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January 6, 2014

Mr. Joseph Cherry
Solid Waste Superintendant
Lee County General Services
805 S. Fifth Street
Sanford, NC 27330

Re: OCTOBER 2013 SEMI-ANNUAL GROUNDWATER MONITORING REPORT
Lee County Landfill (#53-01)
331 Landfill Road, Sanford, Lee County, NC

Dear Mr. Cherry:

Please find the enclosed October 2013 Semi-Annual Groundwater Monitoring Report prepared by HRP Associates, Inc. (HRP). This report was generated in accordance with NCDENR Regulation 15A NCAC 13B .1600, Solid Waste Permit #53-01.

Please do not hesitate to contact HRP at (864) 289-0311 with any questions regarding this report or ongoing site activities. Thank you for your time and the continued opportunity to be of service to Lee County.

Sincerely,

HRP Associates, Inc.

Michael J. Pardue, GIT #24
Project Geologist

Shaun C. Malin, L.G. #2216
Project Manager

Attachment

HRP Associates, Inc.

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January 6, 2014

Ms. Jaclynne Drummond, Compliance Hydrogeologist
NC Department of Environment & Natural Resources
Division of Waste Management – Solid Waste Section
1646 Mail Service Center, Raleigh, NC 27699

Re: OCTOBER 2013 SEMI-ANNUAL GROUNDWATER MONITORING REPORT
Lee County Landfill (#53-01)
331 Landfill Road, Sanford, Lee County, NC

Dear Ms. Drummond:

Enclosed please find the October 2013 Semi-Annual Groundwater Monitoring Report for the Lee County Landfill (Solid Waste Permit #53-01) located at 331 Landfill Road in Sanford, Lee County, North Carolina. This report was generated in accordance with NCDENR Regulation 15A NCAC 13B .0544, Solid Waste Permit #53-01.

Please do not hesitate to contact HRP at 800-752-3922 with any questions regarding the content of this report or ongoing site activities. Thank you for your time and have a great day.

Sincerely,

HRP Associates, Inc.

Michael J. Pardue, GIT #24
Project Geologist

Shaun C. Malin, L.G. #2216
Project Manager

cc: Mr. Joseph Cherry, Solid Waste Superintendant, Lee County General Services

Attachment

GROUNDWATER MONITORING REPORT
OCTOBER 2013 SEMI-ANNUAL EVENT

LEE COUNTY LANDFILL
PERMIT #53-01

331 LANDFILL ROAD, SANFORD, LEE COUNTY, NORTH CAROLINA

January 6, 2014

Submitted by:

HRP *Associates, Inc.*

Environmental/Civil Engineering & Hydrogeology
1327-D Miller Road
Greenville, SC 29607

Michael Pardue, GIT #24
Project Geologist

Shaun Malin
Project Manager, L.G. #2216

NORTH CAROLINA LICENSED SEAL 2216 GEOLOGIST SHAUN CAMERON MALIN

HRP # LEE7000.GW, Task 01

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EXECUTIVE SUMMARY

On behalf of Lee County, HRP Associates, Inc. (HRP) has prepared this report detailing the results of the 2013 October semi-annual groundwater monitoring event conducted at the Lee County Landfill (the Site) located at 330 Landfill Road in Sanford, Lee County, North Carolina. This report has been prepared in accordance with North Carolina Regulation 15A NCAC 13B .0544, Solid Waste Permit #53-01. HRP submits this report on behalf of the Lee County C&D Landfill. This report documents semi-annual monitoring activities conducted at the Site in October 2013.

The groundwater monitoring network consists of ten (10) wells: MW-4, MW-5, MW-6, MW-7, MW-9, MW-10, MW-11, MW-12, MW-13, and MW-14. Monitoring well MW-11 is located up-gradient and serves as the background well. The remaining groundwater monitoring wells are located down-gradient of the disposal unit. These wells are strategically positioned to monitor the potential impact of the landfill on the groundwater quality in the shallow aquifer at the Site. Six (6) of the ten (10) wells are sampled semi-annually.

Groundwater elevation measurements were collected from the aforementioned monitoring network during the October 2013 sampling event. Groundwater flow at the Site is to the south-southeast towards Mare Branch (**Figure 2**).

Groundwater samples were collected from six (6) of the aforementioned wells on October 10, 2013. Analytical results indicate that two (2) constituents exceeded their respective North Carolina Groundwater Quality Standard (NCGWQS) in one (1) of six (6) wells. These exceedances are consistent with data collected during previous sampling periods.

During the October 2013 sampling event, a surface water sample was collected from monitoring location SW-2. No constituents were detected above North Carolina Surface Water Quality Standards (NCSWQSs) at this location.

Organic and inorganic constituent data collected during the reporting period indicate that the operations conducted by the Lee County Landfill have not impacted the aquifer below the disposal unit. As such, the current groundwater monitoring well network is considered sufficient to evaluate the underlying aquifer. Groundwater constituent data will continue to be collected semi-annually in accordance 15A NCAC 13B .0544.

1.0 INTRODUCTION

On behalf of Lee County, HRP Associates, Inc. (HRP) has prepared this report detailing the results of the 2013 October semi-annual groundwater monitoring event conducted at the Lee County Landfill (the Site) located at 330 Landfill Road in Sanford, Lee County, North Carolina. This report has been prepared in accordance with North Carolina Regulation 15A NCAC 13B .0544, Solid Waste Permit #53-01 (**Appendix A**).

The Site is located approximately eight (8) miles south of Sanford, North Carolina (**Figure 1**) and comprises a total of 255 acres. Adjacent properties to the landfill are sparsely populated and primarily used for agricultural purposes or undeveloped land. The majority of the area within one-quarter mile of the Site is comprised of undeveloped woods. The topography on site generally slopes to the south at elevations ranging from 415 to 350 feet above mean sea level. Mare Branch passes through the southern portion of the Site.

The aquifer underlying the disposal unit is monitored via a groundwater well network that is strategically positioned to evaluate the potential impact of the landfill's contents on the groundwater quality. The groundwater well network consists of ten (10) monitoring locations, six (6) of which are sampled semi-annually.

2.0 METHODS AND PROCEDURES

Sampling locations, methods, laboratory analyses, and hydrogeological analyses are discussed below.

2.1 GROUNDWATER MONITORING

Semi-annual groundwater monitoring included the recording of depth-to-water measurements within all ten (10) monitoring wells, and the collection of samples from six (6) on-site wells. Groundwater quality parameters were measured at discrete intervals during the well purging process until each stabilized. The wells were purged and sampled using low flow methodology (peristaltic pump). HRP personnel collected, preserved, and shipped all groundwater samples in general accordance with 15A NCAC 13B .0544.

2.2 LABORATORY AND FIELD ANALYTICAL METHODS

Water quality data for the Site is comprised of a combination of laboratory analyses, field analyses, and direct reading field instruments. Laboratory and field analytical methods are discussed below.

2.2.1 Laboratory Analyses

HRP personnel submitted groundwater and surface water samples for the laboratory analysis of volatile organic compounds (VOCs) via EPA Method 8260 and metals via EPA Method 6010. Groundwater samples were submitted under chain of custody to Pace Laboratories, Inc. (a North Carolina certified Laboratory) of Charlotte, North Carolina for analysis. Analytical results are discussed in Section 4.0 of this report. Laboratory analytical reports, quality assurance/quality control data, and chain-of-custody records are included as **Appendix B**.

2.2.2 Field Measurements and Analyses

HRP personnel collected water quality data (i.e., pH, specific conductance, turbidity, and temperature) in the field at discrete intervals during purging and prior to sample collection using portable field instruments. Water quality meters were calibrated in the field before use in adherence to the manufacturer's instructions and in accordance with HRP's laboratory certification requirements (NC Laboratory Certification #5549).

2.2.3 Quality Control

All samples were collected in accordance with the United States Environmental Protection Agency's (EPA) Field Branches Quality System and Technical Procedures and the Revised Groundwater Detection Monitoring Plan. HRP maintains laboratory certification with the State of North Carolina for the analysis of field parameters. All field parameters were analyzed in accordance with the North Carolina

Bureau of Water Quality's requirements to ensure a representative sample is collected and accurate analytical values are reported.

Trip blanks, field blanks, and duplicate samples were collected to monitor for potential contamination resulting from the exposure of sampling equipment to materials not associated with the sample. A trip blank was submitted during the monitoring event and was maintained with all samples to verify contamination was not introduced to the sample set during storage or transportation. A field blank was collected to assess ambient field conditions. A sample duplicate was collected to ensure consistency within laboratory analysis methodology and technique.

A trip blank is a set of sample containers filled with clean, deionized water, which was provided by the analytical laboratory at the time the empty sample containers are shipped to HRP field technicians. The trip blank is placed in the cooler and is transported along with all sample containers collected as part of the investigation. This trip blank serves as a means of monitoring for the presence of cross-contamination potentially occurring during storage or transit of samples during the sampling process.

The field blank is a set of sample containers filled with clean, deionized water in the field where other samples are being collected. The field blank is then placed in the cooler and transported with all the samples collected during the investigation.

The sample duplicate is used to assure continuity between laboratory analyses and serves as a means of assuring data integrity. Generally, sample duplicates are considered within satisfactory standard deviations when compounds detected in the sample and sample duplicate are +/- 20 percent. The results of these quality control samples are discussed in Section 4.3.

3.0 HYDROGEOLOGY

Site groundwater resides within a shallow unconsolidated aquifer. The facility is underlain by the Middendorf Formation which is characterized by sand, sandstone, and mudstone.

Depth-to-water elevation was recorded within each well prior to purging in order to estimate groundwater flow direction and hydraulic gradient across the Site.

Groundwater flow direction at the Site was determined by contouring groundwater elevation data obtained during the semi-annual monitoring event. Flow direction is estimated to be normal to the elevation contours or equipotential lines. On October 10, 2013, depth to static water level was measured in Site monitoring wells using a decontaminated air/water interface probe (**Table 1**). Measurements were made to the nearest 0.01-foot from the surveyed top of casing. Groundwater elevation contours were drawn using the current measurements superimposed on the Site base map (**Figure 2**). Site groundwater flows south-southeast towards Mare Branch.

4.0 ANALYTICAL RESULTS

In accordance with 15A NCAC 13B .0544, samples for each semi-annual event were collected from MW-5, MW-6, MW-9, MW-10, MW-12, and MW-14. Analytical results were compared to the North Carolina Groundwater Quality Standards (NC 2Ls). These results are summarized in **Table 2**. In addition, one (1) surface water sample was collected from SW-2; these analytical results were compared to the North Carolina Surface Water Quality Standards (NCSWQSs). Analytical results are summarized in **Table 3**. The laboratory analytical report, quality assurance and quality control data, and chain of custody records for October 2013 are included in **Appendix B**. Field data sheets for October 2013 are included in **Appendix C**. Historical constituent data is presented in **Appendix D**.

4.1 GROUNDWATER

Groundwater concentrations observed were compared to the NC 2Ls. Of the six (6) wells sampled, only MW-12 comprised constituent concentrations above 2L standards. Benzene (4.8 µg/L) and barium (1460 µg/L) were reported above their respective regulatory limits in MW-12. Additional constituents were detected above reporting limits in multiple monitoring wells; albeit, at levels below regulatory criteria (**Table 2**).

4.2 SURFACE WATER

Surface water sample SW-2 was submitted for laboratory analysis in the same manner as the groundwater samples. Chloroethane, barium, cobalt, and nickel were detected above laboratory reporting limits; however, none of these detections were above their respective NCSWQSs.

4.3 EVALUATION OF QUALITY CONTROL SAMPLES

Three (3) quality control samples were utilized to assure the accuracy and integrity of samples collected during the October 2013 monitoring event. One (1) trip blank and field blank were collected and analyzed for VOCs. One (1) sample duplicate was collected at MW-12 and analyzed for the full series of parameters (VOCs and metals).

Constituents were not observed in the trip blank and field blank above the method reporting limit during the October 2013 sampling event. Monitoring well MW-12 was randomly selected in the field to be collected in duplicate and analyzed during the semi-annual monitoring event. Analytical results reported that MW-12 and MW-12-duplicate were within 20 percent during the semi-annual sampling event in 2013, and are considered within sufficient standard deviations.

5.0 CONCLUSIONS

HRP concludes the following based on the results of the 2013 semi-annual groundwater monitoring event:

- The October 10, 2013 potentiometric surface map indicates that groundwater is flowing to the south-southeast. This flow path suggests that constituents potentially leaching from the disposal unit would be detected by elevated concentrations within the current groundwater monitoring network. This network is adequately positioned to observe a release.

- The recent organic and inorganic data collected during October 2013 indicate that benzene and barium levels were above NC 2Ls within MW-12. Other constituents were detected in multiple monitoring wells on Site; albeit, at levels below NC 2Ls. The October 2013 data is consistent with concentrations reported during historical monitoring events.

- No constituents were detected above NCSWQSs at SW-2 during the October 2013 monitoring event.

- Groundwater organic and inorganic parameter data indicate operations conducted by the Lee County Landfill have not impacted the aquifer below the disposal unit.

- The current groundwater monitoring network is sufficient to evaluate Site conditions. If aquifer conditions change or Site use is altered, the need for additional groundwater monitoring wells will be evaluated at that time.

- The next semi-annual groundwater monitoring event is scheduled for April 2014. A Semi-annual Groundwater Monitoring Report will be submitted to the NCDENR within one hundred and twenty (120) days of sample collection per North Carolina Regulation 15A NCAC 13B .0544.

6.0 REFERENCES

NCDENR, January 1, 2007. Monitoring Plans and Requirements for C & D LF Facilities, Regulation 15A NCAC 13B .0544.

EPA – Safe Drinking Water Act, May 2009: U.S. EPA Drinking Water Contaminants: 40 Code of Federal Regulations Section 141 Subpart B.

FIGURES

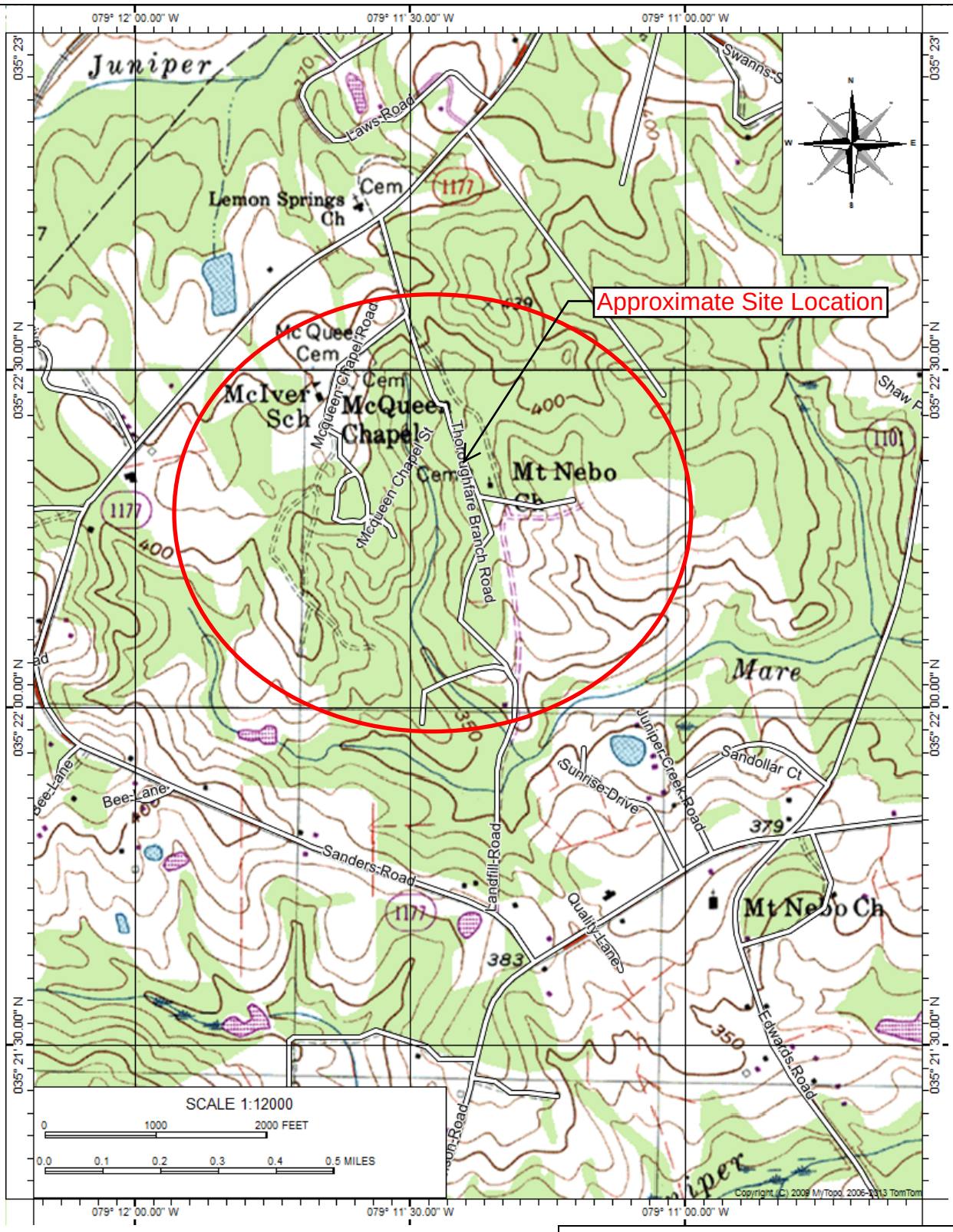

FIGURE 1
SITE LOCATION MAP
Lee County Landfill
331 Landfill Road
Sanford, NC
HRP #: LEE7000.GW

COMPILED: October 29, 2013

HRP Associates, Inc.

