l	8260B	04/29/08	1	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l	8260B	04/29/08	1	5
1,4-Dichlorobenzene	U	0.30	1.0	ug/l	8260B	04/29/08	1	1
trans-1,4-Dichloro-2-butene	U	0.85	2.5	ug/l	8260B	04/29/08	1	100
1,1-Dichloroethane	U	0.31	1.0	ug/l	8260B	04/29/08	1	5
1,2-Dichloroethane	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
1,1-Dichloroethene	U	0.50	1.0	ug/l	8260B	04/29/08	1	5
cis-1,2-Dichloroethene	U	0.38	1.0	ug/l	8260B	04/29/08	1	5

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
RDL = Reported Detection Limit = LOQ = PQL = EQL = MQL(TRRP)
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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-14

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-24

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/22/08 10:00

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
trans-1,2-Dichloroethene	U	0.30	1.0	ug/l	8260B	04/29/08	1	5
1,2-Dichloropropane	U	0.52	1.0	ug/l	8260B	04/29/08	1	1
cis-1,3-Dichloropropene	U	0.26	1.0	ug/l	8260B	04/29/08	1	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l	8260B	04/29/08	1	1
Ethylbenzene	U	0.22	1.0	ug/l	8260B	04/29/08	1	1
2-Hexanone	U	1.6	10.	ug/l	8260B	04/29/08	1	50
Iodomethane	U	2.6	10.	ug/l	8260B	04/29/08	1	10
2-Butanone (MEK)	U	4.5	10.	ug/l	8260B	04/29/08	1	10
Methylene Chloride	U	0.30	5.0	ug/l	8260B	04/29/08	1	1
4-Methyl-2-pentanone (MIBK)	U	1.4	10.	ug/l	8260B	04/29/08	1	100
Styrene	U	0.38	1.0	ug/l	8260B	04/29/08	1	1
1,1,1,2-Tetrachloroethane	U	0.40	1.0	ug/l	8260B	04/29/08	1	5
1,1,2,2-Tetrachloroethane	U	0.22	1.0	ug/l	8260B	04/29/08	1	1
Tetrachloroethene	U	0.29	1.0	ug/l	8260B	04/29/08	1	1
Toluene	U	0.27	5.0	ug/l	8260B	04/29/08	1	1
1,1,1-Trichloroethane	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
1,1,2-Trichloroethane	U	0.45	1.0	ug/l	8260B	04/29/08	1	5
Trichloroethene	U	0.37	1.0	ug/l	8260B	04/29/08	1	1
Trichlorofluoromethane	U	0.29	5.0	ug/l	8260B	04/29/08	1	1
1,2,3-Trichloropropane	U	0.36	1.0	ug/l	8260B	04/29/08	1	1
Vinyl acetate	U	1.0	10.	ug/l	8260B	04/29/08	1	50
Vinyl chloride	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
Xylenes, Total	U	0.86	3.0	ug/l	8260B	04/29/08	1	4
Surrogate Recovery								
Toluene-d8	105.			% Rec.	8260B	04/29/08	1	
Dibromofluoromethane	106.			% Rec.	8260B	04/29/08	1	
4-Bromofluorobenzene	97.9			% Rec.	8260B	04/29/08	1	

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-15

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-25

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/22/08 09:15

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
Antimony	U	0.22	1.0	ug/l	6020	04/25/08	1	6
Arsenic	0.33	0.15	1.0	ug/l	6020	04/25/08	1	10
Beryllium	0.28	0.24	1.0	ug/l	6020	04/25/08	1	1
Cadmium	U	0.24	0.50	ug/l	6020	04/25/08	1	1
Copper	0.62	0.45	1.0	ug/l	6020	04/25/08	1	10
Selenium	U	0.43	1.0	ug/l	6020	04/25/08	1	10
Thallium	U	0.090	1.0	ug/l	6020	04/25/08	1	5.5
Zinc	13.	3.0	10.	ug/l	6020	04/25/08	1	10
Mercury	U	0.044	0.20	ug/l	7470A	04/25/08	1	.2
Barium	94.	1.0	5.0	ug/l	6010B	04/25/08	1	100
Chromium	3.1	2.3	10.	ug/l	6010B	04/25/08	1	10
Cobalt	U	1.1	10.	ug/l	6010B	04/25/08	1	10
Lead	U	2.4	5.0	ug/l	6010B	04/25/08	1	5
Nickel	U	9.8	20.	ug/l	6010B	04/25/08	1	50
Silver	U	2.5	10.	ug/l	6010B	04/25/08	1	10
Vanadium	U	2.9	10.	ug/l	6010B	04/25/08	1	25
Volatile Organics								
Acetone	U	8.9	50.	ug/l	8260B	04/29/08	1	100
Acrylonitrile	U	1.7	10.	ug/l	8260B	04/29/08	1	200
Benzene	U	0.29	1.0	ug/l	8260B	04/29/08	1	1
Bromochloromethane	U	0.44	1.0	ug/l	8260B	04/29/08	1	3
Bromodichloromethane	U	0.37	1.0	ug/l	8260B	04/29/08	1	1
Bromoform	U	0.51	1.0	ug/l	8260B	04/29/08	1	3
Bromomethane	U	0.89	5.0	ug/l	8260B	04/29/08	1	10
Carbon disulfide	U	0.32	1.0	ug/l	8260B	04/29/08	1	100
Carbon tetrachloride	U	0.31	1.0	ug/l	8260B	04/29/08	1	1
Chlorobenzene	U	0.26	1.0	ug/l	8260B	04/29/08	1	3
Chlorodibromomethane	U	0.42	1.0	ug/l	8260B	04/29/08	1	1
Chloroethane	U	0.86	5.0	ug/l	8260B	04/29/08	1	10
Chloroform	U	0.33	5.0	ug/l	8260B	04/29/08	1	5
Chloromethane	U	0.25	2.5	ug/l	8260B	04/29/08	1	1
Dibromomethane	U	0.28	1.0	ug/l	8260B	04/29/08	1	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l	8260B	04/29/08	1	5
1,4-Dichlorobenzene	U	0.30	1.0	ug/l	8260B	04/29/08	1	1
trans-1,4-Dichloro-2-butene	U	0.85	2.5	ug/l	8260B	04/29/08	1	100
1,1-Dichloroethane	U	0.31	1.0	ug/l	8260B	04/29/08	1	5
1,2-Dichloroethane	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
1,1-Dichloroethene	U	0.50	1.0	ug/l	8260B	04/29/08	1	5
cis-1,2-Dichloroethene	U	0.38	1.0	ug/l	8260B	04/29/08	1	5

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
RDL = Reported Detection Limit = LOQ = PQL = EQL = MQL(TRRP)
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-15

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-25

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/22/08 09:15

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
trans-1,2-Dichloroethene	U	0.30	1.0	ug/l	8260B	04/29/08	1	5
1,2-Dichloropropane	U	0.52	1.0	ug/l	8260B	04/29/08	1	1
cis-1,3-Dichloropropene	U	0.26	1.0	ug/l	8260B	04/29/08	1	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l	8260B	04/29/08	1	1
Ethylbenzene	U	0.22	1.0	ug/l	8260B	04/29/08	1	1
2-Hexanone	U	1.6	10.	ug/l	8260B	04/29/08	1	50
Iodomethane	U	2.6	10.	ug/l	8260B	04/29/08	1	10
2-Butanone (MEK)	U	4.5	10.	ug/l	8260B	04/29/08	1	10
Methylene Chloride	U	0.30	5.0	ug/l	8260B	04/29/08	1	1
4-Methyl-2-pentanone (MIBK)	U	1.4	10.	ug/l	8260B	04/29/08	1	100
Styrene	U	0.38	1.0	ug/l	8260B	04/29/08	1	1
1,1,1,2-Tetrachloroethane	U	0.40	1.0	ug/l	8260B	04/29/08	1	5
1,1,2,2-Tetrachloroethane	U	0.22	1.0	ug/l	8260B	04/29/08	1	1
Tetrachloroethene	U	0.29	1.0	ug/l	8260B	04/29/08	1	1
Toluene	U	0.27	5.0	ug/l	8260B	04/29/08	1	1
1,1,1-Trichloroethane	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
1,1,2-Trichloroethane	U	0.45	1.0	ug/l	8260B	04/29/08	1	5
Trichloroethene	U	0.37	1.0	ug/l	8260B	04/29/08	1	1
Trichlorofluoromethane	U	0.29	5.0	ug/l	8260B	04/29/08	1	1
1,2,3-Trichloropropane	U	0.36	1.0	ug/l	8260B	04/29/08	1	1
Vinyl acetate	U	1.0	10.	ug/l	8260B	04/29/08	1	50
Vinyl chloride	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
Xylenes, Total	U	0.86	3.0	ug/l	8260B	04/29/08	1	4
Surrogate Recovery								
Toluene-d8	105.			% Rec.	8260B	04/29/08	1	
Dibromofluoromethane	101.			% Rec.	8260B	04/29/08	1	
4-Bromofluorobenzene	98.0			% Rec.	8260B	04/29/08	1	

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-16

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-25A

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/22/08 09:15

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
Antimony	2.0	0.22	1.0	ug/l	6020	04/25/08	1	6
Arsenic	0.22	0.15	1.0	ug/l	6020	04/25/08	1	10
Beryllium	U	0.24	1.0	ug/l	6020	04/25/08	1	1
Cadmium	U	0.24	0.50	ug/l	6020	04/25/08	1	1
Copper	1.9	0.45	1.0	ug/l	6020	04/25/08	1	10
Selenium	U	0.43	1.0	ug/l	6020	04/25/08	1	10
Thallium	U	0.090	1.0	ug/l	6020	04/25/08	1	5.5
Zinc	11.	3.0	10.	ug/l	6020	04/25/08	1	10
Mercury	U	0.044	0.20	ug/l	7470A	04/25/08	1	.2
Barium	34.	1.0	5.0	ug/l	6010B	04/25/08	1	100
Chromium	3.4	2.3	10.	ug/l	6010B	04/25/08	1	10
Cobalt	1.5	1.1	10.	ug/l	6010B	04/25/08	1	10
Lead	U	2.4	5.0	ug/l	6010B	04/25/08	1	5
Nickel	U	9.8	20.	ug/l	6010B	04/25/08	1	50
Silver	U	2.5	10.	ug/l	6010B	04/25/08	1	10
Vanadium	U	2.9	10.	ug/l	6010B	04/25/08	1	25
Volatile Organics								
Acetone	180	8.9	50.	ug/l	8260B	04/29/08	1	100
Acrylonitrile	U	1.7	10.	ug/l	8260B	04/29/08	1	200
Benzene	U	0.29	1.0	ug/l	8260B	04/29/08	1	1
Bromochloromethane	U	0.44	1.0	ug/l	8260B	04/29/08	1	3
Bromodichloromethane	U	0.37	1.0	ug/l	8260B	04/29/08	1	1
Bromoform	U	0.51	1.0	ug/l	8260B	04/29/08	1	3
Bromomethane	U	0.89	5.0	ug/l	8260B	04/29/08	1	10
Carbon disulfide	U	0.32	1.0	ug/l	8260B	04/29/08	1	100
Carbon tetrachloride	U	0.31	1.0	ug/l	8260B	04/29/08	1	1
Chlorobenzene	U	0.26	1.0	ug/l	8260B	04/29/08	1	3
Chlorodibromomethane	U	0.42	1.0	ug/l	8260B	04/29/08	1	1
Chloroethane	U	0.86	5.0	ug/l	8260B	04/29/08	1	10
Chloroform	U	0.33	5.0	ug/l	8260B	04/29/08	1	5
Chloromethane	U	0.25	2.5	ug/l	8260B	04/29/08	1	1
Dibromomethane	U	0.28	1.0	ug/l	8260B	04/29/08	1	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l	8260B	04/29/08	1	5
1,4-Dichlorobenzene	U	0.30	1.0	ug/l	8260B	04/29/08	1	1
trans-1,4-Dichloro-2-butene	U	0.85	2.5	ug/l	8260B	04/29/08	1	100
1,1-Dichloroethane	U	0.31	1.0	ug/l	8260B	04/29/08	1	5
1,2-Dichloroethane	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
1,1-Dichloroethene	U	0.50	1.0	ug/l	8260B	04/29/08	1	5
cis-1,2-Dichloroethene	U	0.38	1.0	ug/l	8260B	04/29/08	1	5

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-16

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-25A

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/22/08 09:15

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
trans-1,2-Dichloroethene	U	0.30	1.0	ug/l	8260B	04/29/08	1	5
1,2-Dichloropropane	U	0.52	1.0	ug/l	8260B	04/29/08	1	1
cis-1,3-Dichloropropene	U	0.26	1.0	ug/l	8260B	04/29/08	1	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l	8260B	04/29/08	1	1
Ethylbenzene	U	0.22	1.0	ug/l	8260B	04/29/08	1	1
2-Hexanone	U	1.6	10.	ug/l	8260B	04/29/08	1	50
Iodomethane	U	2.6	10.	ug/l	8260B	04/29/08	1	10
2-Butanone (MEK)	4.8	4.5	10.	ug/l	8260B	04/29/08	1	10
Methylene Chloride	U	0.30	5.0	ug/l	8260B	04/29/08	1	1
4-Methyl-2-pentanone (MIBK)	U	1.4	10.	ug/l	8260B	04/29/08	1	100
Styrene	U	0.38	1.0	ug/l	8260B	04/29/08	1	1
1,1,1,2-Tetrachloroethane	U	0.40	1.0	ug/l	8260B	04/29/08	1	5
1,1,2,2-Tetrachloroethane	U	0.22	1.0	ug/l	8260B	04/29/08	1	1
Tetrachloroethene	U	0.29	1.0	ug/l	8260B	04/29/08	1	1
Toluene	U	0.27	5.0	ug/l	8260B	04/29/08	1	1
1,1,1-Trichloroethane	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
1,1,2-Trichloroethane	U	0.45	1.0	ug/l	8260B	04/29/08	1	5
Trichloroethene	U	0.37	1.0	ug/l	8260B	04/29/08	1	1
Trichlorofluoromethane	U	0.29	5.0	ug/l	8260B	04/29/08	1	1
1,2,3-Trichloropropane	U	0.36	1.0	ug/l	8260B	04/29/08	1	1
Vinyl acetate	U	1.0	10.	ug/l	8260B	04/29/08	1	50
Vinyl chloride	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
Xylenes, Total	U	0.86	3.0	ug/l	8260B	04/29/08	1	4
Surrogate Recovery								
Toluene-d8	105.			% Rec.	8260B	04/29/08	1	
Dibromofluoromethane	103.			% Rec.	8260B	04/29/08	1	
4-Bromofluorobenzene	98.6			% Rec.	8260B	04/29/08	1	

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-17

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-32R

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/23/08 09:00

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
Antimony	U	0.22	1.0	ug/l	6020	04/25/08	1	6
Arsenic	0.24	0.15	1.0	ug/l	6020	04/25/08	1	10
Beryllium	U	1.2	5.0	ug/l	6020	04/25/08	5	1
Cadmium	U	0.24	0.50	ug/l	6020	04/25/08	1	1
Copper	0.78	0.45	1.0	ug/l	6020	04/25/08	1	10
Selenium	U	0.43	1.0	ug/l	6020	04/25/08	1	10
Thallium	U	0.090	1.0	ug/l	6020	04/25/08	1	5.5
Zinc	8.7	3.0	10.	ug/l	6020	04/25/08	1	10
Mercury	U	0.044	0.20	ug/l	7470A	04/25/08	1	.2
Barium	31.	1.0	5.0	ug/l	6010B	04/25/08	1	100
Chromium	2.7	2.3	10.	ug/l	6010B	04/25/08	1	10
Cobalt	3.0	1.1	10.	ug/l	6010B	04/25/08	1	10
Lead	2.7	2.4	5.0	ug/l	6010B	04/25/08	1	5
Nickel	U	9.8	20.	ug/l	6010B	04/25/08	1	50
Silver	3.0	2.5	10.	ug/l	6010B	04/25/08	1	10
Vanadium	4.2	2.9	10.	ug/l	6010B	04/25/08	1	25
Volatile Organics								
Acetone	U	8.9	50.	ug/l	8260B	04/29/08	1	100
Acrylonitrile	U	1.7	10.	ug/l	8260B	04/29/08	1	200
Benzene	U	0.29	1.0	ug/l	8260B	04/29/08	1	1
Bromochloromethane	U	0.44	1.0	ug/l	8260B	04/29/08	1	3
Bromodichloromethane	U	0.37	1.0	ug/l	8260B	04/29/08	1	1
Bromoform	U	0.51	1.0	ug/l	8260B	04/29/08	1	3
Bromomethane	U	0.89	5.0	ug/l	8260B	04/29/08	1	10
Carbon disulfide	U	0.32	1.0	ug/l	8260B	04/29/08	1	100
Carbon tetrachloride	U	0.31	1.0	ug/l	8260B	04/29/08	1	1
Chlorobenzene	U	0.26	1.0	ug/l	8260B	04/29/08	1	3
Chlorodibromomethane	U	0.42	1.0	ug/l	8260B	04/29/08	1	1
Chloroethane	U	0.86	5.0	ug/l	8260B	04/29/08	1	10
Chloroform	U	0.33	5.0	ug/l	8260B	04/29/08	1	5
Chloromethane	U	0.25	2.5	ug/l	8260B	04/29/08	1	1
Dibromomethane	U	0.28	1.0	ug/l	8260B	04/29/08	1	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l	8260B	04/29/08	1	5
1,4-Dichlorobenzene	U	0.30	1.0	ug/l	8260B	04/29/08	1	1
trans-1,4-Dichloro-2-butene	U	0.85	2.5	ug/l	8260B	04/29/08	1	100
1,1-Dichloroethane	U	0.31	1.0	ug/l	8260B	04/29/08	1	5
1,2-Dichloroethane	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
1,1-Dichloroethene	U	0.50	1.0	ug/l	8260B	04/29/08	1	5
cis-1,2-Dichloroethene	U	0.38	1.0	ug/l	8260B	04/29/08	1	5

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-17

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-32R

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/23/08 09:00

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
trans-1,2-Dichloroethene	U	0.30	1.0	ug/l	8260B	04/29/08	1	5
1,2-Dichloropropane	U	0.52	1.0	ug/l	8260B	04/29/08	1	1
cis-1,3-Dichloropropene	U	0.26	1.0	ug/l	8260B	04/29/08	1	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l	8260B	04/29/08	1	1
Ethylbenzene	U	0.22	1.0	ug/l	8260B	04/29/08	1	1
2-Hexanone	U	1.6	10.	ug/l	8260B	04/29/08	1	50
Iodomethane	U	2.6	10.	ug/l	8260B	04/29/08	1	10
2-Butanone (MEK)	U	4.5	10.	ug/l	8260B	04/29/08	1	10
Methylene Chloride	U	0.30	5.0	ug/l	8260B	04/29/08	1	1
4-Methyl-2-pentanone (MIBK)	U	1.4	10.	ug/l	8260B	04/29/08	1	100
Styrene	U	0.38	1.0	ug/l	8260B	04/29/08	1	1
1,1,1,2-Tetrachloroethane	U	0.40	1.0	ug/l	8260B	04/29/08	1	5
1,1,2,2-Tetrachloroethane	U	0.22	1.0	ug/l	8260B	04/29/08	1	1
Tetrachloroethene	U	0.29	1.0	ug/l	8260B	04/29/08	1	1
Toluene	U	0.27	5.0	ug/l	8260B	04/29/08	1	1
1,1,1-Trichloroethane	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
1,1,2-Trichloroethane	U	0.45	1.0	ug/l	8260B	04/29/08	1	5
Trichloroethene	U	0.37	1.0	ug/l	8260B	04/29/08	1	1
Trichlorofluoromethane	U	0.29	5.0	ug/l	8260B	04/29/08	1	1
1,2,3-Trichloropropane	U	0.36	1.0	ug/l	8260B	04/29/08	1	1
Vinyl acetate	U	1.0	10.	ug/l	8260B	04/29/08	1	50
Vinyl chloride	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
Xylenes, Total	U	0.86	3.0	ug/l	8260B	04/29/08	1	4
Surrogate Recovery								
Toluene-d8	107.			% Rec.	8260B	04/29/08	1	
Dibromofluoromethane	104.			% Rec.	8260B	04/29/08	1	
4-Bromofluorobenzene	98.5			% Rec.	8260B	04/29/08	1	

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
RDL = Reported Detection Limit = LOQ = PQL = EQL = MQL(TRRP)
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Tax I.D. 62-0814289

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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-18

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-33

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/23/08 09:05

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
Antimony	U	0.22	1.0	ug/l	6020	04/25/08	1	6
Arsenic	0.37	0.15	1.0	ug/l	6020	04/25/08	1	10
Beryllium	U	0.24	1.0	ug/l	6020	04/25/08	1	1
Cadmium	U	0.24	0.50	ug/l	6020	04/25/08	1	1
Copper	0.59	0.45	1.0	ug/l	6020	04/25/08	1	10
Selenium	0.57	0.43	1.0	ug/l	6020	04/25/08	1	10
Thallium	U	0.090	1.0	ug/l	6020	04/25/08	1	5.5
Zinc	8.4	3.0	10.	ug/l	6020	04/25/08	1	10
Mercury	U	0.044	0.20	ug/l	7470A	04/25/08	1	.2
Barium	51.	1.0	5.0	ug/l	6010B	04/25/08	1	100
Chromium	U	2.3	10.	ug/l	6010B	04/25/08	1	10
Cobalt	U	1.1	10.	ug/l	6010B	04/25/08	1	10
Lead	U	2.4	5.0	ug/l	6010B	04/25/08	1	5
Nickel	U	9.8	20.	ug/l	6010B	04/25/08	1	50
Silver	U	2.5	10.	ug/l	6010B	04/25/08	1	10
Vanadium	U	2.9	10.	ug/l	6010B	04/25/08	1	25
Volatile Organics								
Acetone	U	8.9	50.	ug/l	8260B	04/29/08	1	100
Acrylonitrile	U	1.7	10.	ug/l	8260B	04/29/08	1	200
Benzene	U	0.29	1.0	ug/l	8260B	04/29/08	1	1
Bromochloromethane	U	0.44	1.0	ug/l	8260B	04/29/08	1	3
Bromodichloromethane	U	0.37	1.0	ug/l	8260B	04/29/08	1	1
Bromoform	U	0.51	1.0	ug/l	8260B	04/29/08	1	3
Bromomethane	U	0.89	5.0	ug/l	8260B	04/29/08	1	10
Carbon disulfide	U	0.32	1.0	ug/l	8260B	04/29/08	1	100
Carbon tetrachloride	U	0.31	1.0	ug/l	8260B	04/29/08	1	1
Chlorobenzene	U	0.26	1.0	ug/l	8260B	04/29/08	1	3
Chlorodibromomethane	U	0.42	1.0	ug/l	8260B	04/29/08	1	1
Chloroethane	U	0.86	5.0	ug/l	8260B	04/29/08	1	10
Chloroform	U	0.33	5.0	ug/l	8260B	04/29/08	1	5
Chloromethane	U	0.25	2.5	ug/l	8260B	04/29/08	1	1
Dibromomethane	U	0.28	1.0	ug/l	8260B	04/29/08	1	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l	8260B	04/29/08	1	5
1,4-Dichlorobenzene	U	0.30	1.0	ug/l	8260B	04/29/08	1	1
trans-1,4-Dichloro-2-butene	U	0.85	2.5	ug/l	8260B	04/29/08	1	100
1,1-Dichloroethane	U	0.31	1.0	ug/l	8260B	04/29/08	1	5
1,2-Dichloroethane	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
1,1-Dichloroethene	U	0.50	1.0	ug/l	8260B	04/29/08	1	5
cis-1,2-Dichloroethene	U	0.38	1.0	ug/l	8260B	04/29/08	1	5

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-18

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-33

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/23/08 09:05

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
trans-1,2-Dichloroethene	U	0.30	1.0	ug/l	8260B	04/29/08	1	5
1,2-Dichloropropane	U	0.52	1.0	ug/l	8260B	04/29/08	1	1
cis-1,3-Dichloropropene	U	0.26	1.0	ug/l	8260B	04/29/08	1	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l	8260B	04/29/08	1	1
Ethylbenzene	U	0.22	1.0	ug/l	8260B	04/29/08	1	1
2-Hexanone	U	1.6	10.	ug/l	8260B	04/29/08	1	50
Iodomethane	U	2.6	10.	ug/l	8260B	04/29/08	1	10
2-Butanone (MEK)	5.4	4.5	10.	ug/l	8260B	04/29/08	1	10
Methylene Chloride	U	0.30	5.0	ug/l	8260B	04/29/08	1	1
4-Methyl-2-pentanone (MIBK)	U	1.4	10.	ug/l	8260B	04/29/08	1	100
Styrene	U	0.38	1.0	ug/l	8260B	04/29/08	1	1
1,1,1,2-Tetrachloroethane	U	0.40	1.0	ug/l	8260B	04/29/08	1	5
1,1,2,2-Tetrachloroethane	U	0.22	1.0	ug/l	8260B	04/29/08	1	1
Tetrachloroethene	U	0.29	1.0	ug/l	8260B	04/29/08	1	1
Toluene	U	0.27	5.0	ug/l	8260B	04/29/08	1	1
1,1,1-Trichloroethane	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
1,1,2-Trichloroethane	U	0.45	1.0	ug/l	8260B	04/29/08	1	5
Trichloroethene	U	0.37	1.0	ug/l	8260B	04/29/08	1	1
Trichlorofluoromethane	U	0.29	5.0	ug/l	8260B	04/29/08	1	1
1,2,3-Trichloropropane	U	0.36	1.0	ug/l	8260B	04/29/08	1	1
Vinyl acetate	U	1.0	10.	ug/l	8260B	04/29/08	1	50
Vinyl chloride	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
Xylenes, Total	U	0.86	3.0	ug/l	8260B	04/29/08	1	4
Surrogate Recovery								
Toluene-d8	106.			% Rec.	8260B	04/29/08	1	
Dibromofluoromethane	104.			% Rec.	8260B	04/29/08	1	
4-Bromofluorobenzene	97.9			% Rec.	8260B	04/29/08	1	

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-19

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-33A

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/23/08 09:10

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
Antimony	0.55	0.22	1.0	ug/l	6020	04/25/08	1	6
Arsenic	U	0.15	1.0	ug/l	6020	04/25/08	1	10
Beryllium	U	0.24	1.0	ug/l	6020	04/25/08	1	1
Cadmium	U	0.24	0.50	ug/l	6020	04/25/08	1	1
Copper	1.3	0.45	1.0	ug/l	6020	04/25/08	1	10
Selenium	U	0.43	1.0	ug/l	6020	04/25/08	1	10
Thallium	U	0.090	1.0	ug/l	6020	04/25/08	1	5.5
Zinc	5.8	3.0	10.	ug/l	6020	04/25/08	1	10
Mercury	U	0.044	0.20	ug/l	7470A	04/25/08	1	.2
Barium	8.4	1.0	5.0	ug/l	6010B	04/25/08	1	100
Chromium	U	2.3	10.	ug/l	6010B	04/25/08	1	10
Cobalt	U	1.1	10.	ug/l	6010B	04/25/08	1	10
Lead	U	2.4	5.0	ug/l	6010B	04/25/08	1	5
Nickel	U	9.8	20.	ug/l	6010B	04/25/08	1	50
Silver	U	2.5	10.	ug/l	6010B	04/25/08	1	10
Vanadium	U	2.9	10.	ug/l	6010B	04/25/08	1	25
Volatile Organics								
Acetone	34.	8.9	50.	ug/l	8260B	04/29/08	1	100
Acrylonitrile	U	1.7	10.	ug/l	8260B	04/29/08	1	200
Benzene	U	0.29	1.0	ug/l	8260B	04/29/08	1	1
Bromochloromethane	U	0.44	1.0	ug/l	8260B	04/29/08	1	3
Bromodichloromethane	U	0.37	1.0	ug/l	8260B	04/29/08	1	1
Bromoform	U	0.51	1.0	ug/l	8260B	04/29/08	1	3
Bromomethane	U	0.89	5.0	ug/l	8260B	04/29/08	1	10
Carbon disulfide	U	0.32	1.0	ug/l	8260B	04/29/08	1	100
Carbon tetrachloride	U	0.31	1.0	ug/l	8260B	04/29/08	1	1
Chlorobenzene	U	0.26	1.0	ug/l	8260B	04/29/08	1	3
Chlorodibromomethane	U	0.42	1.0	ug/l	8260B	04/29/08	1	1
Chloroethane	U	0.86	5.0	ug/l	8260B	04/29/08	1	10
Chloroform	U	0.33	5.0	ug/l	8260B	04/29/08	1	5
Chloromethane	U	0.25	2.5	ug/l	8260B	04/29/08	1	1
Dibromomethane	U	0.28	1.0	ug/l	8260B	04/29/08	1	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l	8260B	04/29/08	1	5
1,4-Dichlorobenzene	U	0.30	1.0	ug/l	8260B	04/29/08	1	1
trans-1,4-Dichloro-2-butene	U	0.85	2.5	ug/l	8260B	04/29/08	1	100
1,1-Dichloroethane	U	0.31	1.0	ug/l	8260B	04/29/08	1	5
1,2-Dichloroethane	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
1,1-Dichloroethene	U	0.50	1.0	ug/l	8260B	04/29/08	1	5
cis-1,2-Dichloroethene	U	0.38	1.0	ug/l	8260B	04/29/08	1	5

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-19

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-33A

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/23/08 09:10

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
trans-1,2-Dichloroethene	U	0.30	1.0	ug/l	8260B	04/29/08	1	5
1,2-Dichloropropane	U	0.52	1.0	ug/l	8260B	04/29/08	1	1
cis-1,3-Dichloropropene	U	0.26	1.0	ug/l	8260B	04/29/08	1	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l	8260B	04/29/08	1	1
Ethylbenzene	U	0.22	1.0	ug/l	8260B	04/29/08	1	1
2-Hexanone	U	1.6	10.	ug/l	8260B	04/29/08	1	50
Iodomethane	U	2.6	10.	ug/l	8260B	04/29/08	1	10
2-Butanone (MEK)	U	4.5	10.	ug/l	8260B	04/29/08	1	10
Methylene Chloride	U	0.30	5.0	ug/l	8260B	04/29/08	1	1
4-Methyl-2-pentanone (MIBK)	U	1.4	10.	ug/l	8260B	04/29/08	1	100
Styrene	U	0.38	1.0	ug/l	8260B	04/29/08	1	1
1,1,1,2-Tetrachloroethane	U	0.40	1.0	ug/l	8260B	04/29/08	1	5
1,1,2,2-Tetrachloroethane	U	0.22	1.0	ug/l	8260B	04/29/08	1	1
Tetrachloroethene	U	0.29	1.0	ug/l	8260B	04/29/08	1	1
Toluene	U	0.27	5.0	ug/l	8260B	04/29/08	1	1
1,1,1-Trichloroethane	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
1,1,2-Trichloroethane	U	0.45	1.0	ug/l	8260B	04/29/08	1	5
Trichloroethene	U	0.37	1.0	ug/l	8260B	04/29/08	1	1
Trichlorofluoromethane	U	0.29	5.0	ug/l	8260B	04/29/08	1	1
1,2,3-Trichloropropane	U	0.36	1.0	ug/l	8260B	04/29/08	1	1
Vinyl acetate	U	1.0	10.	ug/l	8260B	04/29/08	1	50
Vinyl chloride	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
Xylenes, Total	U	0.86	3.0	ug/l	8260B	04/29/08	1	4
Surrogate Recovery								
Toluene-d8	106.			% Rec.	8260B	04/29/08	1	
Dibromofluoromethane	102.			% Rec.	8260B	04/29/08	1	
4-Bromofluorobenzene	103.			% Rec.	8260B	04/29/08	1	

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
RDL = Reported Detection Limit = LOQ = PQL = EQL = MQL(TRRP)
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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-20

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-34

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/23/08 09:40

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
Antimony	U	0.22	1.0	ug/l	6020	04/25/08	1	6
Arsenic	0.20	0.15	1.0	ug/l	6020	04/25/08	1	10
Beryllium	U	1.2	5.0	ug/l	6020	04/25/08	5	1
Cadmium	U	0.24	0.50	ug/l	6020	04/25/08	1	1
Copper	0.63	0.45	1.0	ug/l	6020	04/25/08	1	10
Selenium	U	0.43	1.0	ug/l	6020	04/25/08	1	10
Thallium	0.15	0.090	1.0	ug/l	6020	04/25/08	1	5.5
Zinc	9.9	3.0	10.	ug/l	6020	04/25/08	1	10
Mercury	U	0.044	0.20	ug/l	7470A	04/25/08	1	.2
Barium	110	1.0	5.0	ug/l	6010B	04/25/08	1	100
Chromium	U	2.3	10.	ug/l	6010B	04/25/08	1	10
Cobalt	6.0	1.1	10.	ug/l	6010B	04/25/08	1	10
Lead	U	2.4	5.0	ug/l	6010B	04/25/08	1	5
Nickel	U	9.8	20.	ug/l	6010B	04/25/08	1	50
Silver	U	2.5	10.	ug/l	6010B	04/25/08	1	10
Vanadium	U	2.9	10.	ug/l	6010B	04/25/08	1	25
Volatile Organics								
Acetone	U	8.9	50.	ug/l	8260B	04/29/08	1	100
Acrylonitrile	U	1.7	10.	ug/l	8260B	04/29/08	1	200
Benzene	U	0.29	1.0	ug/l	8260B	04/29/08	1	1
Bromochloromethane	U	0.44	1.0	ug/l	8260B	04/29/08	1	3
Bromodichloromethane	U	0.37	1.0	ug/l	8260B	04/29/08	1	1
Bromoform	U	0.51	1.0	ug/l	8260B	04/29/08	1	3
Bromomethane	U	0.89	5.0	ug/l	8260B	04/29/08	1	10
Carbon disulfide	U	0.32	1.0	ug/l	8260B	04/29/08	1	100
Carbon tetrachloride	U	0.31	1.0	ug/l	8260B	04/29/08	1	1
Chlorobenzene	U	0.26	1.0	ug/l	8260B	04/29/08	1	3
Chlorodibromomethane	U	0.42	1.0	ug/l	8260B	04/29/08	1	1
Chloroethane	U	0.86	5.0	ug/l	8260B	04/29/08	1	10
Chloroform	U	0.33	5.0	ug/l	8260B	04/29/08	1	5
Chloromethane	U	0.25	2.5	ug/l	8260B	04/29/08	1	1
Dibromomethane	U	0.28	1.0	ug/l	8260B	04/29/08	1	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l	8260B	04/29/08	1	5
1,4-Dichlorobenzene	U	0.30	1.0	ug/l	8260B	04/29/08	1	1
trans-1,4-Dichloro-2-butene	U	0.85	2.5	ug/l	8260B	04/29/08	1	100
1,1-Dichloroethane	U	0.31	1.0	ug/l	8260B	04/29/08	1	5
1,2-Dichloroethane	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
1,1-Dichloroethene	U	0.50	1.0	ug/l	8260B	04/29/08	1	5
cis-1,2-Dichloroethene	U	0.38	1.0	ug/l	8260B	04/29/08	1	5

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
RDL = Reported Detection Limit = LOQ = PQL = EQL = MQL(TRRP)
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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-20

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-34

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/23/08 09:40

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
trans-1,2-Dichloroethene	U	0.30	1.0	ug/l	8260B	04/29/08	1	5
1,2-Dichloropropane	U	0.52	1.0	ug/l	8260B	04/29/08	1	1
cis-1,3-Dichloropropene	U	0.26	1.0	ug/l	8260B	04/29/08	1	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l	8260B	04/29/08	1	1
Ethylbenzene	U	0.22	1.0	ug/l	8260B	04/29/08	1	1
2-Hexanone	U	1.6	10.	ug/l	8260B	04/29/08	1	50
Iodomethane	U	2.6	10.	ug/l	8260B	04/29/08	1	10
2-Butanone (MEK)	U	4.5	10.	ug/l	8260B	04/29/08	1	10
Methylene Chloride	U	0.30	5.0	ug/l	8260B	04/29/08	1	1
4-Methyl-2-pentanone (MIBK)	U	1.4	10.	ug/l	8260B	04/29/08	1	100
Styrene	U	0.38	1.0	ug/l	8260B	04/29/08	1	1
1,1,1,2-Tetrachloroethane	U	0.40	1.0	ug/l	8260B	04/29/08	1	5
1,1,2,2-Tetrachloroethane	U	0.22	1.0	ug/l	8260B	04/29/08	1	1
Tetrachloroethene	U	0.29	1.0	ug/l	8260B	04/29/08	1	1
Toluene	U	0.27	5.0	ug/l	8260B	04/29/08	1	1
1,1,1-Trichloroethane	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
1,1,2-Trichloroethane	U	0.45	1.0	ug/l	8260B	04/29/08	1	5
Trichloroethene	U	0.37	1.0	ug/l	8260B	04/29/08	1	1
Trichlorofluoromethane	U	0.29	5.0	ug/l	8260B	04/29/08	1	1
1,2,3-Trichloropropane	U	0.36	1.0	ug/l	8260B	04/29/08	1	1
Vinyl acetate	U	1.0	10.	ug/l	8260B	04/29/08	1	50
Vinyl chloride	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
Xylenes, Total	U	0.86	3.0	ug/l	8260B	04/29/08	1	4
Surrogate Recovery								
Toluene-d8	106.			% Rec.	8260B	04/29/08	1	
Dibromofluoromethane	101.			% Rec.	8260B	04/29/08	1	
4-Bromofluorobenzene	97.4			% Rec.	8260B	04/29/08	1	

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
RDL = Reported Detection Limit = LOQ = PQL = EQL = MQL(TRRP)
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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-21

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-35

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/23/08 09:45

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
Antimony	U	0.22	1.0	ug/l	6020	04/25/08	1	6
Arsenic	0.24	0.15	1.0	ug/l	6020	04/25/08	1	10
Beryllium	U	1.2	5.0	ug/l	6020	04/25/08	5	1
Cadmium	U	0.24	0.50	ug/l	6020	04/25/08	1	1
Copper	2.7	0.45	1.0	ug/l	6020	04/25/08	1	10
Selenium	U	0.43	1.0	ug/l	6020	04/25/08	1	10
Thallium	0.10	0.090	1.0	ug/l	6020	04/25/08	1	5.5
Zinc	15.	3.0	10.	ug/l	6020	04/25/08	1	10
Mercury	U	0.044	0.20	ug/l	7470A	04/25/08	1	.2
Barium	63.	1.0	5.0	ug/l	6010B	04/25/08	1	100
Chromium	3.8	2.3	10.	ug/l	6010B	04/25/08	1	10
Cobalt	4.4	1.1	10.	ug/l	6010B	04/25/08	1	10
Lead	2.4	2.4	5.0	ug/l	6010B	04/25/08	1	5
Nickel	U	9.8	20.	ug/l	6010B	04/25/08	1	50
Silver	U	2.5	10.	ug/l	6010B	04/25/08	1	10
Vanadium	7.6	2.9	10.	ug/l	6010B	04/25/08	1	25
Volatile Organics								
Acetone	U	8.9	50.	ug/l	8260B	04/29/08	1	100
Acrylonitrile	U	1.7	10.	ug/l	8260B	04/29/08	1	200
Benzene	U	0.29	1.0	ug/l	8260B	04/29/08	1	1
Bromochloromethane	U	0.44	1.0	ug/l	8260B	04/29/08	1	3
Bromodichloromethane	U	0.37	1.0	ug/l	8260B	04/29/08	1	1
Bromoform	U	0.51	1.0	ug/l	8260B	04/29/08	1	3
Bromomethane	U	0.89	5.0	ug/l	8260B	04/29/08	1	10
Carbon disulfide	U	0.32	1.0	ug/l	8260B	04/29/08	1	100
Carbon tetrachloride	U	0.31	1.0	ug/l	8260B	04/29/08	1	1
Chlorobenzene	U	0.26	1.0	ug/l	8260B	04/29/08	1	3
Chlorodibromomethane	U	0.42	1.0	ug/l	8260B	04/29/08	1	1
Chloroethane	U	0.86	5.0	ug/l	8260B	04/29/08	1	10
Chloroform	U	0.33	5.0	ug/l	8260B	04/29/08	1	5
Chloromethane	U	0.25	2.5	ug/l	8260B	04/29/08	1	1
Dibromomethane	U	0.28	1.0	ug/l	8260B	04/29/08	1	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l	8260B	04/29/08	1	5
1,4-Dichlorobenzene	U	0.30	1.0	ug/l	8260B	04/29/08	1	1
trans-1,4-Dichloro-2-butene	U	0.85	2.5	ug/l	8260B	04/29/08	1	100
1,1-Dichloroethane	U	0.31	1.0	ug/l	8260B	04/29/08	1	5
1,2-Dichloroethane	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
1,1-Dichloroethene	U	0.50	1.0	ug/l	8260B	04/29/08	1	5
cis-1,2-Dichloroethene	U	0.38	1.0	ug/l	8260B	04/29/08	1	5