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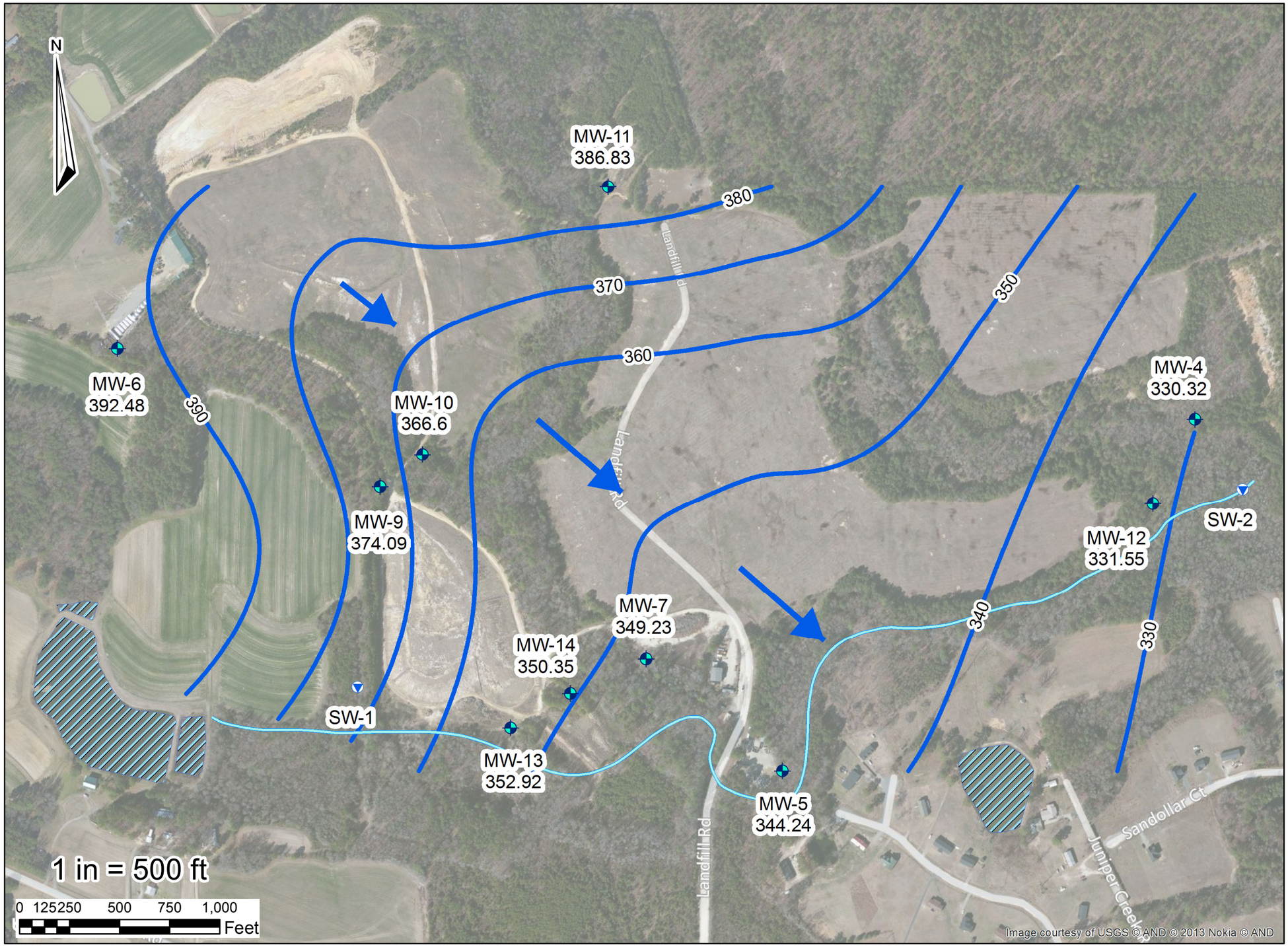

Legend

- Surface Water Sample
- Monitoring Wells
- Mare Branch Creek
- Groundwater Contours
- GW Flow Direction
- Pond

- Surface water sample and monitoring well locations are approximate and based on 2008 Site Layout Map.

Figure 2
Groundwater Elevation Map
October 2013
Lee County Landfill
Sanford, NC
HRP # LEE7000.GW

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TABLES

TABLE 1
Groundwater Elevations - October 2013
Lee County Landfill, (#53-01)
Sanford, NC

MONITORING LOCATION	DATE	MEASURING POINT ELEVATION[1] (feet AMSL)	DEPTH TO WATER (feet TOC)	WATER ELEVATION (feet AMSL)
MW-4	10/10/13	345.90	15.58	330.32
MW-5	10/10/13	351.10	6.86	344.24
MW-6	10/10/13	402.10	9.62	392.48
MW-7	10/10/13	360.30	11.07	349.23
MW-9	10/10/13	384.20	10.11	374.09
MW-10	10/10/13	377.00	10.40	366.6
MW-11	10/10/13	399.60	12.77	386.83
MW-12	10/10/13	337.40	5.85	331.55
MW-13	10/10/13	363.93	11.01	352.92
MW-14	10/10/13	358.61	8.26	350.35

NOTES:

[1] Measuring point elevations obtained from First Semi-Annual Groundwater Monitoring Report 2013, East Coast Environmental, P.A., May 9, 2013

AMSL - Above Mean Sea Level

TOC - Top of PVC Casing

TABLE 2
Groundwater Constituent Data - October 2013
Lee County Landfill (#53-01)
Sanford, NC

	Monitoring Location		MW-5	MW-6	MW-9	MW-10	MW-12	MW-12 DUP	MW-14	Field Blank	Trip Blank
	Date Sampled		10/10/13	10/10/13	10/10/13	10/10/13	10/10/13	10/10/13	10/10/13	10/10/13	10/10/13
	Constituent of Concern	**NCGWQS (µg/L)**	**µg/L**								
VOCs (ug/L)	Benzene	**1**	<1.0	<1.0	<1.0	<1.0	**4.8**	**4.6**	<1.0	<1.0	<1.0
	1,1-DCA	**6**	<1.0	<1.0	<1.0	<1.0	**4.2**	**4.2**	<1.0	<1.0	<1.0
	1,2-DCB	**20**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1,4-DCB	**6**	<1.0	<1.0	<1.0	<1.0	**4.8**	**5**	<1.0	<1.0	<1.0
	Chlorobenzene	**50**	<1.0	<1.0	<1.0	<1.0	**21.9**	**22**	<1.0	<1.0	<1.0
	Chloroethane	**3000**	<1.0	<1.0	<1.0	<1.0	**41.7**	**40.4**	<1.0	<1.0	<1.0
	Methylene chloride	**5**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	Naphthalene	**6**	<1.0	<1.0	<1.0	<1.0	**1.2**	**1.2**	<1.0	<1.0	<1.0
	Toluene	**600**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	Xylenes (total)	**500**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Metals (ug/L)	Arsenic	**10**	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	NA	NA
	Barium	**700**	**200**	**59.6**	**116**	**124**	**1460**	**1480**	**99.8**	NA	NA
	Beryllium	**NE**	**2.9**	**3.9**	<1.0	<1.0	<1.0	<1.0	**2.9**	NA	NA
	Cadmium	**2**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA
	Chromium	**10**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA
	Cobalt	**NE**	**12.5**	<5.0	<5.0	<5.0	**333**	**341**	**12.9**	NA	NA
	Lead	**15**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA
	Nickel	**100**	<5.0	<5.0	<5.0	<5.0	**30**	**32.2**	<5.0	NA	NA
	Selenium	**20**	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	NA	NA
	Silver	**20**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	NA
	Zinc	**1000**	<10.0	**11.1**	**14.8**	**10.8**	<10.0	<10.0	**13.1**	NA	NA

NOTES:

VOCs - volatile organic compounds

NCGWQS - North Carolina Groundwater Quality Standards - 15 NCAC Subchapter 2L Section .0202, April 1, 2013

NA - not analyzed

NE - not established

DCA - dichloroethane

DCB - dichlorobenzene

-Bold values represent detections, while shaded cell values exceed regulatory action levels.

TABLE 3
Surface Water Constituent Data - October 2013
Lee County Lanfill (#53-01)
Sanford, NC

	Monitoring Location		SW-2
	Date Sampled		10/10/13
	Constituent of Concern	NCSWQS (µg/l)	µg/L
VOCs (µg/L)	Benzene	51 [b]	<1.0
	1,1-DCA	NE	<1.0
	1,2-DCB	488 [c]	<1.0
	1,4-DCB	488 [c]	<1.0
	Chlorobenzene	488 [c]	<1.0
	Chloroethane	NE	**16.6**
	Methylene chloride	NE	<1.0
	Naphthalene	NE	<1.0
	Toluene	11 [a]	<1.0
	Xylenes (total)	NE	<2.0
Metals (µg/L)	Arsenic	10 [b]	<10.0
	Barium	1000 [c]	**184**
	Beryllium	6.5 [a]	<1.0
	Cadmium	2 [a]	<1.0
	Chromium	50 [a]	<5.0
	Cobalt	NE	**21.4**
	Lead	25 [a]	<5.0
	Nickel	25 [c]	**7.8**
	Selenium	5 [a]	<10.0
	Silver	0.06 [a]	<5.0
	Zinc	50 [a]	<10.0

NOTES:

VOCs - volatile organic compounds

NCSWQS - North Carolina Surface Water Quality Standards - 15 NCAC 02B .0100, .0200, & .0300, Surface Waters and Wetlands Standards, May 1, 2007.

[a] Numerical water quality standard to protect aquatic life applicable to all fresh surface waters (15A NCAC 02B 0.0211(3)(l).

[b] Numerical water quality standard to protect human health (consumption) applicable to all fresh surface waters (15A NCAC 02B 0.0208(2)(B).

[c] Numerical water qualitiy standard to protect water supply (15A NCAC 02B 0.0208

NE - not established

-Bold values represent detections, while shaded cell values exceed regulatory action levels.

APPENDIX A

LEE COUNTY SOLID WASTE PERMIT

PERMIT NUMBER: 53-01
ORIGINAL DATE ISSUED: 07/25/95
MODIFICATION #1(PTO): 03/15/02

STATE OF NORTH CAROLINA

DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

DIVISION OF WASTE MANAGEMENT - SOLID WASTE SECTION

1646 MAIL SERVICE CENTER; RALEIGH, N.C. 27699-1646

SOLID WASTE PERMIT

COUNTY OF LEE

is hereby issued a permit to operate

Stage 1, 2 & 3 (Five year phase from sta. 19+00 to 23+75) of a

Construction and Demolition Landfill Unit

located off of S.R. 1177 at the Lee County Landfill, near Lemon Springs, Lee County in accordance with Article 9, Chapter 130A, of the General Statutes of North Carolina and all rules promulgated thereunder and subject to the conditions set forth in this permit.

James C. Coffey

James C. Coffey
Acting Section Chief
Solid Waste Section
Division of Waste Management

PERMIT NUMBER: 53-01
ORIGINAL DATE ISSUED:07/25/95
MODIFICATION #1(PTO): 03/15/02

SOLID WASTE PERMIT

Permit to Operate
Lee County Landfill
Construction & Demolition Debris Landfill Unit (Stages 1, 2 & 3: sta. 19+00 to 23+75)

CONDITIONS OF PERMIT:

GENERAL

1. When this property is sold, leased, conveyed or transferred, the deed or other instrument of transfer shall contain in the description section in no smaller type than that used in the body of the deed or instrument, a statement that the property has been used as a sanitary landfill.

2. This permit will be subject to review every five years, on or before 15 March 2007, as per 15A NCAC 13B .0201(c) or sooner, according to the issuance date of this permit. Modifications to the facility may be required in accordance with rules in effect at the time of review.

3. The approved plan is described by Attachment 1, "List of Documents for Approved Plan". Where discrepancies may exist, the most recent submittal and the Conditions of Permit shall govern. Some components of the approved plan are reiterated in the Conditions of Permit.

4. This permit is not transferable.

5. The service area for the Lee County C&D landfill is Lee County. If Lee County wishes to expand this service area a new, updated resolution from the County Board of Commissioners will be required.

6. If during the operational life of the C&D unit it becomes apparent that the operations at the facility are impacting ground water adversely; the Solid Waste Section may require landfilling activities to cease, initiate groundwater remedial actions at the site or both.

CONSTRUCTION AND OPERATION

7. This permit is for the operation of the Lee County Landfill Construction and Demolition Unit, Stage 1, 2 & 3 [5 year phase per sheet X-1(sta. 19+00 to 23+75)

and sheet X-2 of 8 dated September 1993 and received by the Section on 26 April 1994). Also, this permit addresses the placement of structural fill within the footprint of Stage 1 from sta. 14+25 to sta. 17+00 (see sheet X-1 and as-built drawing dated 25 August 2000 titled Landfill Topo).

8. This solid waste management facility is permitted to receive the following waste types:

   a. Land-clearing debris as defined in G.S. 130A-290, specifically, solid waste which is generated solely from land-clearing activities, such as stumps, trees, etc.;
   b. Inert debris defined as solid waste which consists solely of material that is virtually inert, such as brick, concrete, rock and clean soil; and
   c. Asphalt in accordance with G.S. 130-294(m).
   d. Construction and demolition debris defined as solid waste resulting solely from construction, remodeling, repair or demolition operations on pavement, buildings, or other structures.
   e. C&D like waste that are similar to wastes typically found in the land clearing-inert debris and C&D waste streams consisting of wastes at this time: roofing shingle waste from the manufacturer, waste building materials from mobile home/modular home manufacturer and wooden pallets. Other wastes **MAY** be approved by the Division upon receipt of a written request with the specific waste type, how its generated, how much is generated; along with any additional information the Division may request to render a final decision on the disposal options for the waste.

   Yard trash as defined in G.S. 130A-290, shall not be disposed in the landfill area. However, yard trash, along with land-clearing debris, may be accepted for processing in the Yard Waste Composting Area.

9. All sedimentation/erosion control activities will be conducted in accordance with the Sedimentation Control Act codified at 15 NCAC 4. Native vegetation shall be established on the completed landfill.

10. The following requirements shall be met prior to operation of Stage 1 area from sta. 14+25 to sta. 17+00 per drawings X-1 and Landfill Topo dated 25 August 2000 at this facility:

    a. Site preparation of the Stage 1 area of shall be in accordance with the construction plan sheets X-1 and Landfill Topo dated 25 August 2000.
    b. Signs shall be posted at the facility in accordance with the Access and Safety Requirements under Operation Condition No. 5 listed below.

c. The existing groundwater monitoring system will be utilized for ground water monitoring for the C&D unit(s) in accordance with the original plans approved 25 July 1995 and the new monitoring wells installed and identified as MW-13 & MW-14.

d. Construction certification and documentation shall be submitted to the Solid Waste Section and approved by the Section prior to placing C&D waste in Stage 1 footprint from sta. 14+25 to sta. 17+00.

11. Operation of the C&D landfill units shall conform to the operating procedures described in the approved plan, in accordance with Section .0505 of the Solid Waste Management Rules, and in accordance with the following requirements:

a. The facility shall accept only those solid wastes which it is permitted to receive.

b. No municipal solid waste, hazardous waste, industrial waste, liquid waste or waste not characterized as LCID or C&D shall be accepted for disposal.

c. The permittee shall implement a program at the facility for detecting and preventing the disposal wastes listed in item "b" of this section. The program shall include, at a minimum:

(i) Random inspections of incoming loads or other comparable procedures:

(ii) Records of any inspections;

(iii) Training of personnel to recognize hazardous and liquid wastes;

(iv) Development of a contingency plan to properly manage any identified wastes listed in item "b" of this section; the plan must address identification, removal, storage, and final disposition of waste.

Cover Material Requirements

12. a. Operational soil cover of at least six inches shall be placed at least once per week or when the active area reaches ½ acre in size or more often as necessitated by the nature of the waste so as to prevent the site from becoming a visual nuisance and to prevent fire, windblown materials, vectors or water infiltration.

b. Areas which will not have additional waste placed on them for 12 months or more, but where final termination of operations has not occurred, shall be covered with a minimum of one foot of soil cover.

Access and Safety

13. a. The facility shall be adequately secured by means of gates, chains, berms, fences, or other security measures approved by the DWM to prevent unauthorized entry.

b. An attendant shall be on duty at the site at all times while it is open for public use to ensure compliance with operational requirements.
c. The access road to the site shall be of all-weather construction and maintained in good condition.
d. Dust control measures shall be implemented when necessary.
e. Signs providing information on dumping procedures, the hours of operation, the permit number, and other pertinent information shall be posted at the site entrance.
f. Signs shall be posted stating that no MSW, hazardous waste or liquid waste can be received.
g. Traffic signs or markers shall be provided as necessary to promote an orderly traffic pattern to and from the discharge area and to maintain efficient operating conditions.
h. The removal of solid waste from the facility is prohibited unless the owner/operator approves and the removal is not performed on the working face.
i. Barrels and drums shall not be disposed of unless they are empty and perforated sufficiently to ensure that no liquid or hazardous waste is contained therein, except fiber drums containing asbestos.
j. Open burning of solid waste is prohibited.
k. The concentration of explosive gases generated at the facility shall not exceed:
    i. twenty-five percent of the limit for gases in site structures (excluding gas control or recovery system components; and
    ii. the lower explosive limit for gases at the facility boundary.