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-21

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-35

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/23/08 09:45

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
trans-1,2-Dichloroethene	U	0.30	1.0	ug/l	8260B	04/29/08	1	5
1,2-Dichloropropane	U	0.52	1.0	ug/l	8260B	04/29/08	1	1
cis-1,3-Dichloropropene	U	0.26	1.0	ug/l	8260B	04/29/08	1	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l	8260B	04/29/08	1	1
Ethylbenzene	U	0.22	1.0	ug/l	8260B	04/29/08	1	1
2-Hexanone	U	1.6	10.	ug/l	8260B	04/29/08	1	50
Iodomethane	U	2.6	10.	ug/l	8260B	04/29/08	1	10
2-Butanone (MEK)	U	4.5	10.	ug/l	8260B	04/29/08	1	10
Methylene Chloride	U	0.30	5.0	ug/l	8260B	04/29/08	1	1
4-Methyl-2-pentanone (MIBK)	U	1.4	10.	ug/l	8260B	04/29/08	1	100
Styrene	U	0.38	1.0	ug/l	8260B	04/29/08	1	1
1,1,1,2-Tetrachloroethane	U	0.40	1.0	ug/l	8260B	04/29/08	1	5
1,1,2,2-Tetrachloroethane	U	0.22	1.0	ug/l	8260B	04/29/08	1	1
Tetrachloroethene	U	0.29	1.0	ug/l	8260B	04/29/08	1	1
Toluene	U	0.27	5.0	ug/l	8260B	04/29/08	1	1
1,1,1-Trichloroethane	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
1,1,2-Trichloroethane	U	0.45	1.0	ug/l	8260B	04/29/08	1	5
Trichloroethene	U	0.37	1.0	ug/l	8260B	04/29/08	1	1
Trichlorofluoromethane	U	0.29	5.0	ug/l	8260B	04/29/08	1	1
1,2,3-Trichloropropane	U	0.36	1.0	ug/l	8260B	04/29/08	1	1
Vinyl acetate	U	1.0	10.	ug/l	8260B	04/29/08	1	50
Vinyl chloride	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
Xylenes, Total	U	0.86	3.0	ug/l	8260B	04/29/08	1	4
Surrogate Recovery								
Toluene-d8	106.			% Rec.	8260B	04/29/08	1	
Dibromofluoromethane	102.			% Rec.	8260B	04/29/08	1	
4-Bromofluorobenzene	96.6			% Rec.	8260B	04/29/08	1	

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-22

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-35A

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/23/08 09:50

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
Antimony	0.43	0.22	1.0	ug/l	6020	04/25/08	1	6
Arsenic	U	0.15	1.0	ug/l	6020	04/25/08	1	10
Beryllium	U	0.24	1.0	ug/l	6020	04/25/08	1	1
Cadmium	U	0.24	0.50	ug/l	6020	04/25/08	1	1
Copper	1.3	0.45	1.0	ug/l	6020	04/25/08	1	10
Selenium	U	0.43	1.0	ug/l	6020	04/25/08	1	10
Thallium	U	0.090	1.0	ug/l	6020	04/25/08	1	5.5
Zinc	8.2	3.0	10.	ug/l	6020	04/25/08	1	10
Mercury	U	0.044	0.20	ug/l	7470A	04/25/08	1	.2
Barium	40.	1.0	5.0	ug/l	6010B	04/25/08	1	100
Chromium	3.2	2.3	10.	ug/l	6010B	04/25/08	1	10
Cobalt	U	1.1	10.	ug/l	6010B	04/25/08	1	10
Lead	U	2.4	5.0	ug/l	6010B	04/25/08	1	5
Nickel	U	9.8	20.	ug/l	6010B	04/25/08	1	50
Silver	U	2.5	10.	ug/l	6010B	04/25/08	1	10
Vanadium	3.7	2.9	10.	ug/l	6010B	04/25/08	1	25
Volatile Organics								
Acetone	34.	8.9	50.	ug/l	8260B	04/29/08	1	100
Acrylonitrile	U	1.7	10.	ug/l	8260B	04/29/08	1	200
Benzene	U	0.29	1.0	ug/l	8260B	04/29/08	1	1
Bromochloromethane	U	0.44	1.0	ug/l	8260B	04/29/08	1	3
Bromodichloromethane	U	0.37	1.0	ug/l	8260B	04/29/08	1	1
Bromoform	U	0.51	1.0	ug/l	8260B	04/29/08	1	3
Bromomethane	U	0.89	5.0	ug/l	8260B	04/29/08	1	10
Carbon disulfide	U	0.32	1.0	ug/l	8260B	04/29/08	1	100
Carbon tetrachloride	U	0.31	1.0	ug/l	8260B	04/29/08	1	1
Chlorobenzene	U	0.26	1.0	ug/l	8260B	04/29/08	1	3
Chlorodibromomethane	U	0.42	1.0	ug/l	8260B	04/29/08	1	1
Chloroethane	U	0.86	5.0	ug/l	8260B	04/29/08	1	10
Chloroform	U	0.33	5.0	ug/l	8260B	04/29/08	1	5
Chloromethane	U	0.25	2.5	ug/l	8260B	04/29/08	1	1
Dibromomethane	U	0.28	1.0	ug/l	8260B	04/29/08	1	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l	8260B	04/29/08	1	5
1,4-Dichlorobenzene	U	0.30	1.0	ug/l	8260B	04/29/08	1	1
trans-1,4-Dichloro-2-butene	U	0.85	2.5	ug/l	8260B	04/29/08	1	100
1,1-Dichloroethane	U	0.31	1.0	ug/l	8260B	04/29/08	1	5
1,2-Dichloroethane	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
1,1-Dichloroethene	U	0.50	1.0	ug/l	8260B	04/29/08	1	5
cis-1,2-Dichloroethene	U	0.38	1.0	ug/l	8260B	04/29/08	1	5

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-22

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-35A

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/23/08 09:50

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
trans-1,2-Dichloroethene	U	0.30	1.0	ug/l	8260B	04/29/08	1	5
1,2-Dichloropropane	U	0.52	1.0	ug/l	8260B	04/29/08	1	1
cis-1,3-Dichloropropene	U	0.26	1.0	ug/l	8260B	04/29/08	1	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l	8260B	04/29/08	1	1
Ethylbenzene	U	0.22	1.0	ug/l	8260B	04/29/08	1	1
2-Hexanone	U	1.6	10.	ug/l	8260B	04/29/08	1	50
Iodomethane	U	2.6	10.	ug/l	8260B	04/29/08	1	10
2-Butanone (MEK)	U	4.5	10.	ug/l	8260B	04/29/08	1	10
Methylene Chloride	U	0.30	5.0	ug/l	8260B	04/29/08	1	1
4-Methyl-2-pentanone (MIBK)	U	1.4	10.	ug/l	8260B	04/29/08	1	100
Styrene	U	0.38	1.0	ug/l	8260B	04/29/08	1	1
1,1,1,2-Tetrachloroethane	U	0.40	1.0	ug/l	8260B	04/29/08	1	5
1,1,2,2-Tetrachloroethane	U	0.22	1.0	ug/l	8260B	04/29/08	1	1
Tetrachloroethene	U	0.29	1.0	ug/l	8260B	04/29/08	1	1
Toluene	U	0.27	5.0	ug/l	8260B	04/29/08	1	1
1,1,1-Trichloroethane	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
1,1,2-Trichloroethane	U	0.45	1.0	ug/l	8260B	04/29/08	1	5
Trichloroethene	U	0.37	1.0	ug/l	8260B	04/29/08	1	1
Trichlorofluoromethane	U	0.29	5.0	ug/l	8260B	04/29/08	1	1
1,2,3-Trichloropropane	U	0.36	1.0	ug/l	8260B	04/29/08	1	1
Vinyl acetate	U	1.0	10.	ug/l	8260B	04/29/08	1	50
Vinyl chloride	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
Xylenes, Total	U	0.86	3.0	ug/l	8260B	04/29/08	1	4
Surrogate Recovery								
Toluene-d8	106.			% Rec.	8260B	04/29/08	1	
Dibromofluoromethane	103.			% Rec.	8260B	04/29/08	1	
4-Bromofluorobenzene	98.4			% Rec.	8260B	04/29/08	1	

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-23

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : MSW TRIP BLANK

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/23/08 00:00

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
Volatile Organics								
Acetone	10.	8.9	50.	ug/l	8260B	04/29/08	1	100
Acrylonitrile	U	1.7	10.	ug/l	8260B	04/29/08	1	200
Benzene	U	0.29	1.0	ug/l	8260B	04/29/08	1	1
Bromochloromethane	U	0.44	1.0	ug/l	8260B	04/29/08	1	3
Bromodichloromethane	U	0.37	1.0	ug/l	8260B	04/29/08	1	1
Bromoform	U	0.51	1.0	ug/l	8260B	04/29/08	1	3
Bromomethane	U	0.89	5.0	ug/l	8260B	04/29/08	1	10
Carbon disulfide	U	0.32	1.0	ug/l	8260B	04/29/08	1	100
Carbon tetrachloride	U	0.31	1.0	ug/l	8260B	04/29/08	1	1
Chlorobenzene	U	0.26	1.0	ug/l	8260B	04/29/08	1	3
Chlorodibromomethane	U	0.42	1.0	ug/l	8260B	04/29/08	1	1
Chloroethane	U	0.86	5.0	ug/l	8260B	04/29/08	1	10
Chloroform	U	0.33	5.0	ug/l	8260B	04/29/08	1	5
Chloromethane	U	0.25	2.5	ug/l	8260B	04/29/08	1	1
Dibromomethane	U	0.28	1.0	ug/l	8260B	04/29/08	1	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l	8260B	04/29/08	1	5
1,4-Dichlorobenzene	U	0.30	1.0	ug/l	8260B	04/29/08	1	1
trans-1,4-Dichloro-2-butene	U	0.85	2.5	ug/l	8260B	04/29/08	1	100
1,1-Dichloroethane	U	0.31	1.0	ug/l	8260B	04/29/08	1	5
1,2-Dichloroethane	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
1,1-Dichloroethene	U	0.50	1.0	ug/l	8260B	04/29/08	1	5
cis-1,2-Dichloroethene	U	0.38	1.0	ug/l	8260B	04/29/08	1	5
trans-1,2-Dichloroethene	U	0.30	1.0	ug/l	8260B	04/29/08	1	5
1,2-Dichloropropane	U	0.52	1.0	ug/l	8260B	04/29/08	1	1
cis-1,3-Dichloropropene	U	0.26	1.0	ug/l	8260B	04/29/08	1	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l	8260B	04/29/08	1	1
Ethylbenzene	U	0.22	1.0	ug/l	8260B	04/29/08	1	1
2-Hexanone	U	1.6	10.	ug/l	8260B	04/29/08	1	50
Iodomethane	U	2.6	10.	ug/l	8260B	04/29/08	1	10
2-Butanone (MEK)	U	4.5	10.	ug/l	8260B	04/29/08	1	10
Methylene Chloride	U	0.30	5.0	ug/l	8260B	04/29/08	1	1
4-Methyl-2-pentanone (MIBK)	U	1.4	10.	ug/l	8260B	04/29/08	1	100
Styrene	U	0.38	1.0	ug/l	8260B	04/29/08	1	1
1,1,1,2-Tetrachloroethane	U	0.40	1.0	ug/l	8260B	04/29/08	1	5
1,1,2,2-Tetrachloroethane	U	0.22	1.0	ug/l	8260B	04/29/08	1	1
Tetrachloroethene	U	0.29	1.0	ug/l	8260B	04/29/08	1	1
Toluene	U	0.27	5.0	ug/l	8260B	04/29/08	1	1
1,1,1-Trichloroethane	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
1,1,2-Trichloroethane	U	0.45	1.0	ug/l	8260B	04/29/08	1	5
Trichloroethene	U	0.37	1.0	ug/l	8260B	04/29/08	1	1
Trichlorofluoromethane	U	0.29	5.0	ug/l	8260B	04/29/08	1	1

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
RDL = Reported Detection Limit = LOQ = PQL = EQL = MQL(TRRP)
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Tax I.D. 62-0814289

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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-23

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : MSW TRIP BLANK

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/23/08 00:00

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
1,2,3-Trichloropropane	U	0.36	1.0	ug/l	8260B	04/29/08	1	1
Vinyl acetate	U	1.0	10.	ug/l	8260B	04/29/08	1	50
Vinyl chloride	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
Xylenes, Total	U	0.86	3.0	ug/l	8260B	04/29/08	1	4
Surrogate Recovery								
Toluene-d8	106.			% Rec.	8260B	04/29/08	1	
Dibromofluoromethane	104.			% Rec.	8260B	04/29/08	1	
4-Bromofluorobenzene	101.			% Rec.	8260B	04/29/08	1	

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SWSL = Solid Waste Section Limit
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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-24

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-26

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/22/08 10:30

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
Chloride	2000	220	1000	ug/l	9056	04/24/08	1	
Sulfate	2900	170	5000	ug/l	9056	04/24/08	1	250000
Alkalinity	26000	2600	10000	ug/l	310.2	04/30/08	1	
Dissolved Solids	30000	3300	10000	ug/l	2540C	04/26/08	1	
Antimony	U	0.22	1.0	ug/l	6020	04/25/08	1	6
Arsenic	0.26	0.15	1.0	ug/l	6020	04/25/08	1	10
Beryllium	U	0.24	1.0	ug/l	6020	04/25/08	1	1
Cadmium	U	0.24	0.50	ug/l	6020	04/25/08	1	1
Copper	4.7	0.45	1.0	ug/l	6020	04/25/08	1	10
Selenium	U	0.43	1.0	ug/l	6020	04/25/08	1	10
Thallium	U	0.090	1.0	ug/l	6020	04/25/08	1	5.5
Zinc	5.2	3.0	10.	ug/l	6020	04/25/08	1	10
Mercury	U	0.044	0.20	ug/l	7470A	04/25/08	1	.2
Barium	63.	1.0	5.0	ug/l	6010B	04/25/08	1	100
Chromium	2.3	2.3	10.	ug/l	6010B	04/25/08	1	10
Cobalt	U	1.1	10.	ug/l	6010B	04/25/08	1	10
Iron	370	32.	100	ug/l	6010B	04/25/08	1	300
Lead	U	2.4	5.0	ug/l	6010B	04/25/08	1	5
Manganese	17.	9.0	10.	ug/l	6010B	04/25/08	1	50
Nickel	U	9.8	20.	ug/l	6010B	04/25/08	1	50
Silver	U	2.5	10.	ug/l	6010B	04/25/08	1	10
Vanadium	U	2.9	10.	ug/l	6010B	04/25/08	1	25
Volatile Organics								
Acetone	U	8.9	50.	ug/l	8260B	04/29/08	1	100
Acrylonitrile	U	1.7	10.	ug/l	8260B	04/29/08	1	200
Benzene	U	0.29	1.0	ug/l	8260B	04/29/08	1	1
Bromochloromethane	U	0.44	1.0	ug/l	8260B	04/29/08	1	3
Bromodichloromethane	U	0.37	1.0	ug/l	8260B	04/29/08	1	1
Bromoform	U	0.51	1.0	ug/l	8260B	04/29/08	1	3
Bromomethane	U	0.89	5.0	ug/l	8260B	04/29/08	1	10
Carbon disulfide	U	0.32	1.0	ug/l	8260B	04/29/08	1	100
Carbon tetrachloride	U	0.31	1.0	ug/l	8260B	04/29/08	1	1
Chlorobenzene	U	0.26	1.0	ug/l	8260B	04/29/08	1	3
Chlorodibromomethane	U	0.42	1.0	ug/l	8260B	04/29/08	1	1
Chloroethane	U	0.86	5.0	ug/l	8260B	04/29/08	1	10
Chloroform	U	0.33	5.0	ug/l	8260B	04/29/08	1	5

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-24

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-26

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/22/08 10:30

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
Chloromethane	U	0.25	2.5	ug/l	8260B	04/29/08	1	1
Dibromomethane	U	0.28	1.0	ug/l	8260B	04/29/08	1	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l	8260B	04/29/08	1	5
1,4-Dichlorobenzene	U	0.30	1.0	ug/l	8260B	04/29/08	1	1
trans-1,4-Dichloro-2-butene	U	0.85	2.5	ug/l	8260B	04/29/08	1	100
1,1-Dichloroethane	U	0.31	1.0	ug/l	8260B	04/29/08	1	5
1,2-Dichloroethane	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
1,1-Dichloroethene	U	0.50	1.0	ug/l	8260B	04/29/08	1	5
cis-1,2-Dichloroethene	U	0.38	1.0	ug/l	8260B	04/29/08	1	5
trans-1,2-Dichloroethene	U	0.30	1.0	ug/l	8260B	04/29/08	1	5
1,2-Dichloropropane	U	0.52	1.0	ug/l	8260B	04/29/08	1	1
cis-1,3-Dichloropropene	U	0.26	1.0	ug/l	8260B	04/29/08	1	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l	8260B	04/29/08	1	1
Ethylbenzene	U	0.22	1.0	ug/l	8260B	04/29/08	1	1
2-Hexanone	U	1.6	10.	ug/l	8260B	04/29/08	1	50
Iodomethane	U	2.6	10.	ug/l	8260B	04/29/08	1	10
2-Butanone (MEK)	U	4.5	10.	ug/l	8260B	04/29/08	1	10
Methylene Chloride	U	0.30	5.0	ug/l	8260B	04/29/08	1	1
4-Methyl-2-pentanone (MIBK)	U	1.4	10.	ug/l	8260B	04/29/08	1	100
Styrene	U	0.38	1.0	ug/l	8260B	04/29/08	1	1
1,1,1,2-Tetrachloroethane	U	0.40	1.0	ug/l	8260B	04/29/08	1	5
1,1,2,2-Tetrachloroethane	U	0.22	1.0	ug/l	8260B	04/29/08	1	1
Tetrachloroethene	U	0.29	1.0	ug/l	8260B	04/29/08	1	1
Toluene	U	0.27	5.0	ug/l	8260B	04/29/08	1	1
1,1,1-Trichloroethane	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
1,1,2-Trichloroethane	U	0.45	1.0	ug/l	8260B	04/29/08	1	5
Trichloroethene	U	0.37	1.0	ug/l	8260B	04/29/08	1	1
Trichlorofluoromethane	U	0.29	5.0	ug/l	8260B	04/29/08	1	1
1,2,3-Trichloropropane	U	0.36	1.0	ug/l	8260B	04/29/08	1	1
Vinyl acetate	U	1.0	10.	ug/l	8260B	04/29/08	1	50
Vinyl chloride	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
Xylenes, Total	U	0.86	3.0	ug/l	8260B	04/29/08	1	4
Surrogate Recovery								
Toluene-d8	102.			% Rec.	8260B	04/29/08	1	
Dibromofluoromethane	104.			% Rec.	8260B	04/29/08	1	
4-Bromofluorobenzene	97.7			% Rec.	8260B	04/29/08	1	

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-25

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-27

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/23/08 10:25

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
Chloride	7300	220	1000	ug/l	9056	04/24/08	1	
Sulfate	U	170	5000	ug/l	9056	04/24/08	1	250000
Alkalinity	55000	2600	10000	ug/l	310.2	04/30/08	1	
Dissolved Solids	81000	3300	10000	ug/l	2540C	04/27/08	1	
Antimony	0.29	0.22	1.0	ug/l	6020	04/25/08	1	6
Arsenic	0.41	0.15	1.0	ug/l	6020	04/25/08	1	10
Beryllium	0.76	0.24	1.0	ug/l	6020	04/25/08	1	1
Cadmium	0.32	0.24	0.50	ug/l	6020	04/25/08	1	1
Copper	3.6	0.45	1.0	ug/l	6020	04/25/08	1	10
Selenium	U	0.43	1.0	ug/l	6020	04/25/08	1	10
Thallium	0.11	0.090	1.0	ug/l	6020	04/25/08	1	5.5
Zinc	28.	3.0	10.	ug/l	6020	04/25/08	1	10
Mercury	0.050	0.044	0.20	ug/l	7470A	04/25/08	1	.2
Barium	280	1.0	5.0	ug/l	6010B	04/25/08	1	100
Chromium	12.	2.3	10.	ug/l	6010B	04/25/08	1	10
Cobalt	7.7	1.1	10.	ug/l	6010B	04/25/08	1	10
Iron	3000	32.	100	ug/l	6010B	04/25/08	1	300
Lead	U	2.4	5.0	ug/l	6010B	04/25/08	1	5
Manganese	320	9.0	10.	ug/l	6010B	04/25/08	1	50
Nickel	12.	9.8	20.	ug/l	6010B	04/25/08	1	50
Silver	U	2.5	10.	ug/l	6010B	04/25/08	1	10
Vanadium	11.	2.9	10.	ug/l	6010B	04/25/08	1	25
Volatile Organics								
Acetone	U	8.9	50.	ug/l	8260B	04/29/08	1	100
Acrylonitrile	U	1.7	10.	ug/l	8260B	04/29/08	1	200
Benzene	0.42	0.29	1.0	ug/l	8260B	04/29/08	1	1
Bromochloromethane	U	0.44	1.0	ug/l	8260B	04/29/08	1	3
Bromodichloromethane	U	0.37	1.0	ug/l	8260B	04/29/08	1	1
Bromoform	U	0.51	1.0	ug/l	8260B	04/29/08	1	3
Bromomethane	U	0.89	5.0	ug/l	8260B	04/29/08	1	10
Carbon disulfide	U	0.32	1.0	ug/l	8260B	04/29/08	1	100
Carbon tetrachloride	U	0.31	1.0	ug/l	8260B	04/29/08	1	1
Chlorobenzene	U	0.26	1.0	ug/l	8260B	04/29/08	1	3
Chlorodibromomethane	U	0.42	1.0	ug/l	8260B	04/29/08	1	1
Chloroethane	U	0.86	5.0	ug/l	8260B	04/29/08	1	10
Chloroform	U	0.33	5.0	ug/l	8260B	04/29/08	1	5

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-25

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-27

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/23/08 10:25

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
Chloromethane	U	0.25	2.5	ug/l	8260B	04/29/08	1	1
Dibromomethane	U	0.28	1.0	ug/l	8260B	04/29/08	1	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l	8260B	04/29/08	1	5
1,4-Dichlorobenzene	U	0.30	1.0	ug/l	8260B	04/29/08	1	1
trans-1,4-Dichloro-2-butene	U	0.85	2.5	ug/l	8260B	04/29/08	1	100
1,1-Dichloroethane	U	0.31	1.0	ug/l	8260B	04/29/08	1	5
1,2-Dichloroethane	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
1,1-Dichloroethene	U	0.50	1.0	ug/l	8260B	04/29/08	1	5
cis-1,2-Dichloroethene	0.42	0.38	1.0	ug/l	8260B	04/29/08	1	5
trans-1,2-Dichloroethene	U	0.30	1.0	ug/l	8260B	04/29/08	1	5
1,2-Dichloropropane	U	0.52	1.0	ug/l	8260B	04/29/08	1	1
cis-1,3-Dichloropropene	U	0.26	1.0	ug/l	8260B	04/29/08	1	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l	8260B	04/29/08	1	1
Ethylbenzene	U	0.22	1.0	ug/l	8260B	04/29/08	1	1
2-Hexanone	U	1.6	10.	ug/l	8260B	04/29/08	1	50
Iodomethane	U	2.6	10.	ug/l	8260B	04/29/08	1	10
2-Butanone (MEK)	U	4.5	10.	ug/l	8260B	04/29/08	1	10
Methylene Chloride	U	0.30	5.0	ug/l	8260B	04/29/08	1	1
4-Methyl-2-pentanone (MIBK)	U	1.4	10.	ug/l	8260B	04/29/08	1	100
Styrene	U	0.38	1.0	ug/l	8260B	04/29/08	1	1
1,1,1,2-Tetrachloroethane	U	0.40	1.0	ug/l	8260B	04/29/08	1	5
1,1,2,2-Tetrachloroethane	U	0.22	1.0	ug/l	8260B	04/29/08	1	1
Tetrachloroethene	U	0.29	1.0	ug/l	8260B	04/29/08	1	1
Toluene	U	0.27	5.0	ug/l	8260B	04/29/08	1	1
1,1,1-Trichloroethane	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
1,1,2-Trichloroethane	U	0.45	1.0	ug/l	8260B	04/29/08	1	5
Trichloroethene	U	0.37	1.0	ug/l	8260B	04/29/08	1	1
Trichlorofluoromethane	U	0.29	5.0	ug/l	8260B	04/29/08	1	1
1,2,3-Trichloropropane	U	0.36	1.0	ug/l	8260B	04/29/08	1	1
Vinyl acetate	U	1.0	10.	ug/l	8260B	04/29/08	1	50
Vinyl chloride	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
Xylenes, Total	U	0.86	3.0	ug/l	8260B	04/29/08	1	4
Surrogate Recovery								
Toluene-d8	102.			% Rec.	8260B	04/29/08	1	
Dibromofluoromethane	104.			% Rec.	8260B	04/29/08	1	
4-Bromofluorobenzene	104.			% Rec.	8260B	04/29/08	1	

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
RDL = Reported Detection Limit = LOQ = PQL = EQL = MQL(TRRP)
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-26

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-28

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/23/08 10:15

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
Chloride	760	220	1000	ug/l	9056	04/24/08	1	
Sulfate	U	170	5000	ug/l	9056	04/24/08	1	250000
Alkalinity	8200	2600	10000	ug/l	310.2	04/30/08	1	
Dissolved Solids	27000	3300	10000	ug/l	2540C	04/27/08	1	
Antimony	0.34	0.22	1.0	ug/l	6020	04/25/08	1	6
Arsenic	U	0.15	1.0	ug/l	6020	04/25/08	1	10
Beryllium	U	1.2	5.0	ug/l	6020	04/25/08	5	1
Cadmium	U	0.24	0.50	ug/l	6020	04/25/08	1	1
Copper	0.89	0.45	1.0	ug/l	6020	04/25/08	1	10
Selenium	U	0.43	1.0	ug/l	6020	04/25/08	1	10
Thallium	U	0.090	1.0	ug/l	6020	04/25/08	1	5.5
Zinc	7.6	3.0	10.	ug/l	6020	04/25/08	1	10
Mercury	U	0.044	0.20	ug/l	7470A	04/25/08	1	.2
Barium	33.	1.0	5.0	ug/l	6010B	04/25/08	1	100
Chromium	U	2.3	10.	ug/l	6010B	04/25/08	1	10
Cobalt	1.5	1.1	10.	ug/l	6010B	04/25/08	1	10
Iron	270	32.	100	ug/l	6010B	04/25/08	1	300
Lead	U	2.4	5.0	ug/l	6010B	04/25/08	1	5
Manganese	19.	9.0	10.	ug/l	6010B	04/25/08	1	50
Nickel	U	9.8	20.	ug/l	6010B	04/25/08	1	50
Silver	U	2.5	10.	ug/l	6010B	04/25/08	1	10
Vanadium	U	2.9	10.	ug/l	6010B	04/25/08	1	25
Volatile Organics								
Acetone	U	8.9	50.	ug/l	8260B	04/29/08	1	100
Acrylonitrile	U	1.7	10.	ug/l	8260B	04/29/08	1	200
Benzene	U	0.29	1.0	ug/l	8260B	04/29/08	1	1
Bromochloromethane	U	0.44	1.0	ug/l	8260B	04/29/08	1	3
Bromodichloromethane	U	0.37	1.0	ug/l	8260B	04/29/08	1	1
Bromoform	U	0.51	1.0	ug/l	8260B	04/29/08	1	3
Bromomethane	U	0.89	5.0	ug/l	8260B	04/29/08	1	10
Carbon disulfide	U	0.32	1.0	ug/l	8260B	04/29/08	1	100
Carbon tetrachloride	U	0.31	1.0	ug/l	8260B	04/29/08	1	1
Chlorobenzene	U	0.26	1.0	ug/l	8260B	04/29/08	1	3
Chlorodibromomethane	U	0.42	1.0	ug/l	8260B	04/29/08	1	1
Chloroethane	U	0.86	5.0	ug/l	8260B	04/29/08	1	10
Chloroform	U	0.33	5.0	ug/l	8260B	04/29/08	1	5

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
RDL = Reported Detection Limit = LOQ = PQL = EQL = MQL(TRRP)
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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-26

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-28

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/23/08 10:15

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
Chloromethane	U	0.25	2.5	ug/l	8260B	04/29/08	1	1
Dibromomethane	U	0.28	1.0	ug/l	8260B	04/29/08	1	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l	8260B	04/29/08	1	5
1,4-Dichlorobenzene	U	0.30	1.0	ug/l	8260B	04/29/08	1	1
trans-1,4-Dichloro-2-butene	U	0.85	2.5	ug/l	8260B	04/29/08	1	100
1,1-Dichloroethane	U	0.31	1.0	ug/l	8260B	04/29/08	1	5
1,2-Dichloroethane	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
1,1-Dichloroethene	U	0.50	1.0	ug/l	8260B	04/29/08	1	5
cis-1,2-Dichloroethene	U	0.38	1.0	ug/l	8260B	04/29/08	1	5
trans-1,2-Dichloroethene	U	0.30	1.0	ug/l	8260B	04/29/08	1	5
1,2-Dichloropropane	U	0.52	1.0	ug/l	8260B	04/29/08	1	1
cis-1,3-Dichloropropene	U	0.26	1.0	ug/l	8260B	04/29/08	1	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l	8260B	04/29/08	1	1
Ethylbenzene	U	0.22	1.0	ug/l	8260B	04/29/08	1	1
2-Hexanone	U	1.6	10.	ug/l	8260B	04/29/08	1	50
Iodomethane	U	2.6	10.	ug/l	8260B	04/29/08	1	10
2-Butanone (MEK)	U	4.5	10.	ug/l	8260B	04/29/08	1	10
Methylene Chloride	U	0.30	5.0	ug/l	8260B	04/29/08	1	1
4-Methyl-2-pentanone (MIBK)	U	1.4	10.	ug/l	8260B	04/29/08	1	100
Styrene	U	0.38	1.0	ug/l	8260B	04/29/08	1	1
1,1,1,2-Tetrachloroethane	U	0.40	1.0	ug/l	8260B	04/29/08	1	5
1,1,2,2-Tetrachloroethane	U	0.22	1.0	ug/l	8260B	04/29/08	1	1
Tetrachloroethene	1.3	0.29	1.0	ug/l	8260B	04/29/08	1	1
Toluene	U	0.27	5.0	ug/l	8260B	04/29/08	1	1
1,1,1-Trichloroethane	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
1,1,2-Trichloroethane	U	0.45	1.0	ug/l	8260B	04/29/08	1	5
Trichloroethene	U	0.37	1.0	ug/l	8260B	04/29/08	1	1
Trichlorofluoromethane	U	0.29	5.0	ug/l	8260B	04/29/08	1	1
1,2,3-Trichloropropane	U	0.36	1.0	ug/l	8260B	04/29/08	1	1
Vinyl acetate	U	1.0	10.	ug/l	8260B	04/29/08	1	50
Vinyl chloride	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
Xylenes, Total	U	0.86	3.0	ug/l	8260B	04/29/08	1	4
Surrogate Recovery								
Toluene-d8	103.			% Rec.	8260B	04/29/08	1	
Dibromofluoromethane	105.			% Rec.	8260B	04/29/08	1	
4-Bromofluorobenzene	98.3			% Rec.	8260B	04/29/08	1	

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-27

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-29

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/22/08 08:35

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
Chloride	2100	220	1000	ug/l	9056	04/24/08	1	
Sulfate	7600	170	5000	ug/l	9056	04/24/08	1	250000
Alkalinity	32000	2600	10000	ug/l	310.2	04/30/08	1	
Dissolved Solids	70000	3300	10000	ug/l	2540C	04/26/08	1	
Antimony	U	0.22	1.0	ug/l	6020	04/25/08	1	6
Arsenic	2.3	0.75	5.0	ug/l	6020	04/25/08	5	10
Beryllium	1.7	0.24	1.0	ug/l	6020	04/25/08	1	1
Cadmium	U	0.24	0.50	ug/l	6020	04/25/08	1	1
Copper	43.	2.2	5.0	ug/l	6020	04/25/08	5	10
Selenium	U	2.2	5.0	ug/l	6020	04/25/08	5	10
Thallium	0.47	0.090	1.0	ug/l	6020	04/25/08	1	5.5
Zinc	48.	15.	50.	ug/l	6020	04/25/08	5	10
Mercury	U	0.044	0.20	ug/l	7470A	04/25/08	1	.2
Barium	64.	1.0	5.0	ug/l	6010B	04/25/08	1	100
Chromium	25.	2.3	10.	ug/l	6010B	04/25/08	1	10
Cobalt	19.	1.1	10.	ug/l	6010B	04/25/08	1	10
Iron	37000	32.	100	ug/l	6010B	04/25/08	1	300
Lead	8.0	2.4	5.0	ug/l	6010B	04/25/08	1	5
Manganese	82.	9.0	10.	ug/l	6010B	04/25/08	1	50
Nickel	26.	9.8	20.	ug/l	6010B	04/25/08	1	50
Silver	4.1	2.5	10.	ug/l	6010B	04/25/08	1	10
Vanadium	34.	2.9	10.	ug/l	6010B	04/25/08	1	25
Volatile Organics								
Acetone	U	8.9	50.	ug/l	8260B	04/29/08	1	100
Acrylonitrile	U	1.7	10.	ug/l	8260B	04/29/08	1	200
Benzene	U	0.29	1.0	ug/l	8260B	04/29/08	1	1
Bromochloromethane	U	0.44	1.0	ug/l	8260B	04/29/08	1	3
Bromodichloromethane	U	0.37	1.0	ug/l	8260B	04/29/08	1	1
Bromoform	U	0.51	1.0	ug/l	8260B	04/29/08	1	3
Bromomethane	U	0.89	5.0	ug/l	8260B	04/29/08	1	10
Carbon disulfide	U	0.32	1.0	ug/l	8260B	04/29/08	1	100
Carbon tetrachloride	U	0.31	1.0	ug/l	8260B	04/29/08	1	1
Chlorobenzene	U	0.26	1.0	ug/l	8260B	04/29/08	1	3
Chlorodibromomethane	U	0.42	1.0	ug/l	8260B	04/29/08	1	1
Chloroethane	U	0.86	5.0	ug/l	8260B	04/29/08	1	10
Chloroform	U	0.33	5.0	ug/l	8260B	04/29/08	1	5

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-27

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-29

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/22/08 08:35

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
Chloromethane	U	0.25	2.5	ug/l	8260B	04/29/08	1	1
Dibromomethane	U	0.28	1.0	ug/l	8260B	04/29/08	1	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l	8260B	04/29/08	1	5
1,4-Dichlorobenzene	U	0.30	1.0	ug/l	8260B	04/29/08	1	1
trans-1,4-Dichloro-2-butene	U	0.85	2.5	ug/l	8260B	04/29/08	1	100
1,1-Dichloroethane	U	0.31	1.0	ug/l	8260B	04/29/08	1	5
1,2-Dichloroethane	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
1,1-Dichloroethene	U	0.50	1.0	ug/l	8260B	04/29/08	1	5
cis-1,2-Dichloroethene	U	0.38	1.0	ug/l	8260B	04/29/08	1	5
trans-1,2-Dichloroethene	U	0.30	1.0	ug/l	8260B	04/29/08	1	5
1,2-Dichloropropane	U	0.52	1.0	ug/l	8260B	04/29/08	1	1
cis-1,3-Dichloropropene	U	0.26	1.0	ug/l	8260B	04/29/08	1	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l	8260B	04/29/08	1	1
Ethylbenzene	U	0.22	1.0	ug/l	8260B	04/29/08	1	1
2-Hexanone	U	1.6	10.	ug/l	8260B	04/29/08	1	50
Iodomethane	U	2.6	10.	ug/l	8260B	04/29/08	1	10
2-Butanone (MEK)	U	4.5	10.	ug/l	8260B	04/29/08	1	10
Methylene Chloride	U	0.30	5.0	ug/l	8260B	04/29/08	1	1
4-Methyl-2-pentanone (MIBK)	U	1.4	10.	ug/l	8260B	04/29/08	1	100
Styrene	U	0.38	1.0	ug/l	8260B	04/29/08	1	1
1,1,1,2-Tetrachloroethane	U	0.40	1.0	ug/l	8260B	04/29/08	1	5
1,1,2,2-Tetrachloroethane	U	0.22	1.0	ug/l	8260B	04/29/08	1	1
Tetrachloroethene	U	0.29	1.0	ug/l	8260B	04/29/08	1	1
Toluene	U	0.27	5.0	ug/l	8260B	04/29/08	1	1
1,1,1-Trichloroethane	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
1,1,2-Trichloroethane	U	0.45	1.0	ug/l	8260B	04/29/08	1	5
Trichloroethene	U	0.37	1.0	ug/l	8260B	04/29/08	1	1
Trichlorofluoromethane	U	0.29	5.0	ug/l	8260B	04/29/08	1	1
1,2,3-Trichloropropane	U	0.36	1.0	ug/l	8260B	04/29/08	1	1
Vinyl acetate	U	1.0	10.	ug/l	8260B	04/29/08	1	50
Vinyl chloride	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
Xylenes, Total	U	0.86	3.0	ug/l	8260B	04/29/08	1	4
Surrogate Recovery								
Toluene-d8	100.			% Rec.	8260B	04/29/08	1	
Dibromofluoromethane	104.			% Rec.	8260B	04/29/08	1	
4-Bromofluorobenzene	99.0			% Rec.	8260B	04/29/08	1	

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-28

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-30

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/22/08 08:50

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
Chloride	970	220	1000	ug/l	9056	04/24/08	1	
Sulfate	2700	170	5000	ug/l	9056	04/24/08	1	250000
Alkalinity	11000	2600	10000	ug/l	310.2	04/30/08	1	
Dissolved Solids	41000	3300	10000	ug/l	2540C	04/26/08	1	
Antimony	U	0.22	1.0	ug/l	6020	04/25/08	1	6
Arsenic	0.37	0.15	1.0	ug/l	6020	04/25/08	1	10
Beryllium	0.49	0.24	1.0	ug/l	6020	04/25/08	1	1
Cadmium	U	0.24	0.50	ug/l	6020	04/25/08	1	1
Copper	6.2	0.45	1.0	ug/l	6020	04/25/08	1	10
Selenium	U	0.43	1.0	ug/l	6020	04/25/08	1	10
Thallium	0.12	0.090	1.0	ug/l	6020	04/25/08	1	5.5
Zinc	28.	3.0	10.	ug/l	6020	04/25/08	1	10
Mercury	U	0.044	0.20	ug/l	7470A	04/25/08	1	.2
Barium	110	1.0	5.0	ug/l	6010B	04/25/08	1	100
Chromium	5.7	2.3	10.	ug/l	6010B	04/25/08	1	10
Cobalt	2.0	1.1	10.	ug/l	6010B	04/25/08	1	10
Iron	5400	32.	100	ug/l	6010B	04/25/08	1	300
Lead	3.2	2.4	5.0	ug/l	6010B	04/25/08	1	5
Manganese	95.	9.0	10.	ug/l	6010B	04/25/08	1	50
Nickel	U	9.8	20.	ug/l	6010B	04/25/08	1	50
Silver	U	2.5	10.	ug/l	6010B	04/25/08	1	10
Vanadium	7.5	2.9	10.	ug/l	6010B	04/25/08	1	25
Volatile Organics								
Acetone	U	8.9	50.	ug/l	8260B	04/29/08	1	100
Acrylonitrile	U	1.7	10.	ug/l	8260B	04/29/08	1	200
Benzene	U	0.29	1.0	ug/l	8260B	04/29/08	1	1
Bromochloromethane	U	0.44	1.0	ug/l	8260B	04/29/08	1	3
Bromodichloromethane	U	0.37	1.0	ug/l	8260B	04/29/08	1	1
Bromoform	U	0.51	1.0	ug/l	8260B	04/29/08	1	3
Bromomethane	U	0.89	5.0	ug/l	8260B	04/29/08	1	10
Carbon disulfide	U	0.32	1.0	ug/l	8260B	04/29/08	1	100
Carbon tetrachloride	U	0.31	1.0	ug/l	8260B	04/29/08	1	1
Chlorobenzene	U	0.26	1.0	ug/l	8260B	04/29/08	1	3
Chlorodibromomethane	U	0.42	1.0	ug/l	8260B	04/29/08	1	1
Chloroethane	U	0.86	5.0	ug/l	8260B	04/29/08	1	10
Chloroform	U	0.33	5.0	ug/l	8260B	04/29/08	1	5

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
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Mt. Juliet, TN 37122
(615) 758-5858
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Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-28

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-30

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/22/08 08:50

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
Chloromethane	U	0.25	2.5	ug/l	8260B	04/29/08	1	1
Dibromomethane	U	0.28	1.0	ug/l	8260B	04/29/08	1	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l	8260B	04/29/08	1	5
1,4-Dichlorobenzene	U	0.30	1.0	ug/l	8260B	04/29/08	1	1
trans-1,4-Dichloro-2-butene	U	0.85	2.5	ug/l	8260B	04/29/08	1	100
1,1-Dichloroethane	U	0.31	1.0	ug/l	8260B	04/29/08	1	5
1,2-Dichloroethane	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
1,1-Dichloroethene	U	0.50	1.0	ug/l	8260B	04/29/08	1	5
cis-1,2-Dichloroethene	U	0.38	1.0	ug/l	8260B	04/29/08	1	5
trans-1,2-Dichloroethene	U	0.30	1.0	ug/l	8260B	04/29/08	1	5
1,2-Dichloropropane	U	0.52	1.0	ug/l	8260B	04/29/08	1	1
cis-1,3-Dichloropropene	U	0.26	1.0	ug/l	8260B	04/29/08	1	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l	8260B	04/29/08	1	1
Ethylbenzene	U	0.22	1.0	ug/l	8260B	04/29/08	1	1
2-Hexanone	U	1.6	10.	ug/l	8260B	04/29/08	1	50
Iodomethane	U	2.6	10.	ug/l	8260B	04/29/08	1	10
2-Butanone (MEK)	U	4.5	10.	ug/l	8260B	04/29/08	1	10
Methylene Chloride	U	0.30	5.0	ug/l	8260B	04/29/08	1	1
4-Methyl-2-pentanone (MIBK)	U	1.4	10.	ug/l	8260B	04/29/08	1	100
Styrene	U	0.38	1.0	ug/l	8260B	04/29/08	1	1
1,1,1,2-Tetrachloroethane	U	0.40	1.0	ug/l	8260B	04/29/08	1	5
1,1,2,2-Tetrachloroethane	U	0.22	1.0	ug/l	8260B	04/29/08	1	1
Tetrachloroethene	U	0.29	1.0	ug/l	8260B	04/29/08	1	1
Toluene	U	0.27	5.0	ug/l	8260B	04/29/08	1	1
1,1,1-Trichloroethane	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
1,1,2-Trichloroethane	U	0.45	1.0	ug/l	8260B	04/29/08	1	5
Trichloroethene	U	0.37	1.0	ug/l	8260B	04/29/08	1	1
Trichlorofluoromethane	U	0.29	5.0	ug/l	8260B	04/29/08	1	1
1,2,3-Trichloropropane	U	0.36	1.0	ug/l	8260B	04/29/08	1	1
Vinyl acetate	U	1.0	10.	ug/l	8260B	04/29/08	1	50
Vinyl chloride	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
Xylenes, Total	U	0.86	3.0	ug/l	8260B	04/29/08	1	4
Surrogate Recovery								
Toluene-d8	102.			% Rec.	8260B	04/29/08	1	
Dibromofluoromethane	104.			% Rec.	8260B	04/29/08	1	
4-Bromofluorobenzene	103.			% Rec.	8260B	04/29/08	1	