Erosion and Sedimentation Control

14. a. Adequate sedimentation and erosion control measures shall be practiced to prevent silt from leaving the site.
    b. Adequate sedimentation and erosion control measures shall be practiced to prevent excessive on-site erosion.
    c. Provisions for a vegetative ground cover sufficient to restrain erosion must be accomplished within 30 working days or 120 calendar days upon completion of any phase of C&D landfill development.

Drainage Control and Water Protection Requirements

15. a. Surface water shall be diverted from the operational area.
    b. Surface water shall not be impounded over or in waste.
    c. A separation distance of at least four feet shall be maintained between waste and the ground-water table.
    d. Solid waste shall not be disposed of in water.

e. Leachate shall be contained on site or properly treated prior to discharge. An NPDES permit may be required prior to discharge of leachate to surface waters.

16. Ground water quality at this facility is subject to the classification and remedial action provisions referenced in Rule .0503(2)(d) of 15A NCAC 13B.

17. A closure and post-closure plan must be submitted for approval at least 90 days prior to closure or partial closure of any landfill unit. The plan must include all steps and measures necessary to close and maintain the facility in accordance with all rules in effect at that time. At a minimum, the plan shall address the following:

    a. Design of a final cover system; using the cap requirements outlined in Rule .0505 (3)(c) or cap requirements in effect at the time of closure;
    b. Construction and maintenance/operation of the final cover system and erosion control structures;
    c. Surface water, ground water, and explosive gas monitoring.

MONITORING AND REPORTING REQUIREMENTS

18. Ground-water monitoring wells and monitoring requirements for the C&D landfill units shall be in accordance with the monitoring system approved in the TRANSITION PLAN for the facility and these additional conditions:

    a. Monitoring well design and construction shall conform to the specifications outlined in Attachment 2, "North Carolina Water Quality Monitoring Guidance Document for Solid Waste Facilities".
    b. A geologist shall be in the field to supervise well installation, if necessary. The exact locations, screened intervals, and nesting of the wells shall be established after consultation with the SWS Hydrogeologist at the time of well installation for new monitoring wells.
    c. For each new monitoring well constructed, a well completion record shall be submitted to DWM within 30 days upon completion.
    d. Sampling equipment, procedures, and parameters shall conform to specifications outlined in the above-referenced guidance document, (Attachment 2), or the current guidelines established by DWM at the time of sampling and in accordance with the approved TRANSITION PLAN OR ASSESSMENT AND REMEDIAL PLAN.
    e. In order to determine ground-water flow directions and rates, each monitoring well shall be surveyed, and hydraulic conductivity values and effective porosity values shall be established for the screened intervals for each new monitoring well.
    f. The permittee shall sample the monitoring wells semi-annually or as directed by the SWS Hydrogeologist.

g. A readily accessible unobstructed path shall be initially cleared and maintained so that four-wheel drive vehicles may access the monitoring wells at all times.

19. The permittee shall maintain a record of all monitoring events and analytical data. Reports of the analytical data for each water quality monitoring sampling event shall be submitted to DWM in a timely manner.

20. The permittee shall maintain a record of the amount of solid waste received at the facility, compiled on a monthly basis. Scales shall be used to weigh the amount of waste received.

21. On or before 01 August 2002 (or an earlier date as requested by the Solid Waste Section), and each year thereafter, the permittee shall report the amount of waste received (in tons) at this facility and disposed of in the landfill to the Solid Waste Section and to all counties from which waste was accepted, on forms prescribed by the Section. This report shall include the following information:

    a. The reporting period shall be for the previous year, beginning 01 July and ending on 30 June;
    b. The amount of waste received and landfilled in tons, compiled on a monthly basis, according to Condition 6 described above; and
    c. Documentation that a copy of the report has been forwarded to all counties from which waste was accepted.

22. All records shall be maintained on-site and made available to the SWS upon request.

23. A certified operator shall be on duty while the C&D landfill is open in accordance with G.S. 130A-309.25 and consistent with Solid Waste Section memorandum dated 29 November 2000 which is incorporated as page 9 of this permit. All pertinent landfill operating personnel will receive training and supervision necessary to properly operate this landfill.

APPENDIX B

LABORATORY ANALYTICAL REPORTS AND CHAIN OF CUSTODY RECORDS

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
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Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

October 17, 2013

Shaun Malin
HRP Associates, Inc.
1327 Miller Road
Suite D
Greenville, SC 29607

RE: Project: Lee County Landfill
Pace Project No.: 92175704

Dear Shaun Malin:
Enclosed are the analytical results for sample(s) received by the laboratory on October 12, 2013. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Analyses were performed at the Pace Analytical Services location indicated on the sample analyte page for analysis unless otherwise footnoted.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jon D Bradley

jon.bradley@pacelabs.com
Project Manager

Enclosures

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CERTIFICATIONS

Project: Lee County Landfill
Pace Project No.: 92175704

Charlotte Certification IDs
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
West Virginia Certification #: 357
Virginia/VELAP Certification #: 460221

Asheville Certification IDs
2225 Riverside Dr., Asheville, NC 28804
Florida/NELAP Certification #: E87648
Massachusetts Certification #: M-NC030
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
West Virginia Certification #: 356
Virginia/VELAP Certification #: 460222

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SAMPLE ANALYTE COUNT

Project: Lee County Landfill
Pace Project No.: 92175704

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92175704001	**MW-5**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	62	PASI-C
92175704002	**MW-6**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	62	PASI-C
92175704003	**MW-9**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	62	PASI-C
92175704004	**MW-10**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	62	PASI-C
92175704005	**MW-12**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	62	PASI-C
92175704006	**MW-14**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	62	PASI-C
92175704007	**SW-2**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	62	PASI-C
92175704008	**Dup-1**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	62	PASI-C
92175704009	**Field Blank**	EPA 8260	MCK	62	PASI-C
92175704010	**Trip Blank**	EPA 8260	MCK	62	PASI-C

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SUMMARY OF DETECTION

Project: Lee County Landfill
Pace Project No.: 92175704

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92175704001	**MW-5**					
EPA 6010	Barium	200	ug/L	5.0	10/17/13 14:03	
EPA 6010	Beryllium	2.9	ug/L	1.0	10/17/13 14:03	
EPA 6010	Cobalt	12.5	ug/L	5.0	10/17/13 14:03	
92175704002	**MW-6**					
EPA 6010	Barium	59.6	ug/L	5.0	10/17/13 14:06	
EPA 6010	Beryllium	3.9	ug/L	1.0	10/17/13 14:06	
EPA 6010	Zinc	11.1	ug/L	10.0	10/17/13 14:06	
92175704003	**MW-9**					
EPA 6010	Barium	116	ug/L	5.0	10/17/13 14:09	
EPA 6010	Zinc	14.8	ug/L	10.0	10/17/13 14:09	
92175704004	**MW-10**					
EPA 6010	Barium	124	ug/L	5.0	10/17/13 14:21	
EPA 6010	Zinc	10.8	ug/L	10.0	10/17/13 14:21	
92175704005	**MW-12**					
EPA 6010	Barium	1460	ug/L	5.0	10/17/13 14:24	
EPA 6010	Cobalt	333	ug/L	5.0	10/17/13 14:24	
EPA 6010	Nickel	30.0	ug/L	5.0	10/17/13 14:24	
EPA 8260	Benzene	4.8	ug/L	1.0	10/15/13 17:19	
EPA 8260	Chlorobenzene	21.9	ug/L	1.0	10/15/13 17:19	
EPA 8260	Chloroethane	41.7	ug/L	1.0	10/15/13 17:19	
EPA 8260	1,4-Dichlorobenzene	4.8	ug/L	1.0	10/15/13 17:19	
EPA 8260	1,1-Dichloroethane	4.2	ug/L	1.0	10/15/13 17:19	
EPA 8260	Naphthalene	1.2	ug/L	1.0	10/15/13 17:19	
92175704006	**MW-14**					
EPA 6010	Barium	99.8	ug/L	5.0	10/17/13 14:28	
EPA 6010	Beryllium	2.9	ug/L	1.0	10/17/13 14:28	
EPA 6010	Cobalt	12.9	ug/L	5.0	10/17/13 14:28	
EPA 6010	Zinc	13.1	ug/L	10.0	10/17/13 14:28	
92175704007	**SW-2**					
EPA 6010	Barium	184	ug/L	5.0	10/17/13 14:31	
EPA 6010	Cobalt	21.4	ug/L	5.0	10/17/13 14:31	
EPA 6010	Nickel	7.8	ug/L	5.0	10/17/13 14:31	
EPA 8260	Chloroethane	16.6	ug/L	1.0	10/15/13 17:51	
92175704008	**Dup-1**					
EPA 6010	Barium	1480	ug/L	5.0	10/17/13 14:34	
EPA 6010	Cobalt	341	ug/L	5.0	10/17/13 14:34	
EPA 6010	Nickel	32.2	ug/L	5.0	10/17/13 14:34	
EPA 8260	Benzene	4.6	ug/L	1.0	10/15/13 18:07	
EPA 8260	Chlorobenzene	22.0	ug/L	1.0	10/15/13 18:07	
EPA 8260	Chloroethane	40.4	ug/L	1.0	10/15/13 18:07	
EPA 8260	1,4-Dichlorobenzene	5.0	ug/L	1.0	10/15/13 18:07	
EPA 8260	1,1-Dichloroethane	4.2	ug/L	1.0	10/15/13 18:07	
EPA 8260	Naphthalene	1.2	ug/L	1.0	10/15/13 18:07	

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PROJECT NARRATIVE

Project: Lee County Landfill
Pace Project No.: 92175704

Method: **EPA 6010**
Description: 6010 MET ICP
Client: HRP Associates, Inc.
Date: October 17, 2013

General Information:
8 samples were analyzed for EPA 6010. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Sample Preparation:
The samples were prepared in accordance with EPA 3010 with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: Lee County Landfill
Pace Project No.: 92175704

Method: **EPA 8260**
Description: 8260 MSV Low Level Landfill
Client: HRP Associates, Inc.
Date: October 17, 2013

General Information:
10 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: Lee County Landfill
Pace Project No.: 92175704

Sample: MW-5 **Lab ID: 92175704001** Collected: 10/10/13 14:52 Received: 10/12/13 09:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:03	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/16/13 12:10	10/17/13 14:03	7440-38-2	
Barium	**200**	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:03	7440-39-3	
Beryllium	**2.9**	ug/L	1.0	1	10/16/13 12:10	10/17/13 14:03	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/16/13 12:10	10/17/13 14:03	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:03	7440-47-3	
Cobalt	**12.5**	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:03	7440-48-4	
Copper	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:03	7440-50-8	
Lead	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:03	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:03	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/16/13 12:10	10/17/13 14:03	7782-49-2	
Silver	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:03	7440-22-4	
Thallium	ND	ug/L	10.0	1	10/16/13 12:10	10/17/13 14:03	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:03	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/16/13 12:10	10/17/13 14:03	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/15/13 16:14	67-64-1	
Benzene	ND	ug/L	1.0	1		10/15/13 16:14	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/15/13 16:14	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/15/13 16:14	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/15/13 16:14	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/15/13 16:14	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/15/13 16:14	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		10/15/13 16:14	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/15/13 16:14	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/15/13 16:14	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/15/13 16:14	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/15/13 16:14	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		10/15/13 16:14	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		10/15/13 16:14	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		10/15/13 16:14	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/15/13 16:14	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/15/13 16:14	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/15/13 16:14	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/15/13 16:14	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		10/15/13 16:14	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/15/13 16:14	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		10/15/13 16:14	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/15/13 16:14	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/15/13 16:14	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/15/13 16:14	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/15/13 16:14	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/15/13 16:14	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/15/13 16:14	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		10/15/13 16:14	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		10/15/13 16:14	594-20-7	

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ANALYTICAL RESULTS

Project: Lee County Landfill
Pace Project No.: 92175704

Sample: MW-5 **Lab ID: 92175704001** Collected: 10/10/13 14:52 Received: 10/12/13 09:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
1,1-Dichloropropene	ND	ug/L	1.0	1		10/15/13 16:14	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/15/13 16:14	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/15/13 16:14	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		10/15/13 16:14	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		10/15/13 16:14	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		10/15/13 16:14	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		10/15/13 16:14	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		10/15/13 16:14	99-87-6	
Methylene Chloride	ND	ug/L	1.0	1		10/15/13 16:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/15/13 16:14	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		10/15/13 16:14	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		10/15/13 16:14	91-20-3	
Styrene	ND	ug/L	1.0	1		10/15/13 16:14	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/15/13 16:14	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/15/13 16:14	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/15/13 16:14	127-18-4	
Toluene	ND	ug/L	1.0	1		10/15/13 16:14	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		10/15/13 16:14	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		10/15/13 16:14	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/15/13 16:14	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/15/13 16:14	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/15/13 16:14	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/15/13 16:14	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/15/13 16:14	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/15/13 16:14	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/15/13 16:14	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/15/13 16:14	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/15/13 16:14	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/15/13 16:14	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	100	%	70-130	1		10/15/13 16:14	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-130	1		10/15/13 16:14	17060-07-0	
Toluene-d8 (S)	96	%	70-130	1		10/15/13 16:14	2037-26-5	

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ANALYTICAL RESULTS

Project: Lee County Landfill
Pace Project No.: 92175704

Sample: MW-6 **Lab ID: 92175704002** Collected: 10/10/13 15:36 Received: 10/12/13 09:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:06	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/16/13 12:10	10/17/13 14:06	7440-38-2	
Barium	**59.6**	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:06	7440-39-3	
Beryllium	**3.9**	ug/L	1.0	1	10/16/13 12:10	10/17/13 14:06	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/16/13 12:10	10/17/13 14:06	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:06	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:06	7440-48-4	
Copper	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:06	7440-50-8	
Lead	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:06	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:06	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/16/13 12:10	10/17/13 14:06	7782-49-2	
Silver	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:06	7440-22-4	
Thallium	ND	ug/L	10.0	1	10/16/13 12:10	10/17/13 14:06	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:06	7440-62-2	
Zinc	**11.1**	ug/L	10.0	1	10/16/13 12:10	10/17/13 14:06	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/15/13 16:30	67-64-1	
Benzene	ND	ug/L	1.0	1		10/15/13 16:30	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/15/13 16:30	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/15/13 16:30	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/15/13 16:30	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/15/13 16:30	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/15/13 16:30	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		10/15/13 16:30	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/15/13 16:30	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/15/13 16:30	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/15/13 16:30	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/15/13 16:30	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		10/15/13 16:30	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		10/15/13 16:30	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		10/15/13 16:30	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/15/13 16:30	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/15/13 16:30	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/15/13 16:30	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/15/13 16:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		10/15/13 16:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/15/13 16:30	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		10/15/13 16:30	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/15/13 16:30	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/15/13 16:30	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/15/13 16:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/15/13 16:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/15/13 16:30	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/15/13 16:30	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		10/15/13 16:30	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		10/15/13 16:30	594-20-7	

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ANALYTICAL RESULTS

Project: Lee County Landfill
Pace Project No.: 92175704

Sample: MW-6 **Lab ID: 92175704002** Collected: 10/10/13 15:36 Received: 10/12/13 09:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
1,1-Dichloropropene	ND	ug/L	1.0	1		10/15/13 16:30	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/15/13 16:30	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/15/13 16:30	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		10/15/13 16:30	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		10/15/13 16:30	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		10/15/13 16:30	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		10/15/13 16:30	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		10/15/13 16:30	99-87-6	
Methylene Chloride	ND	ug/L	1.0	1		10/15/13 16:30	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/15/13 16:30	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		10/15/13 16:30	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		10/15/13 16:30	91-20-3	
Styrene	ND	ug/L	1.0	1		10/15/13 16:30	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/15/13 16:30	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/15/13 16:30	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/15/13 16:30	127-18-4	
Toluene	ND	ug/L	1.0	1		10/15/13 16:30	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		10/15/13 16:30	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		10/15/13 16:30	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/15/13 16:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/15/13 16:30	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/15/13 16:30	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/15/13 16:30	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/15/13 16:30	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/15/13 16:30	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/15/13 16:30	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/15/13 16:30	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/15/13 16:30	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/15/13 16:30	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	99	%	70-130	1		10/15/13 16:30	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-130	1		10/15/13 16:30	17060-07-0	
Toluene-d8 (S)	96	%	70-130	1		10/15/13 16:30	2037-26-5	