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
RDL = Reported Detection Limit = LOQ = PQL = EQL = MQL(TRRP)
Note:
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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-29

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-31

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/22/08 09:00

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
Chloride	1300	220	1000	ug/l	9056	04/24/08	1	
Sulfate	6100	170	5000	ug/l	9056	04/24/08	1	250000
Alkalinity	7000	2600	10000	ug/l	310.2	04/30/08	1	
Dissolved Solids	27000	3300	10000	ug/l	2540C	04/26/08	1	
Antimony	0.25	0.22	1.0	ug/l	6020	04/25/08	1	6
Arsenic	0.17	0.15	1.0	ug/l	6020	04/25/08	1	10
Beryllium	U	0.24	1.0	ug/l	6020	04/25/08	1	1
Cadmium	U	0.24	0.50	ug/l	6020	04/25/08	1	1
Copper	1.3	0.45	1.0	ug/l	6020	04/25/08	1	10
Selenium	U	0.43	1.0	ug/l	6020	04/25/08	1	10
Thallium	U	0.090	1.0	ug/l	6020	04/25/08	1	5.5
Zinc	5.5	3.0	10.	ug/l	6020	04/25/08	1	10
Mercury	U	0.044	0.20	ug/l	7470A	04/25/08	1	.2
Barium	8.5	1.0	5.0	ug/l	6010B	04/25/08	1	100
Chromium	U	2.3	10.	ug/l	6010B	04/25/08	1	10
Cobalt	U	1.1	10.	ug/l	6010B	04/25/08	1	10
Iron	4200	32.	100	ug/l	6010B	04/25/08	1	300
Lead	U	2.4	5.0	ug/l	6010B	04/25/08	1	5
Manganese	25.	9.0	10.	ug/l	6010B	04/25/08	1	50
Nickel	U	9.8	20.	ug/l	6010B	04/25/08	1	50
Silver	U	2.5	10.	ug/l	6010B	04/25/08	1	10
Vanadium	U	2.9	10.	ug/l	6010B	04/25/08	1	25
Volatile Organics								
Acetone	U	8.9	50.	ug/l	8260B	04/29/08	1	100
Acrylonitrile	U	1.7	10.	ug/l	8260B	04/29/08	1	200
Benzene	U	0.29	1.0	ug/l	8260B	04/29/08	1	1
Bromochloromethane	U	0.44	1.0	ug/l	8260B	04/29/08	1	3
Bromodichloromethane	U	0.37	1.0	ug/l	8260B	04/29/08	1	1
Bromoform	U	0.51	1.0	ug/l	8260B	04/29/08	1	3
Bromomethane	U	0.89	5.0	ug/l	8260B	04/29/08	1	10
Carbon disulfide	U	0.32	1.0	ug/l	8260B	04/29/08	1	100
Carbon tetrachloride	U	0.31	1.0	ug/l	8260B	04/29/08	1	1
Chlorobenzene	U	0.26	1.0	ug/l	8260B	04/29/08	1	3
Chlorodibromomethane	U	0.42	1.0	ug/l	8260B	04/29/08	1	1
Chloroethane	U	0.86	5.0	ug/l	8260B	04/29/08	1	10
Chloroform	U	0.33	5.0	ug/l	8260B	04/29/08	1	5

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-29

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 MW-31

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/22/08 09:00

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
Chloromethane	U	0.25	2.5	ug/l	8260B	04/29/08	1	1
Dibromomethane	U	0.28	1.0	ug/l	8260B	04/29/08	1	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l	8260B	04/29/08	1	5
1,4-Dichlorobenzene	U	0.30	1.0	ug/l	8260B	04/29/08	1	1
trans-1,4-Dichloro-2-butene	U	0.85	2.5	ug/l	8260B	04/29/08	1	100
1,1-Dichloroethane	U	0.31	1.0	ug/l	8260B	04/29/08	1	5
1,2-Dichloroethane	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
1,1-Dichloroethene	U	0.50	1.0	ug/l	8260B	04/29/08	1	5
cis-1,2-Dichloroethene	U	0.38	1.0	ug/l	8260B	04/29/08	1	5
trans-1,2-Dichloroethene	U	0.30	1.0	ug/l	8260B	04/29/08	1	5
1,2-Dichloropropane	U	0.52	1.0	ug/l	8260B	04/29/08	1	1
cis-1,3-Dichloropropene	U	0.26	1.0	ug/l	8260B	04/29/08	1	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l	8260B	04/29/08	1	1
Ethylbenzene	U	0.22	1.0	ug/l	8260B	04/29/08	1	1
2-Hexanone	U	1.6	10.	ug/l	8260B	04/29/08	1	50
Iodomethane	U	2.6	10.	ug/l	8260B	04/29/08	1	10
2-Butanone (MEK)	U	4.5	10.	ug/l	8260B	04/29/08	1	10
Methylene Chloride	U	0.30	5.0	ug/l	8260B	04/29/08	1	1
4-Methyl-2-pentanone (MIBK)	U	1.4	10.	ug/l	8260B	04/29/08	1	100
Styrene	U	0.38	1.0	ug/l	8260B	04/29/08	1	1
1,1,1,2-Tetrachloroethane	U	0.40	1.0	ug/l	8260B	04/29/08	1	5
1,1,2,2-Tetrachloroethane	U	0.22	1.0	ug/l	8260B	04/29/08	1	1
Tetrachloroethene	U	0.29	1.0	ug/l	8260B	04/29/08	1	1
Toluene	U	0.27	5.0	ug/l	8260B	04/29/08	1	1
1,1,1-Trichloroethane	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
1,1,2-Trichloroethane	U	0.45	1.0	ug/l	8260B	04/29/08	1	5
Trichloroethene	U	0.37	1.0	ug/l	8260B	04/29/08	1	1
Trichlorofluoromethane	U	0.29	5.0	ug/l	8260B	04/29/08	1	1
1,2,3-Trichloropropane	U	0.36	1.0	ug/l	8260B	04/29/08	1	1
Vinyl acetate	U	1.0	10.	ug/l	8260B	04/29/08	1	50
Vinyl chloride	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
Xylenes, Total	U	0.86	3.0	ug/l	8260B	04/29/08	1	4
Surrogate Recovery								
Toluene-d8	98.0			% Rec.	8260B	04/29/08	1	
Dibromofluoromethane	105.			% Rec.	8260B	04/29/08	1	
4-Bromofluorobenzene	102.			% Rec.	8260B	04/29/08	1	

U = ND (Not Detected)
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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-30

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 LIFT STATION

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/23/08 09:20

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
Sulfate	2000	170	5000	ug/l	300.0	04/24/08	1	250000
BOD	48000	1700	5000	ug/l	SM5210B	04/24/08	1	
COD	430000	2700	20000	ug/l	410.4	05/01/08	1	
Nitrate-Nitrite	U	17.	100	ug/l	353.2	04/25/08	1	11000
Phosphorus,Total	480	20.	100	ug/l	365.1	04/28/08	1	
Suspended Solids	90000	330	1000	ug/l	2540D	04/26/08	1	
Antimony	0.77	0.22	1.0	ug/l	6020	04/25/08	1	6
Arsenic	29.	0.15	1.0	ug/l	6020	04/25/08	1	10
Beryllium	U	0.24	1.0	ug/l	6020	04/25/08	1	1
Cadmium	U	0.24	0.50	ug/l	6020	04/25/08	1	1
Copper	1.0	0.45	1.0	ug/l	6020	04/25/08	1	10
Selenium	8.8	0.43	1.0	ug/l	6020	04/25/08	1	10
Thallium	U	0.090	1.0	ug/l	6020	04/25/08	1	5.5
Zinc	34.	3.0	10.	ug/l	6020	04/25/08	1	10
Mercury	U	0.044	0.20	ug/l	7470A	04/25/08	1	.2
Barium	380	1.0	5.0	ug/l	6010B	04/25/08	1	100
Chromium	6.2	2.3	10.	ug/l	6010B	04/25/08	1	10
Cobalt	13.	1.1	10.	ug/l	6010B	04/25/08	1	10
Lead	U	2.4	5.0	ug/l	6010B	04/25/08	1	5
Nickel	30.	9.8	20.	ug/l	6010B	04/25/08	1	50
Silver	U	2.5	10.	ug/l	6010B	04/25/08	1	10
Vanadium	U	2.9	10.	ug/l	6010B	04/25/08	1	25
Volatile Organics								
Acetone	27.	8.9	50.	ug/l	8260B	04/29/08	1	100
Acrylonitrile	U	1.7	10.	ug/l	8260B	04/29/08	1	200
Benzene	U	0.29	1.0	ug/l	8260B	04/29/08	1	1
Bromochloromethane	U	0.44	1.0	ug/l	8260B	04/29/08	1	3
Bromodichloromethane	U	0.37	1.0	ug/l	8260B	04/29/08	1	1
Bromoform	U	0.51	1.0	ug/l	8260B	04/29/08	1	3
Bromomethane	U	0.89	5.0	ug/l	8260B	04/29/08	1	10
Carbon disulfide	U	0.32	1.0	ug/l	8260B	04/29/08	1	100
Carbon tetrachloride	U	0.31	1.0	ug/l	8260B	04/29/08	1	1
Chlorobenzene	U	0.26	1.0	ug/l	8260B	04/29/08	1	3

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
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May 06, 2008

ESC Sample # : L342345-30

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 LIFT STATION

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/23/08 09:20

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
Chlorodibromomethane	U	0.42	1.0	ug/l	8260B	04/29/08	1	1
Chloroethane	U	0.86	5.0	ug/l	8260B	04/29/08	1	10
Chloroform	U	0.33	5.0	ug/l	8260B	04/29/08	1	5
Chloromethane	U	0.25	2.5	ug/l	8260B	04/29/08	1	1
Dibromomethane	U	0.28	1.0	ug/l	8260B	04/29/08	1	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l	8260B	04/29/08	1	5
1,4-Dichlorobenzene	1.6	0.30	1.0	ug/l	8260B	04/29/08	1	1
trans-1,4-Dichloro-2-butene	U	0.85	2.5	ug/l	8260B	04/29/08	1	100
1,1-Dichloroethane	0.91	0.31	1.0	ug/l	8260B	04/29/08	1	5
1,2-Dichloroethane	2.7	0.27	1.0	ug/l	8260B	04/29/08	1	1
1,1-Dichloroethene	U	0.50	1.0	ug/l	8260B	04/29/08	1	5
cis-1,2-Dichloroethene	1.2	0.38	1.0	ug/l	8260B	04/29/08	1	5
trans-1,2-Dichloroethene	U	0.30	1.0	ug/l	8260B	04/29/08	1	5
1,2-Dichloropropane	U	0.52	1.0	ug/l	8260B	04/29/08	1	1
cis-1,3-Dichloropropene	U	0.26	1.0	ug/l	8260B	04/29/08	1	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l	8260B	04/29/08	1	1
Ethylbenzene	U	0.22	1.0	ug/l	8260B	04/29/08	1	1
2-Hexanone	U	1.6	10.	ug/l	8260B	04/29/08	1	50
Iodomethane	U	2.6	10.	ug/l	8260B	04/29/08	1	10
2-Butanone (MEK)	U	4.5	10.	ug/l	8260B	04/29/08	1	10
Methylene Chloride	U	0.30	5.0	ug/l	8260B	04/29/08	1	1
4-Methyl-2-pentanone (MIBK)	3.4	1.4	10.	ug/l	8260B	04/29/08	1	100
Styrene	U	0.38	1.0	ug/l	8260B	04/29/08	1	1
1,1,1,2-Tetrachloroethane	U	0.40	1.0	ug/l	8260B	04/29/08	1	5
1,1,2,2-Tetrachloroethane	U	0.22	1.0	ug/l	8260B	04/29/08	1	1
Tetrachloroethene	U	0.29	1.0	ug/l	8260B	04/29/08	1	1
Toluene	U	0.27	5.0	ug/l	8260B	04/29/08	1	1
1,1,1-Trichloroethane	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
1,1,2-Trichloroethane	U	0.45	1.0	ug/l	8260B	04/29/08	1	5
Trichloroethene	U	0.37	1.0	ug/l	8260B	04/29/08	1	1
Trichlorofluoromethane	U	0.29	5.0	ug/l	8260B	04/29/08	1	1
1,2,3-Trichloropropane	U	0.36	1.0	ug/l	8260B	04/29/08	1	1
Vinyl acetate	U	1.0	10.	ug/l	8260B	04/29/08	1	50
Vinyl chloride	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
Xylenes, Total	U	0.86	3.0	ug/l	8260B	04/29/08	1	4
Surrogate Recovery								
Toluene-d8	102.			% Rec.	8260B	04/29/08	1	
Dibromofluoromethane	104.			% Rec.	8260B	04/29/08	1	
4-Bromofluorobenzene	103.			% Rec.	8260B	04/29/08	1	

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
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Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-31

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : LIFT STN TRIP BLANK

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/23/08 09:20

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
Volatile Organics								
Acetone	14.	8.9	50.	ug/l	8260B	04/29/08	1	100
Acrylonitrile	U	1.7	10.	ug/l	8260B	04/29/08	1	200
Benzene	U	0.29	1.0	ug/l	8260B	04/29/08	1	1
Bromochloromethane	U	0.44	1.0	ug/l	8260B	04/29/08	1	3
Bromodichloromethane	U	0.37	1.0	ug/l	8260B	04/29/08	1	1
Bromoform	U	0.51	1.0	ug/l	8260B	04/29/08	1	3
Bromomethane	U	0.89	5.0	ug/l	8260B	04/29/08	1	10
Carbon disulfide	U	0.32	1.0	ug/l	8260B	04/29/08	1	100
Carbon tetrachloride	U	0.31	1.0	ug/l	8260B	04/29/08	1	1
Chlorobenzene	U	0.26	1.0	ug/l	8260B	04/29/08	1	3
Chlorodibromomethane	U	0.42	1.0	ug/l	8260B	04/29/08	1	1
Chloroethane	U	0.86	5.0	ug/l	8260B	04/29/08	1	10
Chloroform	U	0.33	5.0	ug/l	8260B	04/29/08	1	5
Chloromethane	U	0.25	2.5	ug/l	8260B	04/29/08	1	1
Dibromomethane	U	0.28	1.0	ug/l	8260B	04/29/08	1	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l	8260B	04/29/08	1	5
1,4-Dichlorobenzene	U	0.30	1.0	ug/l	8260B	04/29/08	1	1
trans-1,4-Dichloro-2-butene	U	0.85	2.5	ug/l	8260B	04/29/08	1	100
1,1-Dichloroethane	U	0.31	1.0	ug/l	8260B	04/29/08	1	5
1,2-Dichloroethane	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
1,1-Dichloroethene	U	0.50	1.0	ug/l	8260B	04/29/08	1	5
cis-1,2-Dichloroethene	U	0.38	1.0	ug/l	8260B	04/29/08	1	5
trans-1,2-Dichloroethene	U	0.30	1.0	ug/l	8260B	04/29/08	1	5
1,2-Dichloropropane	U	0.52	1.0	ug/l	8260B	04/29/08	1	1
cis-1,3-Dichloropropene	U	0.26	1.0	ug/l	8260B	04/29/08	1	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l	8260B	04/29/08	1	1
Ethylbenzene	U	0.22	1.0	ug/l	8260B	04/29/08	1	1
2-Hexanone	U	1.6	10.	ug/l	8260B	04/29/08	1	50
Iodomethane	U	2.6	10.	ug/l	8260B	04/29/08	1	10
2-Butanone (MEK)	U	4.5	10.	ug/l	8260B	04/29/08	1	10
Methylene Chloride	U	0.30	5.0	ug/l	8260B	04/29/08	1	1
4-Methyl-2-pentanone (MIBK)	U	1.4	10.	ug/l	8260B	04/29/08	1	100
Styrene	U	0.38	1.0	ug/l	8260B	04/29/08	1	1
1,1,1,2-Tetrachloroethane	U	0.40	1.0	ug/l	8260B	04/29/08	1	5
1,1,2,2-Tetrachloroethane	U	0.22	1.0	ug/l	8260B	04/29/08	1	1
Tetrachloroethene	U	0.29	1.0	ug/l	8260B	04/29/08	1	1
Toluene	U	0.27	5.0	ug/l	8260B	04/29/08	1	1
1,1,1-Trichloroethane	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
1,1,2-Trichloroethane	U	0.45	1.0	ug/l	8260B	04/29/08	1	5
Trichloroethene	U	0.37	1.0	ug/l	8260B	04/29/08	1	1
Trichlorofluoromethane	U	0.29	5.0	ug/l	8260B	04/29/08	1	1

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
RDL = Reported Detection Limit = LOQ = PQL = EQL = MQL(TRRP)
Note:
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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

REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-31

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : LIFT STN TRIP BLANK

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/23/08 09:20

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
1,2,3-Trichloropropane	U	0.36	1.0	ug/l	8260B	04/29/08	1	1
Vinyl acetate	U	1.0	10.	ug/l	8260B	04/29/08	1	50
Vinyl chloride	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
Xylenes, Total	U	0.86	3.0	ug/l	8260B	04/29/08	1	4
Surrogate Recovery								
Toluene-d8	102.			% Rec.	8260B	04/29/08	1	
Dibromofluoromethane	101.			% Rec.	8260B	04/29/08	1	
4-Bromofluorobenzene	99.1			% Rec.	8260B	04/29/08	1	

U = ND (Not Detected)
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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-32

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 SW-1

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/22/08 10:45

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
Antimony	U	0.22	1.0	ug/l	6020	04/25/08	1	6
Arsenic	1.2	0.15	1.0	ug/l	6020	04/25/08	1	10
Beryllium	U	0.24	1.0	ug/l	6020	04/25/08	1	1
Cadmium	U	0.24	0.50	ug/l	6020	04/25/08	1	1
Copper	1.3	0.45	1.0	ug/l	6020	04/25/08	1	10
Selenium	U	0.43	1.0	ug/l	6020	04/25/08	1	10
Thallium	U	0.090	1.0	ug/l	6020	04/25/08	1	5.5
Zinc	14.	3.0	10.	ug/l	6020	04/25/08	1	10
Mercury	U	0.044	0.20	ug/l	7470A	04/25/08	1	.2
Barium	41.	1.0	5.0	ug/l	6010B	04/25/08	1	100
Chromium	U	2.3	10.	ug/l	6010B	04/25/08	1	10
Cobalt	U	1.1	10.	ug/l	6010B	04/25/08	1	10
Iron	690	32.	100	ug/l	6010B	04/25/08	1	300
Lead	U	2.4	5.0	ug/l	6010B	04/25/08	1	5
Manganese	100	9.0	10.	ug/l	6010B	04/25/08	1	50
Nickel	U	9.8	20.	ug/l	6010B	04/25/08	1	50
Silver	U	2.5	10.	ug/l	6010B	04/25/08	1	10
Vanadium	U	2.9	10.	ug/l	6010B	04/25/08	1	25
Volatile Organics								
Acetone	U	8.9	50.	ug/l	8260B	04/29/08	1	100
Acrylonitrile	U	1.7	10.	ug/l	8260B	04/29/08	1	200
Benzene	U	0.29	1.0	ug/l	8260B	04/29/08	1	1
Bromochloromethane	U	0.44	1.0	ug/l	8260B	04/29/08	1	3
Bromodichloromethane	U	0.37	1.0	ug/l	8260B	04/29/08	1	1
Bromoform	U	0.51	1.0	ug/l	8260B	04/29/08	1	3
Bromomethane	U	0.89	5.0	ug/l	8260B	04/29/08	1	10
Carbon disulfide	U	0.32	1.0	ug/l	8260B	04/29/08	1	100
Carbon tetrachloride	U	0.31	1.0	ug/l	8260B	04/29/08	1	1
Chlorobenzene	U	0.26	1.0	ug/l	8260B	04/29/08	1	3
Chlorodibromomethane	U	0.42	1.0	ug/l	8260B	04/29/08	1	1
Chloroethane	U	0.86	5.0	ug/l	8260B	04/29/08	1	10
Chloroform	U	0.33	5.0	ug/l	8260B	04/29/08	1	5
Chloromethane	U	0.25	2.5	ug/l	8260B	04/29/08	1	1
Dibromomethane	U	0.28	1.0	ug/l	8260B	04/29/08	1	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l	8260B	04/29/08	1	5
1,4-Dichlorobenzene	U	0.30	1.0	ug/l	8260B	04/29/08	1	1
trans-1,4-Dichloro-2-butene	U	0.85	2.5	ug/l	8260B	04/29/08	1	100
1,1-Dichloroethane	U	0.31	1.0	ug/l	8260B	04/29/08	1	5
1,2-Dichloroethane	U	0.27	1.0	ug/l	8260B	04/29/08	1	1

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-32

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 SW-1

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/22/08 10:45

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
1,1-Dichloroethene	U	0.50	1.0	ug/l	8260B	04/29/08	1	5
cis-1,2-Dichloroethene	U	0.38	1.0	ug/l	8260B	04/29/08	1	5
trans-1,2-Dichloroethene	U	0.30	1.0	ug/l	8260B	04/29/08	1	5
1,2-Dichloropropane	U	0.52	1.0	ug/l	8260B	04/29/08	1	1
cis-1,3-Dichloropropene	U	0.26	1.0	ug/l	8260B	04/29/08	1	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l	8260B	04/29/08	1	1
Ethylbenzene	U	0.22	1.0	ug/l	8260B	04/29/08	1	1
2-Hexanone	U	1.6	10.	ug/l	8260B	04/29/08	1	50
Iodomethane	U	2.6	10.	ug/l	8260B	04/29/08	1	10
2-Butanone (MEK)	U	4.5	10.	ug/l	8260B	04/29/08	1	10
Methylene Chloride	U	0.30	5.0	ug/l	8260B	04/29/08	1	1
4-Methyl-2-pentanone (MIBK)	U	1.4	10.	ug/l	8260B	04/29/08	1	100
Styrene	U	0.38	1.0	ug/l	8260B	04/29/08	1	1
1,1,1,2-Tetrachloroethane	U	0.40	1.0	ug/l	8260B	04/29/08	1	5
1,1,2,2-Tetrachloroethane	U	0.22	1.0	ug/l	8260B	04/29/08	1	1
Tetrachloroethene	U	0.29	1.0	ug/l	8260B	04/29/08	1	1
Toluene	U	0.27	5.0	ug/l	8260B	04/29/08	1	1
1,1,1-Trichloroethane	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
1,1,2-Trichloroethane	U	0.45	1.0	ug/l	8260B	04/29/08	1	5
Trichloroethene	U	0.37	1.0	ug/l	8260B	04/29/08	1	1
Trichlorofluoromethane	U	0.29	5.0	ug/l	8260B	04/29/08	1	1
1,2,3-Trichloropropane	U	0.36	1.0	ug/l	8260B	04/29/08	1	1
Vinyl acetate	U	1.0	10.	ug/l	8260B	04/29/08	1	50
Vinyl chloride	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
Xylenes, Total	U	0.86	3.0	ug/l	8260B	04/29/08	1	4
Surrogate Recovery								
Toluene-d8	101.			% Rec.	8260B	04/29/08	1	
Dibromofluoromethane	104.			% Rec.	8260B	04/29/08	1	
4-Bromofluorobenzene	103.			% Rec.	8260B	04/29/08	1	

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
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S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-33

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 SW-2

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/22/08 09:50

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
Antimony	U	0.22	1.0	ug/l	6020	04/25/08	1	6
Arsenic	0.26	0.15	1.0	ug/l	6020	04/25/08	1	10
Beryllium	U	0.24	1.0	ug/l	6020	04/25/08	1	1
Cadmium	U	0.24	0.50	ug/l	6020	04/25/08	1	1
Copper	0.84	0.45	1.0	ug/l	6020	04/25/08	1	10
Selenium	U	0.43	1.0	ug/l	6020	04/25/08	1	10
Thallium	U	0.090	1.0	ug/l	6020	04/25/08	1	5.5
Zinc	5.1	3.0	10.	ug/l	6020	04/25/08	1	10
Mercury	U	0.044	0.20	ug/l	7470A	04/25/08	1	.2
Barium	24.	1.0	5.0	ug/l	6010B	04/25/08	1	100
Chromium	U	2.3	10.	ug/l	6010B	04/25/08	1	10
Cobalt	U	1.1	10.	ug/l	6010B	04/25/08	1	10
Iron	520	32.	100	ug/l	6010B	04/25/08	1	300
Lead	U	2.4	5.0	ug/l	6010B	04/25/08	1	5
Manganese	78.	9.0	10.	ug/l	6010B	04/25/08	1	50
Nickel	U	9.8	20.	ug/l	6010B	04/25/08	1	50
Silver	U	2.5	10.	ug/l	6010B	04/25/08	1	10
Vanadium	U	2.9	10.	ug/l	6010B	04/25/08	1	25
Volatile Organics								
Acetone	U	8.9	50.	ug/l	8260B	04/29/08	1	100
Acrylonitrile	U	1.7	10.	ug/l	8260B	04/29/08	1	200
Benzene	U	0.29	1.0	ug/l	8260B	04/29/08	1	1
Bromochloromethane	U	0.44	1.0	ug/l	8260B	04/29/08	1	3
Bromodichloromethane	U	0.37	1.0	ug/l	8260B	04/29/08	1	1
Bromoform	U	0.51	1.0	ug/l	8260B	04/29/08	1	3
Bromomethane	U	0.89	5.0	ug/l	8260B	04/29/08	1	10
Carbon disulfide	U	0.32	1.0	ug/l	8260B	04/29/08	1	100
Carbon tetrachloride	U	0.31	1.0	ug/l	8260B	04/29/08	1	1
Chlorobenzene	U	0.26	1.0	ug/l	8260B	04/29/08	1	3
Chlorodibromomethane	U	0.42	1.0	ug/l	8260B	04/29/08	1	1
Chloroethane	U	0.86	5.0	ug/l	8260B	04/29/08	1	10
Chloroform	U	0.33	5.0	ug/l	8260B	04/29/08	1	5
Chloromethane	U	0.25	2.5	ug/l	8260B	04/29/08	1	1
Dibromomethane	U	0.28	1.0	ug/l	8260B	04/29/08	1	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l	8260B	04/29/08	1	5
1,4-Dichlorobenzene	U	0.30	1.0	ug/l	8260B	04/29/08	1	1
trans-1,4-Dichloro-2-butene	U	0.85	2.5	ug/l	8260B	04/29/08	1	100
1,1-Dichloroethane	U	0.31	1.0	ug/l	8260B	04/29/08	1	5
1,2-Dichloroethane	U	0.27	1.0	ug/l	8260B	04/29/08	1	1

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
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May 06, 2008

ESC Sample # : L342345-33

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 SW-2

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/22/08 09:50

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
1,1-Dichloroethene	U	0.50	1.0	ug/l	8260B	04/29/08	1	5
cis-1,2-Dichloroethene	U	0.38	1.0	ug/l	8260B	04/29/08	1	5
trans-1,2-Dichloroethene	U	0.30	1.0	ug/l	8260B	04/29/08	1	5
1,2-Dichloropropane	U	0.52	1.0	ug/l	8260B	04/29/08	1	1
cis-1,3-Dichloropropene	U	0.26	1.0	ug/l	8260B	04/29/08	1	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l	8260B	04/29/08	1	1
Ethylbenzene	U	0.22	1.0	ug/l	8260B	04/29/08	1	1
2-Hexanone	U	1.6	10.	ug/l	8260B	04/29/08	1	50
Iodomethane	U	2.6	10.	ug/l	8260B	04/29/08	1	10
2-Butanone (MEK)	U	4.5	10.	ug/l	8260B	04/29/08	1	10
Methylene Chloride	U	0.30	5.0	ug/l	8260B	04/29/08	1	1
4-Methyl-2-pentanone (MIBK)	U	1.4	10.	ug/l	8260B	04/29/08	1	100
Styrene	U	0.38	1.0	ug/l	8260B	04/29/08	1	1
1,1,1,2-Tetrachloroethane	U	0.40	1.0	ug/l	8260B	04/29/08	1	5
1,1,2,2-Tetrachloroethane	U	0.22	1.0	ug/l	8260B	04/29/08	1	1
Tetrachloroethene	U	0.29	1.0	ug/l	8260B	04/29/08	1	1
Toluene	U	0.27	5.0	ug/l	8260B	04/29/08	1	1
1,1,1-Trichloroethane	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
1,1,2-Trichloroethane	U	0.45	1.0	ug/l	8260B	04/29/08	1	5
Trichloroethene	U	0.37	1.0	ug/l	8260B	04/29/08	1	1
Trichlorofluoromethane	U	0.29	5.0	ug/l	8260B	04/29/08	1	1
1,2,3-Trichloropropane	U	0.36	1.0	ug/l	8260B	04/29/08	1	1
Vinyl acetate	U	1.0	10.	ug/l	8260B	04/29/08	1	50
Vinyl chloride	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
Xylenes, Total	U	0.86	3.0	ug/l	8260B	04/29/08	1	4
Surrogate Recovery								
Toluene-d8	103.			% Rec.	8260B	04/29/08	1	
Dibromofluoromethane	105.			% Rec.	8260B	04/29/08	1	
4-Bromofluorobenzene	102.			% Rec.	8260B	04/29/08	1	

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
RDL = Reported Detection Limit = LOQ = PQL = EQL = MQL(TRRP)
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-34

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 SW-3

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/22/08 10:00

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
Antimony	U	0.22	1.0	ug/l	6020	04/25/08	1	6
Arsenic	0.97	0.15	1.0	ug/l	6020	04/25/08	1	10
Beryllium	0.86	0.24	1.0	ug/l	6020	04/25/08	1	1
Cadmium	U	0.24	0.50	ug/l	6020	04/25/08	1	1
Copper	12.	0.45	1.0	ug/l	6020	04/25/08	1	10
Selenium	U	0.43	1.0	ug/l	6020	04/28/08	1	10
Thallium	0.16	0.090	1.0	ug/l	6020	04/25/08	1	5.5
Zinc	33.	3.0	10.	ug/l	6020	04/25/08	1	10
Mercury	U	0.044	0.20	ug/l	7470A	04/25/08	1	.2
Barium	160	1.0	5.0	ug/l	6010B	04/25/08	1	100
Chromium	25.	2.3	10.	ug/l	6010B	04/25/08	1	10
Cobalt	6.7	1.1	10.	ug/l	6010B	04/25/08	1	10
Iron	5100	32.	100	ug/l	6010B	04/25/08	1	300
Lead	8.3	2.4	5.0	ug/l	6010B	04/25/08	1	5
Manganese	330	9.0	10.	ug/l	6010B	04/25/08	1	50
Nickel	10.	9.8	20.	ug/l	6010B	04/25/08	1	50
Silver	U	2.5	10.	ug/l	6010B	04/25/08	1	10
Vanadium	25.	2.9	10.	ug/l	6010B	04/25/08	1	25
Volatile Organics								
Acetone	U	8.9	50.	ug/l	8260B	04/29/08	1	100
Acrylonitrile	U	1.7	10.	ug/l	8260B	04/29/08	1	200
Benzene	U	0.29	1.0	ug/l	8260B	04/29/08	1	1
Bromochloromethane	U	0.44	1.0	ug/l	8260B	04/29/08	1	3
Bromodichloromethane	U	0.37	1.0	ug/l	8260B	04/29/08	1	1
Bromoform	U	0.51	1.0	ug/l	8260B	04/29/08	1	3
Bromomethane	U	0.89	5.0	ug/l	8260B	04/29/08	1	10
Carbon disulfide	U	0.32	1.0	ug/l	8260B	04/29/08	1	100
Carbon tetrachloride	U	0.31	1.0	ug/l	8260B	04/29/08	1	1
Chlorobenzene	U	0.26	1.0	ug/l	8260B	04/29/08	1	3
Chlorodibromomethane	U	0.42	1.0	ug/l	8260B	04/29/08	1	1
Chloroethane	U	0.86	5.0	ug/l	8260B	04/29/08	1	10
Chloroform	U	0.33	5.0	ug/l	8260B	04/29/08	1	5
Chloromethane	U	0.25	2.5	ug/l	8260B	04/29/08	1	1
Dibromomethane	U	0.28	1.0	ug/l	8260B	04/29/08	1	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l	8260B	04/29/08	1	5
1,4-Dichlorobenzene	U	0.30	1.0	ug/l	8260B	04/29/08	1	1
trans-1,4-Dichloro-2-butene	U	0.85	2.5	ug/l	8260B	04/29/08	1	100
1,1-Dichloroethane	U	0.31	1.0	ug/l	8260B	04/29/08	1	5
1,2-Dichloroethane	U	0.27	1.0	ug/l	8260B	04/29/08	1	1

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-34

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 SW-3

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/22/08 10:00

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
1,1-Dichloroethene	U	0.50	1.0	ug/l	8260B	04/29/08	1	5
cis-1,2-Dichloroethene	U	0.38	1.0	ug/l	8260B	04/29/08	1	5
trans-1,2-Dichloroethene	U	0.30	1.0	ug/l	8260B	04/29/08	1	5
1,2-Dichloropropane	U	0.52	1.0	ug/l	8260B	04/29/08	1	1
cis-1,3-Dichloropropene	U	0.26	1.0	ug/l	8260B	04/29/08	1	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l	8260B	04/29/08	1	1
Ethylbenzene	U	0.22	1.0	ug/l	8260B	04/29/08	1	1
2-Hexanone	U	1.6	10.	ug/l	8260B	04/29/08	1	50
Iodomethane	U	2.6	10.	ug/l	8260B	04/29/08	1	10
2-Butanone (MEK)	U	4.5	10.	ug/l	8260B	04/29/08	1	10
Methylene Chloride	U	0.30	5.0	ug/l	8260B	04/29/08	1	1
4-Methyl-2-pentanone (MIBK)	U	1.4	10.	ug/l	8260B	04/29/08	1	100
Styrene	U	0.38	1.0	ug/l	8260B	04/29/08	1	1
1,1,1,2-Tetrachloroethane	U	0.40	1.0	ug/l	8260B	04/29/08	1	5
1,1,2,2-Tetrachloroethane	U	0.22	1.0	ug/l	8260B	04/29/08	1	1
Tetrachloroethene	U	0.29	1.0	ug/l	8260B	04/29/08	1	1
Toluene	U	0.27	5.0	ug/l	8260B	04/29/08	1	1
1,1,1-Trichloroethane	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
1,1,2-Trichloroethane	U	0.45	1.0	ug/l	8260B	04/29/08	1	5
Trichloroethene	U	0.37	1.0	ug/l	8260B	04/29/08	1	1
Trichlorofluoromethane	U	0.29	5.0	ug/l	8260B	04/29/08	1	1
1,2,3-Trichloropropane	U	0.36	1.0	ug/l	8260B	04/29/08	1	1
Vinyl acetate	U	1.0	10.	ug/l	8260B	04/29/08	1	50
Vinyl chloride	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
Xylenes, Total	U	0.86	3.0	ug/l	8260B	04/29/08	1	4
Surrogate Recovery								
Toluene-d8	101.			% Rec.	8260B	04/29/08	1	
Dibromofluoromethane	104.			% Rec.	8260B	04/29/08	1	
4-Bromofluorobenzene	101.			% Rec.	8260B	04/29/08	1	

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-35

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 SW-4

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/22/08 11:20

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
Antimony	U	0.22	1.0	ug/l	6020	04/25/08	1	6
Arsenic	0.36	0.15	1.0	ug/l	6020	04/25/08	1	10
Beryllium	U	0.24	1.0	ug/l	6020	04/25/08	1	1
Cadmium	U	0.24	0.50	ug/l	6020	04/25/08	1	1
Copper	2.6	0.45	1.0	ug/l	6020	04/25/08	1	10
Selenium	U	0.43	1.0	ug/l	6020	04/28/08	1	10
Thallium	U	0.090	1.0	ug/l	6020	04/25/08	1	5.5
Zinc	U	3.0	10.	ug/l	6020	04/25/08	1	10
Mercury	U	0.044	0.20	ug/l	7470A	04/25/08	1	.2
Barium	21.	1.0	5.0	ug/l	6010B	04/25/08	1	100
Chromium	U	2.3	10.	ug/l	6010B	04/25/08	1	10
Cobalt	U	1.1	10.	ug/l	6010B	04/25/08	1	10
Iron	390	32.	100	ug/l	6010B	04/25/08	1	300
Lead	U	2.4	5.0	ug/l	6010B	04/25/08	1	5
Manganese	24.	9.0	10.	ug/l	6010B	04/25/08	1	50
Nickel	U	9.8	20.	ug/l	6010B	04/25/08	1	50
Silver	U	2.5	10.	ug/l	6010B	04/25/08	1	10
Vanadium	U	2.9	10.	ug/l	6010B	04/25/08	1	25
Volatile Organics								
Acetone	U	8.9	50.	ug/l	8260B	04/29/08	1	100
Acrylonitrile	U	1.7	10.	ug/l	8260B	04/29/08	1	200
Benzene	U	0.29	1.0	ug/l	8260B	04/29/08	1	1
Bromochloromethane	U	0.44	1.0	ug/l	8260B	04/29/08	1	3
Bromodichloromethane	U	0.37	1.0	ug/l	8260B	04/29/08	1	1
Bromoform	U	0.51	1.0	ug/l	8260B	04/29/08	1	3
Bromomethane	U	0.89	5.0	ug/l	8260B	04/29/08	1	10
Carbon disulfide	U	0.32	1.0	ug/l	8260B	04/29/08	1	100
Carbon tetrachloride	U	0.31	1.0	ug/l	8260B	04/29/08	1	1
Chlorobenzene	U	0.26	1.0	ug/l	8260B	04/29/08	1	3
Chlorodibromomethane	U	0.42	1.0	ug/l	8260B	04/29/08	1	1
Chloroethane	U	0.86	5.0	ug/l	8260B	04/29/08	1	10
Chloroform	U	0.33	5.0	ug/l	8260B	04/29/08	1	5
Chloromethane	U	0.25	2.5	ug/l	8260B	04/29/08	1	1
Dibromomethane	U	0.28	1.0	ug/l	8260B	04/29/08	1	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l	8260B	04/29/08	1	5
1,4-Dichlorobenzene	U	0.30	1.0	ug/l	8260B	04/29/08	1	1
trans-1,4-Dichloro-2-butene	U	0.85	2.5	ug/l	8260B	04/29/08	1	100
1,1-Dichloroethane	U	0.31	1.0	ug/l	8260B	04/29/08	1	5
1,2-Dichloroethane	U	0.27	1.0	ug/l	8260B	04/29/08	1	1

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-35

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 SW-4

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/22/08 11:20

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
1,1-Dichloroethene	U	0.50	1.0	ug/l	8260B	04/29/08	1	5
cis-1,2-Dichloroethene	U	0.38	1.0	ug/l	8260B	04/29/08	1	5
trans-1,2-Dichloroethene	U	0.30	1.0	ug/l	8260B	04/29/08	1	5
1,2-Dichloropropane	U	0.52	1.0	ug/l	8260B	04/29/08	1	1
cis-1,3-Dichloropropene	U	0.26	1.0	ug/l	8260B	04/29/08	1	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l	8260B	04/29/08	1	1
Ethylbenzene	U	0.22	1.0	ug/l	8260B	04/29/08	1	1
2-Hexanone	U	1.6	10.	ug/l	8260B	04/29/08	1	50
Iodomethane	U	2.6	10.	ug/l	8260B	04/29/08	1	10
2-Butanone (MEK)	U	4.5	10.	ug/l	8260B	04/29/08	1	10
Methylene Chloride	U	0.30	5.0	ug/l	8260B	04/29/08	1	1
4-Methyl-2-pentanone (MIBK)	U	1.4	10.	ug/l	8260B	04/29/08	1	100
Styrene	U	0.38	1.0	ug/l	8260B	04/29/08	1	1
1,1,1,2-Tetrachloroethane	U	0.40	1.0	ug/l	8260B	04/29/08	1	5
1,1,2,2-Tetrachloroethane	U	0.22	1.0	ug/l	8260B	04/29/08	1	1
Tetrachloroethene	U	0.29	1.0	ug/l	8260B	04/29/08	1	1
Toluene	U	0.27	5.0	ug/l	8260B	04/29/08	1	1
1,1,1-Trichloroethane	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
1,1,2-Trichloroethane	U	0.45	1.0	ug/l	8260B	04/29/08	1	5
Trichloroethene	U	0.37	1.0	ug/l	8260B	04/29/08	1	1
Trichlorofluoromethane	U	0.29	5.0	ug/l	8260B	04/29/08	1	1
1,2,3-Trichloropropane	U	0.36	1.0	ug/l	8260B	04/29/08	1	1
Vinyl acetate	U	1.0	10.	ug/l	8260B	04/29/08	1	50
Vinyl chloride	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
Xylenes, Total	U	0.86	3.0	ug/l	8260B	04/29/08	1	4
Surrogate Recovery								
Toluene-d8	102.			% Rec.	8260B	04/29/08	1	
Dibromofluoromethane	104.			% Rec.	8260B	04/29/08	1	
4-Bromofluorobenzene	101.			% Rec.	8260B	04/29/08	1	

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
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REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-36