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ANALYTICAL RESULTS

Project: Lee County Landfill
Pace Project No.: 92175704

Sample: MW-9 **Lab ID: 92175704003** Collected: 10/10/13 13:41 Received: 10/12/13 09:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:09	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/16/13 12:10	10/17/13 14:09	7440-38-2	
Barium	**116**	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:09	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/16/13 12:10	10/17/13 14:09	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/16/13 12:10	10/17/13 14:09	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:09	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:09	7440-48-4	
Copper	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:09	7440-50-8	
Lead	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:09	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:09	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/16/13 12:10	10/17/13 14:09	7782-49-2	
Silver	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:09	7440-22-4	
Thallium	ND	ug/L	10.0	1	10/16/13 12:10	10/17/13 14:09	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:09	7440-62-2	
Zinc	**14.8**	ug/L	10.0	1	10/16/13 12:10	10/17/13 14:09	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/15/13 16:47	67-64-1	
Benzene	ND	ug/L	1.0	1		10/15/13 16:47	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/15/13 16:47	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/15/13 16:47	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/15/13 16:47	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/15/13 16:47	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/15/13 16:47	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		10/15/13 16:47	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/15/13 16:47	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/15/13 16:47	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/15/13 16:47	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/15/13 16:47	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		10/15/13 16:47	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		10/15/13 16:47	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		10/15/13 16:47	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/15/13 16:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/15/13 16:47	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/15/13 16:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/15/13 16:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		10/15/13 16:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/15/13 16:47	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		10/15/13 16:47	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/15/13 16:47	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/15/13 16:47	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/15/13 16:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/15/13 16:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/15/13 16:47	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/15/13 16:47	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		10/15/13 16:47	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		10/15/13 16:47	594-20-7	

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ANALYTICAL RESULTS

Project: Lee County Landfill
Pace Project No.: 92175704

Sample: MW-9 **Lab ID: 92175704003** Collected: 10/10/13 13:41 Received: 10/12/13 09:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
1,1-Dichloropropene	ND	ug/L	1.0	1		10/15/13 16:47	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/15/13 16:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/15/13 16:47	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		10/15/13 16:47	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		10/15/13 16:47	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		10/15/13 16:47	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		10/15/13 16:47	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		10/15/13 16:47	99-87-6	
Methylene Chloride	ND	ug/L	1.0	1		10/15/13 16:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/15/13 16:47	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		10/15/13 16:47	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		10/15/13 16:47	91-20-3	
Styrene	ND	ug/L	1.0	1		10/15/13 16:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/15/13 16:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/15/13 16:47	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/15/13 16:47	127-18-4	
Toluene	ND	ug/L	1.0	1		10/15/13 16:47	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		10/15/13 16:47	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		10/15/13 16:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/15/13 16:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/15/13 16:47	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/15/13 16:47	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/15/13 16:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/15/13 16:47	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/15/13 16:47	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/15/13 16:47	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/15/13 16:47	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/15/13 16:47	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/15/13 16:47	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	98	%	70-130	1		10/15/13 16:47	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-130	1		10/15/13 16:47	17060-07-0	
Toluene-d8 (S)	95	%	70-130	1		10/15/13 16:47	2037-26-5	

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ANALYTICAL RESULTS

Project: Lee County Landfill
Pace Project No.: 92175704

Sample: MW-10 **Lab ID: 92175704004** Collected: 10/10/13 14:46 Received: 10/12/13 09:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:21	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/16/13 12:10	10/17/13 14:21	7440-38-2	
Barium	**124**	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:21	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/16/13 12:10	10/17/13 14:21	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/16/13 12:10	10/17/13 14:21	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:21	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:21	7440-48-4	
Copper	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:21	7440-50-8	
Lead	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:21	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:21	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/16/13 12:10	10/17/13 14:21	7782-49-2	
Silver	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:21	7440-22-4	
Thallium	ND	ug/L	10.0	1	10/16/13 12:10	10/17/13 14:21	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:21	7440-62-2	
Zinc	**10.8**	ug/L	10.0	1	10/16/13 12:10	10/17/13 14:21	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/15/13 17:03	67-64-1	
Benzene	ND	ug/L	1.0	1		10/15/13 17:03	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/15/13 17:03	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/15/13 17:03	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/15/13 17:03	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/15/13 17:03	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/15/13 17:03	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		10/15/13 17:03	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/15/13 17:03	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/15/13 17:03	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/15/13 17:03	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/15/13 17:03	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		10/15/13 17:03	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		10/15/13 17:03	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		10/15/13 17:03	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/15/13 17:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/15/13 17:03	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/15/13 17:03	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/15/13 17:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		10/15/13 17:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/15/13 17:03	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		10/15/13 17:03	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/15/13 17:03	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/15/13 17:03	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/15/13 17:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/15/13 17:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/15/13 17:03	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/15/13 17:03	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		10/15/13 17:03	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		10/15/13 17:03	594-20-7	

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ANALYTICAL RESULTS

Project: Lee County Landfill
Pace Project No.: 92175704

Sample: MW-10 **Lab ID: 92175704004** Collected: 10/10/13 14:46 Received: 10/12/13 09:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
1,1-Dichloropropene	ND	ug/L	1.0	1		10/15/13 17:03	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/15/13 17:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/15/13 17:03	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		10/15/13 17:03	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		10/15/13 17:03	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		10/15/13 17:03	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		10/15/13 17:03	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		10/15/13 17:03	99-87-6	
Methylene Chloride	ND	ug/L	1.0	1		10/15/13 17:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/15/13 17:03	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		10/15/13 17:03	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		10/15/13 17:03	91-20-3	
Styrene	ND	ug/L	1.0	1		10/15/13 17:03	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/15/13 17:03	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/15/13 17:03	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/15/13 17:03	127-18-4	
Toluene	ND	ug/L	1.0	1		10/15/13 17:03	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		10/15/13 17:03	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		10/15/13 17:03	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/15/13 17:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/15/13 17:03	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/15/13 17:03	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/15/13 17:03	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/15/13 17:03	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/15/13 17:03	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/15/13 17:03	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/15/13 17:03	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/15/13 17:03	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/15/13 17:03	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	99	%	70-130	1		10/15/13 17:03	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-130	1		10/15/13 17:03	17060-07-0	
Toluene-d8 (S)	95	%	70-130	1		10/15/13 17:03	2037-26-5	

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ANALYTICAL RESULTS

Project: Lee County Landfill
Pace Project No.: 92175704

Sample: MW-12 **Lab ID: 92175704005** Collected: 10/10/13 16:22 Received: 10/12/13 09:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:24	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/16/13 12:10	10/17/13 14:24	7440-38-2	
Barium	**1460**	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:24	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/16/13 12:10	10/17/13 14:24	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/16/13 12:10	10/17/13 14:24	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:24	7440-47-3	
Cobalt	**333**	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:24	7440-48-4	
Copper	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:24	7440-50-8	
Lead	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:24	7439-92-1	
Nickel	**30.0**	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:24	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/16/13 12:10	10/17/13 14:24	7782-49-2	
Silver	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:24	7440-22-4	
Thallium	ND	ug/L	10.0	1	10/16/13 12:10	10/17/13 14:24	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:24	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/16/13 12:10	10/17/13 14:24	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/15/13 17:19	67-64-1	
Benzene	**4.8**	ug/L	1.0	1		10/15/13 17:19	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/15/13 17:19	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/15/13 17:19	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/15/13 17:19	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/15/13 17:19	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/15/13 17:19	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		10/15/13 17:19	56-23-5	
Chlorobenzene	**21.9**	ug/L	1.0	1		10/15/13 17:19	108-90-7	
Chloroethane	**41.7**	ug/L	1.0	1		10/15/13 17:19	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/15/13 17:19	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/15/13 17:19	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		10/15/13 17:19	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		10/15/13 17:19	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		10/15/13 17:19	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/15/13 17:19	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/15/13 17:19	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/15/13 17:19	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/15/13 17:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		10/15/13 17:19	541-73-1	
1,4-Dichlorobenzene	**4.8**	ug/L	1.0	1		10/15/13 17:19	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		10/15/13 17:19	75-71-8	
1,1-Dichloroethane	**4.2**	ug/L	1.0	1		10/15/13 17:19	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/15/13 17:19	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/15/13 17:19	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/15/13 17:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/15/13 17:19	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/15/13 17:19	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		10/15/13 17:19	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		10/15/13 17:19	594-20-7	

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ANALYTICAL RESULTS

Project: Lee County Landfill
Pace Project No.: 92175704

Sample: MW-12 **Lab ID: 92175704005** Collected: 10/10/13 16:22 Received: 10/12/13 09:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
1,1-Dichloropropene	ND	ug/L	1.0	1		10/15/13 17:19	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/15/13 17:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/15/13 17:19	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		10/15/13 17:19	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		10/15/13 17:19	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		10/15/13 17:19	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		10/15/13 17:19	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		10/15/13 17:19	99-87-6	
Methylene Chloride	ND	ug/L	1.0	1		10/15/13 17:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/15/13 17:19	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		10/15/13 17:19	1634-04-4	
Naphthalene	**1.2**	ug/L	1.0	1		10/15/13 17:19	91-20-3	
Styrene	ND	ug/L	1.0	1		10/15/13 17:19	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/15/13 17:19	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/15/13 17:19	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/15/13 17:19	127-18-4	
Toluene	ND	ug/L	1.0	1		10/15/13 17:19	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		10/15/13 17:19	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		10/15/13 17:19	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/15/13 17:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/15/13 17:19	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/15/13 17:19	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/15/13 17:19	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/15/13 17:19	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/15/13 17:19	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/15/13 17:19	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/15/13 17:19	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/15/13 17:19	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/15/13 17:19	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	99	%	70-130	1		10/15/13 17:19	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	70-130	1		10/15/13 17:19	17060-07-0	
Toluene-d8 (S)	96	%	70-130	1		10/15/13 17:19	2037-26-5	

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ANALYTICAL RESULTS

Project: Lee County Landfill
Pace Project No.: 92175704

Sample: MW-14 **Lab ID: 92175704006** Collected: 10/10/13 13:58 Received: 10/12/13 09:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:28	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/16/13 12:10	10/17/13 14:28	7440-38-2	
Barium	**99.8**	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:28	7440-39-3	
Beryllium	**2.9**	ug/L	1.0	1	10/16/13 12:10	10/17/13 14:28	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/16/13 12:10	10/17/13 14:28	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:28	7440-47-3	
Cobalt	**12.9**	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:28	7440-48-4	
Copper	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:28	7440-50-8	
Lead	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:28	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:28	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/16/13 12:10	10/17/13 14:28	7782-49-2	
Silver	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:28	7440-22-4	
Thallium	ND	ug/L	10.0	1	10/16/13 12:10	10/17/13 14:28	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:28	7440-62-2	
Zinc	**13.1**	ug/L	10.0	1	10/16/13 12:10	10/17/13 14:28	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/15/13 17:35	67-64-1	
Benzene	ND	ug/L	1.0	1		10/15/13 17:35	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/15/13 17:35	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/15/13 17:35	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/15/13 17:35	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/15/13 17:35	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/15/13 17:35	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		10/15/13 17:35	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/15/13 17:35	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/15/13 17:35	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/15/13 17:35	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/15/13 17:35	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		10/15/13 17:35	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		10/15/13 17:35	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		10/15/13 17:35	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/15/13 17:35	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/15/13 17:35	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/15/13 17:35	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/15/13 17:35	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		10/15/13 17:35	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/15/13 17:35	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		10/15/13 17:35	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/15/13 17:35	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/15/13 17:35	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/15/13 17:35	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/15/13 17:35	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/15/13 17:35	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/15/13 17:35	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		10/15/13 17:35	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		10/15/13 17:35	594-20-7	

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ANALYTICAL RESULTS

Project: Lee County Landfill
Pace Project No.: 92175704

Sample: MW-14 **Lab ID: 92175704006** Collected: 10/10/13 13:58 Received: 10/12/13 09:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
1,1-Dichloropropene	ND	ug/L	1.0	1		10/15/13 17:35	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/15/13 17:35	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/15/13 17:35	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		10/15/13 17:35	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		10/15/13 17:35	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		10/15/13 17:35	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		10/15/13 17:35	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		10/15/13 17:35	99-87-6	
Methylene Chloride	ND	ug/L	1.0	1		10/15/13 17:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/15/13 17:35	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		10/15/13 17:35	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		10/15/13 17:35	91-20-3	
Styrene	ND	ug/L	1.0	1		10/15/13 17:35	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/15/13 17:35	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/15/13 17:35	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/15/13 17:35	127-18-4	
Toluene	ND	ug/L	1.0	1		10/15/13 17:35	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		10/15/13 17:35	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		10/15/13 17:35	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/15/13 17:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/15/13 17:35	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/15/13 17:35	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/15/13 17:35	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/15/13 17:35	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/15/13 17:35	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/15/13 17:35	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/15/13 17:35	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/15/13 17:35	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/15/13 17:35	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	99	%	70-130	1		10/15/13 17:35	460-00-4	
1,2-Dichloroethane-d4 (S)	92	%	70-130	1		10/15/13 17:35	17060-07-0	
Toluene-d8 (S)	96	%	70-130	1		10/15/13 17:35	2037-26-5	

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ANALYTICAL RESULTS

Project: Lee County Landfill
Pace Project No.: 92175704

Sample: SW-2 **Lab ID: 92175704007** Collected: 10/10/13 16:43 Received: 10/12/13 09:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:31	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/16/13 12:10	10/17/13 14:31	7440-38-2	
Barium	**184**	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:31	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/16/13 12:10	10/17/13 14:31	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/16/13 12:10	10/17/13 14:31	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:31	7440-47-3	
Cobalt	**21.4**	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:31	7440-48-4	
Copper	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:31	7440-50-8	
Lead	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:31	7439-92-1	
Nickel	**7.8**	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:31	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/16/13 12:10	10/17/13 14:31	7782-49-2	
Silver	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:31	7440-22-4	
Thallium	ND	ug/L	10.0	1	10/16/13 12:10	10/17/13 14:31	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:31	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/16/13 12:10	10/17/13 14:31	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/15/13 17:51	67-64-1	
Benzene	ND	ug/L	1.0	1		10/15/13 17:51	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/15/13 17:51	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/15/13 17:51	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/15/13 17:51	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/15/13 17:51	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/15/13 17:51	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		10/15/13 17:51	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/15/13 17:51	108-90-7	
Chloroethane	**16.6**	ug/L	1.0	1		10/15/13 17:51	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/15/13 17:51	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/15/13 17:51	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		10/15/13 17:51	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		10/15/13 17:51	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		10/15/13 17:51	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/15/13 17:51	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/15/13 17:51	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/15/13 17:51	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/15/13 17:51	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		10/15/13 17:51	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/15/13 17:51	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		10/15/13 17:51	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/15/13 17:51	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/15/13 17:51	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/15/13 17:51	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/15/13 17:51	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/15/13 17:51	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/15/13 17:51	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		10/15/13 17:51	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		10/15/13 17:51	594-20-7	

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ANALYTICAL RESULTS

Project: Lee County Landfill
Pace Project No.: 92175704

Sample: SW-2 **Lab ID: 92175704007** Collected: 10/10/13 16:43 Received: 10/12/13 09:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
1,1-Dichloropropene	ND	ug/L	1.0	1		10/15/13 17:51	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/15/13 17:51	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/15/13 17:51	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		10/15/13 17:51	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		10/15/13 17:51	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		10/15/13 17:51	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		10/15/13 17:51	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		10/15/13 17:51	99-87-6	
Methylene Chloride	ND	ug/L	1.0	1		10/15/13 17:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/15/13 17:51	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		10/15/13 17:51	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		10/15/13 17:51	91-20-3	
Styrene	ND	ug/L	1.0	1		10/15/13 17:51	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/15/13 17:51	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/15/13 17:51	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/15/13 17:51	127-18-4	
Toluene	ND	ug/L	1.0	1		10/15/13 17:51	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		10/15/13 17:51	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		10/15/13 17:51	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/15/13 17:51	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/15/13 17:51	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/15/13 17:51	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/15/13 17:51	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/15/13 17:51	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/15/13 17:51	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/15/13 17:51	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/15/13 17:51	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/15/13 17:51	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/15/13 17:51	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	99	%	70-130	1		10/15/13 17:51	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-130	1		10/15/13 17:51	17060-07-0	
Toluene-d8 (S)	95	%	70-130	1		10/15/13 17:51	2037-26-5	

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ANALYTICAL RESULTS

Project: Lee County Landfill
Pace Project No.: 92175704

Sample: Dup-1 **Lab ID: 92175704008** Collected: 10/10/13 00:00 Received: 10/12/13 09:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:34	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/16/13 12:10	10/17/13 14:34	7440-38-2	
Barium	**1480**	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:34	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/16/13 12:10	10/17/13 14:34	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/16/13 12:10	10/17/13 14:34	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:34	7440-47-3	
Cobalt	**341**	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:34	7440-48-4	
Copper	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:34	7440-50-8	
Lead	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:34	7439-92-1	
Nickel	**32.2**	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:34	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/16/13 12:10	10/17/13 14:34	7782-49-2	
Silver	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:34	7440-22-4	
Thallium	ND	ug/L	10.0	1	10/16/13 12:10	10/17/13 14:34	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/16/13 12:10	10/17/13 14:34	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/16/13 12:10	10/17/13 14:34	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/15/13 18:07	67-64-1	
Benzene	**4.6**	ug/L	1.0	1		10/15/13 18:07	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/15/13 18:07	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/15/13 18:07	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/15/13 18:07	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/15/13 18:07	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/15/13 18:07	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		10/15/13 18:07	56-23-5	
Chlorobenzene	**22.0**	ug/L	1.0	1		10/15/13 18:07	108-90-7	
Chloroethane	**40.4**	ug/L	1.0	1		10/15/13 18:07	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/15/13 18:07	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/15/13 18:07	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		10/15/13 18:07	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		10/15/13 18:07	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		10/15/13 18:07	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/15/13 18:07	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/15/13 18:07	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/15/13 18:07	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/15/13 18:07	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		10/15/13 18:07	541-73-1	
1,4-Dichlorobenzene	**5.0**	ug/L	1.0	1		10/15/13 18:07	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		10/15/13 18:07	75-71-8	
1,1-Dichloroethane	**4.2**	ug/L	1.0	1		10/15/13 18:07	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/15/13 18:07	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/15/13 18:07	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/15/13 18:07	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/15/13 18:07	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/15/13 18:07	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		10/15/13 18:07	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		10/15/13 18:07	594-20-7	