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 SW-5

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/22/08 11:00

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
Antimony	U	0.22	1.0	ug/l	6020	04/25/08	1	6
Arsenic	2.1	0.15	1.0	ug/l	6020	04/25/08	1	10
Beryllium	U	0.24	1.0	ug/l	6020	04/25/08	1	1
Cadmium	U	0.24	0.50	ug/l	6020	04/25/08	1	1
Copper	1.2	0.45	1.0	ug/l	6020	04/25/08	1	10
Selenium	U	0.43	1.0	ug/l	6020	04/28/08	1	10
Thallium	U	0.090	1.0	ug/l	6020	04/25/08	1	5.5
Zinc	5.6	3.0	10.	ug/l	6020	04/25/08	1	10
Mercury	U	0.044	0.20	ug/l	7470A	04/25/08	1	.2
Barium	36.	1.0	5.0	ug/l	6010B	04/25/08	1	100
Chromium	U	2.3	10.	ug/l	6010B	04/25/08	1	10
Cobalt	1.8	1.1	10.	ug/l	6010B	04/25/08	1	10
Iron	5300	32.	100	ug/l	6010B	04/25/08	1	300
Lead	U	2.4	5.0	ug/l	6010B	04/25/08	1	5
Manganese	130	9.0	10.	ug/l	6010B	04/25/08	1	50
Nickel	U	9.8	20.	ug/l	6010B	04/25/08	1	50
Silver	U	2.5	10.	ug/l	6010B	04/25/08	1	10
Vanadium	U	2.9	10.	ug/l	6010B	04/25/08	1	25
Volatile Organics								
Acetone	U	8.9	50.	ug/l	8260B	04/29/08	1	100
Acrylonitrile	U	1.7	10.	ug/l	8260B	04/29/08	1	200
Benzene	U	0.29	1.0	ug/l	8260B	04/29/08	1	1
Bromochloromethane	U	0.44	1.0	ug/l	8260B	04/29/08	1	3
Bromodichloromethane	U	0.37	1.0	ug/l	8260B	04/29/08	1	1
Bromoform	U	0.51	1.0	ug/l	8260B	04/29/08	1	3
Bromomethane	U	0.89	5.0	ug/l	8260B	04/29/08	1	10
Carbon disulfide	U	0.32	1.0	ug/l	8260B	04/29/08	1	100
Carbon tetrachloride	U	0.31	1.0	ug/l	8260B	04/29/08	1	1
Chlorobenzene	U	0.26	1.0	ug/l	8260B	04/29/08	1	3
Chlorodibromomethane	U	0.42	1.0	ug/l	8260B	04/29/08	1	1
Chloroethane	U	0.86	5.0	ug/l	8260B	04/29/08	1	10
Chloroform	U	0.33	5.0	ug/l	8260B	04/29/08	1	5
Chloromethane	U	0.25	2.5	ug/l	8260B	04/29/08	1	1
Dibromomethane	U	0.28	1.0	ug/l	8260B	04/29/08	1	1
1,2-Dichlorobenzene	U	0.29	1.0	ug/l	8260B	04/29/08	1	5
1,4-Dichlorobenzene	U	0.30	1.0	ug/l	8260B	04/29/08	1	1
trans-1,4-Dichloro-2-butene	U	0.85	2.5	ug/l	8260B	04/29/08	1	100
1,1-Dichloroethane	U	0.31	1.0	ug/l	8260B	04/29/08	1	5
1,2-Dichloroethane	U	0.27	1.0	ug/l	8260B	04/29/08	1	1

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
RDL = Reported Detection Limit = LOQ = PQL = EQL = MQL(TRRP)
Note:
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Courtney Withers
S&ME Inc. - Charlotte NC
9751 Southern Pine Blvd.
Charlotte, NC 28273

May 06, 2008

ESC Sample # : L342345-36

Date Received : April 24, 2008
Description : Lincoln County Landfill

Site ID : Lincoln County Landfil

Sample ID : 5503 SW-5

Project # : 1356-07-004

Collected By : Tom Steelman
Collection Date : 04/22/08 11:00

Parameter	Result	MDL	RDL	Units	Method	Date	Dil.	SWSL
1,1-Dichloroethene	U	0.50	1.0	ug/l	8260B	04/29/08	1	5
cis-1,2-Dichloroethene	U	0.38	1.0	ug/l	8260B	04/29/08	1	5
trans-1,2-Dichloroethene	U	0.30	1.0	ug/l	8260B	04/29/08	1	5
1,2-Dichloropropane	U	0.52	1.0	ug/l	8260B	04/29/08	1	1
cis-1,3-Dichloropropene	U	0.26	1.0	ug/l	8260B	04/29/08	1	1
trans-1,3-Dichloropropene	U	0.24	1.0	ug/l	8260B	04/29/08	1	1
Ethylbenzene	U	0.22	1.0	ug/l	8260B	04/29/08	1	1
2-Hexanone	U	1.6	10.	ug/l	8260B	04/29/08	1	50
Iodomethane	U	2.6	10.	ug/l	8260B	04/29/08	1	10
2-Butanone (MEK)	U	4.5	10.	ug/l	8260B	04/29/08	1	10
Methylene Chloride	U	0.30	5.0	ug/l	8260B	04/29/08	1	1
4-Methyl-2-pentanone (MIBK)	U	1.4	10.	ug/l	8260B	04/29/08	1	100
Styrene	U	0.38	1.0	ug/l	8260B	04/29/08	1	1
1,1,1,2-Tetrachloroethane	U	0.40	1.0	ug/l	8260B	04/29/08	1	5
1,1,2,2-Tetrachloroethane	U	0.22	1.0	ug/l	8260B	04/29/08	1	1
Tetrachloroethene	U	0.29	1.0	ug/l	8260B	04/29/08	1	1
Toluene	0.38	0.27	5.0	ug/l	8260B	04/29/08	1	1
1,1,1-Trichloroethane	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
1,1,2-Trichloroethane	U	0.45	1.0	ug/l	8260B	04/29/08	1	5
Trichloroethene	U	0.37	1.0	ug/l	8260B	04/29/08	1	1
Trichlorofluoromethane	U	0.29	5.0	ug/l	8260B	04/29/08	1	1
1,2,3-Trichloropropane	U	0.36	1.0	ug/l	8260B	04/29/08	1	1
Vinyl acetate	U	1.0	10.	ug/l	8260B	04/29/08	1	50
Vinyl chloride	U	0.27	1.0	ug/l	8260B	04/29/08	1	1
Xylenes, Total	U	0.86	3.0	ug/l	8260B	04/29/08	1	4
Surrogate Recovery								
Toluene-d8	101.			% Rec.	8260B	04/29/08	1	
Dibromofluoromethane	105.			% Rec.	8260B	04/29/08	1	
4-Bromofluorobenzene	102.			% Rec.	8260B	04/29/08	1	

U = ND (Not Detected)
SWSL = Solid Waste Section Limit
MDL = Minimum Detection Limit = LOD = SQL(TRRP)
RDL = Reported Detection Limit = LOQ = PQL = EQL = MQL(TRRP)
Note:
The reported analytical results relate only to the sample submitted.
This report shall not be reproduced, except in full, without the written approval from ESC.
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Reported: 05/01/08 09:53 Revised: 05/06/08 15:34

Attachment A
List of Analytes with QC Qualifiers

Sample #	Analyte	Qualifier
L342345-01	Cobalt	J
	Nickel	J
	Arsenic	J
	Beryllium	J
	Thallium	J
L342345-02	Chromium	J
	Antimony	J
	Copper	J
	Zinc	J
	Acetone	J
L342345-03	Chromium	J
	Cobalt	J
	Vanadium	J
	Zinc	J
L342345-04	Antimony	J
	Arsenic	J
	Beryllium	J
	Cadmium	J
	Thallium	J
	Toluene	J
L342345-05	Nickel	J
	Acetone	J
	Chloroethane	J
	Ethylbenzene	J
	Methylene Chloride	J
	Toluene	J
	Vinyl chloride	J
	Xylenes, Total	J
L342345-06	Cadmium	J
	Methylene Chloride	J
	Tetrachloroethene	J
	Trichloroethene	J
L342345-07	Cobalt	J
	Vanadium	J
	Beryllium	J
	Zinc	J
L342345-08	Chromium	J
	Nickel	J
	Silver	J
	Vanadium	J
	Beryllium	J
	Cadmium	J
	Copper	O
	Selenium	O
	Chlorobenzene	J
	Chloroethane	J
	Trichloroethene	J
L342345-09	Chromium	J
	Cobalt	J
	Arsenic	J
	Zinc	J
	Acetone	J
	Tetrachloroethene	J
L342345-10	Cobalt	J
	Vanadium	J
	Antimony	J
	Thallium	J
	Zinc	J
L342345-11	Antimony	J
	Arsenic	J
	Selenium	J
	Zinc	J
	Mercury	J
	Benzene	J
	Methylene Chloride	J
	Trichloroethene	J
	Trichlorofluoromethane	J
L342345-12	Copper	J
	Zinc	J

Attachment A
List of Analytes with QC Qualifiers

Sample #	Analyte	Qualifier
	Benzene	J
	cis-1,2-Dichloroethene	J
	Methylene Chloride	J
	Tetrachloroethene	J
L342345-13	Cobalt	J
	Vanadium	J
	Arsenic	J
	Beryllium	J
	Zinc	J
	Acetone	J
L342345-14	Arsenic	J
	Copper	J
L342345-15	Chromium	J
	Arsenic	J
	Beryllium	J
	Copper	J
L342345-16	Chromium	J
	Cobalt	J
	Arsenic	J
	2-Butanone (MEK)	J
L342345-17	Chromium	J
	Cobalt	J
	Lead	J
	Silver	J
	Vanadium	J
	Arsenic	J
	Beryllium	O
	Copper	J
	Zinc	J
L342345-18	Arsenic	J
	Copper	J
	Selenium	J
	Zinc	J
	2-Butanone (MEK)	J
L342345-19	Antimony	J
	Zinc	J
	Acetone	J
L342345-20	Cobalt	J
	Silver	J3J6
	Arsenic	J
	Beryllium	O
	Copper	J
	Thallium	J
	Zinc	J
L342345-21	Chromium	J
	Cobalt	J
	Lead	J
	Vanadium	J
	Arsenic	J
	Beryllium	O
	Thallium	J
L342345-22	Chromium	J
	Vanadium	J
	Antimony	J
	Zinc	J
	Acetone	J
L342345-23	Acetone	J
L342345-24	Chromium	J
	Arsenic	J
	Zinc	J
	Sulfate	J
L342345-25	Cobalt	J
	Nickel	J
	Antimony	J
	Arsenic	J
	Beryllium	J
	Cadmium	J
	Thallium	J
	Mercury	J
	Benzene	J

Attachment A
List of Analytes with QC Qualifiers

Sample #	Analyte	Qualifier
	cis-1,2-Dichloroethene	J
L342345-26	Cobalt	J
	Antimony	J
	Beryllium	O
	Copper	J
	Zinc	J
	Chloride	J
	Alkalinity	J
L342345-27	Silver	J
	Arsenic	JO
	Selenium	O
	Thallium	J
	Zinc	JO
L342345-28	Chromium	J
	Cobalt	J
	Lead	J
	Vanadium	J
	Arsenic	J
	Beryllium	J
	Thallium	J
	Chloride	J
	Sulfate	J
L342345-29	Antimony	J
	Arsenic	J
	Zinc	J
	Alkalinity	J
L342345-30	Chromium	J
	Antimony	J
	Acetone	J
	1,1-Dichloroethane	J
	4-Methyl-2-pentanone (MIBK)	J
	Sulfate	J
L342345-31	Acetone	J
L342345-33	Arsenic	J
	Copper	J
	Zinc	J
L342345-34	Cobalt	J
	Nickel	J
	Arsenic	J
	Beryllium	J
	Thallium	J
L342345-35	Arsenic	J
L342345-36	Cobalt	J
	Zinc	J
	Toluene	J

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
J	(EPA) - Estimated value below the lowest calibration point. Confidence correlates with concentration.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low
J3	The associated batch QC was outside the established quality control range for precision.
O	(ESC) Sample diluted due to matrix interferences that impaired the ability to make an accurate analytical determination. The detection limit is elevated in order to reflect the necessary dilution.

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
05/06/08 at 15:34:30

TSR Signing Reports: 350
R5 - Desired TAT

Sample: L342345-01 Account: SMECNC Received: 04/24/08 09:00 Due Date: 05/08/08 00:00 RPT Date: 05/01/08 09:53
EDD = SWSL
Sample: L342345-02 Account: SMECNC Received: 04/24/08 09:00 Due Date: 05/08/08 00:00 RPT Date: 05/01/08 09:53
EDD = SWSL
Sample: L342345-03 Account: SMECNC Received: 04/24/08 09:00 Due Date: 05/08/08 00:00 RPT Date: 05/01/08 09:53
EDD = SWSL
Sample: L342345-04 Account: SMECNC Received: 04/24/08 09:00 Due Date: 05/08/08 00:00 RPT Date: 05/01/08 09:53
EDD = SWSL
Sample: L342345-05 Account: SMECNC Received: 04/24/08 09:00 Due Date: 05/08/08 00:00 RPT Date: 05/01/08 09:53
EDD = SWSL
Sample: L342345-06 Account: SMECNC Received: 04/24/08 09:00 Due Date: 05/08/08 00:00 RPT Date: 05/01/08 09:53
EDD = SWSL
Sample: L342345-07 Account: SMECNC Received: 04/24/08 09:00 Due Date: 05/08/08 00:00 RPT Date: 05/01/08 09:53
EDD = SWSL
Sample: L342345-08 Account: SMECNC Received: 04/24/08 09:00 Due Date: 05/08/08 00:00 RPT Date: 05/01/08 09:53
EDD = SWSL
Sample: L342345-09 Account: SMECNC Received: 04/24/08 09:00 Due Date: 05/08/08 00:00 RPT Date: 05/01/08 09:53
EDD = SWSL
Sample: L342345-10 Account: SMECNC Received: 04/24/08 09:00 Due Date: 05/08/08 00:00 RPT Date: 05/01/08 09:53
EDD = SWSL
Sample: L342345-11 Account: SMECNC Received: 04/24/08 09:00 Due Date: 05/08/08 00:00 RPT Date: 05/01/08 09:53
EDD = SWSL
Sample: L342345-12 Account: SMECNC Received: 04/24/08 09:00 Due Date: 05/08/08 00:00 RPT Date: 05/01/08 09:53
EDD = SWSL
Sample: L342345-13 Account: SMECNC Received: 04/24/08 09:00 Due Date: 05/08/08 00:00 RPT Date: 05/01/08 09:53
EDD = SWSL
Sample: L342345-14 Account: SMECNC Received: 04/24/08 09:00 Due Date: 05/08/08 00:00 RPT Date: 05/01/08 09:53
EDD = SWSL
Sample: L342345-15 Account: SMECNC Received: 04/24/08 09:00 Due Date: 05/08/08 00:00 RPT Date: 05/01/08 09:53
EDD = SWSL
Sample: L342345-16 Account: SMECNC Received: 04/24/08 09:00 Due Date: 05/08/08 00:00 RPT Date: 05/01/08 09:53
EDD = SWSL
Sample: L342345-17 Account: SMECNC Received: 04/24/08 09:00 Due Date: 05/08/08 00:00 RPT Date: 05/01/08 09:53
EDD = SWSL
Sample: L342345-18 Account: SMECNC Received: 04/24/08 09:00 Due Date: 05/08/08 00:00 RPT Date: 05/01/08 09:53
EDD = SWSL
Sample: L342345-19 Account: SMECNC Received: 04/24/08 09:00 Due Date: 05/08/08 00:00 RPT Date: 05/01/08 09:53
EDD = SWSL
Sample: L342345-20 Account: SMECNC Received: 04/24/08 09:00 Due Date: 05/08/08 00:00 RPT Date: 05/01/08 09:53
EDD = SWSL
Sample: L342345-21 Account: SMECNC Received: 04/24/08 09:00 Due Date: 05/08/08 00:00 RPT Date: 05/01/08 09:53
EDD = SWSL
Sample: L342345-22 Account: SMECNC Received: 04/24/08 09:00 Due Date: 05/08/08 00:00 RPT Date: 05/01/08 09:53
EDD = SWSL
Sample: L342345-23 Account: SMECNC Received: 04/24/08 09:00 Due Date: 05/08/08 00:00 RPT Date: 05/01/08 09:53
EDD = SWSL
Sample: L342345-24 Account: SMECNC Received: 04/24/08 09:00 Due Date: 05/08/08 00:00 RPT Date: 05/01/08 09:53
EDD = SWSL
Sample: L342345-25 Account: SMECNC Received: 04/24/08 09:00 Due Date: 05/08/08 00:00 RPT Date: 05/01/08 09:53
EDD = SWSL
Sample: L342345-26 Account: SMECNC Received: 04/24/08 09:00 Due Date: 05/08/08 00:00 RPT Date: 05/01/08 09:53
EDD = SWSL
Sample: L342345-27 Account: SMECNC Received: 04/24/08 09:00 Due Date: 05/08/08 00:00 RPT Date: 05/01/08 09:53
EDD = SWSL
Sample: L342345-28 Account: SMECNC Received: 04/24/08 09:00 Due Date: 05/08/08 00:00 RPT Date: 05/01/08 09:53
EDD = SWSL
Sample: L342345-29 Account: SMECNC Received: 04/24/08 09:00 Due Date: 05/08/08 00:00 RPT Date: 05/01/08 09:53
EDD = SWSL
Sample: L342345-30 Account: SMECNC Received: 04/24/08 09:00 Due Date: 05/08/08 00:00 RPT Date: 05/01/08 09:53
EDD = SWSL
Sample: L342345-31 Account: SMECNC Received: 04/24/08 09:00 Due Date: 05/08/08 00:00 RPT Date: 05/01/08 09:53
EDD = SWSL
Sample: L342345-32 Account: SMECNC Received: 04/24/08 09:00 Due Date: 05/08/08 00:00 RPT Date: 05/01/08 09:53
EDD = SWSL
Sample: L342345-33 Account: SMECNC Received: 04/24/08 09:00 Due Date: 05/08/08 00:00 RPT Date: 05/01/08 09:53
EDD = SWSL
Sample: L342345-34 Account: SMECNC Received: 04/24/08 09:00 Due Date: 05/08/08 00:00 RPT Date: 05/01/08 09:53
EDD = SWSL
Sample: L342345-35 Account: SMECNC Received: 04/24/08 09:00 Due Date: 05/08/08 00:00 RPT Date: 05/01/08 09:53
EDD = SWSL
Sample: L342345-36 Account: SMECNC Received: 04/24/08 09:00 Due Date: 05/08/08 00:00 RPT Date: 05/01/08 09:53
EDD = SWSL

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Courtney Withers
9751 Southern Pine Blvd.

Charlotte, NC 28273

Quality Assurance Report
Level II

L342345

May 06, 2008

Laboratory Blank

Analyte	Result	Units	Date Analyzed	Batch
Chloride	< 1	mg/l	04/24/08 11:00	WG357305
Sulfate	< 5	mg/l	04/24/08 11:00	WG357305
Antimony	< .001	mg/l	04/25/08 02:27	WG357338
Arsenic	< .001	mg/l	04/25/08 02:27	WG357338
Beryllium	< .001	mg/l	04/28/08 22:20	WG357338
Cadmium	< .0005	mg/l	04/25/08 02:27	WG357338
Copper	< .001	mg/l	04/25/08 02:27	WG357338
Selenium	< .001	mg/l	04/25/08 02:27	WG357338
Thallium	< .001	mg/l	04/25/08 02:27	WG357338
Zinc	< .01	mg/l	04/25/08 02:27	WG357338
BOD	0.140	mg/l	04/24/08 10:00	WG357352
Barium	< .005	mg/l	04/25/08 11:16	WG357393
Chromium	< .01	mg/l	04/25/08 11:16	WG357393
Cobalt	< .01	mg/l	04/25/08 11:16	WG357393
Iron	< .1	mg/l	04/25/08 11:16	WG357393
Lead	< .005	mg/l	04/25/08 11:16	WG357393
Manganese	< .01	mg/l	04/25/08 11:16	WG357393
Nickel	< .02	mg/l	04/25/08 11:16	WG357393
Silver	< .01	mg/l	04/25/08 11:16	WG357393
Vanadium	< .01	mg/l	04/25/08 11:16	WG357393
Sulfate	< 5	mg/l	04/24/08 10:43	WG357394
Antimony	< .001	mg/l	04/25/08 09:22	WG357395
Arsenic	< .001	mg/l	04/25/08 09:22	WG357395
Beryllium	< .001	mg/l	04/25/08 09:22	WG357395
Cadmium	< .0005	mg/l	04/25/08 09:22	WG357395
Copper	< .001	mg/l	04/25/08 09:22	WG357395
Selenium	< .001	mg/l	04/25/08 09:22	WG357395
Thallium	< .001	mg/l	04/25/08 09:22	WG357395
Zinc	< .01	mg/l	04/25/08 09:22	WG357395
Mercury	< .0002	mg/l	04/25/08 15:14	WG357397
Mercury	< .0002	mg/l	04/25/08 09:57	WG357398
Dissolved Solids	< 10	mg/l	04/26/08 10:40	WG357442
Dissolved Solids	< 10	mg/l	04/26/08 10:58	WG357443
Phosphorus,Total	< .1	mg/l	04/28/08 10:39	WG357482
Nitrate-Nitrite	< .1	mg/l	04/25/08 11:06	WG357491
Barium	< .005	mg/l	04/25/08 09:06	WG357509
Chromium	< .01	mg/l	04/25/08 09:06	WG357509
Cobalt	< .01	mg/l	04/25/08 09:06	WG357509
Iron	< .1	mg/l	04/25/08 09:06	WG357509
Lead	< .005	mg/l	04/25/08 09:06	WG357509
Manganese	< .01	mg/l	04/25/08 09:06	WG357509
Nickel	< .02	mg/l	04/25/08 09:06	WG357509
Silver	< .01	mg/l	04/25/08 09:06	WG357509
Vanadium	< .01	mg/l	04/25/08 09:06	WG357509
Barium	< .005	mg/l	04/25/08 02:17	WG357510
Chromium	< .01	mg/l	04/25/08 02:17	WG357510
Cobalt	< .01	mg/l	04/25/08 02:17	WG357510

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Quality Assurance Report
Level II

L342345

May 06, 2008

Iron	< .1	mg/l	04/25/08 02:17	WG357510

Laboratory Blank

Analyte	Result	Units	Date Analyzed	Batch
Lead	< .005	mg/l	04/25/08 02:17	WG357510
Manganese	< .01	mg/l	04/25/08 02:17	WG357510
Nickel	< .02	mg/l	04/25/08 02:17	WG357510
Silver	< .01	mg/l	04/25/08 02:17	WG357510
Vanadium	< .01	mg/l	04/25/08 02:17	WG357510
Antimony	< .001	mg/l	04/25/08 17:28	WG357514
Arsenic	< .001	mg/l	04/25/08 17:28	WG357514
Beryllium	< .001	mg/l	04/25/08 17:28	WG357514
Cadmium	< .0005	mg/l	04/25/08 17:28	WG357514
Copper	< .001	mg/l	04/25/08 17:28	WG357514
Selenium	< .001	mg/l	04/28/08 22:29	WG357514
Thallium	< .001	mg/l	04/25/08 17:28	WG357514
Zinc	< .01	mg/l	04/25/08 17:28	WG357514
Antimony	< .001	mg/l	04/26/08 17:13	WG357571
Arsenic	< .001	mg/l	04/26/08 17:13	WG357571
Beryllium	< .001	mg/l	04/26/08 17:13	WG357571
Cadmium	< .0005	mg/l	04/26/08 17:13	WG357571
Copper	< .001	mg/l	04/26/08 17:13	WG357571
Selenium	< .001	mg/l	04/26/08 17:13	WG357571
Thallium	< .001	mg/l	04/26/08 17:13	WG357571
Zinc	< .01	mg/l	04/26/08 17:13	WG357571
Dissolved Solids	< 10	mg/l	04/27/08 19:15	WG357683
Suspended Solids	< 1	mg/l	04/26/08 06:40	WG357684
1,1,1,2-Tetrachloroethane	< .001	mg/l	04/28/08 03:18	WG357948
1,1,1-Trichloroethane	< .001	mg/l	04/28/08 03:18	WG357948
1,1,2,2-Tetrachloroethane	< .001	mg/l	04/28/08 03:18	WG357948
1,1,2-Trichloroethane	< .001	mg/l	04/28/08 03:18	WG357948
1,1-Dichloroethane	< .001	mg/l	04/28/08 03:18	WG357948
1,1-Dichloroethene	< .001	mg/l	04/28/08 03:18	WG357948
1,2,3-Trichloropropane	< .001	mg/l	04/28/08 03:18	WG357948
1,2-Dichlorobenzene	< .001	mg/l	04/28/08 03:18	WG357948
1,2-Dichloroethane	< .001	mg/l	04/28/08 03:18	WG357948
1,2-Dichloropropane	< .001	mg/l	04/28/08 03:18	WG357948
1,4-Dichlorobenzene	< .001	mg/l	04/28/08 03:18	WG357948
2-Butanone (MEK)	< .01	mg/l	04/28/08 03:18	WG357948
2-Hexanone	< .01	mg/l	04/28/08 03:18	WG357948
4-Methyl-2-pentanone (MIBK)	< .01	mg/l	04/28/08 03:18	WG357948
Acetone	< .05	mg/l	04/28/08 03:18	WG357948
Acrylonitrile	< .01	mg/l	04/28/08 03:18	WG357948
Benzene	< .001	mg/l	04/28/08 03:18	WG357948
Bromochloromethane	< .001	mg/l	04/28/08 03:18	WG357948
Bromodichloromethane	< .001	mg/l	04/28/08 03:18	WG357948
Bromoform	< .001	mg/l	04/28/08 03:18	WG357948
Bromomethane	< .005	mg/l	04/28/08 03:18	WG357948
Carbon disulfide	< .001	mg/l	04/28/08 03:18	WG357948
Carbon tetrachloride	< .001	mg/l	04/28/08 03:18	WG357948
Chlorobenzene	< .001	mg/l	04/28/08 03:18	WG357948
Chlorodibromomethane	< .001	mg/l	04/28/08 03:18	WG357948
Chloroethane	< .001	mg/l	04/28/08 03:18	WG357948
Chloroform	< .005	mg/l	04/28/08 03:18	WG357948
Chloromethane	< .001	mg/l	04/28/08 03:18	WG357948
cis-1,2-Dichloroethene	< .001	mg/l	04/28/08 03:18	WG357948
cis-1,3-Dichloropropene	< .001	mg/l	04/28/08 03:18	WG357948
Dibromomethane	< .001	mg/l	04/28/08 03:18	WG357948

ENVIRONMENTAL
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Quality Assurance Report
Level II

L342345

May 06, 2008

Ethylbenzene	< .001	mg/l	04/28/08 03:18	WG357948

Laboratory Blank

Analyte	Result	Units	Date Analyzed	Batch
Iodomethane	< .01	mg/l	04/28/08 03:18	WG357948
Methylene Chloride	< .005	mg/l	04/28/08 03:18	WG357948
Styrene	< .001	mg/l	04/28/08 03:18	WG357948
Tetrachloroethene	< .001	mg/l	04/28/08 03:18	WG357948
Toluene	< .005	mg/l	04/28/08 03:18	WG357948
trans-1,2-Dichloroethene	< .001	mg/l	04/28/08 03:18	WG357948
trans-1,3-Dichloropropene	< .001	mg/l	04/28/08 03:18	WG357948
trans-1,4-Dichloro-2-butene	< .0025	mg/l	04/28/08 03:18	WG357948
Trichloroethene	< .001	mg/l	04/28/08 03:18	WG357948
Trichlorofluoromethane	< .005	mg/l	04/28/08 03:18	WG357948
Vinyl acetate	< .01	mg/l	04/28/08 03:18	WG357948
Vinyl chloride	< .001	mg/l	04/28/08 03:18	WG357948
Xylenes, Total	< .003	mg/l	04/28/08 03:18	WG357948
COD	< 20	mg/l	05/01/08 07:51	WG357950
1,1,1,2-Tetrachloroethane	< .001	mg/l	04/29/08 02:43	WG358050
1,1,1-Trichloroethane	< .001	mg/l	04/29/08 02:43	WG358050
1,1,2,2-Tetrachloroethane	< .001	mg/l	04/29/08 02:43	WG358050
1,1,2-Trichloroethane	< .001	mg/l	04/29/08 02:43	WG358050
1,1-Dichloroethane	< .001	mg/l	04/29/08 02:43	WG358050
1,1-Dichloroethene	< .001	mg/l	04/29/08 02:43	WG358050
1,2,3-Trichloropropane	< .001	mg/l	04/29/08 02:43	WG358050
1,2-Dichlorobenzene	< .001	mg/l	04/29/08 02:43	WG358050
1,2-Dichloroethane	< .001	mg/l	04/29/08 02:43	WG358050
1,2-Dichloropropane	< .001	mg/l	04/29/08 02:43	WG358050
1,4-Dichlorobenzene	< .001	mg/l	04/29/08 02:43	WG358050
2-Butanone (MEK)	< .01	mg/l	04/29/08 02:43	WG358050
2-Hexanone	< .01	mg/l	04/29/08 02:43	WG358050
4-Methyl-2-pentanone (MIBK)	< .01	mg/l	04/29/08 02:43	WG358050
Acetone	< .05	mg/l	04/29/08 02:43	WG358050
Acrylonitrile	< .01	mg/l	04/29/08 02:43	WG358050
Benzene	< .001	mg/l	04/29/08 02:43	WG358050
Bromochloromethane	< .001	mg/l	04/29/08 02:43	WG358050
Bromodichloromethane	< .001	mg/l	04/29/08 02:43	WG358050
Bromoform	< .001	mg/l	04/29/08 02:43	WG358050
Bromomethane	< .005	mg/l	04/29/08 02:43	WG358050
Carbon disulfide	< .001	mg/l	04/29/08 02:43	WG358050
Carbon tetrachloride	< .001	mg/l	04/29/08 02:43	WG358050
Chlorobenzene	< .001	mg/l	04/29/08 02:43	WG358050
Chlorodibromomethane	< .001	mg/l	04/29/08 02:43	WG358050
Chloroethane	< .001	mg/l	04/29/08 02:43	WG358050
Chloroform	< .005	mg/l	04/29/08 02:43	WG358050
Chloromethane	< .001	mg/l	04/29/08 02:43	WG358050
cis-1,2-Dichloroethene	< .001	mg/l	04/29/08 02:43	WG358050
cis-1,3-Dichloropropene	< .001	mg/l	04/29/08 02:43	WG358050
Dibromomethane	< .001	mg/l	04/29/08 02:43	WG358050
Ethylbenzene	< .001	mg/l	04/29/08 02:43	WG358050
Iodomethane	< .01	mg/l	04/29/08 02:43	WG358050
Methylene Chloride	< .005	mg/l	04/29/08 02:43	WG358050
Styrene	< .001	mg/l	04/29/08 02:43	WG358050
Tetrachloroethene	< .001	mg/l	04/29/08 02:43	WG358050
Toluene	< .005	mg/l	04/29/08 02:43	WG358050
trans-1,2-Dichloroethene	< .001	mg/l	04/29/08 02:43	WG358050
trans-1,3-Dichloropropene	< .001	mg/l	04/29/08 02:43	WG358050
trans-1,4-Dichloro-2-butene	< .0025	mg/l	04/29/08 02:43	WG358050
Trichloroethene	< .001	mg/l	04/29/08 02:43	WG358050
Trichlorofluoromethane	< .005	mg/l	04/29/08 02:43	WG358050
Vinyl acetate	< .01	mg/l	04/29/08 02:43	WG358050

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May 06, 2008

Vinyl chloride	< .001	mg/l	04/29/08 02:43	WG358050

Laboratory Blank

Analyte	Result	Units	Date Analyzed	Batch
Xylenes, Total	< .003	mg/l	04/29/08 02:43	WG358050
1,1,1,2-Tetrachloroethane	< .001	mg/l	04/28/08 17:07	WG358061
1,1,1-Trichloroethane	< .001	mg/l	04/28/08 17:07	WG358061
1,1,2,2-Tetrachloroethane	< .001	mg/l	04/28/08 17:07	WG358061
1,1,2-Trichloroethane	< .001	mg/l	04/28/08 17:07	WG358061
1,1-Dichloroethane	< .001	mg/l	04/28/08 17:07	WG358061
1,1-Dichloroethene	< .001	mg/l	04/28/08 17:07	WG358061
1,2,3-Trichloropropane	< .001	mg/l	04/28/08 17:07	WG358061
1,2-Dichlorobenzene	< .001	mg/l	04/28/08 17:07	WG358061
1,2-Dichloroethane	< .001	mg/l	04/28/08 17:07	WG358061
1,2-Dichloropropane	< .001	mg/l	04/28/08 17:07	WG358061
1,4-Dichlorobenzene	< .001	mg/l	04/28/08 17:07	WG358061
2-Butanone (MEK)	< .01	mg/l	04/28/08 17:07	WG358061
2-Hexanone	< .01	mg/l	04/28/08 17:07	WG358061
4-Methyl-2-pentanone (MIBK)	< .01	mg/l	04/28/08 17:07	WG358061
Acetone	< .05	mg/l	04/28/08 17:07	WG358061
Acrylonitrile	< .01	mg/l	04/28/08 17:07	WG358061
Benzene	< .001	mg/l	04/28/08 17:07	WG358061
Bromochloromethane	< .001	mg/l	04/28/08 17:07	WG358061
Bromodichloromethane	< .001	mg/l	04/28/08 17:07	WG358061
Bromoform	< .001	mg/l	04/28/08 17:07	WG358061
Bromomethane	< .005	mg/l	04/28/08 17:07	WG358061
Carbon disulfide	< .001	mg/l	04/28/08 17:07	WG358061
Carbon tetrachloride	< .001	mg/l	04/28/08 17:07	WG358061
Chlorobenzene	< .001	mg/l	04/28/08 17:07	WG358061
Chlorodibromomethane	< .001	mg/l	04/28/08 17:07	WG358061
Chloroethane	< .001	mg/l	04/28/08 17:07	WG358061
Chloroform	< .005	mg/l	04/28/08 17:07	WG358061
Chloromethane	< .001	mg/l	04/28/08 17:07	WG358061
cis-1,2-Dichloroethene	< .001	mg/l	04/28/08 17:07	WG358061
cis-1,3-Dichloropropene	< .001	mg/l	04/28/08 17:07	WG358061
Dibromomethane	< .001	mg/l	04/28/08 17:07	WG358061
Ethylbenzene	< .001	mg/l	04/28/08 17:07	WG358061
Iodomethane	< .01	mg/l	04/28/08 17:07	WG358061
Methylene Chloride	< .005	mg/l	04/28/08 17:07	WG358061
Styrene	< .001	mg/l	04/28/08 17:07	WG358061
Tetrachloroethene	< .001	mg/l	04/28/08 17:07	WG358061
Toluene	< .005	mg/l	04/28/08 17:07	WG358061
trans-1,2-Dichloroethene	< .001	mg/l	04/28/08 17:07	WG358061
trans-1,3-Dichloropropene	< .001	mg/l	04/28/08 17:07	WG358061
trans-1,4-Dichloro-2-butene	< .0025	mg/l	04/28/08 17:07	WG358061
Trichloroethene	< .001	mg/l	04/28/08 17:07	WG358061
Trichlorofluoromethane	< .005	mg/l	04/28/08 17:07	WG358061
Vinyl acetate	< .01	mg/l	04/28/08 17:07	WG358061
Vinyl chloride	< .001	mg/l	04/28/08 17:07	WG358061
Xylenes, Total	< .003	mg/l	04/28/08 17:07	WG358061
1,1,1,2-Tetrachloroethane	< .001	mg/l	04/29/08 01:36	WG358132
1,1,1-Trichloroethane	< .001	mg/l	04/29/08 01:36	WG358132
1,1,2,2-Tetrachloroethane	< .001	mg/l	04/29/08 01:36	WG358132
1,1,2-Trichloroethane	< .001	mg/l	04/29/08 01:36	WG358132
1,1-Dichloroethane	< .001	mg/l	04/29/08 01:36	WG358132
1,1-Dichloroethene	< .001	mg/l	04/29/08 01:36	WG358132
1,2,3-Trichloropropane	< .001	mg/l	04/29/08 01:36	WG358132
1,2-Dichlorobenzene	< .001	mg/l	04/29/08 01:36	WG358132
1,2-Dichloroethane	< .001	mg/l	04/29/08 01:36	WG358132
1,2-Dichloropropane	< .001	mg/l	04/29/08 01:36	WG358132
1,4-Dichlorobenzene	< .001	mg/l	04/29/08 01:36	WG358132

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Charlotte, NC 28273

Quality Assurance Report
Level II

L342345

May 06, 2008

2-Butanone (MEK)	< .01	mg/l	04/29/08 01:36	WG358132

Laboratory Blank

Analyte	Result	Units	Date Analyzed	Batch
2-Hexanone	< .01	mg/l	04/29/08 01:36	WG358132
4-Methyl-2-pentanone (MIBK)	< .01	mg/l	04/29/08 01:36	WG358132
Acetone	< .05	mg/l	04/29/08 01:36	WG358132
Acrylonitrile	< .01	mg/l	04/29/08 01:36	WG358132
Benzene	< .001	mg/l	04/29/08 01:36	WG358132
Bromochloromethane	< .001	mg/l	04/29/08 01:36	WG358132
Bromodichloromethane	< .001	mg/l	04/29/08 01:36	WG358132
Bromoform	< .001	mg/l	04/29/08 01:36	WG358132
Bromomethane	< .005	mg/l	04/29/08 01:36	WG358132
Carbon disulfide	< .001	mg/l	04/29/08 01:36	WG358132
Carbon tetrachloride	< .001	mg/l	04/29/08 01:36	WG358132
Chlorobenzene	< .001	mg/l	04/29/08 01:36	WG358132
Chlorodibromomethane	< .001	mg/l	04/29/08 01:36	WG358132
Chloroethane	< .001	mg/l	04/29/08 01:36	WG358132
Chloroform	< .005	mg/l	04/29/08 01:36	WG358132
Chloromethane	< .001	mg/l	04/29/08 01:36	WG358132
cis-1,2-Dichloroethene	< .001	mg/l	04/29/08 01:36	WG358132
cis-1,3-Dichloropropene	< .001	mg/l	04/29/08 01:36	WG358132
Dibromomethane	< .001	mg/l	04/29/08 01:36	WG358132
Ethylbenzene	< .001	mg/l	04/29/08 01:36	WG358132
Iodomethane	< .01	mg/l	04/29/08 01:36	WG358132
Methylene Chloride	< .005	mg/l	04/29/08 01:36	WG358132
Styrene	< .001	mg/l	04/29/08 01:36	WG358132
Tetrachloroethene	< .001	mg/l	04/29/08 01:36	WG358132
Toluene	< .005	mg/l	04/29/08 01:36	WG358132
trans-1,2-Dichloroethene	< .001	mg/l	04/29/08 01:36	WG358132
trans-1,3-Dichloropropene	< .001	mg/l	04/29/08 01:36	WG358132
trans-1,4-Dichloro-2-butene	< .0025	mg/l	04/29/08 01:36	WG358132
Trichloroethene	< .001	mg/l	04/29/08 01:36	WG358132
Trichlorofluoromethane	< .005	mg/l	04/29/08 01:36	WG358132
Vinyl acetate	< .01	mg/l	04/29/08 01:36	WG358132
Vinyl chloride	< .001	mg/l	04/29/08 01:36	WG358132
Xylenes, Total	< .003	mg/l	04/29/08 01:36	WG358132
Alkalinity	< 10	mg/l	04/30/08 11:26	WG358184
1,1,1,2-Tetrachloroethane	< .001	mg/l	04/29/08 13:07	WG358226
1,1,1-Trichloroethane	< .001	mg/l	04/29/08 13:07	WG358226
1,1,2,2-Tetrachloroethane	< .001	mg/l	04/29/08 13:07	WG358226
1,1,2-Trichloroethane	< .001	mg/l	04/29/08 13:07	WG358226
1,1-Dichloroethane	< .001	mg/l	04/29/08 13:07	WG358226
1,1-Dichloroethene	< .001	mg/l	04/29/08 13:07	WG358226
1,2,3-Trichloropropane	< .001	mg/l	04/29/08 13:07	WG358226
1,2-Dichlorobenzene	< .001	mg/l	04/29/08 13:07	WG358226
1,2-Dichloroethane	< .001	mg/l	04/29/08 13:07	WG358226
1,2-Dichloropropane	< .001	mg/l	04/29/08 13:07	WG358226
1,4-Dichlorobenzene	< .001	mg/l	04/29/08 13:07	WG358226
2-Butanone (MEK)	< .01	mg/l	04/29/08 13:07	WG358226
2-Hexanone	< .01	mg/l	04/29/08 13:07	WG358226
4-Methyl-2-pentanone (MIBK)	< .01	mg/l	04/29/08 13:07	WG358226
Acetone	< .05	mg/l	04/29/08 13:07	WG358226
Acrylonitrile	< .01	mg/l	04/29/08 13:07	WG358226
Benzene	< .001	mg/l	04/29/08 13:07	WG358226
Bromochloromethane	< .001	mg/l	04/29/08 13:07	WG358226
Bromodichloromethane	< .001	mg/l	04/29/08 13:07	WG358226
Bromoform	< .001	mg/l	04/29/08 13:07	WG358226
Bromomethane	< .005	mg/l	04/29/08 13:07	WG358226
Carbon disulfide	< .001	mg/l	04/29/08 13:07	WG358226
Carbon tetrachloride	< .001	mg/l	04/29/08 13:07	WG358226

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Quality Assurance Report
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May 06, 2008

Chlorobenzene	< .001	mg/l	04/29/08 13:07	WG358226

Laboratory Blank

Analyte	Result	Units	Date Analyzed	Batch
Chlorodibromomethane	< .001	mg/l	04/29/08 13:07	WG358226
Chloroethane	< .001	mg/l	04/29/08 13:07	WG358226
Chloroform	< .005	mg/l	04/29/08 13:07	WG358226
Chloromethane	< .001	mg/l	04/29/08 13:07	WG358226
cis-1,2-Dichloroethene	< .001	mg/l	04/29/08 13:07	WG358226
cis-1,3-Dichloropropene	< .001	mg/l	04/29/08 13:07	WG358226
Dibromomethane	< .001	mg/l	04/29/08 13:07	WG358226
Ethylbenzene	< .001	mg/l	04/29/08 13:07	WG358226
Iodomethane	< .01	mg/l	04/29/08 13:07	WG358226
Methylene Chloride	< .005	mg/l	04/29/08 13:07	WG358226
Styrene	< .001	mg/l	04/29/08 13:07	WG358226
Tetrachloroethene	< .001	mg/l	04/29/08 13:07	WG358226
Toluene	< .005	mg/l	04/29/08 13:07	WG358226
trans-1,2-Dichloroethene	< .001	mg/l	04/29/08 13:07	WG358226
trans-1,3-Dichloropropene	< .001	mg/l	04/29/08 13:07	WG358226
trans-1,4-Dichloro-2-butene	< .0025	mg/l	04/29/08 13:07	WG358226
Trichloroethene	< .001	mg/l	04/29/08 13:07	WG358226
Trichlorofluoromethane	< .005	mg/l	04/29/08 13:07	WG358226
Vinyl acetate	< .01	mg/l	04/29/08 13:07	WG358226
Vinyl chloride	< .001	mg/l	04/29/08 13:07	WG358226
Xylenes, Total	< .003	mg/l	04/29/08 13:07	WG358226
1,1,1,2-Tetrachloroethane	< .001	mg/l	04/29/08 15:06	WG358248
1,1,1-Trichloroethane	< .001	mg/l	04/29/08 15:06	WG358248
1,1,2,2-Tetrachloroethane	< .001	mg/l	04/29/08 15:06	WG358248
1,1,2-Trichloroethane	< .001	mg/l	04/29/08 15:06	WG358248
1,1-Dichloroethane	< .001	mg/l	04/29/08 15:06	WG358248
1,1-Dichloroethene	< .001	mg/l	04/29/08 15:06	WG358248
1,2,3-Trichloropropane	< .001	mg/l	04/29/08 15:06	WG358248
1,2-Dichlorobenzene	< .001	mg/l	04/29/08 15:06	WG358248
1,2-Dichloroethane	< .001	mg/l	04/29/08 15:06	WG358248
1,2-Dichloropropane	< .001	mg/l	04/29/08 15:06	WG358248
1,4-Dichlorobenzene	< .001	mg/l	04/29/08 15:06	WG358248
2-Butanone (MEK)	< .01	mg/l	04/29/08 15:06	WG358248
2-Hexanone	< .01	mg/l	04/29/08 15:06	WG358248
4-Methyl-2-pentanone (MIBK)	< .01	mg/l	04/29/08 15:06	WG358248
Acetone	< .05	mg/l	04/29/08 15:06	WG358248
Acrylonitrile	< .01	mg/l	04/29/08 15:06	WG358248
Benzene	< .001	mg/l	04/29/08 15:06	WG358248
Bromochloromethane	< .001	mg/l	04/29/08 15:06	WG358248
Bromodichloromethane	< .001	mg/l	04/29/08 15:06	WG358248
Bromoform	< .001	mg/l	04/29/08 15:06	WG358248
Bromomethane	< .005	mg/l	04/29/08 15:06	WG358248
Carbon disulfide	< .001	mg/l	04/29/08 15:06	WG358248
Carbon tetrachloride	< .001	mg/l	04/29/08 15:06	WG358248
Chlorobenzene	< .001	mg/l	04/29/08 15:06	WG358248
Chlorodibromomethane	< .001	mg/l	04/29/08 15:06	WG358248
Chloroethane	< .001	mg/l	04/29/08 15:06	WG358248
Chloroform	< .005	mg/l	04/29/08 15:06	WG358248
Chloromethane	< .001	mg/l	04/29/08 15:06	WG358248
cis-1,2-Dichloroethene	< .001	mg/l	04/29/08 15:06	WG358248
cis-1,3-Dichloropropene	< .001	mg/l	04/29/08 15:06	WG358248
Dibromomethane	< .001	mg/l	04/29/08 15:06	WG358248
Ethylbenzene	< .001	mg/l	04/29/08 15:06	WG358248
Iodomethane	< .01	mg/l	04/29/08 15:06	WG358248
Methylene Chloride	< .005	mg/l	04/29/08 15:06	WG358248
Styrene	< .001	mg/l	04/29/08 15:06	WG358248
Tetrachloroethene	< .001	mg/l	04/29/08 15:06	WG358248
Toluene	< .005	mg/l	04/29/08 15:06	WG358248

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trans-1,2-Dichloroethene	< .001	mg/l	04/29/08 15:06	WG358248

Laboratory Blank

Analyte	Result	Units	Date Analyzed	Batch
trans-1,3-Dichloropropene	< .001	mg/l	04/29/08 15:06	WG358248
trans-1,4-Dichloro-2-butene	< .0025	mg/l	04/29/08 15:06	WG358248
Trichloroethene	< .001	mg/l	04/29/08 15:06	WG358248
Trichlorofluoromethane	< .005	mg/l	04/29/08 15:06	WG358248
Vinyl acetate	< .01	mg/l	04/29/08 15:06	WG358248
Vinyl chloride	< .001	mg/l	04/29/08 15:06	WG358248
Xylenes, Total	< .003	mg/l	04/29/08 15:06	WG358248

Duplicate

Analyte	Units	Result	Duplicate	RPD	Limit	Ref Samp	Batch
Chloride	mg/l	19.9	20.0	0.501	20	L342224-07	WG357305
Chloride	mg/l	5.96	6.50	8.67	20	L342313-05	WG357305
Sulfate	mg/l	272.	274.	0.733	20	L342224-07	WG357305
Sulfate	mg/l	0.00	1.20	NA	20	L342313-05	WG357305
Antimony	mg/l	0.00138	0.00110	22.6	20	L342345-06	WG357338
Arsenic	mg/l	0.00	0.00	0.00	20	L342345-06	WG357338
Beryllium	mg/l	0.00	0.00	0.00	20	L342345-06	WG357338
Cadmium	mg/l	0.00	0.00034	NA	20	L342345-06	WG357338
Copper	mg/l	0.00207	0.00210	1.44	20	L342345-06	WG357338
Selenium	mg/l	0.00	0.00	0.00	20	L342345-06	WG357338
Thallium	mg/l	0.00	0.00	0.00	20	L342345-06	WG357338
Zinc	mg/l	0.0198	0.0180	9.52	20	L342345-06	WG357338
BOD	mg/l	0.00	0.00	0.00	10	L342350-01	WG357352
BOD	mg/l	0.00	61.0	NA	10	L342350-03	WG357352
Barium	mg/l	0.108	0.110	1.83	20	L342345-20	WG357393
Chromium	mg/l	0.00	0.00	0.00	20	L342345-20	WG357393
Cobalt	mg/l	0.00	0.00600	NA	20	L342345-20	WG357393
Iron	mg/l	0.818	0.775	5.40	20	L342345-20	WG357393
Lead	mg/l	0.00	0.00	0.00	20	L342345-20	WG357393
Manganese	mg/l	0.150	0.152	1.32	20	L342345-20	WG357393
Nickel	mg/l	0.00	0.00	0.00	20	L342345-20	WG357393
Silver	mg/l	0.00	0.00	0.00	20	L342345-20	WG357393
Vanadium	mg/l	0.00	0.00	0.00	20	L342345-20	WG357393
Sulfate	mg/l	14.8	13.7	7.72	20	L342356-01	WG357394
Sulfate	mg/l	0.00	0.00	0.00	20	L342399-08	WG357394
Antimony	mg/l	0.00	0.00	0.00	20	L342345-33	WG357395
Arsenic	mg/l	0.00	0.00026	NA	20	L342345-33	WG357395
Beryllium	mg/l	0.00	0.00	0.00	20	L342345-33	WG357395
Cadmium	mg/l	0.00	0.00	0.00	20	L342345-33	WG357395
Copper	mg/l	0.00101	0.00084	18.4	20	L342345-33	WG357395
Selenium	mg/l	0.00	0.00	0.00	20	L342345-33	WG357395
Thallium	mg/l	0.00	0.00	0.00	20	L342345-33	WG357395
Zinc	mg/l	0.00	0.00510	NA	20	L342345-33	WG357395
Mercury	mg/l	0.00	0.00017	NA	20	L342345-11	WG357397
Mercury	mg/l	0.00	0.00	0.00	20	L342345-19	WG357398
Dissolved Solids	mg/l	14.0	13.0	7.41	5	L342151-01	WG357442
Dissolved Solids	mg/l	0.00	9.00	NA	5	L342151-03	WG357443
Phosphorus,Total	mg/l	0.488	0.560	13.7	20	L342060-01	WG357482

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Analyte	Units	Duplicate Result	Duplicate	RPD	Limit	Ref Samp	Batch
Nitrate-Nitrite	mg/l	0.837	0.860	2.71	20	L342361-01	WG357491
Nitrate-Nitrite	mg/l	0.00	0.00	0.00	20	L342363-07	WG357491
Barium	mg/l	0.135	0.130	3.77	20	L342417-29	WG357509
Chromium	mg/l	0.0111	0.00	NA	20	L342417-29	WG357509
Cobalt	mg/l	0.00	0.00570	NA	20	L342417-29	WG357509
Iron	mg/l	17.5	17.6	0.570	20	L342417-29	WG357509
Lead	mg/l	0.0118	0.0100	16.5	20	L342417-29	WG357509
Manganese	mg/l	0.281	0.272	3.25	20	L342417-29	WG357509
Nickel	mg/l	0.00	0.0105	NA	20	L342417-29	WG357509
Silver	mg/l	0.00	0.00	0.00	20	L342417-29	WG357509
Vanadium	mg/l	0.0162	0.0146	10.4	20	L342417-29	WG357509
Barium	mg/l	0.00	0.00	0.00	20	L342408-08	WG357510
Chromium	mg/l	0.00	0.00	0.00	20	L342408-08	WG357510
Cobalt	mg/l	0.00	0.00	0.00	20	L342408-08	WG357510
Iron	mg/l	0.00	0.0223	NA	20	L342408-08	WG357510
Lead	mg/l	0.00	0.00	0.00	20	L342408-08	WG357510
Manganese	mg/l	0.00	0.00240	NA	20	L342408-08	WG357510
Nickel	mg/l	0.00	0.00	0.00	20	L342408-08	WG357510
Silver	mg/l	0.00	0.00	0.00	20	L342408-08	WG357510
Vanadium	mg/l	0.00	0.00	0.00	20	L342408-08	WG357510
Antimony	mg/l	0.00	0.00	0.00	20	L342421-06	WG357514
Arsenic	mg/l	0.00	0.00	0.00	20	L342421-06	WG357514
Beryllium	mg/l	0.00	0.00	0.00	20	L342421-06	WG357514
Cadmium	mg/l	0.00	0.00	0.00	20	L342421-06	WG357514
Copper	mg/l	0.00	0.00	0.00	20	L342421-06	WG357514
Selenium	mg/l	0.00	0.00	0.00	20	L342421-06	WG357514
Thallium	mg/l	0.00	0.00	0.00	20	L342421-06	WG357514
Zinc	mg/l	0.00	0.00	0.00	20	L342421-06	WG357514
Antimony	mg/l	0.00	0.00	0.00	20	L342473-08	WG357571
Arsenic	mg/l	0.00	0.00	0.00	20	L342473-08	WG357571
Beryllium	mg/l	0.00	0.00	0.00	20	L342473-08	WG357571
Cadmium	mg/l	0.00	0.00	0.00	20	L342473-08	WG357571
Copper	mg/l	0.00	0.00	0.00	20	L342473-08	WG357571
Selenium	mg/l	0.00	0.00	0.00	20	L342473-08	WG357571
Thallium	mg/l	0.00	0.00	0.00	20	L342473-08	WG357571
Zinc	mg/l	0.00	0.00	0.00	20	L342473-08	WG357571
Dissolved Solids	mg/l	294.	300.	2.02	5	L342273-01	WG357683
Suspended Solids	mg/l	11.0	11.0	0.00	5	L342277-01	WG357684
Suspended Solids	mg/l	27.5	28.0	1.80	5	L342463-02	WG357684
COD	mg/l	173.	180.	3.97	20	L342360-01	WG357950
COD	mg/l	0.00	0.00	0.00	20	L342440-08	WG357950
Alkalinity	mg/l	282.	290.	2.80	20	L342440-07	WG358184
Alkalinity	mg/l	140.	140.	0.00	20	L342224-04	WG358184

Analyte	Units	Laboratory Control Sample Known Val	Result	% Rec	Limit	Batch
Chloride	mg/l	40	38.3	95.8	90-110	WG357305
Sulfate	mg/l	40	37.7	94.3	90-110	WG357305
Antimony	mg/l	.0567	0.0496	87.5	85-115	WG357338

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Arsenic	mg/l	.0567	0.0523	92.2	85-115	WG357338

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
Beryllium	mg/l	.0567	0.0507	89.4	85-115	WG357338
Cadmium	mg/l	.0567	0.0506	89.2	85-115	WG357338
Copper	mg/l	.0567	0.0584	103.	85-115	WG357338
Selenium	mg/l	.0567	0.0507	89.4	85-115	WG357338
Thallium	mg/l	.0567	0.0546	96.3	85-115	WG357338
Zinc	mg/l	.0567	0.0540	95.2	85-115	WG357338
BOD	mg/l	198	219.	111.	85-115	WG357352
BOD	mg/l	198	207.	105.	85-115	WG357352
BOD	mg/l	198	215.	109.	85-115	WG357352
Barium	mg/l	1.13	1.10	97.3	85-115	WG357393
Chromium	mg/l	1.13	1.09	96.5	85-115	WG357393
Cobalt	mg/l	1.13	1.10	97.3	85-115	WG357393
Iron	mg/l	1.13	1.06	93.8	85-115	WG357393
Lead	mg/l	1.13	1.13	100.	85-115	WG357393
Manganese	mg/l	1.13	1.10	97.3	85-115	WG357393
Nickel	mg/l	1.13	1.09	96.5	85-115	WG357393
Silver	mg/l	1.13	1.02	90.3	85-115	WG357393
Vanadium	mg/l	1.13	1.06	93.8	85-115	WG357393
Sulfate	mg/l	40	36.9	92.3	90-110	WG357394
Antimony	mg/l	.0567	0.0527	92.9	85-115	WG357395
Arsenic	mg/l	.0567	0.0517	91.2	85-115	WG357395
Beryllium	mg/l	.0567	0.0502	88.5	85-115	WG357395
Cadmium	mg/l	.0567	0.0532	93.8	85-115	WG357395
Copper	mg/l	.0567	0.0570	101.	85-115	WG357395
Selenium	mg/l	.0567	0.0499	88.0	85-115	WG357395
Thallium	mg/l	.0567	0.0538	94.9	85-115	WG357395
Zinc	mg/l	.0567	0.0536	94.5	85-115	WG357395
Mercury	mg/l	.003	0.00269	89.7	85-115	WG357397
Mercury	mg/l	.003	0.00276	92.0	85-115	WG357398
Dissolved Solids	mg/l	8800	8450	96.0	85-115	WG357442
Dissolved Solids	mg/l	8800	8500	96.5	85-115	WG357443
Phosphorus,Total	mg/l	1	1.02	102.	85-115	WG357482
Nitrate-Nitrite	mg/l	5	4.74	94.8	85-115	WG357491
Barium	mg/l	1.13	1.12	99.1	85-115	WG357509
Chromium	mg/l	1.13	1.10	97.3	85-115	WG357509
Cobalt	mg/l	1.13	1.12	99.1	85-115	WG357509
Iron	mg/l	1.13	1.07	94.7	85-115	WG357509
Lead	mg/l	1.13	1.14	101.	85-115	WG357509
Manganese	mg/l	1.13	1.10	97.3	85-115	WG357509
Nickel	mg/l	1.13	1.10	97.3	85-115	WG357509
Silver	mg/l	1.13	1.05	92.9	85-115	WG357509
Vanadium	mg/l	1.13	1.08	95.6	85-115	WG357509
Barium	mg/l	1.13	1.13	100.	85-115	WG357510
Chromium	mg/l	1.13	1.12	99.1	85-115	WG357510
Cobalt	mg/l	1.13	1.13	100.	85-115	WG357510
Iron	mg/l	1.13	1.09	96.5	85-115	WG357510
Lead	mg/l	1.13	1.15	102.	85-115	WG357510

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Manganese	mg/l	1.13	1.14	101.	85-115	WG357510

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
Nickel	mg/l	1.13	1.12	99.1	85-115	WG357510
Silver	mg/l	1.13	1.08	95.6	85-115	WG357510
Vanadium	mg/l	1.13	1.10	97.3	85-115	WG357510
Antimony	mg/l	.0567	0.0528	93.1	85-115	WG357514
Arsenic	mg/l	.0567	0.0524	92.4	85-115	WG357514
Beryllium	mg/l	.0567	0.0518	91.4	85-115	WG357514
Cadmium	mg/l	.0567	0.0538	94.9	85-115	WG357514
Copper	mg/l	.0567	0.0571	101.	85-115	WG357514
Selenium	mg/l	.0567	0.0501	88.4	85-115	WG357514
Thallium	mg/l	.0567	0.0546	96.3	85-115	WG357514
Zinc	mg/l	.0567	0.0537	94.7	85-115	WG357514
Antimony	mg/l	.0567	0.0552	97.4	85-115	WG357571
Arsenic	mg/l	.0567	0.0547	96.5	85-115	WG357571
Beryllium	mg/l	.0567	0.0567	100.	85-115	WG357571
Cadmium	mg/l	.0567	0.0553	97.5	85-115	WG357571
Copper	mg/l	.0567	0.0610	108.	85-115	WG357571
Selenium	mg/l	.0567	0.0541	95.4	85-115	WG357571
Thallium	mg/l	.0567	0.0579	102.	85-115	WG357571
Zinc	mg/l	.0567	0.0572	101.	85-115	WG357571
Dissolved Solids	mg/l	8800	8450	96.0	85-115	WG357683
Suspended Solids	mg/l	778	788.	101.	85-115	WG357684
1,1,1,2-Tetrachloroethane	mg/l	.05	0.0561	112.	75-134	WG357948
1,1,1-Trichloroethane	mg/l	.05	0.0534	107.	67-137	WG357948
1,1,2,2-Tetrachloroethane	mg/l	.05	0.0584	117.	72-128	WG357948
1,1,2-Trichloroethane	mg/l	.05	0.0531	106.	79-123	WG357948
1,1-Dichloroethane	mg/l	.05	0.0574	115.	67-133	WG357948
1,1-Dichloroethene	mg/l	.05	0.0515	103.	60-130	WG357948
1,2,3-Trichloropropane	mg/l	.05	0.0481	96.1	68-130	WG357948
1,2-Dichlorobenzene	mg/l	.05	0.0518	104.	75-122	WG357948
1,2-Dichloroethane	mg/l	.05	0.0499	99.7	63-137	WG357948
1,2-Dichloropropane	mg/l	.05	0.0544	109.	74-122	WG357948
1,4-Dichlorobenzene	mg/l	.05	0.0461	92.3	70-121	WG357948
2-Butanone (MEK)	mg/l	.25	0.246	98.6	53-132	WG357948
2-Hexanone	mg/l	.25	0.204	81.6	56-147	WG357948
4-Methyl-2-pentanone (MIBK)	mg/l	.25	0.211	84.3	60-142	WG357948
Acetone	mg/l	.25	0.227	90.9	48-134	WG357948
Acrylonitrile	mg/l	.25	0.271	109.	60-140	WG357948
Benzene	mg/l	.05	0.0501	100.	67-126	WG357948
Bromochloromethane	mg/l	.05	0.0528	106.	75-128	WG357948
Bromodichloromethane	mg/l	.05	0.0564	113.	68-133	WG357948
Bromoform	mg/l	.05	0.0493	98.6	60-139	WG357948
Bromomethane	mg/l	.05	0.0356	71.1	45-175	WG357948
Carbon disulfide	mg/l	.05	0.0453	90.6	41-148	WG357948
Carbon tetrachloride	mg/l	.05	0.0517	103.	64-141	WG357948
Chlorobenzene	mg/l	.05	0.0492	98.4	77-125	WG357948
Chlorodibromomethane	mg/l	.05	0.0556	111.	73-138	WG357948
Chloroethane	mg/l	.05	0.0361	72.3	49-155	WG357948
Chloroform	mg/l	.05	0.0521	104.	66-126	WG357948
Chloromethane	mg/l	.05	0.0508	102.	45-152	WG357948
cis-1,2-Dichloroethene	mg/l	.05	0.0526	105.	72-128	WG357948
cis-1,3-Dichloropropene	mg/l	.05	0.0547	109.	73-131	WG357948
Dibromomethane	mg/l	.05	0.0490	98.0	73-125	WG357948
Ethylbenzene	mg/l	.05	0.0490	98.1	76-129	WG357948
Iodomethane	mg/l	.25	0.236	94.4	61-148	WG357948

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Methylene Chloride	mg/l	.05	0.0505	101.	64-125	WG357948

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
Styrene	mg/l	.05	0.0428	85.5	78-130	WG357948
Tetrachloroethene	mg/l	.05	0.0465	93.0	67-135	WG357948
Toluene	mg/l	.05	0.0460	92.0	72-122	WG357948
trans-1,2-Dichloroethene	mg/l	.05	0.0499	99.9	67-129	WG357948
trans-1,3-Dichloropropene	mg/l	.05	0.0502	100.	66-137	WG357948
trans-1,4-Dichloro-2-butene	mg/l	.05	0.0431	86.1	48-139	WG357948
Trichloroethene	mg/l	.05	0.0476	95.2	74-126	WG357948
Trichlorofluoromethane	mg/l	.05	0.0373	74.7	54-156	WG357948
Vinyl acetate	mg/l	.25	0.246	98.5	34-178	WG357948
Vinyl chloride	mg/l	.05	0.0368	73.6	55-153	WG357948
Xylenes, Total	mg/l	.15	0.154	102.	75-128	WG357948
COD	mg/l	383	385.	101.	90-110	WG357950
1,1,1,2-Tetrachloroethane	mg/l	.05	0.0534	107.	75-134	WG358050
1,1,1-Trichloroethane	mg/l	.05	0.0489	97.9	67-137	WG358050
1,1,2,2-Tetrachloroethane	mg/l	.05	0.0528	106.	72-128	WG358050
1,1,2-Trichloroethane	mg/l	.05	0.0525	105.	79-123	WG358050
1,1-Dichloroethane	mg/l	.05	0.0445	88.9	67-133	WG358050
1,1-Dichloroethene	mg/l	.05	0.0494	98.7	60-130	WG358050
1,2,3-Trichloropropane	mg/l	.05	0.0530	106.	68-130	WG358050
1,2-Dichlorobenzene	mg/l	.05	0.0492	98.5	75-122	WG358050
1,2-Dichloroethane	mg/l	.05	0.0475	94.9	63-137	WG358050
1,2-Dichloropropane	mg/l	.05	0.0501	100.	74-122	WG358050
1,4-Dichlorobenzene	mg/l	.05	0.0480	96.1	70-121	WG358050
2-Butanone (MEK)	mg/l	.25	0.237	94.8	53-132	WG358050
2-Hexanone	mg/l	.25	0.269	107.	56-147	WG358050
4-Methyl-2-pentanone (MIBK)	mg/l	.25	0.269	108.	60-142	WG358050
Acetone	mg/l	.25	0.225	90.0	48-134	WG358050
Acrylonitrile	mg/l	.25	0.222	88.6	60-140	WG358050
Benzene	mg/l	.05	0.0460	92.0	67-126	WG358050
Bromochloromethane	mg/l	.05	0.0480	96.1	75-128	WG358050
Bromodichloromethane	mg/l	.05	0.0479	95.9	68-133	WG358050
Bromoform	mg/l	.05	0.0553	111.	60-139	WG358050
Bromomethane	mg/l	.05	0.0524	105.	45-175	WG358050
Carbon disulfide	mg/l	.05	0.0447	89.4	41-148	WG358050
Carbon tetrachloride	mg/l	.05	0.0492	98.5	64-141	WG358050
Chlorobenzene	mg/l	.05	0.0519	104.	77-125	WG358050
Chlorodibromomethane	mg/l	.05	0.0556	111.	73-138	WG358050
Chloroethane	mg/l	.05	0.0501	100.	49-155	WG358050
Chloroform	mg/l	.05	0.0465	92.9	66-126	WG358050
Chloromethane	mg/l	.05	0.0658	132.	45-152	WG358050
cis-1,2-Dichloroethene	mg/l	.05	0.0467	93.4	72-128	WG358050
cis-1,3-Dichloropropene	mg/l	.05	0.0481	96.2	73-131	WG358050
Dibromomethane	mg/l	.05	0.0504	101.	73-125	WG358050
Ethylbenzene	mg/l	.05	0.0534	107.	76-129	WG358050
Iodomethane	mg/l	.25	0.217	86.8	61-148	WG358050
Methylene Chloride	mg/l	.05	0.0465	93.1	64-125	WG358050
Styrene	mg/l	.05	0.0518	104.	78-130	WG358050
Tetrachloroethene	mg/l	.05	0.0520	104.	67-135	WG358050
Toluene	mg/l	.05	0.0488	97.6	72-122	WG358050
trans-1,2-Dichloroethene	mg/l	.05	0.0485	96.9	67-129	WG358050
trans-1,3-Dichloropropene	mg/l	.05	0.0465	93.1	66-137	WG358050
trans-1,4-Dichloro-2-butene	mg/l	.05	0.0384	76.8	48-139	WG358050
Trichloroethene	mg/l	.05	0.0485	96.9	74-126	WG358050
Trichlorofluoromethane	mg/l	.05	0.0599	120.	54-156	WG358050
Vinyl acetate	mg/l	.25	0.225	89.8	34-178	WG358050
Vinyl chloride	mg/l	.05	0.0591	118.	55-153	WG358050
Xylenes, Total	mg/l	.15	0.156	104.	75-128	WG358050

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Quality Assurance Report
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Analyte	Units	Laboratory Control Sample Known Val	Result	% Rec	Limit	Batch
1,1,1,2-Tetrachloroethane	mg/l	.05	0.0523	105.	75-134	WG358061
1,1,1-Trichloroethane	mg/l	.05	0.0539	108.	67-137	WG358061
1,1,2,2-Tetrachloroethane	mg/l	.05	0.0539	108.	72-128	WG358061
1,1,2-Trichloroethane	mg/l	.05	0.0498	99.6	79-123	WG358061
1,1-Dichloroethane	mg/l	.05	0.0513	103.	67-133	WG358061
1,1-Dichloroethene	mg/l	.05	0.0510	102.	60-130	WG358061
1,2,3-Trichloropropane	mg/l	.05	0.0512	102.	68-130	WG358061
1,2-Dichlorobenzene	mg/l	.05	0.0489	97.8	75-122	WG358061
1,2-Dichloroethane	mg/l	.05	0.0497	99.3	63-137	WG358061
1,2-Dichloropropane	mg/l	.05	0.0503	101.	74-122	WG358061
1,4-Dichlorobenzene	mg/l	.05	0.0474	94.8	70-121	WG358061
2-Butanone (MEK)	mg/l	.25	0.283	113.	53-132	WG358061
2-Hexanone	mg/l	.25	0.264	106.	56-147	WG358061
4-Methyl-2-pentanone (MIBK)	mg/l	.25	0.267	107.	60-142	WG358061
Acetone	mg/l	.25	0.262	105.	48-134	WG358061
Acrylonitrile	mg/l	.25	0.246	98.5	60-140	WG358061
Benzene	mg/l	.05	0.0486	97.2	67-126	WG358061
Bromochloromethane	mg/l	.05	0.0490	97.9	75-128	WG358061
Bromodichloromethane	mg/l	.05	0.0513	103.	68-133	WG358061
Bromoform	mg/l	.05	0.0517	103.	60-139	WG358061
Bromomethane	mg/l	.05	0.0570	114.	45-175	WG358061
Carbon disulfide	mg/l	.05	0.0537	107.	41-148	WG358061
Carbon tetrachloride	mg/l	.05	0.0557	111.	64-141	WG358061
Chlorobenzene	mg/l	.05	0.0460	92.0	77-125	WG358061
Chlorodibromomethane	mg/l	.05	0.0485	97.0	73-138	WG358061
Chloroethane	mg/l	.05	0.0587	117.	49-155	WG358061
Chloroform	mg/l	.05	0.0474	94.7	66-126	WG358061
Chloromethane	mg/l	.05	0.0557	111.	45-152	WG358061
cis-1,2-Dichloroethene	mg/l	.05	0.0487	97.4	72-128	WG358061
cis-1,3-Dichloropropene	mg/l	.05	0.0523	105.	73-131	WG358061
Dibromomethane	mg/l	.05	0.0500	100.	73-125	WG358061
Ethylbenzene	mg/l	.05	0.0492	98.4	76-129	WG358061
Iodomethane	mg/l	.25	0.262	105.	61-148	WG358061
Methylene Chloride	mg/l	.05	0.0471	94.2	64-125	WG358061
Styrene	mg/l	.05	0.0496	99.1	78-130	WG358061
Tetrachloroethene	mg/l	.05	0.0499	99.9	67-135	WG358061
Toluene	mg/l	.05	0.0466	93.2	72-122	WG358061
trans-1,2-Dichloroethene	mg/l	.05	0.0512	102.	67-129	WG358061
trans-1,3-Dichloropropene	mg/l	.05	0.0523	105.	66-137	WG358061
trans-1,4-Dichloro-2-butene	mg/l	.05	0.0504	101.	48-139	WG358061
Trichloroethene	mg/l	.05	0.0485	96.9	74-126	WG358061
Trichlorofluoromethane	mg/l	.05	0.0581	116.	54-156	WG358061
Vinyl acetate	mg/l	.25	0.271	108.	34-178	WG358061
Vinyl chloride	mg/l	.05	0.0570	114.	55-153	WG358061
Xylenes, Total	mg/l	.15	0.144	95.9	75-128	WG358061
1,1,1,2-Tetrachloroethane	mg/l	.05	0.0517	103.	75-134	WG358132
1,1,1-Trichloroethane	mg/l	.05	0.0463	92.5	67-137	WG358132
1,1,2,2-Tetrachloroethane	mg/l	.05	0.0500	100.	72-128	WG358132
1,1,2-Trichloroethane	mg/l	.05	0.0477	95.4	79-123	WG358132
1,1-Dichloroethane	mg/l	.05	0.0420	84.1	67-133	WG358132
1,1-Dichloroethene	mg/l	.05	0.0400	80.1	60-130	WG358132
1,2,3-Trichloropropane	mg/l	.05	0.0510	102.	68-130	WG358132
1,2-Dichlorobenzene	mg/l	.05	0.0459	91.8	75-122	WG358132
1,2-Dichloroethane	mg/l	.05	0.0472	94.4	63-137	WG358132
1,2-Dichloropropane	mg/l	.05	0.0497	99.3	74-122	WG358132
1,4-Dichlorobenzene	mg/l	.05	0.0427	85.4	70-121	WG358132
2-Butanone (MEK)	mg/l	.25	0.224	89.6	53-132	WG358132
2-Hexanone	mg/l	.25	0.250	100.	56-147	WG358132

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4-Methyl-2-pentanone (MIBK)	mg/l	.25	0.255	102.	60-142	WG358132

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
Acetone	mg/l	.25	0.244	97.8	48-134	WG358132
Acrylonitrile	mg/l	.25	0.240	96.1	60-140	WG358132
Benzene	mg/l	.05	0.0403	80.7	67-126	WG358132
Bromochloromethane	mg/l	.05	0.0388	77.6	75-128	WG358132
Bromodichloromethane	mg/l	.05	0.0523	105.	68-133	WG358132
Bromoform	mg/l	.05	0.0467	93.4	60-139	WG358132
Bromomethane	mg/l	.05	0.0381	76.2	45-175	WG358132
Carbon disulfide	mg/l	.05	0.0287	57.4	41-148	WG358132
Carbon tetrachloride	mg/l	.05	0.0540	108.	64-141	WG358132
Chlorobenzene	mg/l	.05	0.0424	84.8	77-125	WG358132
Chlorodibromomethane	mg/l	.05	0.0511	102.	73-138	WG358132
Chloroethane	mg/l	.05	0.0393	78.6	49-155	WG358132
Chloroform	mg/l	.05	0.0442	88.4	66-126	WG358132
Chloromethane	mg/l	.05	0.0313	62.5	45-152	WG358132
cis-1,2-Dichloroethene	mg/l	.05	0.0397	79.5	72-128	WG358132
cis-1,3-Dichloropropene	mg/l	.05	0.0424	84.7	73-131	WG358132
Dibromomethane	mg/l	.05	0.0472	94.4	73-125	WG358132
Ethylbenzene	mg/l	.05	0.0412	82.5	76-129	WG358132
Iodomethane	mg/l	.25	0.198	79.4	61-148	WG358132
Methylene Chloride	mg/l	.05	0.0434	86.8	64-125	WG358132
Styrene	mg/l	.05	0.0438	87.6	78-130	WG358132
Tetrachloroethene	mg/l	.05	0.0380	76.0	67-135	WG358132
Toluene	mg/l	.05	0.0436	87.3	72-122	WG358132
trans-1,2-Dichloroethene	mg/l	.05	0.0417	83.5	67-129	WG358132
trans-1,3-Dichloropropene	mg/l	.05	0.0455	91.1	66-137	WG358132
trans-1,4-Dichloro-2-butene	mg/l	.05	0.0454	90.8	48-139	WG358132
Trichloroethene	mg/l	.05	0.0446	89.2	74-126	WG358132
Trichlorofluoromethane	mg/l	.05	0.0412	82.4	54-156	WG358132
Vinyl acetate	mg/l	.25	0.183	73.4	34-178	WG358132
Vinyl chloride	mg/l	.05	0.0333	66.5	55-153	WG358132
Xylenes, Total	mg/l	.15	0.122	81.3	75-128	WG358132
Alkalinity	mg/l	40	35.4	88.5	85-115	WG358184
1,1,1,2-Tetrachloroethane	mg/l	.05	0.0559	112.	75-134	WG358226
1,1,1-Trichloroethane	mg/l	.05	0.0484	96.8	67-137	WG358226
1,1,2,2-Tetrachloroethane	mg/l	.05	0.0467	93.4	72-128	WG358226
1,1,2-Trichloroethane	mg/l	.05	0.0490	98.0	79-123	WG358226
1,1-Dichloroethane	mg/l	.05	0.0437	87.3	67-133	WG358226
1,1-Dichloroethene	mg/l	.05	0.0413	82.5	60-130	WG358226
1,2,3-Trichloropropane	mg/l	.05	0.0513	103.	68-130	WG358226
1,2-Dichlorobenzene	mg/l	.05	0.0457	91.5	75-122	WG358226
1,2-Dichloroethane	mg/l	.05	0.0494	98.9	63-137	WG358226
1,2-Dichloropropane	mg/l	.05	0.0473	94.5	74-122	WG358226
1,4-Dichlorobenzene	mg/l	.05	0.0437	87.5	70-121	WG358226
2-Butanone (MEK)	mg/l	.25	0.202	80.7	53-132	WG358226
2-Hexanone	mg/l	.25	0.214	85.8	56-147	WG358226
4-Methyl-2-pentanone (MIBK)	mg/l	.25	0.216	86.5	60-142	WG358226
Acetone	mg/l	.25	0.234	93.8	48-134	WG358226
Acrylonitrile	mg/l	.25	0.228	91.2	60-140	WG358226
Benzene	mg/l	.05	0.0409	81.8	67-126	WG358226
Bromochloromethane	mg/l	.05	0.0426	85.2	75-128	WG358226
Bromodichloromethane	mg/l	.05	0.0526	105.	68-133	WG358226
Bromoform	mg/l	.05	0.0477	95.5	60-139	WG358226
Bromomethane	mg/l	.05	0.0455	91.1	45-175	WG358226
Carbon disulfide	mg/l	.05	0.0285	57.0	41-148	WG358226
Carbon tetrachloride	mg/l	.05	0.0587	117.	64-141	WG358226
Chlorobenzene	mg/l	.05	0.0449	89.8	77-125	WG358226
Chlorodibromomethane	mg/l	.05	0.0548	110.	73-138	WG358226

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Chloroethane	mg/l	.05	0.0419	83.8	49-155	WG358226

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
Chloroform	mg/l	.05	0.0453	90.7	66-126	WG358226
Chloromethane	mg/l	.05	0.0337	67.3	45-152	WG358226
cis-1,2-Dichloroethene	mg/l	.05	0.0403	80.7	72-128	WG358226
cis-1,3-Dichloropropene	mg/l	.05	0.0396	79.1	73-131	WG358226
Dibromomethane	mg/l	.05	0.0463	92.6	73-125	WG358226
Ethylbenzene	mg/l	.05	0.0427	85.5	76-129	WG358226
Iodomethane	mg/l	.25	0.228	91.1	61-148	WG358226
Methylene Chloride	mg/l	.05	0.0440	88.0	64-125	WG358226
Styrene	mg/l	.05	0.0464	92.8	78-130	WG358226
Tetrachloroethene	mg/l	.05	0.0394	78.9	67-135	WG358226
Toluene	mg/l	.05	0.0426	85.2	72-122	WG358226
trans-1,2-Dichloroethene	mg/l	.05	0.0432	86.3	67-129	WG358226
trans-1,3-Dichloropropene	mg/l	.05	0.0428	85.6	66-137	WG358226
trans-1,4-Dichloro-2-butene	mg/l	.05	0.0436	87.1	48-139	WG358226
Trichloroethene	mg/l	.05	0.0439	87.8	74-126	WG358226
Trichlorofluoromethane	mg/l	.05	0.0448	89.7	54-156	WG358226
Vinyl acetate	mg/l	.25	0.179	71.7	34-178	WG358226
Vinyl chloride	mg/l	.05	0.0363	72.5	55-153	WG358226
Xylenes, Total	mg/l	.15	0.131	87.0	75-128	WG358226
1,1,1,2-Tetrachloroethane	mg/l	.05	0.0521	104.	75-134	WG358248
1,1,1-Trichloroethane	mg/l	.05	0.0494	98.8	67-137	WG358248
1,1,2,2-Tetrachloroethane	mg/l	.05	0.0502	100.	72-128	WG358248
1,1,2-Trichloroethane	mg/l	.05	0.0524	105.	79-123	WG358248
1,1-Dichloroethane	mg/l	.05	0.0450	89.9	67-133	WG358248
1,1-Dichloroethene	mg/l	.05	0.0489	97.9	60-130	WG358248
1,2,3-Trichloropropane	mg/l	.05	0.0485	97.0	68-130	WG358248
1,2-Dichlorobenzene	mg/l	.05	0.0513	103.	75-122	WG358248
1,2-Dichloroethane	mg/l	.05	0.0472	94.4	63-137	WG358248
1,2-Dichloropropane	mg/l	.05	0.0516	103.	74-122	WG358248
1,4-Dichlorobenzene	mg/l	.05	0.0507	101.	70-121	WG358248
2-Butanone (MEK)	mg/l	.25	0.222	88.9	53-132	WG358248
2-Hexanone	mg/l	.25	0.262	105.	56-147	WG358248
4-Methyl-2-pentanone (MIBK)	mg/l	.25	0.264	106.	60-142	WG358248
Acetone	mg/l	.25	0.220	87.8	48-134	WG358248
Acrylonitrile	mg/l	.25	0.215	86.1	60-140	WG358248
Benzene	mg/l	.05	0.0461	92.2	67-126	WG358248
Bromochloromethane	mg/l	.05	0.0491	98.3	75-128	WG358248
Bromodichloromethane	mg/l	.05	0.0492	98.5	68-133	WG358248
Bromoform	mg/l	.05	0.0543	109.	60-139	WG358248
Bromomethane	mg/l	.05	0.0584	117.	45-175	WG358248
Carbon disulfide	mg/l	.05	0.0466	93.3	41-148	WG358248
Carbon tetrachloride	mg/l	.05	0.0479	95.8	64-141	WG358248
Chlorobenzene	mg/l	.05	0.0518	104.	77-125	WG358248
Chlorodibromomethane	mg/l	.05	0.0564	113.	73-138	WG358248
Chloroethane	mg/l	.05	0.0545	109.	49-155	WG358248
Chloroform	mg/l	.05	0.0469	93.9	66-126	WG358248
Chloromethane	mg/l	.05	0.0702	140.	45-152	WG358248
cis-1,2-Dichloroethene	mg/l	.05	0.0470	94.0	72-128	WG358248
cis-1,3-Dichloropropene	mg/l	.05	0.0486	97.2	73-131	WG358248
Dibromomethane	mg/l	.05	0.0504	101.	73-125	WG358248
Ethylbenzene	mg/l	.05	0.0535	107.	76-129	WG358248
Iodomethane	mg/l	.25	0.223	89.3	61-148	WG358248
Methylene Chloride	mg/l	.05	0.0457	91.4	64-125	WG358248
Styrene	mg/l	.05	0.0513	103.	78-130	WG358248
Tetrachloroethene	mg/l	.05	0.0533	107.	67-135	WG358248
Toluene	mg/l	.05	0.0498	99.7	72-122	WG358248
trans-1,2-Dichloroethene	mg/l	.05	0.0488	97.6	67-129	WG358248
trans-1,3-Dichloropropene	mg/l	.05	0.0473	94.5	66-137	WG358248

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

Tax I.D. 62-0814289

Est. 1970

S&ME Inc. - Charlotte NC
Courtney Withers
9751 Southern Pine Blvd.