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ANALYTICAL RESULTS

Project: Lee County Landfill
Pace Project No.: 92175704

Sample: Dup-1 **Lab ID: 92175704008** Collected: 10/10/13 00:00 Received: 10/12/13 09:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
1,1-Dichloropropene	ND	ug/L	1.0	1		10/15/13 18:07	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/15/13 18:07	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/15/13 18:07	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		10/15/13 18:07	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		10/15/13 18:07	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		10/15/13 18:07	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		10/15/13 18:07	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		10/15/13 18:07	99-87-6	
Methylene Chloride	ND	ug/L	1.0	1		10/15/13 18:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/15/13 18:07	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		10/15/13 18:07	1634-04-4	
Naphthalene	**1.2**	ug/L	1.0	1		10/15/13 18:07	91-20-3	
Styrene	ND	ug/L	1.0	1		10/15/13 18:07	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/15/13 18:07	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/15/13 18:07	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/15/13 18:07	127-18-4	
Toluene	ND	ug/L	1.0	1		10/15/13 18:07	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		10/15/13 18:07	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		10/15/13 18:07	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/15/13 18:07	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/15/13 18:07	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/15/13 18:07	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/15/13 18:07	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/15/13 18:07	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/15/13 18:07	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/15/13 18:07	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/15/13 18:07	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/15/13 18:07	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/15/13 18:07	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	100	%	70-130	1		10/15/13 18:07	460-00-4	
1,2-Dichloroethane-d4 (S)	92	%	70-130	1		10/15/13 18:07	17060-07-0	
Toluene-d8 (S)	95	%	70-130	1		10/15/13 18:07	2037-26-5	

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ANALYTICAL RESULTS

Project: Lee County Landfill
Pace Project No.: 92175704

Sample: Field Blank **Lab ID: 92175704009** Collected: 10/10/13 17:05 Received: 10/12/13 09:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/15/13 18:23	67-64-1	
Benzene	ND	ug/L	1.0	1		10/15/13 18:23	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/15/13 18:23	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/15/13 18:23	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/15/13 18:23	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/15/13 18:23	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/15/13 18:23	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		10/15/13 18:23	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/15/13 18:23	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/15/13 18:23	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/15/13 18:23	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/15/13 18:23	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		10/15/13 18:23	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		10/15/13 18:23	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		10/15/13 18:23	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/15/13 18:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/15/13 18:23	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/15/13 18:23	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/15/13 18:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		10/15/13 18:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/15/13 18:23	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		10/15/13 18:23	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/15/13 18:23	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/15/13 18:23	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/15/13 18:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/15/13 18:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/15/13 18:23	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/15/13 18:23	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		10/15/13 18:23	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		10/15/13 18:23	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		10/15/13 18:23	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/15/13 18:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/15/13 18:23	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		10/15/13 18:23	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		10/15/13 18:23	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		10/15/13 18:23	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		10/15/13 18:23	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		10/15/13 18:23	99-87-6	
Methylene Chloride	ND	ug/L	1.0	1		10/15/13 18:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/15/13 18:23	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		10/15/13 18:23	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		10/15/13 18:23	91-20-3	
Styrene	ND	ug/L	1.0	1		10/15/13 18:23	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/15/13 18:23	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/15/13 18:23	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/15/13 18:23	127-18-4	
Toluene	ND	ug/L	1.0	1		10/15/13 18:23	108-88-3	

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ANALYTICAL RESULTS

Project: Lee County Landfill
Pace Project No.: 92175704

Sample: Field Blank **Lab ID: 92175704009** Collected: 10/10/13 17:05 Received: 10/12/13 09:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		10/15/13 18:23	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		10/15/13 18:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/15/13 18:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/15/13 18:23	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/15/13 18:23	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/15/13 18:23	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/15/13 18:23	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/15/13 18:23	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/15/13 18:23	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/15/13 18:23	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/15/13 18:23	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/15/13 18:23	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	99	%	70-130	1		10/15/13 18:23	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-130	1		10/15/13 18:23	17060-07-0	
Toluene-d8 (S)	96	%	70-130	1		10/15/13 18:23	2037-26-5	

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ANALYTICAL RESULTS

Project: Lee County Landfill
Pace Project No.: 92175704

Sample: Trip Blank **Lab ID: 92175704010** Collected: 10/10/13 00:00 Received: 10/12/13 09:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/15/13 18:39	67-64-1	
Benzene	ND	ug/L	1.0	1		10/15/13 18:39	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/15/13 18:39	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/15/13 18:39	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/15/13 18:39	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/15/13 18:39	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/15/13 18:39	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		10/15/13 18:39	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/15/13 18:39	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/15/13 18:39	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/15/13 18:39	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/15/13 18:39	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		10/15/13 18:39	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		10/15/13 18:39	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		10/15/13 18:39	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/15/13 18:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/15/13 18:39	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/15/13 18:39	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/15/13 18:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		10/15/13 18:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/15/13 18:39	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	1		10/15/13 18:39	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/15/13 18:39	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/15/13 18:39	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/15/13 18:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/15/13 18:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/15/13 18:39	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/15/13 18:39	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		10/15/13 18:39	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		10/15/13 18:39	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		10/15/13 18:39	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/15/13 18:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/15/13 18:39	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	1		10/15/13 18:39	108-20-3	
Ethylbenzene	ND	ug/L	1.0	1		10/15/13 18:39	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		10/15/13 18:39	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		10/15/13 18:39	591-78-6	
p-Isopropyltoluene	ND	ug/L	1.0	1		10/15/13 18:39	99-87-6	
Methylene Chloride	ND	ug/L	1.0	1		10/15/13 18:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/15/13 18:39	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		10/15/13 18:39	1634-04-4	
Naphthalene	ND	ug/L	1.0	1		10/15/13 18:39	91-20-3	
Styrene	ND	ug/L	1.0	1		10/15/13 18:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/15/13 18:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/15/13 18:39	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/15/13 18:39	127-18-4	
Toluene	ND	ug/L	1.0	1		10/15/13 18:39	108-88-3	

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ANALYTICAL RESULTS

Project: Lee County Landfill
Pace Project No.: 92175704

Sample: Trip Blank **Lab ID: 92175704010** Collected: 10/10/13 00:00 Received: 10/12/13 09:15 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		10/15/13 18:39	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		10/15/13 18:39	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/15/13 18:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/15/13 18:39	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/15/13 18:39	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/15/13 18:39	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/15/13 18:39	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/15/13 18:39	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/15/13 18:39	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/15/13 18:39	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/15/13 18:39	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/15/13 18:39	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	100	%	70-130	1		10/15/13 18:39	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	70-130	1		10/15/13 18:39	17060-07-0	
Toluene-d8 (S)	96	%	70-130	1		10/15/13 18:39	2037-26-5	

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QUALITY CONTROL DATA

Project: Lee County Landfill
Pace Project No.: 92175704

QC Batch: MPRP/14443 | Analysis Method: EPA 6010
QC Batch Method: EPA 3010 | Analysis Description: 6010 MET
Associated Lab Samples: 92175704001, 92175704002, 92175704003, 92175704004, 92175704005, 92175704006, 92175704007, 92175704008

METHOD BLANK: 1066621 | Matrix: Water
Associated Lab Samples: 92175704001, 92175704002, 92175704003, 92175704004, 92175704005, 92175704006, 92175704007, 92175704008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	ND	5.0	10/17/13 13:02	
Arsenic	ug/L	ND	10.0	10/17/13 13:02	
Barium	ug/L	ND	5.0	10/17/13 13:02	
Beryllium	ug/L	ND	1.0	10/17/13 13:02	
Cadmium	ug/L	ND	1.0	10/17/13 13:02	
Chromium	ug/L	ND	5.0	10/17/13 13:02	
Cobalt	ug/L	ND	5.0	10/17/13 13:02	
Copper	ug/L	ND	5.0	10/17/13 13:02	
Lead	ug/L	ND	5.0	10/17/13 13:02	
Nickel	ug/L	ND	5.0	10/17/13 13:02	
Selenium	ug/L	ND	10.0	10/17/13 13:02	
Silver	ug/L	ND	5.0	10/17/13 13:02	
Thallium	ug/L	ND	10.0	10/17/13 13:02	
Vanadium	ug/L	ND	5.0	10/17/13 13:02	
Zinc	ug/L	ND	10.0	10/17/13 13:02	

LABORATORY CONTROL SAMPLE: 1066622

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	500	504	101	80-120	
Arsenic	ug/L	500	498	100	80-120	
Barium	ug/L	500	516	103	80-120	
Beryllium	ug/L	500	500	100	80-120	
Cadmium	ug/L	500	501	100	80-120	
Chromium	ug/L	500	507	101	80-120	
Cobalt	ug/L	500	500	100	80-120	
Copper	ug/L	500	504	101	80-120	
Lead	ug/L	500	505	101	80-120	
Nickel	ug/L	500	506	101	80-120	
Selenium	ug/L	500	509	102	80-120	
Silver	ug/L	250	249	100	80-120	
Thallium	ug/L	500	488	98	80-120	
Vanadium	ug/L	500	502	100	80-120	
Zinc	ug/L	500	496	99	80-120	

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QUALITY CONTROL DATA

Project: Lee County Landfill
Pace Project No.: 92175704

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1066623 1066624

Parameter	Units	92175723002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Antimony	ug/L	ND	500	500	465	470	92	93	75-125	1	
Arsenic	ug/L	ND	500	500	505	508	100	101	75-125	1	
Barium	ug/L	0.74 mg/L	500	500	1260	1260	104	103	75-125	0	
Beryllium	ug/L	ND	500	500	484	490	97	98	75-125	1	
Cadmium	ug/L	0.011 mg/L	500	500	481	487	94	95	75-125	1	
Chromium	ug/L	0.030 mg/L	500	500	528	530	100	100	75-125	0	
Cobalt	ug/L	0.024 mg/L	500	500	507	515	97	98	75-125	2	
Copper	ug/L	0.034 mg/L	500	500	566	570	106	107	75-125	1	
Lead	ug/L	ND	500	500	439	447	87	88	75-125	2	
Nickel	ug/L	0.016 mg/L	500	500	505	509	98	99	75-125	1	
Selenium	ug/L	ND	500	500	506	509	100	101	75-125	1	
Silver	ug/L	ND	250	250	257	259	103	103	75-125	1	
Thallium	ug/L	ND	500	500	440	452	86	89	75-125	3	
Vanadium	ug/L	0.052 mg/L	500	500	558	563	101	102	75-125	1	
Zinc	ug/L	0.098 mg/L	500	500	614	613	103	103	75-125	0	

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QUALITY CONTROL DATA

Project: Lee County Landfill
Pace Project No.: 92175704

QC Batch: MSV/24553 — Analysis Method: EPA 8260
QC Batch Method: EPA 8260 — Analysis Description: 8260 MSV Low Level Landfill
Associated Lab Samples: 92175704001, 92175704002, 92175704003, 92175704004, 92175704005, 92175704006, 92175704007, 92175704008, 92175704009, 92175704010

METHOD BLANK: 1065914 — Matrix: Water
Associated Lab Samples: 92175704001, 92175704002, 92175704003, 92175704004, 92175704005, 92175704006, 92175704007, 92175704008, 92175704009, 92175704010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	10/15/13 15:58	
1,1,1-Trichloroethane	ug/L	ND	1.0	10/15/13 15:58	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	10/15/13 15:58	
1,1,2-Trichloroethane	ug/L	ND	1.0	10/15/13 15:58	
1,1-Dichloroethane	ug/L	ND	1.0	10/15/13 15:58	
1,1-Dichloroethene	ug/L	ND	1.0	10/15/13 15:58	
1,1-Dichloropropene	ug/L	ND	1.0	10/15/13 15:58	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	10/15/13 15:58	
1,2,3-Trichloropropane	ug/L	ND	1.0	10/15/13 15:58	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	10/15/13 15:58	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	10/15/13 15:58	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	10/15/13 15:58	
1,2-Dichlorobenzene	ug/L	ND	1.0	10/15/13 15:58	
1,2-Dichloroethane	ug/L	ND	1.0	10/15/13 15:58	
1,2-Dichloropropane	ug/L	ND	1.0	10/15/13 15:58	
1,3-Dichlorobenzene	ug/L	ND	1.0	10/15/13 15:58	
1,3-Dichloropropane	ug/L	ND	1.0	10/15/13 15:58	
1,4-Dichlorobenzene	ug/L	ND	1.0	10/15/13 15:58	
2,2-Dichloropropane	ug/L	ND	1.0	10/15/13 15:58	
2-Butanone (MEK)	ug/L	ND	5.0	10/15/13 15:58	
2-Chlorotoluene	ug/L	ND	1.0	10/15/13 15:58	
2-Hexanone	ug/L	ND	5.0	10/15/13 15:58	
4-Chlorotoluene	ug/L	ND	1.0	10/15/13 15:58	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	10/15/13 15:58	
Acetone	ug/L	ND	25.0	10/15/13 15:58	
Benzene	ug/L	ND	1.0	10/15/13 15:58	
Bromochloromethane	ug/L	ND	1.0	10/15/13 15:58	
Bromodichloromethane	ug/L	ND	1.0	10/15/13 15:58	
Bromoform	ug/L	ND	1.0	10/15/13 15:58	
Bromomethane	ug/L	ND	2.0	10/15/13 15:58	
Carbon tetrachloride	ug/L	ND	1.0	10/15/13 15:58	
Chlorobenzene	ug/L	ND	1.0	10/15/13 15:58	
Chloroethane	ug/L	ND	1.0	10/15/13 15:58	
Chloroform	ug/L	ND	1.0	10/15/13 15:58	
Chloromethane	ug/L	ND	1.0	10/15/13 15:58	
cis-1,2-Dichloroethene	ug/L	ND	1.0	10/15/13 15:58	
cis-1,3-Dichloropropene	ug/L	ND	1.0	10/15/13 15:58	
Dibromochloromethane	ug/L	ND	1.0	10/15/13 15:58	
Dibromomethane	ug/L	ND	1.0	10/15/13 15:58	
Dichlorodifluoromethane	ug/L	ND	1.0	10/15/13 15:58	
Diisopropyl ether	ug/L	ND	1.0	10/15/13 15:58	

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QUALITY CONTROL DATA

Project: Lee County Landfill
Pace Project No.: 92175704

METHOD BLANK: 1065914 Matrix: Water

Associated Lab Samples: 92175704001, 92175704002, 92175704003, 92175704004, 92175704005, 92175704006, 92175704007, 92175704008, 92175704009, 92175704010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	1.0	10/15/13 15:58	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	10/15/13 15:58	
m&p-Xylene	ug/L	ND	2.0	10/15/13 15:58	
Methyl-tert-butyl ether	ug/L	ND	1.0	10/15/13 15:58	
Methylene Chloride	ug/L	ND	1.0	10/15/13 15:58	
Naphthalene	ug/L	ND	1.0	10/15/13 15:58	
o-Xylene	ug/L	ND	1.0	10/15/13 15:58	
p-Isopropyltoluene	ug/L	ND	1.0	10/15/13 15:58	
Styrene	ug/L	ND	1.0	10/15/13 15:58	
Tetrachloroethene	ug/L	ND	1.0	10/15/13 15:58	
Toluene	ug/L	ND	1.0	10/15/13 15:58	
trans-1,2-Dichloroethene	ug/L	ND	1.0	10/15/13 15:58	
trans-1,3-Dichloropropene	ug/L	ND	1.0	10/15/13 15:58	
Trichloroethene	ug/L	ND	1.0	10/15/13 15:58	
Trichlorofluoromethane	ug/L	ND	1.0	10/15/13 15:58	
Vinyl acetate	ug/L	ND	2.0	10/15/13 15:58	
Vinyl chloride	ug/L	ND	1.0	10/15/13 15:58	
Xylene (Total)	ug/L	ND	2.0	10/15/13 15:58	
1,2-Dichloroethane-d4 (S)	%	92	70-130	10/15/13 15:58	
4-Bromofluorobenzene (S)	%	99	70-130	10/15/13 15:58	
Toluene-d8 (S)	%	95	70-130	10/15/13 15:58	