Charlotte, NC 28273

Quality Assurance Report
Level II

L342345

May 06, 2008

trans-1,4-Dichloro-2-butene	mg/l	.05	0.0391	78.2	48-139	WG358248

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
Trichloroethene	mg/l	.05	0.0488	97.7	74-126	WG358248
Trichlorofluoromethane	mg/l	.05	0.0607	121.	54-156	WG358248
Vinyl acetate	mg/l	.25	0.228	91.0	34-178	WG358248
Vinyl chloride	mg/l	.05	0.0604	121.	55-153	WG358248
Xylenes, Total	mg/l	.15	0.156	104.	75-128	WG358248

Laboratory Control Sample Duplicate

Analyte	Units	LCSD Res	Ref Res	RPD	Limit	%Rec	Batch
Chloride	mg/l	38.2	38.3	0.261	20	96	WG357305
Sulfate	mg/l	37.5	37.7	0.532	20	94	WG357305
Sulfate	mg/l	37.1	36.9	0.541	20	93	WG357394
Dissolved Solids	mg/l	8420	8450	0.379	20	96	WG357442
Dissolved Solids	mg/l	8480	8500	0.236	20	96	WG357443
Phosphorus,Total	mg/l	0.999	1.02	2.08	20	100	WG357482
Nitrate-Nitrite	mg/l	4.51	4.74	4.97	20	90	WG357491
Dissolved Solids	mg/l	8490	8450	0.472	20	96	WG357683
Suspended Solids	mg/l	780.	788.	1.02	20	100	WG357684
1,1,1,2-Tetrachloroethane	mg/l	0.0506	0.0561	10.3	20	101	WG357948
1,1,1-Trichloroethane	mg/l	0.0474	0.0534	12.0	20	95	WG357948
1,1,2,2-Tetrachloroethane	mg/l	0.0502	0.0584	15.2	20	100	WG357948
1,1,2-Trichloroethane	mg/l	0.0475	0.0531	11.1	20	95	WG357948
1,1-Dichloroethane	mg/l	0.0509	0.0574	12.0	20	102	WG357948
1,1-Dichloroethene	mg/l	0.0475	0.0515	8.10	20	95	WG357948
1,2,3-Trichloropropane	mg/l	0.0439	0.0481	9.07	20	88	WG357948
1,2-Dichlorobenzene	mg/l	0.0475	0.0518	8.66	20	95	WG357948
1,2-Dichloroethane	mg/l	0.0442	0.0499	12.0	20	88	WG357948
1,2-Dichloropropane	mg/l	0.0484	0.0544	11.7	20	97	WG357948
1,4-Dichlorobenzene	mg/l	0.0429	0.0461	7.26	20	86	WG357948
2-Butanone (MEK)	mg/l	0.210	0.246	15.9	20	84	WG357948
2-Hexanone	mg/l	0.179	0.204	12.9	20	72	WG357948
4-Methyl-2-pentanone (MIBK)	mg/l	0.182	0.211	14.6	20	73	WG357948
Acetone	mg/l	0.192	0.227	16.7	20	77	WG357948
Acrylonitrile	mg/l	0.227	0.271	17.6	20	91	WG357948
Benzene	mg/l	0.0444	0.0501	12.2	20	89	WG357948
Bromochloromethane	mg/l	0.0465	0.0528	12.7	20	93	WG357948
Bromodichloromethane	mg/l	0.0504	0.0564	11.3	20	101	WG357948
Bromoform	mg/l	0.0448	0.0493	9.58	20	90	WG357948
Bromomethane	mg/l	0.0307	0.0356	14.8	20	61	WG357948
Carbon disulfide	mg/l	0.0386	0.0453	15.9	20	77	WG357948
Carbon tetrachloride	mg/l	0.0456	0.0517	12.6	20	91	WG357948
Chlorobenzene	mg/l	0.0446	0.0492	9.87	20	89	WG357948
Chlorodibromomethane	mg/l	0.0500	0.0556	10.7	20	100	WG357948
Chloroethane	mg/l	0.0305	0.0361	17.0	20	61	WG357948
Chloroform	mg/l	0.0475	0.0521	9.41	20	95	WG357948
Chloromethane	mg/l	0.0436	0.0508	15.2	20	87	WG357948
cis-1,2-Dichloroethene	mg/l	0.0467	0.0526	11.9	20	93	WG357948
cis-1,3-Dichloropropene	mg/l	0.0488	0.0547	11.6	20	98	WG357948
Dibromomethane	mg/l	0.0422	0.0490	14.9	20	84	WG357948
Ethylbenzene	mg/l	0.0448	0.0490	9.02	20	90	WG357948
Iodomethane	mg/l	0.207	0.236	13.0	20	83	WG357948

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Methylene Chloride	mg/l	0.0470	0.0505	7.19	20	94	WG357948

Laboratory Control Sample Duplicate

Analyte	Units	LCSD Res	Ref Res	RPD	Limit	%Rec	Batch
Styrene	mg/l	0.0398	0.0428	7.18	20	80	WG357948
Tetrachloroethene	mg/l	0.0409	0.0465	12.8	20	82	WG357948
Toluene	mg/l	0.0414	0.0460	10.7	20	83	WG357948
trans-1,2-Dichloroethene	mg/l	0.0445	0.0499	11.5	20	89	WG357948
trans-1,3-Dichloropropene	mg/l	0.0448	0.0502	11.4	20	90	WG357948
trans-1,4-Dichloro-2-butene	mg/l	0.0369	0.0431	15.6	20	74	WG357948
Trichloroethene	mg/l	0.0417	0.0476	13.2	20	83	WG357948
Trichlorofluoromethane	mg/l	0.0309	0.0373	18.7	20	62	WG357948
Vinyl acetate	mg/l	0.218	0.246	12.0	26	87	WG357948
Vinyl chloride	mg/l	0.0319	0.0368	14.4	20	64	WG357948
Xylenes, Total	mg/l	0.140	0.154	9.10	20	93	WG357948
COD	mg/l	380.	385.	1.31	20	99	WG357950
1,1,1,2-Tetrachloroethane	mg/l	0.0513	0.0534	4.09	20	103	WG358050
1,1,1-Trichloroethane	mg/l	0.0482	0.0489	1.54	20	96	WG358050
1,1,2,2-Tetrachloroethane	mg/l	0.0524	0.0528	0.754	20	105	WG358050
1,1,2-Trichloroethane	mg/l	0.0523	0.0525	0.336	20	105	WG358050
1,1-Dichloroethane	mg/l	0.0431	0.0445	3.12	20	86	WG358050
1,1-Dichloroethene	mg/l	0.0458	0.0494	7.42	20	92	WG358050
1,2,3-Trichloropropane	mg/l	0.0518	0.0530	2.27	20	104	WG358050
1,2-Dichlorobenzene	mg/l	0.0498	0.0492	1.21	20	100	WG358050
1,2-Dichloroethane	mg/l	0.0467	0.0475	1.71	20	93	WG358050
1,2-Dichloropropane	mg/l	0.0506	0.0501	0.987	20	101	WG358050
1,4-Dichlorobenzene	mg/l	0.0493	0.0480	2.52	20	99	WG358050
2-Butanone (MEK)	mg/l	0.240	0.237	1.25	20	96	WG358050
2-Hexanone	mg/l	0.270	0.269	0.610	20	108	WG358050
4-Methyl-2-pentanone (MIBK)	mg/l	0.274	0.269	1.59	20	109	WG358050
Acetone	mg/l	0.230	0.225	2.22	20	92	WG358050
Acrylonitrile	mg/l	0.225	0.222	1.61	20	90	WG358050
Benzene	mg/l	0.0449	0.0460	2.35	20	90	WG358050
Bromochloromethane	mg/l	0.0485	0.0480	0.919	20	97	WG358050
Bromodichloromethane	mg/l	0.0484	0.0479	0.945	20	97	WG358050
Bromoform	mg/l	0.0567	0.0553	2.41	20	113	WG358050
Bromomethane	mg/l	0.0509	0.0524	2.90	20	102	WG358050
Carbon disulfide	mg/l	0.0425	0.0447	4.92	20	85	WG358050
Carbon tetrachloride	mg/l	0.0482	0.0492	2.12	20	96	WG358050
Chlorobenzene	mg/l	0.0512	0.0519	1.34	20	102	WG358050
Chlorodibromomethane	mg/l	0.0569	0.0556	2.20	20	114	WG358050
Chloroethane	mg/l	0.0500	0.0501	0.214	20	100	WG358050
Chloroform	mg/l	0.0449	0.0465	3.54	20	90	WG358050
Chloromethane	mg/l	0.0626	0.0658	5.01	20	125	WG358050
cis-1,2-Dichloroethene	mg/l	0.0458	0.0467	1.98	20	92	WG358050
cis-1,3-Dichloropropene	mg/l	0.0468	0.0481	2.60	20	94	WG358050
Dibromomethane	mg/l	0.0489	0.0504	2.86	20	98	WG358050
Ethylbenzene	mg/l	0.0519	0.0534	2.84	20	104	WG358050
Iodomethane	mg/l	0.211	0.217	2.83	20	84	WG358050
Methylene Chloride	mg/l	0.0459	0.0465	1.41	20	92	WG358050
Styrene	mg/l	0.0501	0.0518	3.47	20	100	WG358050
Tetrachloroethene	mg/l	0.0506	0.0520	2.89	20	101	WG358050
Toluene	mg/l	0.0478	0.0488	1.95	20	96	WG358050
trans-1,2-Dichloroethene	mg/l	0.0472	0.0485	2.67	20	94	WG358050
trans-1,3-Dichloropropene	mg/l	0.0464	0.0465	0.392	20	93	WG358050
trans-1,4-Dichloro-2-butene	mg/l	0.0388	0.0384	0.988	20	78	WG358050
Trichloroethene	mg/l	0.0470	0.0485	3.13	20	94	WG358050
Trichlorofluoromethane	mg/l	0.0567	0.0599	5.62	20	113	WG358050
Vinyl acetate	mg/l	0.228	0.225	1.60	26	91	WG358050
Vinyl chloride	mg/l	0.0551	0.0591	7.03	20	110	WG358050
Xylenes, Total	mg/l	0.152	0.156	2.76	20	101	WG358050

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Analyte	Units	Laboratory Control Sample Duplicate LCSD Res	Ref Res	RPD	Limit	%Rec	Batch
1,1,1,2-Tetrachloroethane	mg/l	0.0539	0.0523	2.88	17	108	WG358061
1,1,1-Trichloroethane	mg/l	0.0515	0.0539	4.58	17	103	WG358061
1,1,2,2-Tetrachloroethane	mg/l	0.0533	0.0539	1.20	16	107	WG358061
1,1,2-Trichloroethane	mg/l	0.0505	0.0498	1.31	16	101	WG358061
1,1-Dichloroethane	mg/l	0.0515	0.0513	0.328	22	103	WG358061
1,1-Dichloroethene	mg/l	0.0507	0.0510	0.605	17	101	WG358061
1,2,3-Trichloropropane	mg/l	0.0499	0.0512	2.59	18	100	WG358061
1,2-Dichlorobenzene	mg/l	0.0487	0.0489	0.430	16	97	WG358061
1,2-Dichloroethane	mg/l	0.0500	0.0497	0.735	15	100	WG358061
1,2-Dichloropropane	mg/l	0.0504	0.0503	0.136	18	101	WG358061
1,4-Dichlorobenzene	mg/l	0.0458	0.0474	3.35	17	92	WG358061
2-Butanone (MEK)	mg/l	0.250	0.283	12.2	22	100	WG358061
2-Hexanone	mg/l	0.237	0.264	10.8	19	95	WG358061
4-Methyl-2-pentanone (MIBK)	mg/l	0.240	0.267	10.9	21	96	WG358061
Acetone	mg/l	0.231	0.262	12.5	20	93	WG358061
Acrylonitrile	mg/l	0.220	0.246	11.1	20	88	WG358061
Benzene	mg/l	0.0481	0.0486	1.06	16	96	WG358061
Bromochloromethane	mg/l	0.0492	0.0490	0.379	17	98	WG358061
Bromodichloromethane	mg/l	0.0507	0.0513	1.21	17	101	WG358061
Bromoform	mg/l	0.0508	0.0517	1.78	15	102	WG358061
Bromomethane	mg/l	0.0571	0.0570	0.145	21	114	WG358061
Carbon disulfide	mg/l	0.0474	0.0537	12.5	20	95	WG358061
Carbon tetrachloride	mg/l	0.0530	0.0557	4.89	17	106	WG358061
Chlorobenzene	mg/l	0.0459	0.0460	0.129	16	92	WG358061
Chlorodibromomethane	mg/l	0.0485	0.0485	0.0238	15	97	WG358061
Chloroethane	mg/l	0.0569	0.0587	3.10	24	114	WG358061
Chloroform	mg/l	0.0467	0.0474	1.42	15	93	WG358061
Chloromethane	mg/l	0.0553	0.0557	0.606	22	111	WG358061
cis-1,2-Dichloroethene	mg/l	0.0485	0.0487	0.346	15	97	WG358061
cis-1,3-Dichloropropene	mg/l	0.0519	0.0523	0.756	18	104	WG358061
Dibromomethane	mg/l	0.0494	0.0500	1.21	16	99	WG358061
Ethylbenzene	mg/l	0.0476	0.0492	3.37	17	95	WG358061
Iodomethane	mg/l	0.242	0.262	7.88	22	97	WG358061
Methylene Chloride	mg/l	0.0485	0.0471	2.93	17	97	WG358061
Styrene	mg/l	0.0480	0.0496	3.09	17	96	WG358061
Tetrachloroethene	mg/l	0.0479	0.0499	4.18	18	96	WG358061
Toluene	mg/l	0.0448	0.0466	4.02	18	90	WG358061
trans-1,2-Dichloroethene	mg/l	0.0512	0.0512	0.104	22	102	WG358061
trans-1,3-Dichloropropene	mg/l	0.0519	0.0523	0.651	18	104	WG358061
trans-1,4-Dichloro-2-butene	mg/l	0.0484	0.0504	3.93	20	97	WG358061
Trichloroethene	mg/l	0.0476	0.0485	1.79	16	95	WG358061
Trichlorofluoromethane	mg/l	0.0544	0.0581	6.52	19	109	WG358061
Vinyl acetate	mg/l	0.258	0.271	4.63	23	103	WG358061
Vinyl chloride	mg/l	0.0556	0.0570	2.44	17	111	WG358061
Xylenes, Total	mg/l	0.141	0.144	2.22	17	94	WG358061
1,1,1,2-Tetrachloroethane	mg/l	0.0495	0.0517	4.43	20	99	WG358132
1,1,1-Trichloroethane	mg/l	0.0447	0.0463	3.43	20	89	WG358132
1,1,2,2-Tetrachloroethane	mg/l	0.0498	0.0500	0.416	20	100	WG358132
1,1,2-Trichloroethane	mg/l	0.0475	0.0477	0.397	20	95	WG358132
1,1-Dichloroethane	mg/l	0.0402	0.0420	4.52	20	80	WG358132
1,1-Dichloroethene	mg/l	0.0389	0.0400	2.96	20	78	WG358132
1,2,3-Trichloropropane	mg/l	0.0512	0.0510	0.358	20	102	WG358132
1,2-Dichlorobenzene	mg/l	0.0455	0.0459	0.835	20	91	WG358132
1,2-Dichloroethane	mg/l	0.0479	0.0472	1.39	20	96	WG358132
1,2-Dichloropropane	mg/l	0.0470	0.0497	5.55	20	94	WG358132
1,4-Dichlorobenzene	mg/l	0.0419	0.0427	1.96	20	84	WG358132
2-Butanone (MEK)	mg/l	0.239	0.224	6.52	20	96	WG358132
2-Hexanone	mg/l	0.253	0.250	1.26	20	101	WG358132

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4-Methyl-2-pentanone (MIBK)	mg/l	0.260	0.255	2.22	20	104	WG358132

Laboratory Control Sample Duplicate

Analyte	Units	LCSD Res	Ref Res	RPD	Limit	%Rec	Batch
Acetone	mg/l	0.251	0.244	2.84	20	101	WG358132
Acrylonitrile	mg/l	0.232	0.240	3.43	20	93	WG358132
Benzene	mg/l	0.0392	0.0403	2.80	20	78	WG358132
Bromochloromethane	mg/l	0.0385	0.0388	0.724	20	77	WG358132
Bromodichloromethane	mg/l	0.0497	0.0523	5.12	20	99	WG358132
Bromoform	mg/l	0.0466	0.0467	0.143	20	93	WG358132
Bromomethane	mg/l	0.0370	0.0381	2.84	20	74	WG358132
Carbon disulfide	mg/l	0.0280	0.0287	2.39	20	56	WG358132
Carbon tetrachloride	mg/l	0.0510	0.0540	5.76	20	102	WG358132
Chlorobenzene	mg/l	0.0406	0.0424	4.43	20	81	WG358132
Chlorodibromomethane	mg/l	0.0504	0.0511	1.37	20	101	WG358132
Chloroethane	mg/l	0.0366	0.0393	7.20	20	73	WG358132
Chloroform	mg/l	0.0431	0.0442	2.37	20	86	WG358132
Chloromethane	mg/l	0.0314	0.0313	0.449	20	63	WG358132
cis-1,2-Dichloroethene	mg/l	0.0388	0.0397	2.43	20	78	WG358132
cis-1,3-Dichloropropene	mg/l	0.0417	0.0424	1.53	20	83	WG358132
Dibromomethane	mg/l	0.0458	0.0472	3.10	20	92	WG358132
Ethylbenzene	mg/l	0.0387	0.0412	6.23	20	77	WG358132
Iodomethane	mg/l	0.198	0.198	0.0027	20	79	WG358132
Methylene Chloride	mg/l	0.0433	0.0434	0.245	20	87	WG358132
Styrene	mg/l	0.0425	0.0438	3.10	20	85	WG358132
Tetrachloroethene	mg/l	0.0357	0.0380	6.36	20	71	WG358132
Toluene	mg/l	0.0417	0.0436	4.64	20	83	WG358132
trans-1,2-Dichloroethene	mg/l	0.0387	0.0417	7.54	20	77	WG358132
trans-1,3-Dichloropropene	mg/l	0.0452	0.0455	0.771	20	90	WG358132
trans-1,4-Dichloro-2-butene	mg/l	0.0454	0.0454	0.0958	20	91	WG358132
Trichloroethene	mg/l	0.0422	0.0446	5.58	20	84	WG358132
Trichlorofluoromethane	mg/l	0.0384	0.0412	6.94	20	77	WG358132
Vinyl acetate	mg/l	0.185	0.183	0.821	26	74	WG358132
Vinyl chloride	mg/l	0.0316	0.0333	5.12	20	63	WG358132
Xylenes, Total	mg/l	0.117	0.122	4.13	20	78	WG358132
Alkalinity	mg/l	36.0	35.4	1.68	20	90	WG358184
1,1,1,2-Tetrachloroethane	mg/l	0.0537	0.0559	3.87	20	107	WG358226
1,1,1-Trichloroethane	mg/l	0.0459	0.0484	5.36	20	92	WG358226
1,1,2,2-Tetrachloroethane	mg/l	0.0487	0.0467	4.10	20	97	WG358226
1,1,2-Trichloroethane	mg/l	0.0475	0.0490	3.05	20	95	WG358226
1,1-Dichloroethane	mg/l	0.0420	0.0437	3.77	20	84	WG358226
1,1-Dichloroethene	mg/l	0.0406	0.0413	1.47	20	81	WG358226
1,2,3-Trichloropropane	mg/l	0.0521	0.0513	1.56	20	104	WG358226
1,2-Dichlorobenzene	mg/l	0.0452	0.0457	1.24	20	90	WG358226
1,2-Dichloroethane	mg/l	0.0494	0.0494	0.122	20	99	WG358226
1,2-Dichloropropane	mg/l	0.0466	0.0473	1.39	20	93	WG358226
1,4-Dichlorobenzene	mg/l	0.0408	0.0437	7.01	20	82	WG358226
2-Butanone (MEK)	mg/l	0.213	0.202	5.66	20	85	WG358226
2-Hexanone	mg/l	0.234	0.214	8.56	20	93	WG358226
4-Methyl-2-pentanone (MIBK)	mg/l	0.236	0.216	8.75	20	94	WG358226
Acetone	mg/l	0.249	0.234	6.06	20	100	WG358226
Acrylonitrile	mg/l	0.227	0.228	0.518	20	91	WG358226
Benzene	mg/l	0.0400	0.0409	2.27	20	80	WG358226
Bromochloromethane	mg/l	0.0411	0.0426	3.51	20	82	WG358226
Bromodichloromethane	mg/l	0.0514	0.0526	2.39	20	103	WG358226
Bromoform	mg/l	0.0473	0.0477	0.910	20	95	WG358226
Bromomethane	mg/l	0.0438	0.0455	3.96	20	88	WG358226
Carbon disulfide	mg/l	0.0274	0.0285	3.89	20	55	WG358226
Carbon tetrachloride	mg/l	0.0541	0.0587	8.06	20	108	WG358226
Chlorobenzene	mg/l	0.0433	0.0449	3.59	20	87	WG358226
Chlorodibromomethane	mg/l	0.0542	0.0548	1.01	20	108	WG358226

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May 06, 2008

Chloroethane	mg/l	0.0399	0.0419	5.01	20	80	WG358226

Laboratory Control Sample Duplicate

Analyte	Units	LCSD Res	Ref Res	RPD	Limit	%Rec	Batch
Chloroform	mg/l	0.0438	0.0453	3.48	20	88	WG358226
Chloromethane	mg/l	0.0324	0.0337	3.72	20	65	WG358226
cis-1,2-Dichloroethene	mg/l	0.0389	0.0403	3.54	20	78	WG358226
cis-1,3-Dichloropropene	mg/l	0.0410	0.0396	3.55	20	82	WG358226
Dibromomethane	mg/l	0.0467	0.0463	0.968	20	93	WG358226
Ethylbenzene	mg/l	0.0410	0.0427	4.08	20	82	WG358226
Iodomethane	mg/l	0.218	0.228	4.35	20	87	WG358226
Methylene Chloride	mg/l	0.0427	0.0440	2.97	20	85	WG358226
Styrene	mg/l	0.0445	0.0464	4.08	20	89	WG358226
Tetrachloroethene	mg/l	0.0365	0.0394	7.72	20	73	WG358226
Toluene	mg/l	0.0415	0.0426	2.57	20	83	WG358226
trans-1,2-Dichloroethene	mg/l	0.0394	0.0432	9.09	20	79	WG358226
trans-1,3-Dichloropropene	mg/l	0.0444	0.0428	3.73	20	89	WG358226
trans-1,4-Dichloro-2-butene	mg/l	0.0449	0.0436	2.92	20	90	WG358226
Trichloroethene	mg/l	0.0423	0.0439	3.65	20	85	WG358226
Trichlorofluoromethane	mg/l	0.0422	0.0448	6.06	20	84	WG358226
Vinyl acetate	mg/l	0.183	0.179	2.26	26	73	WG358226
Vinyl chloride	mg/l	0.0328	0.0363	9.92	20	66	WG358226
Xylenes, Total	mg/l	0.125	0.131	4.31	20	83	WG358226
1,1,1,2-Tetrachloroethane	mg/l	0.0481	0.0521	8.03	20	96	WG358248
1,1,1-Trichloroethane	mg/l	0.0461	0.0494	6.88	20	92	WG358248
1,1,2,2-Tetrachloroethane	mg/l	0.0477	0.0502	4.99	20	95	WG358248
1,1,2-Trichloroethane	mg/l	0.0488	0.0524	7.06	20	98	WG358248
1,1-Dichloroethane	mg/l	0.0418	0.0450	7.31	20	84	WG358248
1,1-Dichloroethene	mg/l	0.0457	0.0489	6.84	20	91	WG358248
1,2,3-Trichloropropane	mg/l	0.0458	0.0485	5.64	20	92	WG358248
1,2-Dichlorobenzene	mg/l	0.0470	0.0513	8.61	20	94	WG358248
1,2-Dichloroethane	mg/l	0.0453	0.0472	4.17	20	91	WG358248
1,2-Dichloropropane	mg/l	0.0491	0.0516	4.92	20	98	WG358248
1,4-Dichlorobenzene	mg/l	0.0455	0.0507	10.6	20	91	WG358248
2-Butanone (MEK)	mg/l	0.219	0.222	1.53	20	88	WG358248
2-Hexanone	mg/l	0.242	0.262	7.58	20	97	WG358248
4-Methyl-2-pentanone (MIBK)	mg/l	0.248	0.264	6.18	20	99	WG358248
Acetone	mg/l	0.209	0.220	4.83	20	84	WG358248
Acrylonitrile	mg/l	0.213	0.215	0.941	20	85	WG358248
Benzene	mg/l	0.0429	0.0461	7.32	20	86	WG358248
Bromochloromethane	mg/l	0.0452	0.0491	8.42	20	90	WG358248
Bromodichloromethane	mg/l	0.0468	0.0492	5.06	20	94	WG358248
Bromoform	mg/l	0.0493	0.0543	9.66	20	99	WG358248
Bromomethane	mg/l	0.0550	0.0584	6.03	20	110	WG358248
Carbon disulfide	mg/l	0.0430	0.0466	8.07	20	86	WG358248
Carbon tetrachloride	mg/l	0.0454	0.0479	5.23	20	91	WG358248
Chlorobenzene	mg/l	0.0472	0.0518	9.25	20	94	WG358248
Chlorodibromomethane	mg/l	0.0520	0.0564	8.09	20	104	WG358248
Chloroethane	mg/l	0.0512	0.0545	6.19	20	102	WG358248
Chloroform	mg/l	0.0436	0.0469	7.42	20	87	WG358248
Chloromethane	mg/l	0.0654	0.0702	7.12	20	131	WG358248
cis-1,2-Dichloroethene	mg/l	0.0439	0.0470	6.86	20	88	WG358248
cis-1,3-Dichloropropene	mg/l	0.0463	0.0486	4.95	20	93	WG358248
Dibromomethane	mg/l	0.0501	0.0504	0.733	20	100	WG358248
Ethylbenzene	mg/l	0.0480	0.0535	10.9	20	96	WG358248
Iodomethane	mg/l	0.209	0.223	6.66	20	84	WG358248
Methylene Chloride	mg/l	0.0450	0.0457	1.65	20	90	WG358248
Styrene	mg/l	0.0472	0.0513	8.29	20	94	WG358248
Tetrachloroethene	mg/l	0.0478	0.0533	11.0	20	96	WG358248
Toluene	mg/l	0.0452	0.0498	9.72	20	90	WG358248
trans-1,2-Dichloroethene	mg/l	0.0462	0.0488	5.43	20	92	WG358248
trans-1,3-Dichloropropene	mg/l	0.0454	0.0473	3.90	20	91	WG358248

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trans-1,4-Dichloro-2-butene	mg/l	0.0337	0.0391	14.8	20	67	WG358248

Laboratory Control Sample Duplicate

Analyte	Units	LCSD Res	Ref Res	RPD	Limit	%Rec	Batch
Trichloroethene	mg/l	0.0442	0.0488	9.83	20	88	WG358248
Trichlorofluoromethane	mg/l	0.0547	0.0607	10.3	20	109	WG358248
Vinyl acetate	mg/l	0.224	0.228	1.78	26	89	WG358248
Vinyl chloride	mg/l	0.0563	0.0604	7.09	20	113	WG358248
Xylenes, Total	mg/l	0.141	0.156	10.3	20	94	WG358248

Matrix Spike

Analyte	Units	MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
Chloride	mg/l	79.0	28.0	50	102.	80-120	L342224-08	WG357305
Sulfate	mg/l	213.	180.	50	66.0	80-120	L342224-08	WG357305
Antimony	mg/l	0.0523	0.0011	.0567	90.3	75-125	L342345-06	WG357338
Arsenic	mg/l	0.0506	0.00	.0567	89.2	75-125	L342345-06	WG357338
Beryllium	mg/l	0.0483	0.00	.0567	85.2	75-125	L342345-06	WG357338
Cadmium	mg/l	0.0521	0.0003	.0567	91.3	75-125	L342345-06	WG357338
Copper	mg/l	0.0558	0.0021	.0567	94.7	75-125	L342345-06	WG357338
Selenium	mg/l	0.0473	0.00	.0567	83.4	75-125	L342345-06	WG357338
Thallium	mg/l	0.0527	0.00	.0567	92.9	75-125	L342345-06	WG357338
Zinc	mg/l	0.0727	0.0180	.0567	96.5	75-125	L342345-06	WG357338
Barium	mg/l	1.23	0.110	1.13	99.1	75-125	L342345-20	WG357393
Chromium	mg/l	1.08	0.00	1.13	95.6	75-125	L342345-20	WG357393
Cobalt	mg/l	1.12	0.0060	1.13	98.6	75-125	L342345-20	WG357393
Iron	mg/l	1.76	0.775	1.13	87.2	75-125	L342345-20	WG357393
Lead	mg/l	1.12	0.00	1.13	99.1	75-125	L342345-20	WG357393
Manganese	mg/l	1.25	0.152	1.13	97.2	75-125	L342345-20	WG357393
Nickel	mg/l	1.09	0.00	1.13	96.5	75-125	L342345-20	WG357393
Silver	mg/l	0.932	0.00	1.13	82.5	75-125	L342345-20	WG357393
Vanadium	mg/l	1.07	0.00	1.13	94.7	75-125	L342345-20	WG357393
Sulfate	mg/l	50.4	1.10	50	98.6	80-120	L342353-05	WG357394
Antimony	mg/l	0.0537	0.00	.0567	94.7	75-125	L342345-33	WG357395
Arsenic	mg/l	0.0518	0.0002	.0567	90.9	75-125	L342345-33	WG357395
Beryllium	mg/l	0.0487	0.00	.0567	85.9	75-125	L342345-33	WG357395
Cadmium	mg/l	0.0539	0.00	.0567	95.1	75-125	L342345-33	WG357395
Copper	mg/l	0.0567	0.0008	.0567	98.5	75-125	L342345-33	WG357395
Selenium	mg/l	0.0485	0.00	.0567	85.5	75-125	L342345-33	WG357395
Thallium	mg/l	0.0548	0.00	.0567	96.6	75-125	L342345-33	WG357395
Zinc	mg/l	0.0568	0.0051	.0567	91.2	75-125	L342345-33	WG357395
Mercury	mg/l	0.0025	0.0001	.003	80.7	70-130	L342345-11	WG357397
Mercury	mg/l	0.0028	0.00	.003	95.0	70-130	L342345-19	WG357398
Phosphorus,Total	mg/l	5.45	2.90	2.5	102.	80-120	L342280-02	WG357482
Nitrate-Nitrite	mg/l	5.37	0.00	5	107.	80-120	L342363-01	WG357491
Barium	mg/l	1.20	0.130	1.13	94.7	75-125	L342417-29	WG357509
Chromium	mg/l	1.09	0.00	1.13	96.5	75-125	L342417-29	WG357509
Cobalt	mg/l	1.08	0.0057	1.13	95.1	75-125	L342417-29	WG357509
Iron	mg/l	17.7	17.6	1.13	8.8	75-125	L342417-29	WG357509
Lead	mg/l	1.11	0.0100	1.13	97.3	75-125	L342417-29	WG357509
Manganese	mg/l	1.37	0.272	1.13	97.2	75-125	L342417-29	WG357509
Nickel	mg/l	1.09	0.0105	1.13	95.5	75-125	L342417-29	WG357509
Silver	mg/l	0.214	0.00	1.13	18.9	75-125	L342417-29	WG357509
Vanadium	mg/l	1.08	0.0146	1.13	94.3	75-125	L342417-29	WG357509

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Analyte	Units	Matrix Spike MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
Barium	mg/l	1.14	0.00	1.13	101.	75-125	L342408-08	WG357510
Chromium	mg/l	1.12	0.00	1.13	99.1	75-125	L342408-08	WG357510
Cobalt	mg/l	1.14	0.00	1.13	101.	75-125	L342408-08	WG357510
Iron	mg/l	1.09	0.0223	1.13	94.5	75-125	L342408-08	WG357510
Lead	mg/l	1.15	0.00	1.13	102.	75-125	L342408-08	WG357510
Manganese	mg/l	1.13	0.0024	1.13	99.8	75-125	L342408-08	WG357510
Nickel	mg/l	1.12	0.00	1.13	99.1	75-125	L342408-08	WG357510
Silver	mg/l	1.08	0.00	1.13	95.6	75-125	L342408-08	WG357510
Vanadium	mg/l	1.10	0.00	1.13	97.3	75-125	L342408-08	WG357510
Antimony	mg/l	0.0521	0.00	.0567	91.9	75-125	L342421-06	WG357514
Arsenic	mg/l	0.0530	0.00	.0567	93.5	75-125	L342421-06	WG357514
Beryllium	mg/l	0.0475	0.00	.0567	83.8	75-125	L342421-06	WG357514
Cadmium	mg/l	0.0531	0.00	.0567	93.7	75-125	L342421-06	WG357514
Copper	mg/l	0.0547	0.00	.0567	96.5	75-125	L342421-06	WG357514
Selenium	mg/l	0.0508	0.00	.0567	89.6	75-125	L342421-06	WG357514
Thallium	mg/l	0.0549	0.00	.0567	96.8	75-125	L342421-06	WG357514
Zinc	mg/l	0.0572	0.00	.0567	101.	75-125	L342421-06	WG357514
Antimony	mg/l	0.0560	0.00	.0567	98.8	75-125	L342473-08	WG357571
Arsenic	mg/l	0.0549	0.00	.0567	96.8	75-125	L342473-08	WG357571
Beryllium	mg/l	0.0542	0.00	.0567	95.6	75-125	L342473-08	WG357571
Cadmium	mg/l	0.0564	0.00	.0567	99.5	75-125	L342473-08	WG357571
Copper	mg/l	0.0560	0.00	.0567	98.8	75-125	L342473-08	WG357571
Selenium	mg/l	0.0537	0.00	.0567	94.7	75-125	L342473-08	WG357571
Thallium	mg/l	0.0546	0.00	.0567	96.3	75-125	L342473-08	WG357571
Zinc	mg/l	0.0546	0.00	.0567	96.3	75-125	L342473-08	WG357571
1,1,1,2-Tetrachloroethane	mg/l	0.0635	0.00	.05	127.	45-152	L342417-33	WG357948
1,1,1-Trichloroethane	mg/l	0.0718	0.00	.05	144.	31-161	L342417-33	WG357948
1,1,2,2-Tetrachloroethane	mg/l	0.0626	0.00	.05	125.	49-149	L342417-33	WG357948
1,1,2-Trichloroethane	mg/l	0.0615	0.00	.05	123.	46-145	L342417-33	WG357948
1,1-Dichloroethane	mg/l	0.0670	0.00	.05	134.	30-159	L342417-33	WG357948
1,1-Dichloroethene	mg/l	0.0695	0.00	.05	139.	10-162	L342417-33	WG357948
1,2,3-Trichloropropane	mg/l	0.0524	0.00	.05	105.	48-148	L342417-33	WG357948
1,2-Dichlorobenzene	mg/l	0.0569	0.00	.05	114.	40-139	L342417-33	WG357948
1,2-Dichloroethane	mg/l	0.0581	0.00	.05	116.	29-167	L342417-33	WG357948
1,2-Dichloropropane	mg/l	0.0527	0.00	.05	105.	39-148	L342417-33	WG357948
1,4-Dichlorobenzene	mg/l	0.0517	0.00	.05	103.	32-136	L342417-33	WG357948
2-Butanone (MEK)	mg/l	0.283	0.0110	.25	109.	32-151	L342417-33	WG357948
2-Hexanone	mg/l	0.225	0.00	.25	89.9	41-155	L342417-33	WG357948
4-Methyl-2-pentanone (MIBK)	mg/l	0.193	0.00	.25	77.1	40-160	L342417-33	WG357948
Acetone	mg/l	0.268	0.00	.25	107.	25-157	L342417-33	WG357948
Acrylonitrile	mg/l	0.309	0.00	.25	124.	37-162	L342417-33	WG357948
Benzene	mg/l	0.0631	0.00	.05	126.	16-158	L342417-33	WG357948
Bromochloromethane	mg/l	0.0650	0.00	.05	130.	36-154	L342417-33	WG357948
Bromodichloromethane	mg/l	0.0537	0.00	.05	107.	45-147	L342417-33	WG357948
Bromoform	mg/l	0.0563	0.00	.05	113.	38-152	L342417-33	WG357948
Bromomethane	mg/l	0.0529	0.00	.05	106.	0-191	L342417-33	WG357948
Carbon disulfide	mg/l	0.0808	0.00	.05	162.	10-166	L342417-33	WG357948
Carbon tetrachloride	mg/l	0.0640	0.00	.05	128.	22-168	L342417-33	WG357948
Chlorobenzene	mg/l	0.0591	0.00	.05	118.	33-148	L342417-33	WG357948
Chlorodibromomethane	mg/l	0.0643	0.00	.05	129.	48-151	L342417-33	WG357948
Chloroethane	mg/l	0.0511	0.00	.05	102.	4-176	L342417-33	WG357948
Chloroform	mg/l	0.0622	0.00	.05	124.	37-147	L342417-33	WG357948
Chloromethane	mg/l	0.0761	0.00	.05	152.	10-174	L342417-33	WG357948
cis-1,2-Dichloroethene	mg/l	0.0664	0.00	.05	133.	29-156	L342417-33	WG357948
cis-1,3-Dichloropropene	mg/l	0.0494	0.00	.05	98.8	35-148	L342417-33	WG357948
Dibromomethane	mg/l	0.0483	0.00	.05	96.5	36-152	L342417-33	WG357948

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Ethylbenzene	mg/l	0.0618	0.00	.05	124.	29-150	L342417-33	WG357948

		Matrix Spike						
Analyte	Units	MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
Iodomethane	mg/l	0.346	0.00	.25	138.	9-169	L342417-33	WG357948
Methylene Chloride	mg/l	0.0629	0.00	.05	126.	23-151	L342417-33	WG357948
Styrene	mg/l	0.0512	0.00	.05	102.	38-149	L342417-33	WG357948
Tetrachloroethene	mg/l	0.0591	0.00	.05	118.	13-157	L342417-33	WG357948
Toluene	mg/l	0.0469	0.00	.05	93.8	22-152	L342417-33	WG357948
trans-1,2-Dichloroethene	mg/l	0.0666	0.00	.05	133.	11-160	L342417-33	WG357948
trans-1,3-Dichloropropene	mg/l	0.0482	0.00	.05	96.3	33-153	L342417-33	WG357948
trans-1,4-Dichloro-2-butene	mg/l	0.0482	0.00	.05	96.4	19-151	L342417-33	WG357948
Trichloroethene	mg/l	1.78	1.50	.05	551.	18-163	L342417-33	WG357948
Trichlorofluoromethane	mg/l	0.0512	0.00	.05	102.	10-177	L342417-33	WG357948
Vinyl acetate	mg/l	0.311	0.00	.25	124.	0-196	L342417-33	WG357948
Vinyl chloride	mg/l	0.0589	0.00	.05	118.	0-179	L342417-33	WG357948
Xylenes, Total	mg/l	0.192	0.00	.15	128.	27-151	L342417-33	WG357948
COD	mg/l	402.	0.00	400	101.	90-110	L342440-09	WG357950
1,1,1,2-Tetrachloroethane	mg/l	0.501	0.00	.05	100.	45-152	L342250-13	WG358050
1,1,1-Trichloroethane	mg/l	0.479	0.0110	.05	93.7	31-161	L342250-13	WG358050
1,1,2,2-Tetrachloroethane	mg/l	0.481	0.00	.05	96.1	49-149	L342250-13	WG358050
1,1,2-Trichloroethane	mg/l	0.489	0.00	.05	97.9	46-145	L342250-13	WG358050
1,1-Dichloroethane	mg/l	0.449	0.0250	.05	84.7	30-159	L342250-13	WG358050
1,1-Dichloroethene	mg/l	0.462	0.0170	.05	88.9	10-162	L342250-13	WG358050
1,2,3-Trichloropropane	mg/l	0.460	0.00	.05	92.1	48-148	L342250-13	WG358050
1,2-Dichlorobenzene	mg/l	0.480	0.00	.05	96.1	40-139	L342250-13	WG358050
1,2-Dichloroethane	mg/l	0.452	0.00	.05	90.4	29-167	L342250-13	WG358050
1,2-Dichloropropane	mg/l	0.500	0.00	.05	100.	39-148	L342250-13	WG358050
1,4-Dichlorobenzene	mg/l	0.466	0.00	.05	93.3	32-136	L342250-13	WG358050
2-Butanone (MEK)	mg/l	2.25	0.00	.25	90.2	32-151	L342250-13	WG358050
2-Hexanone	mg/l	2.48	0.00	.25	99.2	41-155	L342250-13	WG358050
4-Methyl-2-pentanone (MIBK)	mg/l	2.52	0.00	.25	101.	40-160	L342250-13	WG358050
Acetone	mg/l	2.14	0.00	.25	85.6	25-157	L342250-13	WG358050
Acrylonitrile	mg/l	2.06	0.00	.25	82.5	37-162	L342250-13	WG358050
Benzene	mg/l	0.448	0.00	.05	89.7	16-158	L342250-13	WG358050
Bromochloromethane	mg/l	0.470	0.00	.05	94.1	36-154	L342250-13	WG358050
Bromodichloromethane	mg/l	0.470	0.00	.05	93.9	45-147	L342250-13	WG358050
Bromoform	mg/l	0.522	0.00	.05	104.	38-152	L342250-13	WG358050
Bromomethane	mg/l	0.514	0.00	.05	103.	0-191	L342250-13	WG358050
Carbon disulfide	mg/l	0.404	0.0017	.05	80.5	10-166	L342250-13	WG358050
Carbon tetrachloride	mg/l	0.455	0.00	.05	91.0	22-168	L342250-13	WG358050
Chlorobenzene	mg/l	0.490	0.00	.05	97.9	33-148	L342250-13	WG358050
Chlorodibromomethane	mg/l	0.533	0.00	.05	107.	48-151	L342250-13	WG358050
Chloroethane	mg/l	0.512	0.00	.05	102.	4-176	L342250-13	WG358050
Chloroform	mg/l	0.442	0.00	.05	88.4	37-147	L342250-13	WG358050
Chloromethane	mg/l	0.643	0.00	.05	129.	10-174	L342250-13	WG358050
cis-1,2-Dichloroethene	mg/l	0.664	0.260	.05	80.8	29-156	L342250-13	WG358050
cis-1,3-Dichloropropene	mg/l	0.458	0.00	.05	91.5	35-148	L342250-13	WG358050
Dibromomethane	mg/l	0.494	0.00	.05	98.7	36-152	L342250-13	WG358050
Ethylbenzene	mg/l	0.491	0.00	.05	98.2	29-150	L342250-13	WG358050
Iodomethane	mg/l	2.05	0.0015	.25	81.9	9-169	L342250-13	WG358050
Methylene Chloride	mg/l	0.438	0.00	.05	87.6	23-151	L342250-13	WG358050
Styrene	mg/l	0.481	0.00	.05	96.3	38-149	L342250-13	WG358050
Tetrachloroethene	mg/l	0.478	0.00	.05	95.6	13-157	L342250-13	WG358050
Toluene	mg/l	0.482	0.00	.05	96.4	22-152	L342250-13	WG358050
trans-1,2-Dichloroethene	mg/l	0.462	0.00	.05	92.3	11-160	L342250-13	WG358050
trans-1,3-Dichloropropene	mg/l	0.444	0.00	.05	88.8	33-153	L342250-13	WG358050
trans-1,4-Dichloro-2-butene	mg/l	0.368	0.00	.05	73.6	19-151	L342250-13	WG358050
Trichloroethene	mg/l	0.504	0.0400	.05	92.7	18-163	L342250-13	WG358050
Trichlorofluoromethane	mg/l	0.569	0.00	.05	114.	10-177	L342250-13	WG358050
Vinyl acetate	mg/l	2.16	0.0011	.25	86.3	0-196	L342250-13	WG358050

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Quality Assurance Report
Level II

L342345

May 06, 2008

Vinyl chloride	mg/l	0.574	0.00	.05	115.	0-179	L342250-13	WG358050

Analyte	Units	Matrix Spike MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
Xylenes, Total	mg/l	1.46	0.0008	.15	97.6	27-151	L342250-13	WG358050
1,1,1,2-Tetrachloroethane	mg/l	0.0433	0.00	.05	86.5	45-152	L342345-13	WG358061
1,1,1-Trichloroethane	mg/l	0.0368	0.00	.05	73.6	31-161	L342345-13	WG358061
1,1,2,2-Tetrachloroethane	mg/l	0.0502	0.00	.05	100.	49-149	L342345-13	WG358061
1,1,2-Trichloroethane	mg/l	0.0426	0.00	.05	85.2	46-145	L342345-13	WG358061
1,1-Dichloroethane	mg/l	0.0372	0.00	.05	74.4	30-159	L342345-13	WG358061
1,1-Dichloroethene	mg/l	0.0296	0.00	.05	59.2	10-162	L342345-13	WG358061
1,2,3-Trichloropropane	mg/l	0.0468	0.00	.05	93.6	48-148	L342345-13	WG358061
1,2-Dichlorobenzene	mg/l	0.0393	0.00	.05	78.6	40-139	L342345-13	WG358061
1,2-Dichloroethane	mg/l	0.0378	0.00	.05	75.5	29-167	L342345-13	WG358061
1,2-Dichloropropane	mg/l	0.0384	0.00	.05	76.9	39-148	L342345-13	WG358061
1,4-Dichlorobenzene	mg/l	0.0349	0.00	.05	69.8	32-136	L342345-13	WG358061
2-Butanone (MEK)	mg/l	0.243	0.00	.25	97.3	32-151	L342345-13	WG358061
2-Hexanone	mg/l	0.230	0.00	.25	91.9	41-155	L342345-13	WG358061
4-Methyl-2-pentanone (MIBK)	mg/l	0.233	0.00	.25	93.3	40-160	L342345-13	WG358061
Acetone	mg/l	0.227	0.0230	.25	81.5	25-157	L342345-13	WG358061
Acrylonitrile	mg/l	0.215	0.00	.25	85.9	37-162	L342345-13	WG358061
Benzene	mg/l	0.0314	0.00	.05	62.8	16-158	L342345-13	WG358061
Bromochloromethane	mg/l	0.0360	0.00	.05	72.0	36-154	L342345-13	WG358061
Bromodichloromethane	mg/l	0.0400	0.00	.05	80.1	45-147	L342345-13	WG358061
Bromoform	mg/l	0.0445	0.00	.05	89.0	38-152	L342345-13	WG358061
Bromomethane	mg/l	0.0246	0.00	.05	49.1	0-191	L342345-13	WG358061
Carbon disulfide	mg/l	0.0143	0.00	.05	28.7	10-166	L342345-13	WG358061
Carbon tetrachloride	mg/l	0.0353	0.00	.05	70.7	22-168	L342345-13	WG358061
Chlorobenzene	mg/l	0.0327	0.00	.05	65.4	33-148	L342345-13	WG358061
Chlorodibromomethane	mg/l	0.0403	0.00	.05	80.6	48-151	L342345-13	WG358061
Chloroethane	mg/l	0.0276	0.00	.05	55.2	4-176	L342345-13	WG358061
Chloroform	mg/l	0.0362	0.00	.05	72.4	37-147	L342345-13	WG358061
Chloromethane	mg/l	0.0218	0.00	.05	43.6	10-174	L342345-13	WG358061
cis-1,2-Dichloroethene	mg/l	0.0339	0.00	.05	67.9	29-156	L342345-13	WG358061
cis-1,3-Dichloropropene	mg/l	0.0382	0.00	.05	76.3	35-148	L342345-13	WG358061
Dibromomethane	mg/l	0.0379	0.00	.05	75.7	36-152	L342345-13	WG358061
Ethylbenzene	mg/l	0.0312	0.00	.05	62.3	29-150	L342345-13	WG358061
Iodomethane	mg/l	0.138	0.00	.25	55.4	9-169	L342345-13	WG358061
Methylene Chloride	mg/l	0.0324	0.00	.05	64.7	23-151	L342345-13	WG358061
Styrene	mg/l	0.0346	0.00	.05	69.3	38-149	L342345-13	WG358061
Tetrachloroethene	mg/l	0.0272	0.00	.05	54.4	13-157	L342345-13	WG358061
Toluene	mg/l	0.0292	0.00	.05	58.4	22-152	L342345-13	WG358061
trans-1,2-Dichloroethene	mg/l	0.0271	0.00	.05	54.2	11-160	L342345-13	WG358061
trans-1,3-Dichloropropene	mg/l	0.0396	0.00	.05	79.2	33-153	L342345-13	WG358061
trans-1,4-Dichloro-2-butene	mg/l	0.0436	0.00	.05	87.2	19-151	L342345-13	WG358061
Trichloroethene	mg/l	0.0299	0.00	.05	59.8	18-163	L342345-13	WG358061
Trichlorofluoromethane	mg/l	0.0283	0.00	.05	56.5	10-177	L342345-13	WG358061
Vinyl acetate	mg/l	0.211	0.00	.25	84.4	0-196	L342345-13	WG358061
Vinyl chloride	mg/l	0.0226	0.00	.05	45.3	0-179	L342345-13	WG358061
Xylenes, Total	mg/l	0.0928	0.00	.15	61.9	27-151	L342345-13	WG358061
1,1,1,2-Tetrachloroethane	mg/l	4.76	0.00	.05	95.2	45-152	L341956-06	WG358132
1,1,1-Trichloroethane	mg/l	4.06	0.00	.05	81.1	31-161	L341956-06	WG358132
1,1,2,2-Tetrachloroethane	mg/l	4.84	0.00	.05	96.7	49-149	L341956-06	WG358132
1,1,2-Trichloroethane	mg/l	4.54	0.00	.05	90.9	46-145	L341956-06	WG358132
1,1-Dichloroethane	mg/l	3.67	0.00	.05	73.3	30-159	L341956-06	WG358132
1,1-Dichloroethene	mg/l	3.30	0.00	.05	65.9	10-162	L341956-06	WG358132
1,2,3-Trichloropropane	mg/l	4.85	0.00	.05	96.9	48-148	L341956-06	WG358132
1,2-Dichlorobenzene	mg/l	4.35	0.00	.05	87.0	40-139	L341956-06	WG358132
1,2-Dichloroethane	mg/l	4.27	0.00	.05	85.4	29-167	L341956-06	WG358132
1,2-Dichloropropane	mg/l	4.28	0.00	.05	85.7	39-148	L341956-06	WG358132
1,4-Dichlorobenzene	mg/l	4.17	0.00	.05	83.5	32-136	L341956-06	WG358132

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Quality Assurance Report
Level II

L342345

May 06, 2008

2-Butanone (MEK)	mg/l	22.9	0.00	.25	91.7	32-151	L341956-06	WG358132

		Matrix Spike						
Analyte	Units	MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
2-Hexanone	mg/l	24.7	0.00	.25	99.0	41-155	L341956-06	WG358132
4-Methyl-2-pentanone (MIBK)	mg/l	25.7	0.00	.25	103.	40-160	L341956-06	WG358132
Acetone	mg/l	23.8	0.00	.25	95.2	25-157	L341956-06	WG358132
Acrylonitrile	mg/l	22.3	0.00	.25	89.0	37-162	L341956-06	WG358132
Benzene	mg/l	4.00	0.440	.05	71.3	16-158	L341956-06	WG358132
Bromochloromethane	mg/l	3.53	0.00	.05	70.6	36-154	L341956-06	WG358132
Bromodichloromethane	mg/l	4.81	0.00	.05	96.2	45-147	L341956-06	WG358132
Bromoform	mg/l	4.33	0.00	.05	86.6	38-152	L341956-06	WG358132
Bromomethane	mg/l	3.46	0.00	.05	69.3	0-191	L341956-06	WG358132
Carbon disulfide	mg/l	2.43	0.00	.05	48.6	10-166	L341956-06	WG358132
Carbon tetrachloride	mg/l	4.71	0.00	.05	94.1	22-168	L341956-06	WG358132
Chlorobenzene	mg/l	3.90	0.00	.05	78.0	33-148	L341956-06	WG358132
Chlorodibromomethane	mg/l	4.72	0.00	.05	94.4	48-151	L341956-06	WG358132
Chloroethane	mg/l	3.41	0.00	.05	68.2	4-176	L341956-06	WG358132
Chloroform	mg/l	4.06	0.00	.05	81.2	37-147	L341956-06	WG358132
Chloromethane	mg/l	3.23	0.00	.05	64.7	10-174	L341956-06	WG358132
cis-1,2-Dichloroethene	mg/l	3.62	0.00	.05	72.3	29-156	L341956-06	WG358132
cis-1,3-Dichloropropene	mg/l	4.02	0.00	.05	80.4	35-148	L341956-06	WG358132
Dibromomethane	mg/l	4.38	0.00	.05	87.7	36-152	L341956-06	WG358132
Ethylbenzene	mg/l	3.76	0.0440	.05	74.3	29-150	L341956-06	WG358132
Iodomethane	mg/l	16.3	0.00	.25	65.0	9-169	L341956-06	WG358132
Methylene Chloride	mg/l	3.81	0.00	.05	76.1	23-151	L341956-06	WG358132
Styrene	mg/l	4.27	0.00	.05	85.4	38-149	L341956-06	WG358132
Tetrachloroethene	mg/l	3.44	0.00	.05	68.8	13-157	L341956-06	WG358132
Toluene	mg/l	4.01	0.130	.05	77.6	22-152	L341956-06	WG358132
trans-1,2-Dichloroethene	mg/l	3.35	0.00	.05	66.9	11-160	L341956-06	WG358132
trans-1,3-Dichloropropene	mg/l	4.34	0.00	.05	86.9	33-153	L341956-06	WG358132
trans-1,4-Dichloro-2-butene	mg/l	4.31	0.00	.05	86.2	19-151	L341956-06	WG358132
Trichloroethene	mg/l	3.85	0.00	.05	77.0	18-163	L341956-06	WG358132
Trichlorofluoromethane	mg/l	3.90	0.00	.05	77.9	10-177	L341956-06	WG358132
Vinyl acetate	mg/l	18.0	0.00	.25	72.1	0-196	L341956-06	WG358132
Vinyl chloride	mg/l	3.23	0.00	.05	64.6	0-179	L341956-06	WG358132
Xylenes, Total	mg/l	11.7	0.350	.15	75.4	27-151	L341956-06	WG358132
Alkalinity	mg/l	239.	82.0	200	78.5	80-120	L342224-05	WG358184
1,1,1,2-Tetrachloroethane	mg/l	0.566	0.00	.05	113.	45-152	L341851-09	WG358226
1,1,1-Trichloroethane	mg/l	0.527	0.00	.05	105.	31-161	L341851-09	WG358226
1,1,2,2-Tetrachloroethane	mg/l	0.527	0.00	.05	105.	49-149	L341851-09	WG358226
1,1,2-Trichloroethane	mg/l	0.505	0.00	.05	101.	46-145	L341851-09	WG358226
1,1-Dichloroethane	mg/l	0.459	0.00	.05	91.9	30-159	L341851-09	WG358226
1,1-Dichloroethene	mg/l	0.453	0.00	.05	90.7	10-162	L341851-09	WG358226
1,2,3-Trichloropropane	mg/l	0.567	0.00	.05	113.	48-148	L341851-09	WG358226
1,2-Dichlorobenzene	mg/l	0.473	0.00	.05	94.7	40-139	L341851-09	WG358226
1,2-Dichloroethane	mg/l	0.534	0.00	.05	107.	29-167	L341851-09	WG358226
1,2-Dichloropropane	mg/l	0.482	0.00	.05	96.4	39-148	L341851-09	WG358226
1,4-Dichlorobenzene	mg/l	0.466	0.00	.05	93.3	32-136	L341851-09	WG358226
2-Butanone (MEK)	mg/l	2.22	0.00	.25	88.9	32-151	L341851-09	WG358226
2-Hexanone	mg/l	2.54	0.00	.25	102.	41-155	L341851-09	WG358226
4-Methyl-2-pentanone (MIBK)	mg/l	2.52	0.00	.25	101.	40-160	L341851-09	WG358226
Acetone	mg/l	2.61	0.00	.25	105.	25-157	L341851-09	WG358226
Acrylonitrile	mg/l	2.53	0.00	.25	101.	37-162	L341851-09	WG358226
Benzene	mg/l	0.483	0.0420	.05	88.1	16-158	L341851-09	WG358226
Bromochloromethane	mg/l	0.461	0.00	.05	92.1	36-154	L341851-09	WG358226
Bromodichloromethane	mg/l	0.533	0.00	.05	107.	45-147	L341851-09	WG358226
Bromoform	mg/l	0.458	0.00	.05	91.7	38-152	L341851-09	WG358226
Bromomethane	mg/l	0.599	0.00	.05	120.	0-191	L341851-09	WG358226
Carbon disulfide	mg/l	0.435	0.00	.05	86.9	10-166	L341851-09	WG358226
Carbon tetrachloride	mg/l	0.655	0.00	.05	131.	22-168	L341851-09	WG358226

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May 06, 2008

Chlorobenzene	mg/l	0.487	0.00	.05	97.4	33-148	L341851-09	WG358226

		Matrix Spike						
Analyte	Units	MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
Chlorodibromomethane	mg/l	0.549	0.00	.05	110.	48-151	L341851-09	WG358226
Chloroethane	mg/l	0.440	0.00	.05	88.0	4-176	L341851-09	WG358226
Chloroform	mg/l	0.489	0.0016	.05	97.4	37-147	L341851-09	WG358226
Chloromethane	mg/l	0.433	0.00	.05	86.6	10-174	L341851-09	WG358226
cis-1,2-Dichloroethene	mg/l	0.442	0.00	.05	88.5	29-156	L341851-09	WG358226
cis-1,3-Dichloropropene	mg/l	0.422	0.00	.05	84.4	35-148	L341851-09	WG358226
Dibromomethane	mg/l	0.489	0.00	.05	97.8	36-152	L341851-09	WG358226
Ethylbenzene	mg/l	0.549	0.0650	.05	96.9	29-150	L341851-09	WG358226
Iodomethane	mg/l	2.39	0.00	.25	95.6	9-169	L341851-09	WG358226
Methylene Chloride	mg/l	0.464	0.00	.05	92.8	23-151	L341851-09	WG358226
Styrene	mg/l	0.543	0.00	.05	109.	38-149	L341851-09	WG358226
Tetrachloroethene	mg/l	0.475	0.00	.05	95.1	13-157	L341851-09	WG358226
Toluene	mg/l	0.597	0.0930	.05	101.	22-152	L341851-09	WG358226
trans-1,2-Dichloroethene	mg/l	0.503	0.00	.05	101.	11-160	L341851-09	WG358226
trans-1,3-Dichloropropene	mg/l	0.449	0.00	.05	89.9	33-153	L341851-09	WG358226
trans-1,4-Dichloro-2-butene	mg/l	0.484	0.00	.05	96.7	19-151	L341851-09	WG358226
Trichloroethene	mg/l	0.487	0.00	.05	97.4	18-163	L341851-09	WG358226
Trichlorofluoromethane	mg/l	0.527	0.00	.05	105.	10-177	L341851-09	WG358226
Vinyl acetate	mg/l	2.03	0.00	.25	81.3	0-196	L341851-09	WG358226
Vinyl chloride	mg/l	0.399	0.00	.05	79.8	0-179	L341851-09	WG358226
Xylenes, Total	mg/l	3.48	2.50	.15	65.0	27-151	L341851-09	WG358226
1,1,1,2-Tetrachloroethane	mg/l	4.94	0.00	.05	98.8	45-152	L342417-02	WG358248
1,1,1-Trichloroethane	mg/l	4.76	0.00	.05	95.2	31-161	L342417-02	WG358248
1,1,2,2-Tetrachloroethane	mg/l	4.86	0.00	.05	97.2	49-149	L342417-02	WG358248
1,1,2-Trichloroethane	mg/l	4.91	0.00	.05	98.2	46-145	L342417-02	WG358248
1,1-Dichloroethane	mg/l	4.31	0.00	.05	86.2	30-159	L342417-02	WG358248
1,1-Dichloroethene	mg/l	4.75	0.00	.05	95.0	10-162	L342417-02	WG358248
1,2,3-Trichloropropane	mg/l	4.83	0.00	.05	96.7	48-148	L342417-02	WG358248
1,2-Dichlorobenzene	mg/l	5.00	0.00	.05	100.	40-139	L342417-02	WG358248
1,2-Dichloroethane	mg/l	4.63	0.00	.05	92.6	29-167	L342417-02	WG358248
1,2-Dichloropropane	mg/l	5.16	0.00	.05	103.	39-148	L342417-02	WG358248
1,4-Dichlorobenzene	mg/l	4.86	0.00	.05	97.2	32-136	L342417-02	WG358248
2-Butanone (MEK)	mg/l	22.3	0.00	.25	89.3	32-151	L342417-02	WG358248
2-Hexanone	mg/l	24.8	0.00	.25	99.1	41-155	L342417-02	WG358248
4-Methyl-2-pentanone (MIBK)	mg/l	25.5	0.00	.25	102.	40-160	L342417-02	WG358248
Acetone	mg/l	21.3	0.00	.25	85.1	25-157	L342417-02	WG358248
Acrylonitrile	mg/l	21.3	0.00	.25	85.4	37-162	L342417-02	WG358248
Benzene	mg/l	4.49	0.00	.05	89.7	16-158	L342417-02	WG358248
Bromochloromethane	mg/l	4.48	0.00	.05	89.6	36-154	L342417-02	WG358248
Bromodichloromethane	mg/l	4.78	0.00	.05	95.6	45-147	L342417-02	WG358248
Bromoform	mg/l	5.15	0.00	.05	103.	38-152	L342417-02	WG358248
Bromomethane	mg/l	5.22	0.00	.05	104.	0-191	L342417-02	WG358248
Carbon disulfide	mg/l	4.16	0.0202	.05	82.9	10-166	L342417-02	WG358248
Carbon tetrachloride	mg/l	4.82	0.00	.05	96.4	22-168	L342417-02	WG358248
Chlorobenzene	mg/l	4.84	0.00	.05	96.9	33-148	L342417-02	WG358248
Chlorodibromomethane	mg/l	5.18	0.00	.05	104.	48-151	L342417-02	WG358248
Chloroethane	mg/l	4.94	0.00	.05	98.8	4-176	L342417-02	WG358248
Chloroform	mg/l	4.52	0.00	.05	90.4	37-147	L342417-02	WG358248
Chloromethane	mg/l	5.91	0.00	.05	118.	10-174	L342417-02	WG358248
cis-1,2-Dichloroethene	mg/l	4.48	0.00	.05	89.6	29-156	L342417-02	WG358248
cis-1,3-Dichloropropene	mg/l	4.79	0.00	.05	95.9	35-148	L342417-02	WG358248
Dibromomethane	mg/l	4.85	0.00	.05	97.0	36-152	L342417-02	WG358248
Ethylbenzene	mg/l	6.38	1.40	.05	99.6	29-150	L342417-02	WG358248
Iodomethane	mg/l	21.0	0.00	.25	84.0	9-169	L342417-02	WG358248
Methylene Chloride	mg/l	4.46	0.00	.05	89.1	23-151	L342417-02	WG358248
Styrene	mg/l	4.87	0.00	.05	97.3	38-149	L342417-02	WG358248
Tetrachloroethene	mg/l	4.80	0.00	.05	96.0	13-157	L342417-02	WG358248
Toluene	mg/l	4.88	0.00	.05	97.5	22-152	L342417-02	WG358248

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Quality Assurance Report
Level II

L342345

May 06, 2008

trans-1,2-Dichloroethene	mg/l	4.67	0.00	.05	93.4	11-160	L342417-02	WG358248

Analyte	Units	Matrix Spike MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
trans-1,3-Dichloropropene	mg/l	4.59	0.00	.05	91.8	33-153	L342417-02	WG358248
trans-1,4-Dichloro-2-butene	mg/l	3.79	0.00	.05	75.9	19-151	L342417-02	WG358248
Trichloroethene	mg/l	4.58	0.00	.05	91.7	18-163	L342417-02	WG358248
Trichlorofluoromethane	mg/l	5.24	0.00	.05	105.	10-177	L342417-02	WG358248
Vinyl acetate	mg/l	22.5	0.0132	.25	90.1	0-196	L342417-02	WG358248
Vinyl chloride	mg/l	5.24	0.00	.05	105.	0-179	L342417-02	WG358248
Xylenes, Total	mg/l	20.1	6.20	.15	92.9	27-151	L342417-02	WG358248

Analyte	Units	Matrix Spike Duplicate MSD Res	Ref Res	RPD	Limit	%Rec	Ref Samp	Batch
Chloride	mg/l	79.8	79.0	1.01	20	104.	L342224-08	WG357305
Sulfate	mg/l	213.	213.	0.00	20	66.0	L342224-08	WG357305
Antimony	mg/l	0.0542	0.0523	3.57	20	93.7	L342345-06	WG357338
Arsenic	mg/l	0.0515	0.0506	1.76	20	90.8	L342345-06	WG357338
Beryllium	mg/l	0.0484	0.0483	0.207	20	85.4	L342345-06	WG357338
Cadmium	mg/l	0.0533	0.0521	2.28	20	93.4	L342345-06	WG357338
Copper	mg/l	0.0567	0.0558	1.60	20	96.3	L342345-06	WG357338
Selenium	mg/l	0.0483	0.0473	2.09	20	85.2	L342345-06	WG357338
Thallium	mg/l	0.0535	0.0527	1.51	20	94.4	L342345-06	WG357338
Zinc	mg/l	0.0712	0.0727	2.08	20	93.8	L342345-06	WG357338
Barium	mg/l	1.22	1.23	0.816	20	98.2	L342345-20	WG357393
Chromium	mg/l	1.09	1.08	0.922	20	96.5	L342345-20	WG357393
Cobalt	mg/l	1.11	1.12	0.897	20	97.7	L342345-20	WG357393
Iron	mg/l	2.05	1.76	15.2	20	113.	L342345-20	WG357393
Lead	mg/l	1.14	1.12	1.77	20	101.	L342345-20	WG357393
Manganese	mg/l	1.26	1.25	0.797	20	98.1	L342345-20	WG357393
Nickel	mg/l	1.09	1.09	0.00	20	96.5	L342345-20	WG357393
Silver	mg/l	0.582	0.932	46.2	20	51.5	L342345-20	WG357393
Vanadium	mg/l	1.05	1.07	1.89	20	92.9	L342345-20	WG357393
Sulfate	mg/l	49.5	50.4	1.80	20	96.8	L342353-05	WG357394
Antimony	mg/l	0.0538	0.0537	0.186	20	94.9	L342345-33	WG357395
Arsenic	mg/l	0.0519	0.0518	0.193	20	91.1	L342345-33	WG357395
Beryllium	mg/l	0.0498	0.0487	2.23	20	87.8	L342345-33	WG357395
Cadmium	mg/l	0.0538	0.0539	0.186	20	94.9	L342345-33	WG357395
Copper	mg/l	0.0575	0.0567	1.40	20	99.9	L342345-33	WG357395
Selenium	mg/l	0.0482	0.0485	0.620	20	85.0	L342345-33	WG357395
Thallium	mg/l	0.0551	0.0548	0.546	20	97.2	L342345-33	WG357395
Zinc	mg/l	0.0558	0.0568	1.78	20	89.4	L342345-33	WG357395
Mercury	mg/l	0.0026	0.0025	2.67	20	83.0	L342345-11	WG357397
Mercury	mg/l	0.0028	0.0028	0.704	20	94.3	L342345-19	WG357398
Phosphorus,Total	mg/l	5.40	5.45	0.922	20	100.	L342280-02	WG357482
Nitrate-Nitrite	mg/l	5.21	5.37	3.02	20	104.	L342363-01	WG357491
Barium	mg/l	1.21	1.20	0.830	20	95.6	L342417-29	WG357509
Chromium	mg/l	1.09	1.09	0.00	20	96.5	L342417-29	WG357509
Cobalt	mg/l	1.08	1.08	0.00	20	95.1	L342417-29	WG357509
Iron	mg/l	18.8	17.7	6.03	20	106.	L342417-29	WG357509
Lead	mg/l	1.11	1.11	0.00	20	97.3	L342417-29	WG357509
Manganese	mg/l	1.38	1.37	0.727	20	98.1	L342417-29	WG357509
Nickel	mg/l	1.09	1.09	0.00	20	95.5	L342417-29	WG357509

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Quality Assurance Report
Level II

L342345

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Silver	mg/l	0.198	0.214	7.77	20	17.5	L342417-29	WG357509

Matrix Spike Duplicate

Analyte	Units	MSD Res	Ref Res	RPD	Limit	%Rec	Ref Samp	Batch
Vanadium	mg/l	1.08	1.08	0.00	20	94.3	L342417-29	WG357509
Barium	mg/l	1.11	1.14	2.67	20	98.2	L342408-08	WG357510
Chromium	mg/l	1.11	1.12	0.897	20	98.2	L342408-08	WG357510
Cobalt	mg/l	1.12	1.14	1.77	20	99.1	L342408-08	WG357510
Iron	mg/l	1.08	1.09	0.922	20	93.6	L342408-08	WG357510
Lead	mg/l	1.15	1.15	0.00	20	102.	L342408-08	WG357510
Manganese	mg/l	1.12	1.13	0.889	20	98.9	L342408-08	WG357510
Nickel	mg/l	1.12	1.12	0.00	20	99.1	L342408-08	WG357510
Silver	mg/l	1.06	1.08	1.87	20	93.8	L342408-08	WG357510
Vanadium	mg/l	1.08	1.10	1.83	20	95.6	L342408-08	WG357510
Antimony	mg/l	0.0520	0.0521	0.192	20	91.7	L342421-06	WG357514
Arsenic	mg/l	0.0520	0.0530	1.90	20	91.7	L342421-06	WG357514
Beryllium	mg/l	0.0474	0.0475	0.211	20	83.6	L342421-06	WG357514
Cadmium	mg/l	0.0520	0.0531	2.09	20	91.7	L342421-06	WG357514
Copper	mg/l	0.0538	0.0547	1.66	20	94.9	L342421-06	WG357514
Selenium	mg/l	0.0500	0.0508	1.59	20	88.2	L342421-06	WG357514
Thallium	mg/l	0.0532	0.0549	3.15	20	93.8	L342421-06	WG357514
Zinc	mg/l	0.0561	0.0572	1.94	20	98.9	L342421-06	WG357514
Antimony	mg/l	0.0550	0.0560	1.80	20	97.0	L342473-08	WG357571
Arsenic	mg/l	0.0529	0.0549	3.71	20	93.3	L342473-08	WG357571
Beryllium	mg/l	0.0531	0.0542	2.05	20	93.7	L342473-08	WG357571
Cadmium	mg/l	0.0544	0.0564	3.61	20	95.9	L342473-08	WG357571
Copper	mg/l	0.0541	0.0560	3.45	20	95.4	L342473-08	WG357571
Selenium	mg/l	0.0525	0.0537	2.26	20	92.6	L342473-08	WG357571
Thallium	mg/l	0.0540	0.0546	1.10	20	95.2	L342473-08	WG357571
Zinc	mg/l	0.0529	0.0546	3.16	20	93.3	L342473-08	WG357571
1,1,1,2-Tetrachloroethane	mg/l	0.0533	0.0635	17.4	21	107.	L342417-33	WG357948
1,1,1-Trichloroethane	mg/l	0.0574	0.0718	22.4	23	115.	L342417-33	WG357948
1,1,2,2-Tetrachloroethane	mg/l	0.0522	0.0626	18.1	22	104.	L342417-33	WG357948
1,1,2-Trichloroethane	mg/l	0.0516	0.0615	17.6	20	103.	L342417-33	WG357948
1,1-Dichloroethane	mg/l	0.0564	0.0670	17.2	21	113.	L342417-33	WG357948
1,1-Dichloroethene	mg/l	0.0565	0.0695	20.6	23	113.	L342417-33	WG357948
1,2,3-Trichloropropane	mg/l	0.0459	0.0524	13.1	23	91.8	L342417-33	WG357948
1,2-Dichlorobenzene	mg/l	0.0511	0.0569	10.6	23	102.	L342417-33	WG357948
1,2-Dichloroethane	mg/l	0.0522	0.0581	10.8	21	104.	L342417-33	WG357948
1,2-Dichloropropane	mg/l	0.0459	0.0527	13.8	20	91.7	L342417-33	WG357948
1,4-Dichlorobenzene	mg/l	0.0474	0.0517	8.71	23	94.8	L342417-33	WG357948
2-Butanone (MEK)	mg/l	0.260	0.283	8.39	26	99.7	L342417-33	WG357948
2-Hexanone	mg/l	0.206	0.225	8.59	28	82.5	L342417-33	WG357948
4-Methyl-2-pentanone (MIBK)	mg/l	0.178	0.193	8.11	28	71.1	L342417-33	WG357948
Acetone	mg/l	0.242	0.268	10.2	26	96.7	L342417-33	WG357948
Acrylonitrile	mg/l	0.269	0.309	13.8	24	108.	L342417-33	WG357948
Benzene	mg/l	0.0532	0.0631	17.1	21	106.	L342417-33	WG357948
Bromochloromethane	mg/l	0.0560	0.0650	15.0	21	112.	L342417-33	WG357948
Bromodichloromethane	mg/l	0.0477	0.0537	11.9	20	95.4	L342417-33	WG357948
Bromoform	mg/l	0.0469	0.0563	18.3	20	93.7	L342417-33	WG357948
Bromomethane	mg/l	0.0442	0.0529	17.9	35	88.4	L342417-33	WG357948
Carbon disulfide	mg/l	0.0695	0.0808	15.0	25	139.	L342417-33	WG357948
Carbon tetrachloride	mg/l	0.0526	0.0640	19.5	24	105.	L342417-33	WG357948
Chlorobenzene	mg/l	0.0479	0.0591	20.8	22	95.9	L342417-33	WG357948
Chlorodibromomethane	mg/l	0.0554	0.0643	14.9	21	111.	L342417-33	WG357948
Chloroethane	mg/l	0.0415	0.0511	20.8	27	82.9	L342417-33	WG357948
Chloroform	mg/l	0.0540	0.0622	14.1	21	108.	L342417-33	WG357948
Chloromethane	mg/l	0.0686	0.0761	10.4	28	137.	L342417-33	WG357948
cis-1,2-Dichloroethene	mg/l	0.0574	0.0664	14.5	22	115.	L342417-33	WG357948

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cis-1,3-Dichloropropene	mg/l	0.0438	0.0494	12.0	21	87.6	L342417-33	WG357948

Matrix Spike Duplicate

Analyte	Units	MSD Res	Ref Res	RPD	Limit	%Rec	Ref Samp	Batch
Dibromomethane	mg/l	0.0421	0.0483	13.6	20	84.2	L342417-33	WG357948
Ethylbenzene	mg/l	0.0497	0.0618	21.8	24	99.4	L342417-33	WG357948
Iodomethane	mg/l	0.292	0.346	16.8	27	117.	L342417-33	WG357948
Methylene Chloride	mg/l	0.0534	0.0629	16.3	21	107.	L342417-33	WG357948
Styrene	mg/l	0.0420	0.0512	19.7	23	84.0	L342417-33	WG357948
Tetrachloroethene	mg/l	0.0478	0.0591	21.2	24	95.6	L342417-33	WG357948
Toluene	mg/l	0.0404	0.0469	14.9	22	80.7	L342417-33	WG357948
trans-1,2-Dichloroethene	mg/l	0.0575	0.0666	14.7	23	115.	L342417-33	WG357948
trans-1,3-Dichloropropene	mg/l	0.0427	0.0482	12.0	22	85.4	L342417-33	WG357948
trans-1,4-Dichloro-2-butene	mg/l	0.0418	0.0482	14.1	29	83.7	L342417-33	WG357948
Trichloroethene	mg/l	1.44	1.78	21.2	21	0.00	L342417-33	WG357948
Trichlorofluoromethane	mg/l	0.0414	0.0512	21.1	24	82.8	L342417-33	WG357948
Vinyl acetate	mg/l	0.278	0.311	11.0	26	111.	L342417-33	WG357948
Vinyl chloride	mg/l	0.0496	0.0589	17.1	26	99.3	L342417-33	WG357948
Xylenes, Total	mg/l	0.155	0.192	21.5	23	103.	L342417-33	WG357948
COD	mg/l	406.	402.	0.990	5	102.	L342440-09	WG357950
1,1,1,2-Tetrachloroethane	mg/l	0.486	0.501	3.06	21	97.2	L342250-13	WG358050
1,1,1-Trichloroethane	mg/l	0.449	0.479	6.44	23	87.7	L342250-13	WG358050
1,1,2,2-Tetrachloroethane	mg/l	0.468	0.481	2.58	22	93.7	L342250-13	WG358050
1,1,2-Trichloroethane	mg/l	0.477	0.489	2.50	20	95.4	L342250-13	WG358050
1,1-Dichloroethane	mg/l	0.421	0.449	6.41	21	79.2	L342250-13	WG358050
1,1-Dichloroethene	mg/l	0.423	0.462	8.85	23	81.1	L342250-13	WG358050
1,2,3-Trichloropropane	mg/l	0.462	0.460	0.275	23	92.3	L342250-13	WG358050
1,2-Dichlorobenzene	mg/l	0.471	0.480	2.00	23	94.2	L342250-13	WG358050
1,2-Dichloroethane	mg/l	0.447	0.452	1.20	21	89.3	L342250-13	WG358050
1,2-Dichloropropane	mg/l	0.456	0.500	9.18	20	91.3	L342250-13	WG358050
1,4-Dichlorobenzene	mg/l	0.456	0.466	2.29	23	91.2	L342250-13	WG358050
2-Butanone (MEK)	mg/l	2.18	2.25	3.12	26	87.4	L342250-13	WG358050
2-Hexanone	mg/l	2.52	2.48	1.50	28	101.	L342250-13	WG358050
4-Methyl-2-pentanone (MIBK)	mg/l	2.52	2.52	0.217	28	101.	L342250-13	WG358050
Acetone	mg/l	2.14	2.14	0.0428	26	85.6	L342250-13	WG358050
Acrylonitrile	mg/l	2.08	2.06	0.641	24	83.1	L342250-13	WG358050
Benzene	mg/l	0.425	0.448	5.36	21	85.0	L342250-13	WG358050
Bromochloromethane	mg/l	0.442	0.470	6.15	21	88.5	L342250-13	WG358050
Bromodichloromethane	mg/l	0.448	0.470	4.82	20	89.5	L342250-13	WG358050
Bromoform	mg/l	0.519	0.522	0.754	20	104.	L342250-13	WG358050
Bromomethane	mg/l	0.506	0.514	1.58	35	101.	L342250-13	WG358050
Carbon disulfide	mg/l	0.374	0.404	7.85	25	74.4	L342250-13	WG358050
Carbon tetrachloride	mg/l	0.431	0.455	5.46	24	86.2	L342250-13	WG358050
Chlorobenzene	mg/l	0.466	0.490	4.97	22	93.2	L342250-13	WG358050
Chlorodibromomethane	mg/l	0.513	0.533	3.87	21	103.	L342250-13	WG358050
Chloroethane	mg/l	0.487	0.512	4.94	27	97.4	L342250-13	WG358050
Chloroform	mg/l	0.424	0.442	4.16	21	84.8	L342250-13	WG358050
Chloromethane	mg/l	0.588	0.643	9.06	28	118.	L342250-13	WG358050
cis-1,2-Dichloroethene	mg/l	0.638	0.664	4.04	22	75.6	L342250-13	WG358050
cis-1,3-Dichloropropene	mg/l	0.442	0.458	3.56	21	88.3	L342250-13	WG358050
Dibromomethane	mg/l	0.462	0.494	6.52	20	92.5	L342250-13	WG358050
Ethylbenzene	mg/l	0.475	0.491	3.39	24	94.9	L342250-13	WG358050
Iodomethane	mg/l	1.92	2.05	6.38	27	76.8	L342250-13	WG358050
Methylene Chloride	mg/l	0.428	0.438	2.30	21	85.6	L342250-13	WG358050
Styrene	mg/l	0.472	0.481	1.88	23	94.5	L342250-13	WG358050
Tetrachloroethene	mg/l	0.465	0.478	2.81	24	92.9	L342250-13	WG358050
Toluene	mg/l	0.457	0.482	5.23	22	91.5	L342250-13	WG358050
trans-1,2-Dichloroethene	mg/l	0.433	0.462	6.45	23	86.5	L342250-13	WG358050
trans-1,3-Dichloropropene	mg/l	0.429	0.444	3.28	22	85.9	L342250-13	WG358050
trans-1,4-Dichloro-2-butene	mg/l	0.354	0.368	3.98	29	70.8	L342250-13	WG358050
Trichloroethene	mg/l	0.467	0.504	7.57	21	85.4	L342250-13	WG358050

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Quality Assurance Report
Level II

L342345

May 06, 2008

Trichlorofluoromethane	mg/l	0.546	0.569	4.12	24	109.	L342250-13	WG358050

		Matrix Spike Duplicate						
Analyte	Units	MSD Res	Ref Res	RPD	Limit	%Rec	Ref Samp	Batch
Vinyl acetate	mg/l	2.13	2.16	1.48	26	85.0	L342250-13	WG358050
Vinyl chloride	mg/l	0.512	0.574	11.5	26	102.	L342250-13	WG358050
Xylenes, Total	mg/l	1.40	1.46	4.45	23	93.3	L342250-13	WG358050
1,1,1,2-Tetrachloroethane	mg/l	0.0500	0.0433	14.5	21	100.	L342345-13	WG358061
1,1,1-Trichloroethane	mg/l	0.0447	0.0368	19.3	23	89.3	L342345-13	WG358061
1,1,2,2-Tetrachloroethane	mg/l	0.0538	0.0502	7.09	22	108.	L342345-13	WG358061
1,1,2-Trichloroethane	mg/l	0.0478	0.0426	11.6	20	95.7	L342345-13	WG358061
1,1-Dichloroethane	mg/l	0.0443	0.0372	17.4	21	88.6	L342345-13	WG358061
1,1-Dichloroethene	mg/l	0.0360	0.0296	19.6	23	72.0	L342345-13	WG358061
1,2,3-Trichloropropane	mg/l	0.0510	0.0468	8.59	23	102.	L342345-13	WG358061
1,2-Dichlorobenzene	mg/l	0.0436	0.0393	10.4	23	87.2	L342345-13	WG358061
1,2-Dichloroethane	mg/l	0.0425	0.0378	11.7	21	84.9	L342345-13	WG358061
1,2-Dichloropropane	mg/l	0.0439	0.0384	13.4	20	87.9	L342345-13	WG358061
1,4-Dichlorobenzene	mg/l	0.0391	0.0349	11.4	23	78.3	L342345-13	WG358061
2-Butanone (MEK)	mg/l	0.257	0.243	5.41	26	103.	L342345-13	WG358061
2-Hexanone	mg/l	0.246	0.230	7.01	28	98.5	L342345-13	WG358061
4-Methyl-2-pentanone (MIBK)	mg/l	0.247	0.233	5.84	28	98.9	L342345-13	WG358061
Acetone	mg/l	0.237	0.227	4.37	26	85.5	L342345-13	WG358061
Acrylonitrile	mg/l	0.225	0.215	4.48	24	89.8	L342345-13	WG358061
Benzene	mg/l	0.0367	0.0314	15.4	21	73.3	L342345-13	WG358061
Bromochloromethane	mg/l	0.0402	0.0360	11.0	21	80.4	L342345-13	WG358061
Bromodichloromethane	mg/l	0.0452	0.0400	12.2	20	90.5	L342345-13	WG358061
Bromoform	mg/l	0.0501	0.0445	11.8	20	100.	L342345-13	WG358061
Bromomethane	mg/l	0.0287	0.0246	15.5	35	57.4	L342345-13	WG358061
Carbon disulfide	mg/l	0.0174	0.0143	19.1	25	34.7	L342345-13	WG358061
Carbon tetrachloride	mg/l	0.0427	0.0353	18.8	24	85.3	L342345-13	WG358061
Chlorobenzene	mg/l	0.0386	0.0327	16.6	22	77.2	L342345-13	WG358061
Chlorodibromomethane	mg/l	0.0455	0.0403	12.1	21	91.0	L342345-13	WG358061
Chloroethane	mg/l	0.0323	0.0276	15.8	27	64.6	L342345-13	WG358061
Chloroform	mg/l	0.0422	0.0362	15.4	21	84.4	L342345-13	WG358061
Chloromethane	mg/l	0.0258	0.0218	17.0	28	51.7	L342345-13	WG358061
cis-1,2-Dichloroethene	mg/l	0.0399	0.0339	16.2	22	79.9	L342345-13	WG358061
cis-1,3-Dichloropropene	mg/l	0.0433	0.0382	12.6	21	86.6	L342345-13	WG358061
Dibromomethane	mg/l	0.0409	0.0379	7.78	20	81.9	L342345-13	WG358061
Ethylbenzene	mg/l	0.0376	0.0312	18.9	24	75.3	L342345-13	WG358061
Iodomethane	mg/l	0.164	0.138	17.1	27	65.7	L342345-13	WG358061
Methylene Chloride	mg/l	0.0372	0.0324	14.0	21	74.5	L342345-13	WG358061
Styrene	mg/l	0.0404	0.0346	15.3	23	80.8	L342345-13	WG358061
Tetrachloroethene	mg/l	0.0328	0.0272	18.7	24	65.7	L342345-13	WG358061
Toluene	mg/l	0.0340	0.0292	15.2	22	68.0	L342345-13	WG358061
trans-1,2-Dichloroethene	mg/l	0.0327	0.0271	18.6	23	65.3	L342345-13	WG358061
trans-1,3-Dichloropropene	mg/l	0.0438	0.0396	10.0	22	87.6	L342345-13	WG358061
trans-1,4-Dichloro-2-butene	mg/l	0.0452	0.0436	3.61	29	90.4	L342345-13	WG358061
Trichloroethene	mg/l	0.0351	0.0299	16.0	21	70.2	L342345-13	WG358061
Trichlorofluoromethane	mg/l	0.0339	0.0283	18.2	24	67.8	L342345-13	WG358061
Vinyl acetate	mg/l	0.227	0.211	7.47	26	90.9	L342345-13	WG358061
Vinyl chloride	mg/l	0.0275	0.0226	19.4	26	55.0	L342345-13	WG358061
Xylenes, Total	mg/l	0.111	0.0928	17.8	23	74.0	L342345-13	WG358061
1,1,1,2-Tetrachloroethane	mg/l	4.63	4.76	2.80	21	92.6	L341956-06	WG358132
1,1,1-Trichloroethane	mg/l	4.02	4.06	0.821	23	80.5	L341956-06	WG358132
1,1,2,2-Tetrachloroethane	mg/l	4.81	4.84	0.456	22	96.3	L341956-06	WG358132
1,1,2-Trichloroethane	mg/l	4.49	4.54	1.22	20	89.8	L341956-06	WG358132
1,1-Dichloroethane	mg/l	3.66	3.67	0.0656	21	73.3	L341956-06	WG358132
1,1-Dichloroethene	mg/l	3.29	3.30	0.150	23	65.8	L341956-06	WG358132
1,2,3-Trichloropropane	mg/l	4.84	4.85	0.184	23	96.7	L341956-06	WG358132
1,2-Dichlorobenzene	mg/l	4.26	4.35	2.16	23	85.1	L341956-06	WG358132
1,2-Dichloroethane	mg/l	4.24	4.27	0.862	21	84.7	L341956-06	WG358132