LABORATORY CONTROL SAMPLE: 1065915

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.3	103	70-130	
1,1,1-Trichloroethane	ug/L	50	46.4	93	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	53.8	108	70-130	
1,1,2-Trichloroethane	ug/L	50	52.9	106	70-130	
1,1-Dichloroethane	ug/L	50	48.2	96	70-130	
1,1-Dichloroethene	ug/L	50	50.8	102	70-132	
1,1-Dichloropropene	ug/L	50	53.6	107	70-130	
1,2,3-Trichlorobenzene	ug/L	50	57.0	114	70-135	
1,2,3-Trichloropropane	ug/L	50	57.0	114	70-130	
1,2,4-Trichlorobenzene	ug/L	50	56.7	113	70-134	
1,2-Dibromo-3-chloropropane	ug/L	50	55.7	111	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	55.2	110	70-130	
1,2-Dichlorobenzene	ug/L	50	56.6	113	70-130	
1,2-Dichloroethane	ug/L	50	46.5	93	70-130	
1,2-Dichloropropane	ug/L	50	57.4	115	70-130	
1,3-Dichlorobenzene	ug/L	50	54.5	109	70-130	
1,3-Dichloropropane	ug/L	50	57.6	115	70-130	
1,4-Dichlorobenzene	ug/L	50	53.3	107	70-130	
2,2-Dichloropropane	ug/L	50	51.0	102	58-145	

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QUALITY CONTROL DATA

Project: Lee County Landfill
Pace Project No.: 92175704

LABORATORY CONTROL SAMPLE: 1065915

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	124	124	70-145	
2-Chlorotoluene	ug/L	50	56.5	113	70-130	
2-Hexanone	ug/L	100	123	123	70-144	
4-Chlorotoluene	ug/L	50	55.2	110	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	116	116	70-140	
Acetone	ug/L	100	104	104	50-175	
Benzene	ug/L	50	52.1	104	70-130	
Bromochloromethane	ug/L	50	44.6	89	70-130	
Bromodichloromethane	ug/L	50	50.3	101	70-130	
Bromoform	ug/L	50	52.7	105	70-130	
Bromomethane	ug/L	50	33.9	68	54-130	
Carbon tetrachloride	ug/L	50	46.7	93	70-132	
Chlorobenzene	ug/L	50	52.0	104	70-130	
Chloroethane	ug/L	50	37.5	75	64-134	
Chloroform	ug/L	50	48.1	96	70-130	
Chloromethane	ug/L	50	48.6	97	64-130	
cis-1,2-Dichloroethene	ug/L	50	50.1	100	70-131	
cis-1,3-Dichloropropene	ug/L	50	56.8	114	70-130	
Dibromochloromethane	ug/L	50	51.7	103	70-130	
Dibromomethane	ug/L	50	51.5	103	70-131	
Dichlorodifluoromethane	ug/L	50	49.5	99	56-130	
Diisopropyl ether	ug/L	50	54.7	109	70-130	
Ethylbenzene	ug/L	50	51.0	102	70-130	
Hexachloro-1,3-butadiene	ug/L	50	51.8	104	70-130	
m&p-Xylene	ug/L	100	106	106	70-130	
Methyl-tert-butyl ether	ug/L	50	52.1	104	70-130	
Methylene Chloride	ug/L	50	51.3	103	63-130	
Naphthalene	ug/L	50	58.2	116	70-138	
o-Xylene	ug/L	50	57.0	114	70-130	
p-Isopropyltoluene	ug/L	50	56.0	112	70-130	
Styrene	ug/L	50	55.1	110	70-130	
Tetrachloroethene	ug/L	50	55.0	110	70-130	
Toluene	ug/L	50	52.0	104	70-130	
trans-1,2-Dichloroethene	ug/L	50	50.1	100	70-130	
trans-1,3-Dichloropropene	ug/L	50	60.3	121	70-132	
Trichloroethene	ug/L	50	50.9	102	70-130	
Trichlorofluoromethane	ug/L	50	42.9	86	62-133	
Vinyl acetate	ug/L	100	121	121	66-157	
Vinyl chloride	ug/L	50	51.3	103	69-130	
Xylene (Total)	ug/L	150	163	109	70-130	
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			98	70-130	

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QUALITY CONTROL DATA

Project: Lee County Landfill
Pace Project No.: 92175704

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1066646 1066647

Parameter	Units	92175704006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1-Dichloroethene	ug/L	ND	50	50	51.6	50.4	103	101	70-166	2	
Benzene	ug/L	ND	50	50	57.2	55.9	114	112	70-148	2	
Chlorobenzene	ug/L	ND	50	50	53.8	52.2	108	104	70-146	3	
Toluene	ug/L	ND	50	50	52.2	51.0	104	102	70-155	2	
Trichloroethene	ug/L	ND	50	50	57.7	57.2	115	114	69-151	1	
1,2-Dichloroethane-d4 (S)	%						95	92	70-130		
4-Bromofluorobenzene (S)	%						99	99	70-130		
Toluene-d8 (S)	%						98	99	70-130		

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QUALIFIERS

Project: Lee County Landfill
Pace Project No.: 92175704

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Acid preservation may not be appropriate for 2-Chloroethylvinyl ether, Styrene, and Vinyl chloride.

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TNI - The NELAC Institute.

LABORATORIES

PASI-A	Pace Analytical Services - Asheville
PASI-C	Pace Analytical Services - Charlotte

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Lee County Landfill
Pace Project No.: 92175704

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92175704001	**MW-5**	EPA 3010	MPRP/14443	EPA 6010	ICP/13129
92175704002	**MW-6**	EPA 3010	MPRP/14443	EPA 6010	ICP/13129
92175704003	**MW-9**	EPA 3010	MPRP/14443	EPA 6010	ICP/13129
92175704004	**MW-10**	EPA 3010	MPRP/14443	EPA 6010	ICP/13129
92175704005	**MW-12**	EPA 3010	MPRP/14443	EPA 6010	ICP/13129
92175704006	**MW-14**	EPA 3010	MPRP/14443	EPA 6010	ICP/13129
92175704007	**SW-2**	EPA 3010	MPRP/14443	EPA 6010	ICP/13129
92175704008	**Dup-1**	EPA 3010	MPRP/14443	EPA 6010	ICP/13129
92175704001	**MW-5**	EPA 8260	MSV/24553		
92175704002	**MW-6**	EPA 8260	MSV/24553		
92175704003	**MW-9**	EPA 8260	MSV/24553		
92175704004	**MW-10**	EPA 8260	MSV/24553		
92175704005	**MW-12**	EPA 8260	MSV/24553		
92175704006	**MW-14**	EPA 8260	MSV/24553		
92175704007	**SW-2**	EPA 8260	MSV/24553		
92175704008	**Dup-1**	EPA 8260	MSV/24553		
92175704009	**Field Blank**	EPA 8260	MSV/24553		
92175704010	**Trip Blank**	EPA 8260	MSV/24553		

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Pace Analytical	Document Name: Sample Condition Upon Receipt (SCUR)	Page 1 of 2
	Document Number: F-CHR-CS-03-rev.11	Issuing Authority: Pace Huntersville Quality Office

Client Name: HRP

Where Received: ☑ Huntersville ☐ Asheville ☐ Eden ☐ Raleigh

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace Other_____

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Optional
Proj. Due Date:
Proj. Name:

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other_____

Thermometer Used: IR Gun T1102 (T1301) **Type of Ice:** (Wet) Blue None ☑ Samples on ice, cooling process has begun

Temp Correction Factor T1102: No Correction T1301: No Correction

Corrected Cooler Temp.: 2.4 C **Biological Tissue is Frozen:** Yes No N/A

Date and Initials of person examining contents: CMF 10/12/13

Temp should be above freezing to 6°C

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix:_____	☐Yes ☑No ☐N/A	12. M & no time on coc or bottle
All containers needing preservation have been checked.	☐Yes ☐No ☑N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☑N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☑Yes ☐No	
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☑No ☐N/A	15.
Trip Blank Present:	☑Yes ☐No ☐N/A	16. No date/time on bottle
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	no time on coc
Pace Trip Blank Lot # (if purchased):_____		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

SCURF Review:	JDB	**Date:**	10/12/13
SRF Review:	AMB	**Date:**	10-14-13

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

WO#: 92175704

92175704

Pace Analytical®
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 1

1713470

Section A Required Client Information:

Company: HRP Associates
Address: 1327 D Miller Rd
Greenville, SC 29607
Email To: shaun.malin@hrpassociates.com
Phone: 864-289-0311 Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Shaun Malin
Copy To:
Purchase Order No.:
Project Name: Lee County Landfill
Project Number: LEE7000.GW

Section C Invoice Information:

Attention: Carol Gandarillas
Company Name: HRP Associates
Address: 197 Scott Swamp Rd. Farmington, CT
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☒ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: NC

Section D Required Client Information

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Grab ~~COMPOSITE~~ START DATE	TIME	COMPOSITE END/GRAB DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N): APPI VOCs	APPI Metals	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 92175704
1	MW-5	WT	G	10-10-13	1452				4			X	X					X	X		001
2	MW-6				1536				4												002
3	MW-9				1341				4												003
4	MW-10				1446				4												004
5	MW-12				1622				4												005
6	MW-14				1358				4												006
7	SW-2				1643				4			X							X		007
8	Field Blank				1705				3												008
9	DUP-1		G	10-10-13	—				4			X						X	X		009
10	Trip Blank	WT	—	10-10-13	—				2				X					X			010
11																					
12																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS		
	[signature] / HRP	10-11-13		[signature]	10/11/13	3:05 pm			
				[signature]	10/12/13	09:15	2.4	Y	N	Y

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Christina Blaszkiewicz

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 10/11/13

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

APPENDIX C

FIELD DATA SHEETS

Water Level Log

Year: 10/10/13 Analyst: MP/CB

Well ID	Total Depth	Date:		Date:	
		1/10 ft.	Time	1/10 ft.	Time
MW-12	13.12	5.65	@ 8:20		@
MW-4	18.97	15.58	@ 8:34		@
MW-11	22.50	12.77	@ 8:49		@
MW-6	40.07	9.62	@ 0905		@
MW-9	23.03	10.11	@ 9:32		@
MW-10	22.57	10.40	@ 9:21		@
MW-13	24.13	11.01	@ 9:49		@
MW-14	18.31	8.26	@ 0957		@
MW-7	22.15	11.07	@ 1003		@
MW-5	19.55	6.86	@ 1014		@
			@		@
			@		@
			@		@
			@		@
			@		@
			@		@
			@		@
			@		@
			@		@
			@		@

had to cut lock off

HRP Associates, Inc.
1327 Miller Road
Greenville, SC 29607

Field Data Sheet

Date: 10/10/13
Analyst (s): MP/CB
Well ID: MW-5
Client: LEE COUNTY
Location: SANFORD, NC

Purge Method (circle):
Whale Pump
Grundfos Pump
Bailer: Teflon
PVC
Bladder Pump
Peristaltic Pump
Other:

Well Diameter (in): 2"
Casing Material: PVC / Steel
Depth to Water (TOC): 6.86 @ 10:14
Depth to Immiscible Layer: —
Total Depth: 19.55
Length of Water Column: 12.69
Well Volume (gal): 2.07

0.75" = 0.023 1" = 0.041 2" = 0.163
4" = 0.678 6" = 1.47 8' = 2.611

Well Locked: Yes / No
Well Condition:
Well Pad :
Comments:

Weather: Overcast, Rainy

Parameters	Initial	1	2	3	4	5	6	7	DUP**
Time*	14:25	14:34	14:43	14:52					
Volume Purged (gal/ml)	0	2.25	4.5	6.75					
pH (su)	6.25	6.45	6.49	6.51					
Conductivity (uS/cm)	140	141	141	140					
Temperature (°C)	16.96	17.02	17.16	17.21					
Turbidity (ntu / Subj*)	16.46	13.28	9.92	7.06					
ORP (mV)	-23.7	-46.9	-47.1	-44.5					
DO (mg/L)	1.57	1.37	1.59	1.68					
Odor (Subj*)	none	none	none	none					
Water Level									

Subj* - 1 - Clear/Low 2- Slightly Turbid / Low-moderate 3 - Turbid / Moderate 4 - Highly Turbid / Heavy
* All well stabilization parameters were anaylzed at the time of sample collection.
** One (1) duplicate pH measurement will be taken once per day, or once per twenty (20) samples.

Notes:

* Well volume = Length of water colunm X corresponding well diameter coefficient (i.e. 2" = 0.163)

Sample Collection Time: 14:52

HRP Associates, Inc.
1327 Miller Road
Greenville, SC 29607

Field Data Sheet

Date: 10/10/13
Analyst (s): MP/LB
Well ID: MW-6
Client: LEE COUNTY
Location: SANFORD, NC

Purge Method (circle):
Whale Pump
Grundfos Pump
Bailer: Teflon
PVC
Bladder Pump
Peristaltic Pump
Other:

Well Diameter (in): 2"
Casing Material: PVC / Steel
Depth to Water (TOC): 9.62 @ 9:05
Depth to Immiscible Layer: —
Total Depth: 40.07
Length of Water Column: 30.45
Well Volume (gal): 4.96

0.75" = 0.023 1" = 0.041 2" = 0.163
4" = 0.678 6" = 1.47 8' = 2.611

Well Locked: Yes / No
Well Condition:
Well Pad :
Comments: stick-up

Weather: Overcast, 60's

Parameters	Initial	1	2	3	4	5	6	7	DUP**
Time*	1108	1136	~~1336~~ 1536						
Volume Purged (gal/ml)	0	5	10						
pH (su)	6.78	4.89	5.43						
Conductivity (uS/cm)	31	30	32						
Temperature (°C)	16.27	16.31	16.29						
Turbidity (ntu / Subj*)	12.27	11.65	59.85						
ORP (mV)	194.2	209.3	119.9						
DO (mg/L)	1.97	2.41	4.09						
Odor (Subj*)	None	None	None						
Water Level									

Subj* - 1 - Clear/Low 2- Slightly Turbid / Low-moderate 3 - Turbid / Moderate 4 - Highly Turbid / Heavy
* All well stabilization parameters were anaylzed at the time of sample collection.
** One (1) duplicate pH measurement will be taken once per day, or once per twenty (20) samples.

Notes:

* Well volume = Length of water colunm X corresponding well diameter coefficient (i.e. 2" = 0.163)

Sample Collection Time: ~~1336~~ 1536

HRP Associates, Inc.
1327 Miller Road
Greenville, SC 29607

Field Data Sheet

Date: 10/10/13
Analyst (s): MP/CB
Well ID: MW-9
Client: LEE COUNTY
Location: SANFORD, NC

Purge Method (circle):
Whale Pump
Grundfos Pump
Bailer: Teflon
PVC
Bladder Pump
Peristaltic Pump
Other:

Well Diameter (in): 2"
Casing Material: PVC / Steel
Depth to Water (TOC): MP ~~23.07~~ @ 9:32
Depth to Immiscible Layer: 10.11 —
Total Depth: 23.03
Length of Water Column: 12.92
Well Volume (gal): 2.11

0.75" = 0.023 1" = 0.041 2" = 0.163
4" = 0.678 6" = 1.47 8' = 2.611

Well Locked: Yes / No
Well Condition:
Well Pad :
Comments: Had to cut lock to gain access - stick up

Weather: Overcast, 60's

Parameters	Initial	1	2	3	4	5	6	7	DUP**
Time*	1311	1321	1331	~~1341~~ 1336	1341				
Volume Purged (gal/ml)	0	2.5	5.0	~~7.5~~ 6.25	7.5				
pH (su)	7.12	4.75	4.32						
Conductivity (uS/cm)	57	58	56						
Temperature (°C)	17.10	17.47	17.57						
Turbidity (ntu / Subj*)	173	2.42	0.52						
ORP (mV)	174.2	209.9	237.5						
DO (mg/L)	7.70	6.99	7.20						
Odor (Subj*)	None	None	None	None					
Water Level									

Subj* - 1 - Clear/Low 2- Slightly Turbid / Low-moderate 3 - Turbid / Moderate 4 - Highly Turbid / Heavy
* All well stabilization parameters were anaylzed at the time of sample collection.
** One (1) duplicate pH measurement will be taken once per day, or once per twenty (20) samples.

Notes:

* Well volume = Length of water colunm X corresponding well diameter coefficient (i.e. 2" = 0.163)

Sample Collection Time: 13:41

HRP Associates, Inc.
1327 Miller Road
Greenville, SC 29607

Field Data Sheet

Date: 10/10/13
Analyst (s): MP/KB
Well ID: MW-10
Client: LEE COUNTY
Location: SANFORD, NC

Purge Method (circle):
Whale Pump
Grundfos Pump
Bailer: Teflon
PVC
Bladder Pump
Peristaltic Pump
Other:

Well Diameter (in): 2"
Casing Material: PVC / Steel
Depth to Water (TOC): 10.40 @ 9:21
Depth to Immiscible Layer: —
Total Depth: 22.57
Length of Water Column: 12.17
Well Volume (gal): 1.98

0.75" = 0.023 1" = 0.041 2" = 0.163
4" = 0.678 6" = 1.47 8' = 2.611

Well Locked: Yes / No
Well Condition:
Well Pad :
Comments: Stick-up

Weather: Overcast, 60's

Parameters	Initial	1	2	3	4	5	6	7	DUP**
Time*	1414	1426	1436	1446					
Volume Purged (gal/ml)	0	2.0	4.0	6.0					
pH (su)	3.95	4.15	4.09	3.92					
Conductivity (uS/cm)	55	57	59	52					
Temperature (°C)	17.45	17.95	18.05	17.69					
Turbidity (ntu / Subj*)	19.8	2.51	1.85	7.73					
ORP (mV)	258.6	249.1	251.1	259.3					
DO (mg/L)	3.12	4.41	3.75	3.34					
Odor (Subj*)	None	None	None	None					
Water Level									

Subj* - 1 - Clear/Low 2- Slightly Turbid / Low-moderate 3 - Turbid / Moderate 4 - Highly Turbid / Heavy
* All well stabilization parameters were anaylzed at the time of sample collection.
** One (1) duplicate pH measurement will be taken once per day, or once per twenty (20) samples.

Notes:

* Well volume = Length of water colunm X corresponding well diameter coefficient (i.e. 2" = 0.163)

Sample Collection Time: 1446

HRP Associates, Inc.
1327 Miller Road
Greenville, SC 29607

Field Data Sheet

Date: 10-10-13 Well ID: MW-12
Analyst (s): CB Client: Lee County Landfill
Location: Lee County NC

Purge Method (circle):
Whale Pump
Grundfos Pump
Bailer: Teflon
PVC
Bladder Pump
Peristaltic Pump
Other:

Well Diameter (in): 2
Casing Material: PVC / Steel
Depth to Water (TOC): 5.85@
Depth to Immiscible Layer: NA
Total Depth: 13.12
Length of Water Column: 7.27
Well Volume (gal): 1.16

0.75" = 0.023 1" = 0.041 2" = 0.163
4" = 0.678 6" = 1.47 8' = 2.611

Well Locked: ~~Yes~~ / No
Well Condition: Good
Well Pad : Good
Comments:

Weather: 60 °F Rain

Parameters	Initial	1	2	3	4	5	6	7	DUP**
Time*	1610	1614	1618	1622					
Volume Purged (gal/ml)	0	1.5	3.0	4.5					
pH (su)	6.06	6.11	6.11	6.13					
Conductivity (uS/cm)	1849	1888	1891	1879					
Temperature (°C)	17.86	18.44	18.48	18.23					
Turbidity (ntu / Subj*)	61.57	16.86	3.50	2.54					
ORP (mV)	-25.0	-36.9	-35.6	-36.7					
DO (mg/L)	1.79	1.30	1.03	1.11					
Odor (Subj*)	Yes - strong	Yes - strong	Yes - strong	Yes - strong					
Water Level									

Subj* - 1 - Clear/Low 2- Slightly Turbid / Low-moderate 3 - Turbid / Moderate 4 - Highly Turbid / Heavy
* All well stabilization parameters were anaylzed at the time of sample collection.
** One (1) duplicate pH measurement will be taken once per day, or once per twenty (20) samples.

Notes: collected DUP-1

* Well volume = Length of water colunm X corresponding well diameter coefficient (i.e. 2" = 0.163)

Sample Collection Time: 1622

HRP Associates, Inc.
1327 Miller Road
Greenville, SC 29607

Field Data Sheet

Date: 10/10/13
Analyst (s): MP/CB
Well ID: MW-14
Client: LEE COUNTY
Location: SANFORD, NC

Purge Method (circle):
Whale Pump
Grundfos Pump
Bailer: Teflon
PVC
Bladder Pump
Peristaltic Pump
Other:

Well Diameter (in): 2"
Casing Material: PVC / Steel
Depth to Water (TOC): 8.26 @ 9:57
Depth to Immiscible Layer: —
Total Depth: 18.31
Length of Water Column: 10.05
Well Volume (gal): 1.64

0.75" = 0.023 1" = 0.041 2" = 0.163
4" = 0.678 6" = 1.47 8' = 2.611

Well Locked: Yes / No
Well Condition:
Well Pad :
Comments:

Weather: Overcast, Rainy

Parameters	Initial	1	2	3	4	5	6	7	DUP**
Time*	13:20	13:30	13:39	13:48	13:58				
Volume Purged (gal/ml)	0	1.75	3.5	5.25	7				
pH (su)	5.65	5.94	5.92	5.79	5.76				
Conductivity (uS/cm)	129	69	59	52	48				
Temperature (°C)	17.68	17.86	17.65	17.57	17.40				
Turbidity (ntu / Subj*)	52.79	109.4	102.8	52.75	16.33				
ORP (mV)	24.4	43.2	66.7	84.4	95.1				
DO (mg/L)	2.38	1.61	1.71	1.72	1.84				
Odor (Subj*)	none	none	none	none	none				
Water Level									

Subj* - 1 - Clear/Low 2- Slightly Turbid / Low-moderate 3 - Turbid / Moderate 4 - Highly Turbid / Heavy
* All well stabilization parameters were anaylzed at the time of sample collection.
** One (1) duplicate pH measurement will be taken once per day, or once per twenty (20) samples.

Notes:

* Well volume = Length of water colunm X corresponding well diameter coefficient (i.e. 2" = 0.163)

Sample Collection Time: 13:58

HRP Associates, Inc.
1327 Miller Road
Greenville, SC 29607

Field Data Sheet

Date: 10/10/13
Analyst (s): MP
Well ID: SW-2
Client: LEE CO.
Location: SANFORD, NC

Purge Method (circle):
Whale Pump
Grundfos Pump
Bailer: Teflon
PVC
Bladder Pump
Peristaltic Pump
Other: GRAB

Well Diameter (in): N/A
Casing Material: PVC / Steel
Depth to Water (TOC): @
Depth to Immiscible Layer:
Total Depth:
Length of Water Column:
Well Volume (gal):

0.75" = 0.023 1" = 0.041 2" = 0.163
4" = 0.678 6" = 1.47 8' = 2.611

Well Locked: Yes / No
Well Condition:
Well Pad :
Comments:

Weather: Overcast

Parameters	Initial	1	2	3	4	5	6	7	DUP**
Time*	1643								
Volume Purged (gal/ml)	–								
pH (su)	6.88								
Conductivity (uS/cm)	1022								
Temperature (°C)	16.79								
Turbidity (ntu / Subj*)	175.5								
ORP (mV)	-59.4								
DO (mg/L)	4.21								
Odor (Subj*)	None								
Water Level	–								

Subj* - 1 - Clear/Low 2- Slightly Turbid / Low-moderate 3 - Turbid / Moderate 4 - Highly Turbid / Heavy
* All well stabilization parameters were anaylzed at the time of sample collection.
** One (1) duplicate pH measurement will be taken once per day, or once per twenty (20) samples.

Notes:

* Well volume = Length of water colunm X corresponding well diameter coefficient (i.e. 2" = 0.163)

Sample Collection Time: 1643

HRP Associates, Inc.

Creating the Right Solutions Together

Instrument Calibration Log

Project Name: Lee County Landfill

Project Number: Lee7000.GW

Calibrating Personnel: CB

Time of Calibration: 1020

Weather conditions: 100°F Cloudy

Barometric Pressure: 30.03 inches Hg x 25.4= 762.76 mm Hg

Date: 10-10-13

CALIBRANT	INSTRUMENT	INITIAL READING	VALUE ENTERED	FINAL READING	TIME	TEMP
pH 10.0		10.14	10.0	10.03	1029	14.16
pH 7.00		6.88	7.0	7.00	1027	14.16
pH 4.00		4.09	4.0	4.00	1025	14.13
Conductivity (mS/cm)		1.422	1.413	1.414	1031	14.11
Turbidity		0.02	9.90	993.7		
DO (mg/L)		10.10		10.21	1040	14.53
DO (%)		~~10~~				
ORP (mV)		239.0	240.0	240.4	1036	14.18

Notes:

APPENDIX D

HISTORICAL CONSTITUENT

CONCENTRATIONS

By: BSH
Date: 11/24/2009

Table 3
Lee County Landfill
Detected Inorganic and Organic Constituents
11/24/2009

Constituents	SWSL	2L or GWP Standards	MW-5	MW-6	MW-9	MW-12	MW-13	MW-14	SW-1
Inorganic Constituents									
Antimony	6	1.4	ND	ND	ND	0.1 J	ND	ND	0.2 J
Arsenic	10	50	0.3 J	0.2 J	0.2 J	7.2 J	ND	ND	0.4 J
Barium	100	2000	**223**	59.1 J	82.9 J	**1529**	**258**	**129**	86.1 J
Beryllium	1	4	**12**	**4**	0.4 J	0.7 J	**7**	**3.4**	ND
Cadmium	1	1.75	0.4 J	0.2 J	0.2 J	0.7 J	0.5 J	0.8 J	0.1 J
Cobalt	10	70	1.4 J	1.7 J	1 J	**290**	4.9 J	5.6 J	0.5 J
Copper	10	1000	5.7 J	3 J	2.5 J	2.8 J	2.2 J	1.7 J	2.9 J
Chromium, total	10	50	2.5 J	0.4 J	1.9 J	0.9 J	0.5 J	1 J	0.5 J
Lead	10	15	7.4 J	1.4 J	4.5 J	2.5 J	3.4 J	**22**	0.5 J
Nickel	50	100	1.8 J	1.8 J	1.1 J	32.3 J	4.2 J	5.2 J	3.1 J
Selenium	10	50	0.8 J	ND	ND	**16**	ND	ND	1.2 J
Silver	10	17.5	0.1 J	0.1 J	ND	0.1 J	ND	0.1 J	0.1 J
Thallium	5	0.28	0.1 J	0.1 J	0.1 J	ND	0.2 J	0.3 J	0.1 J
Vanandium	25	3.5	14.3 J	3.6 J	4.7 J	2.1 J	1.2 J	0.9 J	1.4 J
Zinc	10	1050	**37**	9.4 J	5.4 J	6.5 J	**21**	**27**	**25**
Organic Constituents									
Chloroethane	10	2800	ND	ND	ND	**76.9**	ND	ND	ND
Benzene	1	1	ND	ND	ND	**3.7**	ND	ND	ND
1,1-Dichloroethane	5	70	ND	ND	ND	**9.4**	ND	ND	ND
1,2-Dichloroethane	1	0.38	ND	ND	ND	0.6 J	ND	ND	ND
Toluene	1	1	ND	ND	ND	0.5 J	ND	ND	ND
Chlorobenzene	3	50	ND	ND	ND	**12.3**	ND	ND	ND
1,4-Dichlorobenzene	1	1.4	ND	ND	ND	**3.9**	ND	ND	ND
1,2-Diichlorobenzene	5	24	ND	ND	ND	0.4 J	ND	ND	ND

SWSL - Solid Waste Section Quantitation Limit
ND - Not detected at or above SWSL
Shading - Concentrations above 2L standard or Groundwater Protection Standard
Bold Letters - Constituent detected above SWSL
J - Constituent detected below SWSL

All SWSLs, 2L Standards and Results are in ug/l.

Data from Environment 1 laboratory report dated 10/27/2009, ID# 6057.

RICHARDSON SMITH GARDNER & ASSOCIATES
ENGINEERING & GEOLOGICAL SERVICES

By: DMM
Date: 6/2/2010

Table 3
Lee County Landfill
Detected Inorganic and Organic Constituents
4/9/2010

Constituents	SWSL	2L or GWP Standards	MW-5	MW-6	MW-9	MW-12	MW-13	MW-14	SW-1
Inorganic Constituents									
Antimony	6	1.4	ND	ND	ND	ND	ND	ND	0.2 J
Arsenic	10	50	ND	0.3 J	ND	5.9 J	ND	ND	0.4 J
Barium	100	2000	**253**	55.5 J	82.9 J	**1549**	**212**	92.9 J	46.7 J
Beryllium	1	4	**11**	**4**	0.3 J	**2**	**9**	**3**	0.1 J
Cadmium	1	1.75	0.3 J	0.2 J	0.2 J	**1**	0.4 J	0.2 J	0.1 J
Cobalt	10	70	1.1 J	1.7 J	1 J	**212**	4.7 J	3.8 J	1 J
Copper	10	1000	4.8 J	2.2 J	0.8 J	4.7 J	3.3 J	2.9 J	2.5 J
Chromium, total	10	50	2.1 J	ND	0.2 J	2.3 J	1.6 J	2.5 J	1 J
Lead	10	15	5.7 J	1.4 J	2.4 J	**11**	6.8 J	**24**	1.5 J
Nickel	50	100	1.5 J	1.5 J	0.8 J	24 J	4.2 J	3 J	3.2 J
Selenium	10	50	ND	ND	ND	**13**	ND	ND	0.6 J
Silver	10	17.5	0.1 J	ND	0.1 J	0.1 J	ND	ND	ND
Thallium	5	0.28	ND	ND	ND	0.1 J	0.3 J	ND	ND
Vanandium	25	3.5	12.5 J	3.5 J	2.2 J	8.1 J	2 J	1 J	3.6 J
Zinc	10	1050	**27**	**27**	5.7 J	**18**	**24**	**39**	**16**
Organic Constituents									
Chloroethane	10	2800	ND	ND	ND	**93.6**	ND	ND	ND
Benzene	1	1	ND	ND	ND	**5.8**	ND	ND	ND
1,1-Dichloroethane	5	70	ND	ND	ND	**9.1**	ND	ND	ND
1,2-Dichloroethane	1	0.38	ND	ND	ND	0.5 J	ND	ND	ND
Toluene	1	1	ND	ND	ND	0.4 J	ND	ND	ND
Chlorobenzene	3	50	ND	ND	ND	**19.7**	ND	ND	ND
Xylenes	5	530	ND	ND	ND	1.4 J	ND	ND	ND
1,4-Dichlorobenzene	1	1.4	ND	ND	ND	**5.5**	ND	ND	ND
1,2-Diichlorobenzene	5	24	ND	ND	ND	0.4 J	ND	ND	ND

SWSL - Solid Waste Section Quantitation Limit
ND - Not detected at or above SWSL
Shading - Concentrations above 2L standard or Groundwater Protection Standard
Bold Letters - Constituent detected above SWSL
J - Constituent detected below SWSL

All SWSLs, 2L Standards and Results are in ug/l.

Data from Environment 1 laboratory report dated 5/07/10, ID# 6074.

Table 1 (continued)
Date: 10/14/10

GROUNDWATER DATA 10/4/10 - 10/5/10
Facility Name: Lee County Landfill

FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	DILUTION	COLLECT DATE	EXTRACTION	ANALYSIS DATE
53-01	MW12	7439-97-6	132	Mercury	0.20	ug/L	U	1	10/5/2010	*	10/7/2010
53-01	MW12	7440-38-2	14	Arsenic	7.8	ug/L	JP1	1	10/5/2010	*	10/8/2010
53-01	MW12	7440-39-3	15	Barium	1,600	ug/L	U	1	10/5/2010	*	10/8/2010
53-01	MW12	7440-43-9	34	Cadmium	1.5	ug/L	JP1	1	10/5/2010	*	10/8/2010
53-01	MW12	7440-47-3	51	Chromium	2.1	ug/L	JP1	1	10/5/2010	*	10/8/2010
53-01	MW12	7439-92-1	131	Lead	5	ug/L	U	1	10/5/2010	*	10/8/2010
53-01	MW12	7782-49-2	183	Selenium	20	ug/L	U	1	10/5/2010	*	10/8/2010
53-01	MW12	7440-22-4	184	Silver	7.5	ug/L	JP1J6	1	10/5/2010	*	10/8/2010
53-01	MW13	SW328	328	Top Of Casing	363.93	feet					
53-01	MW13	SW318	318	Depth To Water	10.55	feet					
53-01	MW13		427	Groundwater Elevation	353.4	feet					
53-01	MW13	SW320	320	pH (field)	4.59						
53-01	MW13	SW356	356	Dissolved Oxygen	1.00	mg/L					
53-01	MW13	SW325	325	Temperature	18.4	deg. C					
53-01	MW13	SW324	324	Conductivity	48	microS/sec					
53-01	MW13	71-43-2	16	Benzene	1	ug/L	U	1	10/4/10	*	10/7/2010
53-01	MW13	108-88-3	196	Toluene	5	ug/L	U	1	10/4/10	*	10/7/2010
53-01	MW13	100-41-4	110	Ethylbenzene	1	ug/L	U	1	10/4/10	*	10/7/2010
53-01	MW13	1330-20-7	346	Total Xylenes	3	ug/L	U	1	10/4/10	*	10/7/2010
53-01	MW13	7439-97-6	132	Mercury	0.20	ug/L	U	1	10/4/10	*	10/7/2010
53-01	MW13	7440-38-2	14	Arsenic	13	ug/L	J	1	10/4/10	*	10/7/2010
53-01	MW13	7440-39-3	15	Barium	280	ug/L	U	1	10/4/10	*	10/7/2010
53-01	MW13	7440-43-9	34	Cadmium	5	ug/L	U	1	10/4/10	*	10/7/2010
53-01	MW13	7440-47-3	51	Chromium	1.8	ug/L	J	1	10/4/10	*	10/7/2010
53-01	MW13	7439-92-1	131	Lead	7.7	ug/L	U	1	10/4/10	*	10/7/2010
53-01	MW13	7782-49-2	183	Selenium	20	ug/L	U	1	10/4/10	*	10/7/2010
53-01	MW13	7440-22-4	184	Silver	1	ug/L	U	1	10/4/10	*	10/7/2010
53-01	MW14	SW328	328	Top Of Casing	358.61	feet					
53-01	MW14	SW318	318	Depth To Water	8.09	feet					
53-01	MW14		427	Groundwater Elevation	350.5	feet					
53-01	MW14	SW320	320	pH (field)	5.22						
53-01	MW14	SW356	356	Dissolved Oxygen	0.82	mg/L					
53-01	MW14	SW325	325	Temperature	18.2	deg. C					
53-01	MW14	SW324	324	Conductivity	69	microS/sec					
53-01	MW14	71-43-2	16	Benzene	1	ug/L	U	1	10/4/10	*	10/7/2010
53-01	MW14	108-88-3	196	Toluene	5	ug/L	U	1	10/4/10	*	10/7/2010
53-01	MW14	100-41-4	110	Ethylbenzene	1	ug/L	U	1	10/4/10	*	10/7/2010
53-01	MW14	1330-20-7	346	Total Xylenes	3	ug/L	U	1	10/4/10	*	10/7/2010
53-01	MW14	7439-97-6	132	Mercury	0.20	ug/L	U	1	10/4/10	*	10/7/2010
53-01	MW14	7440-38-2	14	Arsenic	9.4	ug/L	U	1	10/4/10	*	10/7/2010
53-01	MW14	7440-39-3	15	Barium	140	ug/L	J	1	10/4/10	*	10/7/2010
53-01	MW14	7440-43-9	34	Cadmium	5	ug/L	U	1	10/4/10	*	10/7/2010
53-01	MW14	7440-47-3	51	Chromium	5.3	ug/L	J	1	10/4/10	*	10/7/2010
53-01	MW14	7439-92-1	131	Lead	68	ug/L	U	1	10/4/10	*	10/7/2010
53-01	MW14	7782-49-2	183	Selenium	20	ug/L	U	1	10/4/10	*	10/7/2010
53-01	MW14	7440-22-4	184	Silver	10	ug/L	U	1	10/4/10	*	10/7/2010

Note:
1. * Technically, this sample set didn't have any extractions. The metals were prepped and digested. The volatiles aren't involved in any extraction process. They are loaded directly onto the instrument.