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1,2-Dichloropropane	mg/l	4.55	4.28	6.10	20	91.0	L341956-06	WG358132

Matrix Spike Duplicate

Analyte	Units	MSD Res	Ref Res	RPD	Limit	%Rec	Ref Samp	Batch
1,4-Dichlorobenzene	mg/l	3.97	4.17	4.97	23	79.4	L341956-06	WG358132
2-Butanone (MEK)	mg/l	23.7	22.9	3.37	26	94.8	L341956-06	WG358132
2-Hexanone	mg/l	25.0	24.7	1.15	28	100.	L341956-06	WG358132
4-Methyl-2-pentanone (MIBK)	mg/l	25.9	25.7	0.715	28	104.	L341956-06	WG358132
Acetone	mg/l	24.9	23.8	4.33	26	99.4	L341956-06	WG358132
Acrylonitrile	mg/l	22.9	22.3	2.90	24	91.7	L341956-06	WG358132
Benzene	mg/l	4.01	4.00	0.0833	21	71.3	L341956-06	WG358132
Bromochloromethane	mg/l	3.32	3.53	6.00	21	66.5	L341956-06	WG358132
Bromodichloromethane	mg/l	4.82	4.81	0.170	20	96.3	L341956-06	WG358132
Bromoform	mg/l	4.30	4.33	0.817	20	85.9	L341956-06	WG358132
Bromomethane	mg/l	3.83	3.46	10.0	35	76.6	L341956-06	WG358132
Carbon disulfide	mg/l	2.34	2.43	3.66	25	46.8	L341956-06	WG358132
Carbon tetrachloride	mg/l	4.68	4.71	0.534	24	93.6	L341956-06	WG358132
Chlorobenzene	mg/l	3.71	3.90	4.91	22	74.2	L341956-06	WG358132
Chlorodibromomethane	mg/l	4.61	4.72	2.29	21	92.3	L341956-06	WG358132
Chloroethane	mg/l	3.52	3.41	3.26	27	70.4	L341956-06	WG358132
Chloroform	mg/l	4.07	4.06	0.334	21	81.4	L341956-06	WG358132
Chloromethane	mg/l	3.20	3.23	1.01	28	64.0	L341956-06	WG358132
cis-1,2-Dichloroethene	mg/l	3.49	3.62	3.49	22	69.9	L341956-06	WG358132
cis-1,3-Dichloropropene	mg/l	4.05	4.02	0.680	21	81.0	L341956-06	WG358132
Dibromomethane	mg/l	4.35	4.38	0.787	20	87.0	L341956-06	WG358132
Ethylbenzene	mg/l	3.59	3.76	4.50	24	71.0	L341956-06	WG358132
Iodomethane	mg/l	15.4	16.3	5.29	27	61.7	L341956-06	WG358132
Methylene Chloride	mg/l	3.79	3.81	0.289	21	75.9	L341956-06	WG358132
Styrene	mg/l	4.11	4.27	3.94	23	82.1	L341956-06	WG358132
Tetrachloroethene	mg/l	3.31	3.44	3.86	24	66.2	L341956-06	WG358132
Toluene	mg/l	3.90	4.01	2.81	22	75.4	L341956-06	WG358132
trans-1,2-Dichloroethene	mg/l	3.30	3.35	1.48	23	65.9	L341956-06	WG358132
trans-1,3-Dichloropropene	mg/l	4.32	4.34	0.453	22	86.5	L341956-06	WG358132
trans-1,4-Dichloro-2-butene	mg/l	4.33	4.31	0.480	29	86.6	L341956-06	WG358132
Trichloroethene	mg/l	3.84	3.85	0.192	21	76.9	L341956-06	WG358132
Trichlorofluoromethane	mg/l	3.74	3.90	4.00	24	74.9	L341956-06	WG358132
Vinyl acetate	mg/l	18.2	18.0	1.13	26	73.0	L341956-06	WG358132
Vinyl chloride	mg/l	3.10	3.23	4.20	26	62.0	L341956-06	WG358132
Xylenes, Total	mg/l	11.2	11.7	4.44	23	72.0	L341956-06	WG358132
Alkalinity	mg/l	246.	239.	2.89	20	82.0	L342224-05	WG358184
1,1,1,2-Tetrachloroethane	mg/l	0.540	0.566	4.68	21	108.	L341851-09	WG358226
1,1,1-Trichloroethane	mg/l	0.509	0.527	3.51	23	102.	L341851-09	WG358226
1,1,2,2-Tetrachloroethane	mg/l	0.512	0.527	2.78	22	102.	L341851-09	WG358226
1,1,2-Trichloroethane	mg/l	0.486	0.505	3.66	20	97.3	L341851-09	WG358226
1,1-Dichloroethane	mg/l	0.450	0.459	2.10	21	90.0	L341851-09	WG358226
1,1-Dichloroethene	mg/l	0.458	0.453	0.974	23	91.5	L341851-09	WG358226
1,2,3-Trichloropropane	mg/l	0.542	0.567	4.60	23	108.	L341851-09	WG358226
1,2-Dichlorobenzene	mg/l	0.477	0.473	0.791	23	95.4	L341851-09	WG358226
1,2-Dichloroethane	mg/l	0.526	0.534	1.47	21	105.	L341851-09	WG358226
1,2-Dichloropropane	mg/l	0.503	0.482	4.19	20	101.	L341851-09	WG358226
1,4-Dichlorobenzene	mg/l	0.466	0.466	0.0589	23	93.2	L341851-09	WG358226
2-Butanone (MEK)	mg/l	2.45	2.22	9.78	26	98.0	L341851-09	WG358226
2-Hexanone	mg/l	2.63	2.54	3.37	28	105.	L341851-09	WG358226
4-Methyl-2-pentanone (MIBK)	mg/l	2.65	2.52	4.83	28	106.	L341851-09	WG358226
Acetone	mg/l	2.66	2.61	1.74	26	106.	L341851-09	WG358226
Acrylonitrile	mg/l	2.37	2.53	6.68	24	94.7	L341851-09	WG358226
Benzene	mg/l	0.477	0.483	1.15	21	87.0	L341851-09	WG358226
Bromochloromethane	mg/l	0.437	0.461	5.20	21	87.5	L341851-09	WG358226
Bromodichloromethane	mg/l	0.549	0.533	2.95	20	110.	L341851-09	WG358226
Bromoform	mg/l	0.484	0.458	5.42	20	96.8	L341851-09	WG358226
Bromomethane	mg/l	0.614	0.599	2.44	35	123.	L341851-09	WG358226

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Carbon disulfide	mg/l	0.473	0.435	8.51	25	94.6	L341851-09	WG358226

Matrix Spike Duplicate

Analyte	Units	MSD Res	Ref Res	RPD	Limit	%Rec	Ref Samp	Batch
Carbon tetrachloride	mg/l	0.634	0.655	3.21	24	127.	L341851-09	WG358226
Chlorobenzene	mg/l	0.463	0.487	5.04	22	92.7	L341851-09	WG358226
Chlorodibromomethane	mg/l	0.543	0.549	1.15	21	109.	L341851-09	WG358226
Chloroethane	mg/l	0.463	0.440	5.22	27	92.7	L341851-09	WG358226
Chloroform	mg/l	0.483	0.489	1.17	21	96.3	L341851-09	WG358226
Chloromethane	mg/l	0.430	0.433	0.657	28	86.0	L341851-09	WG358226
cis-1,2-Dichloroethene	mg/l	0.433	0.442	2.07	22	86.6	L341851-09	WG358226
cis-1,3-Dichloropropene	mg/l	0.489	0.422	14.7	21	97.8	L341851-09	WG358226
Dibromomethane	mg/l	0.518	0.489	5.69	20	104.	L341851-09	WG358226
Ethylbenzene	mg/l	0.505	0.549	8.40	24	88.0	L341851-09	WG358226
Iodomethane	mg/l	2.73	2.39	13.2	27	109.	L341851-09	WG358226
Methylene Chloride	mg/l	0.484	0.464	4.20	21	96.7	L341851-09	WG358226
Styrene	mg/l	0.512	0.543	5.96	23	102.	L341851-09	WG358226
Tetrachloroethene	mg/l	0.457	0.475	3.86	24	91.5	L341851-09	WG358226
Toluene	mg/l	0.590	0.597	1.21	22	99.3	L341851-09	WG358226
trans-1,2-Dichloroethene	mg/l	0.486	0.503	3.39	23	97.3	L341851-09	WG358226
trans-1,3-Dichloropropene	mg/l	0.520	0.449	14.6	22	104.	L341851-09	WG358226
trans-1,4-Dichloro-2-butene	mg/l	0.480	0.484	0.808	29	96.0	L341851-09	WG358226
Trichloroethene	mg/l	0.504	0.487	3.37	21	101.	L341851-09	WG358226
Trichlorofluoromethane	mg/l	0.517	0.527	1.86	24	103.	L341851-09	WG358226
Vinyl acetate	mg/l	2.01	2.03	0.918	26	80.6	L341851-09	WG358226
Vinyl chloride	mg/l	0.416	0.399	4.26	26	83.3	L341851-09	WG358226
Xylenes, Total	mg/l	3.28	3.48	5.65	23	52.3	L341851-09	WG358226
1,1,1,2-Tetrachloroethane	mg/l	4.79	4.94	3.06	21	95.9	L342417-02	WG358248
1,1,1-Trichloroethane	mg/l	4.24	4.76	11.5	23	84.8	L342417-02	WG358248
1,1,2,2-Tetrachloroethane	mg/l	4.40	4.86	9.87	22	88.0	L342417-02	WG358248
1,1,2-Trichloroethane	mg/l	4.66	4.91	5.16	20	93.3	L342417-02	WG358248
1,1-Dichloroethane	mg/l	4.13	4.31	4.33	21	82.5	L342417-02	WG358248
1,1-Dichloroethene	mg/l	4.27	4.75	10.7	23	85.4	L342417-02	WG358248
1,2,3-Trichloropropane	mg/l	4.33	4.83	10.9	23	86.7	L342417-02	WG358248
1,2-Dichlorobenzene	mg/l	4.43	5.00	12.2	23	88.6	L342417-02	WG358248
1,2-Dichloroethane	mg/l	4.48	4.63	3.41	21	89.5	L342417-02	WG358248
1,2-Dichloropropane	mg/l	4.50	5.16	13.5	20	90.1	L342417-02	WG358248
1,4-Dichlorobenzene	mg/l	4.33	4.86	11.7	23	86.5	L342417-02	WG358248
2-Butanone (MEK)	mg/l	19.8	22.3	11.8	26	79.4	L342417-02	WG358248
2-Hexanone	mg/l	21.8	24.8	12.8	28	87.2	L342417-02	WG358248
4-Methyl-2-pentanone (MIBK)	mg/l	22.2	25.5	13.9	28	88.6	L342417-02	WG358248
Acetone	mg/l	19.2	21.3	10.3	26	76.8	L342417-02	WG358248
Acrylonitrile	mg/l	20.2	21.3	5.63	24	80.7	L342417-02	WG358248
Benzene	mg/l	4.23	4.49	5.84	21	84.7	L342417-02	WG358248
Bromochloromethane	mg/l	4.39	4.48	2.00	21	87.8	L342417-02	WG358248
Bromodichloromethane	mg/l	4.45	4.78	7.17	20	89.0	L342417-02	WG358248
Bromoform	mg/l	4.82	5.15	6.73	20	96.4	L342417-02	WG358248
Bromomethane	mg/l	4.61	5.22	12.4	35	92.3	L342417-02	WG358248
Carbon disulfide	mg/l	3.75	4.16	10.4	25	74.6	L342417-02	WG358248
Carbon tetrachloride	mg/l	4.28	4.82	11.9	24	85.6	L342417-02	WG358248
Chlorobenzene	mg/l	4.54	4.84	6.48	22	90.8	L342417-02	WG358248
Chlorodibromomethane	mg/l	4.99	5.18	3.87	21	99.7	L342417-02	WG358248
Chloroethane	mg/l	4.72	4.94	4.57	27	94.4	L342417-02	WG358248
Chloroform	mg/l	4.26	4.52	6.06	21	85.1	L342417-02	WG358248
Chloromethane	mg/l	5.31	5.91	10.8	28	106.	L342417-02	WG358248
cis-1,2-Dichloroethene	mg/l	4.26	4.48	5.06	22	85.2	L342417-02	WG358248
cis-1,3-Dichloropropene	mg/l	4.50	4.79	6.38	21	90.0	L342417-02	WG358248
Dibromomethane	mg/l	4.49	4.85	7.69	20	89.8	L342417-02	WG358248
Ethylbenzene	mg/l	5.96	6.38	6.89	24	91.1	L342417-02	WG358248
Iodomethane	mg/l	19.7	21.0	6.50	27	78.7	L342417-02	WG358248
Methylene Chloride	mg/l	4.30	4.46	3.65	21	85.9	L342417-02	WG358248
Styrene	mg/l	4.54	4.87	6.87	23	90.9	L342417-02	WG358248

ENVIRONMENTAL
SCIENCE CORP.

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Tax I.D. 62-0814289

Est. 1970

S&ME Inc. - Charlotte NC
Courtney Withers
9751 Southern Pine Blvd.

Charlotte, NC 28273

Quality Assurance Report
Level II

L342345

May 06, 2008

Tetrachloroethene	mg/l	4.43	4.80	8.13	24	88.5	L342417-02	WG358248

Matrix Spike Duplicate

Analyte	Units	MSD Res	Ref Res	RPD	Limit	%Rec	Ref Samp	Batch
Toluene	mg/l	4.46	4.88	8.86	22	89.3	L342417-02	WG358248
trans-1,2-Dichloroethene	mg/l	4.35	4.67	7.10	23	87.0	L342417-02	WG358248
trans-1,3-Dichloropropene	mg/l	4.29	4.59	6.66	22	85.9	L342417-02	WG358248
trans-1,4-Dichloro-2-butene	mg/l	3.37	3.79	11.8	29	67.4	L342417-02	WG358248
Trichloroethene	mg/l	4.10	4.58	11.0	21	82.1	L342417-02	WG358248
Trichlorofluoromethane	mg/l	4.64	5.24	12.0	24	92.9	L342417-02	WG358248
Vinyl acetate	mg/l	21.2	22.5	5.92	26	84.9	L342417-02	WG358248
Vinyl chloride	mg/l	4.56	5.24	13.8	26	91.2	L342417-02	WG358248
Xylenes, Total	mg/l	18.6	20.1	7.98	23	82.6	L342417-02	WG358248

Batch number /Run number / Sample number cross reference

WG357305: R364708: L342345-24 25 26 27 28 29
WG357394: R364711: L342345-30
WG357491: R364876: L342345-30
WG357338: R364898: L342345-01 02 03 04 05 06 07 08 09 10
WG357510: R365111: L342345-27 28 29 30 32 33 34 35 36
WG357509: R365117: L342345-21 22 24 25 26
WG357393: R365118: L342345-01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20
WG357571: R365186: L342345-11
WG357684: R365206: L342345-30
WG357683: R365207: L342345-25 26
WG357442: R365223: L342345-27 28 29
WG357443: R365224: L342345-24
WG357397: R365246: L342345-01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18
WG357398: R365247: L342345-19 20 21 22 24 25 26 27 28 29 30 32 33 34 35 36
WG357482: R365309: L342345-30
WG357948: R365313: L342345-01 02 03 04 05 06 07 08 09 10
WG357395: R365329: L342345-12 13 14 15 16 17 18 19 20 21 22 24 25 26 27 28 29 30 32 33
WG357514: R365369: L342345-34 35 36
WG358132: R365533: L342345-24 25 26 27 28 29 30 31 32 33
WG358050: R365559: L342345-14 15 16 17 18 20 21 22 23
WG357352: R365633: L342345-30
WG358061: R365664: L342345-13
WG358226: R365866: L342345-11 12 34 35 36
WG358248: R365973: L342345-19
WG358184: R366027: L342345-24 25 26 27 28 29
WG357950: R366249: L342345-30

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

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Est. 1970

S&ME Inc. - Charlotte NC
Courtney Withers
9751 Southern Pine Blvd.
Charlotte, NC 28273

Quality Assurance Report
Level II

L342345

May 06, 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.

S&ME Inc. - Charlotte NC

9751 Southern Pine Blvd.
Charlotte,NC 28273

Alternate billing information:

Chain of Custody
Page 1 of 10

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

Report to: Courtney Withers
Email: crwithers@smeinc.com
Project Description: Lincoln County Landfill
City/State Collected: Crouse, NC
Phone: (704) 523-4726
FAX: (704) 525-3953
Client Project #: 1356-07-004
Lab Project #: SMECNC-1356-07-004
Collected by (print): Tom Steelman
Site/Facility ID#: Lincoln County Landfill
P.O.#: 46171
Collected by (signature): Tom Steelman
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 X Yes
FAX? X No ___Yes

(lab use only)
Acctnum: SMECNC
Template/Prelogin: T49513/ P238956
Cooler #: 3/18 jt
Shipped Via: FedEX Ground

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	ALK 500mlHDPE-NoPres	AP1 Metals + Fe, Mn 500mlHDPE-HNO3	AP1 Metals 500mlHDPE-HNO3	BOD 1L-HDPE-NoPres	COD 250mlHDPE-H2SO4	Cl, SO4 125mlHDPE-NoPres	~~FLUORIDE 125mlHDPE-NoPres~~	~~Fluoride~~, Sulfate 125mlHDPE-NoPres	Remarks/Contaminant	Sample # (lab only)
5503 MW-1A	Grab	GW		4/22/08	0800	4 TR		X					X			L342345-01
~~5503 MW-8~~	~~Grab~~	~~GW~~		~~4/22/08~~	~~0800~~	~~4~~			~~X~~				X			
5503 MW-9	Grab	GW		4/22/08	0945	4 TR			X				X			02
5503 MW-10R	Grab	GW		4/22/08	0935	4 TR			X				X			03
5503 MW-12	Grab	GW		4/22/08	1010	4 TR			X				X			04
5503 MW-13	Grab	GW		4/23/08	0807	4 TR			X				X			05
5503 MW-14	Grab	GW		4/23/08	0815	4 TR			X				X			06
5503 MW-15	Grab	GW		4/23/08	0850	4 TR			X				X			07
5503 MW-16R	Grab	GW		4/23/08	0755	4 TR			X				X			08

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

pH _____ Temp _____
Flow _____ Other _____

Remarks: do not analyze for fluorine on any samples

6906
9669 7430 6891

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐	Condition: (lab use only)
Courtney R. Withers	4/23/08	1600			
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 3.4°C Bottles Received: 132+2 TR	COC Seal Intact: ✓ Y ___ N ___ NA
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) TR6/p	Date: 4/24/08 Time: 9:00a.m.	pH Checked: 2 NCF:

S&ME Inc. - Charlotte NC

9751 Southern Pine Blvd.
Charlotte,NC 28273

Alternate billing information:

Chain of Custody
Page 6 of 10

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

Report to: Courtney Withers
Email: crwithers@smeinc.com
Project Description: Lincoln County Landfill
City/State Collected: Crouse, NC
Phone: (704) 523-4726
FAX: (704) 525-3953
Client Project #: 1356-07-004
Lab Project #: SMECNC-1356-07-004
Collected by (print): Tom Steelman
Site/Facility ID#: Lincoln County Landfill
P.O.#: 46171
Collected by (signature): Tom Steelman
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 X Yes
FAX? X No ___Yes

Acctnum: SMECNC (lab use only)
Template/Prelogin: T49513/ P238956
Cooler #: 3/18 ✓
Shipped Via: FedEx Ground

Analysis/Container/Preservative: NO2NO3, PT 250mlHDPE-H2SO4; TDS 250mlHDPE-NoPres; TSS 1L-HDPE NoPres; V8260AP1 40mlAmb-HCl; V8260AP1 40mlAmb-HCl-Blk

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	NO2NO3, PT 250mlHDPE-H2SO4	TDS 250mlHDPE-NoPres	TSS 1L-HDPE NoPres	V8260AP1 40mlAmb-HCl	V8260AP1 40mlAmb-HCl-Blk			Remarks/Contaminant	Sample # (lab only)
5503 MW-1A	Grab	GW		4/22/08	0800	4				X					L3V23V5-01
~~5503 MW-8~~	~~Grab~~	~~GW~~				~~4~~				~~X~~					
5503 MW-9	Grab	GW		4/22/08	0945	4				X					02
5503 MW-10R	Grab	GW		4/22/08	0935	4				X					03
5503 MW-12	Grab	GW		4/22/08	1010	4				X					04
5503 MW-13	Grab	GW		4/23/08	0807	4				X					05
5503 MW-14	Grab	GW		4/23/08	0815	4				X					06
5503 MW-15	Grab	GW		4/23/08	0850	4				X					07
5503 MW-16R	Grab	GW		4/23/08	0755	4				X					08

*Matrix: **SS** - Soil **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 ☐	Condition: (lab use only)
Courtney R. Withers	4/23/08	1600			
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 3.4°C Bottles Received: 132+2TB	COC Seal Intact: ✓ Y ___ N ___ NA
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 4/24/08 Time: 9:000m	pH Checked: <2 NCF: Y/N

ENVIRONMENTAL SCIENCE CORP.

SAMPLE NON-CONFORMANCE FORM

Sample No. : L 342345

Date: 4/24/08

Evaluated by: [illegible]

Client: Smecnc

Non-Conformance (check applicable items)

	Chain of Custody is missing	✓	Login Clarification Needed
	Improper container type		Improper preservation
	Chain of custody is incomplete		Container lid not in tact
	Parameter(s) past holding time		Improper temperature
	Broken container(s) **see below**		Broken container: sufficient sample volume remains for analysis requested

- _____ Insufficient packing material around container
- _____ Insufficient packing material inside cooler
- _____ Improper handling by carrier (FedEx / UPS / Courier)
- _____ Sample was frozen

Comments: Please clarify time on "mw-26" + "mw-27". See remarks.

Login Instructions: **TSR Initials:** JE

Client informed by (call) / email / fax / voice mail date: 4-24-08 time: 1245

Client contact: Courtney Withers

MW-26 was collected @ 1030. MW-27 was collected @ 1025. Labels on jars should be correct.

S&ME Inc. - Charlotte NC

9751 Southern Pine Blvd.
Charlotte,NC 28273

Alternate billing information:

Chain of Custody
Page 2 of 10

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

Report to: Courtney Withers
Email: crwithers@smeinc.com
Project Description: Lincoln County Landfill
City/State Collected: Crouse, NC
Phone: (704) 523-4726
FAX: (704) 525-3953
Client Project #: 1356-07-004
Lab Project #: SMECNC-1356-07-004
Collected by (print): Tom Steelman
Site/Facility ID#: Lincoln County Landfill
P.O.#: 46171
Collected by (signature): Tom Steelman
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 X Yes
FAX? X No ___Yes

Acctnum: SMECNC (lab use only)
Template/Prelogin: T49513/ P238956
Cooler #: 3/18
Shipped Via: FedEx Ground

Analysis/Container/Preservative

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	ALK 500mlHDPE-NoPres	AP1 Metals + Fe, Mn 500mlHDPE-HNO3	AP1 Metals 500mlHDPE-HNO3	BOD 1L-HDPE-NoPres	COD 250mlHDPE-H2SO4	Cl, X, SO4 125mlHDPE-NoPres	~~FLUORIDE 125mlHDPE-NoPres~~	~~Fluoride~~, Sulfate 125mlHDPE-NoPres	Remarks/Contaminant	Sample # (lab only)
5503 MW-17	Grab	GW		4/22/08	0815	43			X				X			L342345-09
5503 MW-18	Grab	GW		4/23/08	0840	43			X				X			10
5503 MW-19	Grab	GW		4/23/08	0842	43			X				X			11
5503 MW-20	Grab	GW		4/23/08	0835	43			X				X			12
5503 MW-21	Grab	GW		4/23/08	0855	43			X				X			13
5503 MW-24	Grab	GW		4/22/08	1000	43			X				X			14
5503 MW-25	Grab	GW		4/22/08	0915	43			X				X			15
5503 MW-25A	Grab	GW		4/22/08	0915	43			X				X			16
5503 MW-32R	Grab	GW		4/23/08	0900	43			X				X			17

*Matrix: SS - Soil 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 ☐	Condition: (lab use only)
Courtney R. Withers	4/23/08	1600			
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 3.4°C Bottles Received: 132+2	COC Seal Intact: ✓ Y ___ N ___ NA
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 4/24/08 Time: 9:00am	pH Checked: <2 NCF: Yes

S&ME Inc. - Charlotte NC

9751 Southern Pine Blvd.
Charlotte,NC 28273

Alternate billing information:

Chain of Custody
Page 1 of 16

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

Report to: Courtney Withers
Email: crwithers@smeinc.com

Project Description: Lincoln County Landfill
City/State Collected: Crouse, NC

Phone: (704) 523-4726
FAX: (704) 525-3953

Client Project #: 1356-07-004
Lab Project #: SMECNC-1356-07-004

Collected by (print): Tom Steelman
Site/Facility ID#: Lincoln County Landfill
P.O.#: 46171

Collected by (signature): Tom Steelman
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 X Yes
FAX? X No ___Yes

Acctnum: SMECNC (lab use only)
Template/Prelogin: T49513/ P238956
Cooler #: jr 3/18
Shipped Via: FedEX Ground

Analysis/Container/Preservative: NO2NO3, PT 250mlHDPE-H2SO4; TDS 250mlHDPE-NoPres; TSS 1L-HDPE NoPres; V8260AP1 40mlAmb-HCl; V8260AP1 40mlAmb-HCl-Blk

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	NO2NO3, PT 250mlHDPE-H2SO4	TDS 250mlHDPE-NoPres	TSS 1L-HDPE NoPres	V8260AP1 40mlAmb-HCl	V8260AP1 40mlAmb-HCl-Blk		Remarks/Contaminant	Sample # (lab only)
5503 MW-17	Grab	GW		4/22/08	0815	4				X				L3123V5-09
5503 MW-18	Grab	GW		4/23/08	0840	4				X				10
5503 MW-19	Grab	GW		4/23/08	0842	4				X				11
5503 MW-20	Grab	GW		4/23/08	0835	4				X				12
5503 MW-21	Grab	GW		4/23/08	0855	4				X				13
5503 MW-24	Grab	GW		4/22/08	1000	4				X				14
5503 MW-25	Grab	GW		4/22/08	0915	4				X				15
5503 MW-25A	Grab	GW		4/22/08	0915	4				X				16
5503 MW-32R	Grab	GW		4/23/08	0900	4				X				17

*Matrix: SS - Soil 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 ☐	Condition: (lab use only)
Courtney R. Withers	4/23/08	1600			
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 3.4°C Bottles Received: 132+2 TB	COC Seal Intact: ✓ Y ___ N ___ NA
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 4/24/08 Time: 9:00 a.m.	pH Checked: <2 NCF: yes

S&ME Inc. - Charlotte NC

9751 Southern Pine Blvd.
Charlotte,NC 28273

Alternate billing information:

Chain of Custody
Page 3 of 16

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

Report to: Courtney Withers
Email: crwithers@smeinc.com
Project Description: Lincoln County Landfill
City/State Collected: Crouse, NC
Phone: (704) 523-4726
FAX: (704) 525-3953
Client Project #: 1356-07-004
Lab Project #: SMECNC-1356-07-004
Collected by (print): Tom Steelman
Site/Facility ID#: Lincoln County Landfill
P.O.#: 46171
Collected by (signature): Tom Steelman
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 X Yes
FAX? X No ___Yes

Acctnum: SMECNC (lab use only)
Template/Prelogin: T49513/ P238956
Cooler #: 3/14 pl
Shipped Via: FedEx Ground

Analysis/Container/Preservative

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	ALK 500mlHDPE-NoPres	AP1 Metals + Fe, Mn 500mlHDPE-HNO3	AP1 Metals 500mlHDPE-HNO3	BOD 1L-HDPE-NoPres	COD 250mlHDPE-H2SO4	Cl, ~~F~~, SO4 125mlHDPE-NoPres	~~Fluoride~~, Sulfate 125mlHDPE-NoPres	Remarks/Contaminant	Sample # (lab only)
5503 MW-33	Grab	GW		4/23/08	0905	43			X				X		L342345-18
5503 MW-33A	Grab	GW		4/23/08	0910	43			X				X		19
5503 MW-34	Grab	GW		4/23/08	0940	43			X				X		20
5503 MW-35	Grab	GW		4/23/08	0945	43			X				X		21
5503 MW-35A	Grab	GW		4/23/08	0950	43			X				X		22
MSW TRIP BLANK	Grab	GW		4/23/08		1									23
5503 MW-26	Grab	GW		4/23/08	1025	6	X	X				X			24
5503 MW-27	Grab	GW		4/23/08	1030	6	X	X				X			25
5503 MW-28	Grab	GW		4/23/08	1015	6	X	X				X			26

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

Remarks: Please note change on labels (MW-26 & MW-27 were switched)

pH _____ Temp _____
Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ ____	Condition: (lab use only)
Courtney R. Withers	4/23/08	1600			
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 3.4°C Bottles Received: 132+2 TB	COC Seal Intact: ✓ Y N NA
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 4/24/08 Time: 9:00 am	pH Checked: <2 NCF: Y/N

S&ME Inc. - Charlotte NC

9751 Southern Pine Blvd.
Charlotte,NC 28273

Alternate billing information:

Chain of Custody
Page 8 of 10

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

Report to: Courtney Withers
Email: crwithers@smeinc.com
Project Description: Lincoln County Landfill
City/State Collected: Crouse, NC
Phone: (704) 523-4726
FAX: (704) 525-3953
Client Project #: 1356-07-004
Lab Project #: SMECNC-1356-07-004
Collected by (print): Tom Steelman
Site/Facility ID#: Lincoln County Landfill
P.O.#: 46171
Collected by (signature): Tom Steelman
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 X Yes
FAX? X No ___Yes

Acctnum: SMECNC (lab use only)
Template/Prelogin: T49513/ P238956
Cooler #: 3/18 1
Shipped Via: FedEx Ground

Analysis/Container/Preservative

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	NO2NO3, PT 250mlHDPE-H2SO4	TDS 250mlHDPE-NoPres	TSS 1L-HDPE NoPres	V8260AP1 40mlAmb-HCl	V8260AP1 40mlAmb-HCl-Blk			Remarks/Contaminant	Sample # (lab only)
5503 MW-33	Grab	GW		4/23/08	0905	4				X					L342345-18
5503 MW-33A	Grab	GW		4/23/08	0910	4				X					19
5503 MW-34	Grab	GW		4/23/08	0940	4				X					20
5503 MW-35	Grab	GW		4/23/08	0945	4				X					21
5503 MW-35A	Grab	GW		4/23/08	0950	4				X					22
MSW TRIP BLANK	Grab	GW		4/23/08		1					X				23
5503 MW-26	Grab	GW		4/23/08	1025	6		X		X					24
5503 MW-27	Grab	GW		4/23/08	1030	6		X		X					25
5503 MW-28	Grab	GW		4/23/08	1015	6		X		X					26

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

Remarks: please note change written on labels (MW-26 & MW-27 were switched)

pH _____ Temp _____
Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐	Condition: (lab use only)
Courtney R Withers	4/23/08	1600			
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 3.4°C / Bottles Received: 132+2TB	COC Seal Intact: ✓ Y ___ N ___ NA
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 4/24/08 / Time: 9:00 am	pH Checked: <2 / NCF: NA

S&ME Inc. - Charlotte NC

9751 Southern Pine Blvd.
Charlotte,NC 28273

Alternate billing information:

Chain of Custody
Page 4 of 10

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

Report to: Courtney Withers
Email: crwithers@smeinc.com
Project Description: Lincoln County Landfill
City/State Collected: Crouse, NC
Phone: (704) 523-4726
FAX: (704) 525-3953
Client Project #: 1356-07-004
Lab Project #: SMECNC-1356-07-004
Collected by (print): Tom Steelman
Site/Facility ID#: Lincoln County Landfill
P.O.#: 46171
Collected by (signature): Tom Steelman
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 X Yes
FAX? X No ___Yes

Acctnum: SMECNC (lab use only)
Template/Prelogin: T49513/ P238956
Cooler #: 3/18
Shipped Via: FedEX Ground

Analysis/Container/Preservative

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	ALK 500mlHDPE-NoPres	AP1 Metals + Fe, Mn 500mlHDPE-HNO3	AP1 Metals 500mlHDPE-HNO3	BOD 1L-HDPE-NoPres	COD 250mlHDPE-H2SO4	Cl, SO4 125mlHDPE-NoPres	~~FLUORIDE 125mlHDPE-NoPres~~	~~Fluoride~~, Sulfate 125mlHDPE-NoPres	Remarks/Contaminant	Sample # (lab only)
5503 MW-29	Grab	GW		4/22/08	0835	6	X	X				X				13423 V5-27
5503 MW-30	Grab	GW		4/22/08	0850	6	X	X				X				28
5503 MW-31	Grab	GW		4/22/08	0900	6	X	X				X				29
5503 LIFT STATION	Grab	GW		4/23/08	0920	8			X	X	X			X		30
LIFT STN TRIP BLANK	Grab	GW		4/23/08	0920	1										31
5503 SW-1	Grab	GW		4/23/08	1045	43		X					X			32
5503 SW-2	Grab	GW		4/23/08	1050	43		X					X			33
5503 SW-3	Grab	GW		4/23/08	1100	43		X					X			34
5503 SW-4	Grab	GW		4/23/08	1120	43		X					X			35

*Matrix: **SS** - Soil **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 ☐	Condition: (lab use only)
Courtney K. Withers	4/23/08	1600			
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 3.4°C / Bottles Received: 132 + 2 TB	COC Seal Intact: ✓ Y ___ N ___ NA
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 4/24/08 / Time: 9:00 a.m.	pH Checked: <2 / NCF: YES

S&ME Inc. - Charlotte NC

9751 Southern Pine Blvd.
Charlotte,NC 28273

Alternate billing information:

Chain of Custody
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Prepared by:
ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (800) 767-5859
FAX (615) 758-5859

Report to: Courtney Withers
Email: crwithers@smeinc.com
Project Description: Lincoln County Landfill
City/State Collected: Crouse, NC
Phone: (704) 523-4726
FAX: (704) 525-3953
Client Project #: 1356-07-004
Lab Project #: SMECNC-1356-07-004
Collected by (print): Tom Steelman
Site/Facility ID#: Lincoln County Landfill
P.O.#: 46171
Collected by (signature): Tom Steelman
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 X Yes
FAX? X No ___Yes

Acctnum: SMECNC (lab use only)
Template/Prelogin: T49513/ P238956
Cooler #: 3/18 ✓
Shipped Via: FedEX Ground

Analysis/Container/Preservative

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	NO2NO3, PT 250mlHDPE-H2SO4	TDS 250mlHDPE-NoPres	TSS 1L-HDPE NoPres	V8260AP1 40mlAmb-HCl	V8260AP1 40mlAmb-HCl-Blk			Remarks/Contaminant	Sample # (lab only)
5503 MW-29	Grab	GW		4/23/08	0835	6		X		X					L342345-~~26~~ 27
5503 MW-30	Grab	GW		4/23/08	0850	6		X		X					~~27~~ 28
5503 MW-31	Grab	GW		4/23/08	0902	6		X		X					~~28~~ 29
5503 LIFT STATION	Grab	GW		4/23/08	0920	8	X		X	X					~~29~~ 30
LIFT STN TRIP BLANK	Grab	GW		4/23/08	0920	1					X				~~40~~ 31
5503 SW-1	Grab	GW		4/23/08	1045	~~4~~ 3				X					~~41~~ 32
5503 SW-2	Grab	GW		4/23/08	0950	~~4~~ 3				X					~~42~~ 33
5503 SW-3	Grab	GW		4/23/08	1000	~~4~~ 3				X					~~43~~ 34
5503 SW-4	Grab	GW		4/23/08	1120	~~4~~ 3				X					~~44~~ 35

AV

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

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Courtney R. Withers	4/23/08	1600	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)

Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ ____
Temp: 3.4°C
Bottles Received: 132+2 TB
Date: 4/24/08
Time: 9:00 a.m.

Condition: (lab use only)
COC Seal Intact: ✓ Y ___ N ___ NA
pH Checked: <2
NCF: Y

S&ME Inc. - Charlotte NC

9751 Southern Pine Blvd.
Charlotte,NC 28273

Alternate billing information:

Chain of Custody
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Prepared by:
ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (800) 767-5859
FAX (615) 758-5859

Report to: Courtney Withers
Email: crwithers@smeinc.com
Project Description: Lincoln County Landfill
City/State Collected: Crouse, NC
Phone: (704) 523-4726
FAX: (704) 525-3953
Client Project #: 1356-07-004
Lab Project #: SMECNC-1356-07-004
Collected by (print): Tom Steelman
Site/Facility ID#: Lincoln County Landfill
P.O.#: 46171
Collected by (signature): Tom Steelman
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 X Yes
FAX? X No ___Yes

Acctnum: SMECNC (lab use only)
Template/Prelogin: T49513/ P238956
Cooler #: 3/18 7h
Shipped Via: FedEx Ground

Analysis/Container/Preservative

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	ALK 500mlHDPE-NoPres	AP1 Metals + Fe, Mn 500mlHDPE-HNO3	AP1 Metals 500mlHDPE-HNO3	BOD 1L-HDPE-NoPres	COD 250mlHDPE-H2SO4	Cl, SO4 125mlHDPE-NoPres	~~FLUORIDE 125mlHDPE-NoPres~~	~~Fluoride~~, Sulfate 125mlHDPE-NoPres	Remarks/Contaminant	Sample # (lab only)
5503 SW-5	Grab	GW	—	4/23/08	1100	43		X					X			L313346-36

*Matrix: SS - Soil 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 ☐	Condition: (lab use only)
Courtney R. Withers	4/23/08	1600			
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 3.4°C Bottles Received: 132 + 2TB	COC Seal Intact: ✓ Y ___ N ___ NA
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 4/24/08 Time: 9:00 a.m.	pH Checked: <2 NCF: YES

S&ME Inc. - Charlotte NC

9751 Southern Pine Blvd.
Charlotte,NC 28273

Alternate billing information:

Chain of Custody
Page 10 of 10

Prepared by:
ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
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Phone (800) 767-5859
FAX (615) 758-5859

Report to: Courtney Withers
Email: crwithers@smeinc.com
Project Description: Lincoln County Landfill
City/State Collected: Crouse, NC
Phone: (704) 523-4726
FAX: (704) 525-3953
Client Project #: 1356-07-004
Lab Project #: SMECNC-1356-07-004
Collected by (print): Tom Steelman
Site/Facility ID#: Lincoln County Landfill
P.O.#: 46171
Collected by (signature): Tom Steelman
Immediately Packed on Ice N ___ Y X

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

Date Results Needed
Email? ___No X Yes
FAX? X No ___Yes

Acctnum: SMECNC (lab use only)
Template/Prelogin: T49513/ P238956
Cooler #: 3/18 ✓
Shipped Via: FedEX Ground

Analysis/Container/Preservative

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	NO2NO3, PT 250mlHDPE-H2SO4	TDS 250mlHDPE-NoPres	TSS 1L-HDPE NoPres	V8260AP1 40mlAmb-HCl	V8260AP1 40mlAmb-HCl-Blk			Remarks/Contaminant	Sample # (lab only)
5503 SW-5	Grab	GW	—	4/23/08	1100	4				X					L343345-36

*Matrix: SS - Soil 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 ☐	Condition: (lab use only)
Courtney R. Withers	4/23/08	1600			
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 3.4°C / Bottles Received: 132 +2	COC Seal Intact: ✓ Y ___ N ___ NA
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 4/24/08 / Time: 9:00 a.m.	pH Checked: <2 / NCF: YES