Table 1 (continued)
Date: 10/14/10

GROUNDWATER DATA 10/4/10 - 10/5/10
Facility Name: Lee County Landfill

FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	DILUTION	COLLECT DATE	EXTRACTION	ANALYSIS DATE
53-01	MW9	SW328	328	Top Of Casing	384.2	feet					
53-01	MW9	SW318	318	Depth To Water	9.38	feet					
53-01	MW9		427	Groundwater Elevation	374.8	feet					
53-01	MW9	SW320	320	pH (field)	3.59						
53-01	MW9	SW356	356	Dissolved Oxygen	4.04	mg/L					
53-01	MW9	SW325	325	Temperature	20	deg. C					
53-01	MW9	SW324	324	Conductivity	42	microS/sec					
53-01	MW9	71-43-2	16	Benzene	1	ug/L	U	1	10/4/10	*	10/7/10
53-01	MW9	108-88-3	196	Toluene	5	ug/L	U	1	10/4/10	*	10/7/10
53-01	MW9	100-41-4	110	Ethylbenzene	1	ug/L	U	1	10/4/10	*	10/7/10
53-01	MW9	1330-20-7	346	Total Xylenes	3	ug/L	U	1	10/4/10	*	10/7/10
53-01	MW9	7439-97-6	132	Mercury	0.20	ug/L	U	1	10/4/10	*	10/7/10
53-01	MW9	7440-38-2	14	Arsenic	16	ug/L	JP1	1	10/4/10	*	10/6/10
53-01	MW9	7440-39-3	15	Barium	98	ug/L	U	1	10/4/10	*	10/6/10
53-01	MW9	7440-43-9	34	Cadmium	0.90	ug/L	JP1	1	10/4/10	*	10/6/10
53-01	MW9	7440-47-3	51	Chromium	10	ug/L	U	1	10/4/10	*	10/6/10
53-01	MW9	7439-92-1	131	Lead	3.8	ug/L	JP1	1	10/4/10	*	10/6/10
53-01	MW9	7782-49-2	183	Selenium	20	ug/L	U	1	10/4/10	*	10/6/10
53-01	MW9	7440-22-4	184	Silver	10	ug/L	U	1	10/4/10	*	10/6/10
53-01	MW10	SW328	328	Top Of Casing	377.0	feet					
53-01	MW10	SW318	318	Depth To Water	9.16	feet					
53-01	MW10		427	Groundwater Elevation	367.8	feet					
53-01	MW11	SW328	328	Top Of Casing	399.6	feet					
53-01	MW11	SW318	318	Depth To Water	11.06	feet					
53-01	MW11		427	Groundwater Elevation	388.5	feet					
53-01	MW12	SW328	328	Top Of Casing	337.4	feet					
53-01	MW12	SW318	318	Depth To Water	4.42	feet					
53-01	MW12		427	Groundwater Elevation	333	feet					
53-01	MW12	SW320	320	pH (field)	5.59						
53-01	MW12	SW356	356	Dissolved Oxygen	1.32	mg/L					
53-01	MW12	SW325	325	Temperature	19.5	deg. C					
53-01	MW12	SW324	324	Conductivity	1,454	microS/sec					
53-01	MW12	71-43-2	16	Benzene	2.8	ug/L	U	1	10/5/2010	*	10/7/2010
53-01	MW12	108-88-3	196	Toluene	0.40	ug/L	J	1	10/5/2010	*	10/7/2010
53-01	MW12	100-41-4	110	Ethylbenzene	1	ug/L	U	1	10/5/2010	*	10/7/2010
53-01	MW12	1330-20-7	346	Total Xylenes	3	ug/L	U	1	10/5/2010	*	10/7/2010
53-01	MW12	108-20-3	366	Di-isopropyl ether	1	ug/L	U	1	10/5/2010	*	10/7/2010
53-01	MW12	108-90-7	39	Chlorobenzene	8.7	ug/L	U	1	10/5/2010	*	10/7/2010
53-01	MW12	75-00-3	41	Chloroethane	89	ug/L	U	1	10/5/2010	*	10/7/2010
53-01	MW12	95-50-1	69	1,2-Dichlorobenzene	1	ug/L	U	1	10/5/2010	*	10/7/2010
53-01	MW12			1,3-Dichlorobenzene	1	ug/L	U	1	10/5/2010	*	10/7/2010
53-01	MW12	106-46-7	71	1,4-Dichlorobenzene	2.9	ug/L	U	1	10/5/2010	*	10/7/2010
53-01	MW12	75-71-8	74	Dichlorodifluoromethane	5	ug/L	U	1	10/5/2010	*	10/7/2010
53-01	MW12	75-34-3	75	1,1-Dichloroethane	9.3	ug/L	U	1	10/5/2010	*	10/7/2010
53-01	MW12	107-06-2	76	1,2-Dichloroethane	0.38	ug/L	J	1	10/5/2010	*	10/7/2010
53-01	MW12	98-82-8	367	Isopropylbenzene	0.64	ug/L	J	1	10/5/2010	*	10/7/2010
53-01	MW12	75-09-2	140	Methylene Chloride	5	ug/L	U	1	10/5/2010	*	10/7/2010
53-01	MW12			2-Chlorotoluene	1	ug/L	U	1	10/5/2010	*	10/7/2010
53-01	MW12	91-20-3	148	Napthalene	5	ug/L	U	1	10/5/2010	*	10/7/2010
53-01	MW12			n-Propylbenzene	1	ug/L	U	1	10/5/2010	*	10/7/2010

Note:
1. * Technically, this sample set didn't have any extractions. The metals were prepped and digested. The volatiles aren't involved in any extraction process. They are loaded directly onto the instrument.

Table 1
Date: 10/14/10

GROUNDWATER DATA 10/4/10 - 10/5/10
Facility Name: Lee County Landfill

FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	DILUTION FACTOR	COLLECT DATE	EXTRACTION DATE*	ANALYSIS DATE
53-01	MW4	SW328	328	Top Of Casing	345.9	feet					
53-01	MW4	SW318	318	Depth To Water	15.31	feet					
53-01	MW4		427	Groundwater Elevation	330.6	feet					
53-01	MW5	SW328	328	Top Of Casing	351.1	feet					
53-01	MW5	SW318	318	Depth To Water	6.55	feet					
53-01	MW5			Groundwater Elevation	344.6	feet					
53-01	MW5	SW320	320	pH (field)	6.44						
53-01	MW5	SW356	356	Dissolved Oxygen	2.14	mg/L					
53-01	MW5	SW325	325	Temperature	17.5	deg. C					
53-01	MW5	SW323	323	Conductivity	130	microS/sec					
53-01	MW5	71-43-2	16	Benzene	1	ug/L	U				
53-01	MW5	108-88-3	196	Toluene	5	ug/L	U				
53-01	MW5	100-41-4	110	Ethylbenzene	1	ug/L	U				
53-01	MW5	1330-20-7	346	Total Xylenes	3	ug/L	U				
53-01	MW5	7439-97-6	132	Mercury	0.20	ug/L	U				
53-01	MW5	7440-38-2	14	Arsenic	22	ug/L	U	1	10/4/10	*	10/7/10
53-01	MW5	7440-39-3	15	Barium	360	ug/L	U	1	10/4/10	*	10/7/10
53-01	MW5	7440-43-9	34	Cadmium	5	ug/L	U	1	10/4/10	*	10/7/10
53-01	MW5	7440-47-3	51	Chromium	7	ug/L	J	1	10/4/10	*	10/7/10
53-01	MW5	7439-92-1	131	Lead	26	ug/L	U	1	10/4/10	*	10/7/10
53-01	MW5	7782-49-2	183	Selenium	7	ug/L	J	1	10/4/10	*	10/7/10
53-01	MW5	7440-22-4	184	Silver	10	ug/L	U	1	10/4/10	*	10/7/10
53-01	MW6	SW328	328	Top Of Casing	402.1	feet					
53-01	MW6	SW318	318	Depth To Water	9.94	feet					
53-01	MW6		427	Groundwater Elevation	392.2	feet					
53-01	MW6	SW320	320	pH (field)	3.97						
53-01	MW6	SW356	356	Dissolved Oxygen	2.11	mg/L					
53-01	MW6	SW325	325	Temperature	18.1	deg. C					
53-01	MW6	SW324	324	Conductivity	23	microS/sec					
53-01	MW6	71-43-2	16	Benzene	1	ug/L	U	1	10/4/10	*	10/7/10
53-01	MW6	108-88-3	196	Toluene	5	ug/L	U	1	10/4/10	*	10/7/10
53-01	MW6	100-41-4	110	Ethylbenzene	1	ug/L	U	1	10/4/10	*	10/7/10
53-01	MW6	1330-20-7	346	Total Xylenes	3	ug/L	U	1	10/4/10	*	10/7/10
53-01	MW6	7439-97-6	132	Mercury	0.20	ug/L	U	1	10/4/10	*	10/7/10
53-01	MW6	91-20-3	148	Napthalene	5	ug/L	U	1	10/4/10	*	10/7/10
53-01	MW6			1,2,4-Trimethylbenzene	1	ug/L	U	1	10/4/10	*	10/7/10
53-01	MW6	7440-38-2	14	Arsenic	9.7	ug/L	J	1	10/4/10	*	10/7/10
53-01	MW6	7440-39-3	15	Barium	77	ug/L	U	1	10/4/10	*	10/7/10
53-01	MW6	7440-43-9	34	Cadmium	5	ug/L	U	1	10/4/10	*	10/7/10
53-01	MW6	7440-47-3	51	Chromium	10	ug/L	U	1	10/4/10	*	10/7/10
53-01	MW6	7439-92-1	131	Lead	4.3	ug/L	J	1	10/4/10	*	10/7/10
53-01	MW6	7782-49-2	183	Selenium	10	ug/L	J	1	10/4/10	*	10/7/10
53-01	MW6	7440-22-4	184	Silver	10	ug/L	U	1	10/4/10	*	10/7/10
53-01	MW7	SW328	328	Top Of Casing	360.3	feet					
53-01	MW7	SW318	318	Depth To Water	11.06	feet					
53-01	MW7		427	Groundwater Elevation	349.2	feet					

Note:
1. * Technically, this sample set didn't have any extractions. The metals were prepped and digested. The volatiles aren't involved in any extraction process. They are loaded directly onto the instrument.

Table 1 (continued)
Date: 10/14/10

GROUNDWATER DATA 10/4/10 - 10/5/10
Facility Name: Lee County Landfill

FACILITY PERMIT	WELL ID	CAS Number	SWS ID	PARAMETER	RESULT	UNITS	QUALIFIER	DILUTION	COLLECT DATE	EXTRACTION	ANALYSIS DATE
53-01	SW2	71-43-2	16	Benzene	1	ug/L	U	1	10/4/10	*	10/7/2010
53-01	SW2	108-88-3	196	Toluene	5	ug/L	U	1	10/4/10	*	10/7/2010
53-01	SW2	100-41-4	110	Ethylbenzene	1	ug/L	U	1	10/4/10	*	10/7/2010
53-01	SW2	1330-20-7	346	Total Xylenes	3	ug/L	U	1	10/4/10	*	10/7/2010
53-01	SW2	7439-97-6	132	Mercury	0.20	ug/L	U	1	10/4/10	*	10/7/2010
53-01	SW2	7440-38-2	14	Arsenic	20	ug/L	U	1	10/4/10	*	10/7/2010
53-01	SW2	7440-39-3	15	Barium	94	ug/L	U	1	10/4/10	*	10/7/2010
53-01	SW2	7440-43-9	34	Cadmium	5	ug/L	U	1	10/4/10	*	10/7/2010
53-01	SW2	7440-47-3	51	Chromium	10	ug/L	U	1	10/4/10	*	10/7/2010
53-01	SW2	7439-92-1	131	Lead	5	ug/L	U	1	10/4/10	*	10/7/2010
53-01	SW2	7782-49-2	183	Selenium	20	ug/L	U	1	10/4/10	*	10/7/2010
53-01	SW2	7440-22-4	184	Silver	10	ug/L	U	1	10/4/10	*	10/7/2010

Note:
1. * Technically, this sample set didn't have any extractions. The metals were prepped and digested. The volatiles aren't involved in any extraction process. They are loaded directly onto the instrument.

TABLE 2

SUMMARY OF DETECTED CONSTITUENTS AND FIELD PARAMETERS

Constituents and Field Parameters	NC2L / GWPS*	MW-5	MW-6	MW-9	MW-10	MW-12	MW-14	NC 2B	SW-2	Blanks
Arsenic	10	ND	ND	ND	ND	6.2 J	ND	50	DRY	ND
Barium	700	201	53.4 J	103	93.9 J	1370	95.9 J	NE	DRY	ND
Acetone	6000	ND	ND	ND	ND	4.4 B	ND	2000	DRY	2.3 J
Benzene	1	ND	ND	ND	ND	3.6	ND	NE	DRY	ND
Chlorobenzene	50	ND	ND	ND	ND	8.3	ND	140	DRY	ND
Chloroethane	3000	ND	ND	ND	ND	103	ND	NE	DRY	ND
1,2-Dichlorobenzene	20	ND	ND	ND	ND	0.37 J	ND	470	DRY	ND
1,4-Dichlorobenzene	6	ND	ND	ND	ND	3.1	ND	100	DRY	ND
1,1-Dichloroethane	6	ND	ND	ND	ND	12.0	ND	20000	DRY	ND
1,2-Dichloroethane	0.4	ND	ND	ND	ND	0.62 J	ND	NE	DRY	ND
Toluene	600	ND	ND	ND	ND	0.43 J	ND	11	DRY	ND
Temperature (°C)	-	18.9	18.1	18.1	19.2	19.5	19.7	-	-	-
Conductivity (µS)	-	184.6	120.1	66.7	64.7	1586	96.5	-	-	-
pH	-	6.75	6.05	4.87	5.02	6.14	5.83	-	-	-
Turbidity (NTU)	-	11.29	12.48	9.76	16.21	68.7	12.65	-	-	-

Notes:
1. All concentrations are reported in micrograms per liter (ug/L), except where noted.
2. J = Estimated value.
3. B = Report detect considered to represent blank contamination.
4. ND = Not detected.
5. NE = Not established.
6. DRY = Monitoring well or sampling point was dry and not sampled.
7. NC 2L Standard = North Carolina's groundwater quality standard established under 15A NCAC 2L, .0202.
8. GWPS = Groundwater Protection Standards.
9. NC 2B Standard = North Carolina's surface water standards.
10. Shaded data indicates concentrations detected above the NC 2L, GWPS, or NC 2B.

TABLE 2

SUMMARY OF DETECTED CONSTITUENTS AND FIELD PARAMETERS

Constituents and Field Parameters	NC2L / GWPS*	MW-5	MW-6	MW-9	MW-10	MW-12	MW-14	NC 2B	SW-2	Blanks
Barium	700	255	43.6 J	102	81.2 J	1580	123	NE	DRY	ND
Lead	15	ND	ND	ND	ND	ND	18.8	25	DRY	ND
Acetone	6000	ND	ND	ND	ND	ND	ND	2000	DRY	4.0 J
Benzene	1	ND	ND	ND	ND	4.4	ND	NE	DRY	ND
Chlorobenzene	50	ND	ND	ND	ND	20.5	ND	140	DRY	ND
Chloroethane	3000	ND	ND	ND	ND	43.8	ND	NE	DRY	ND
1,2-Dichlorobenzene	20	ND	ND	ND	ND	0.46 J	ND	470	DRY	ND
1,4-Dichlorobenzene	6	ND	ND	ND	ND	4.8	ND	100	DRY	ND
1,1-Dichloroethane	6	ND	ND	ND	ND	4.8 J	ND	20000	DRY	ND
Toluene	600	ND	ND	ND	ND	0.60 J	ND	11	DRY	ND
o-Xylene	500	ND	ND	ND	ND	0.32 J	ND	NE	DRY	ND
Temperature (°C)	-	15.9	16.3	15.8	15.1	14.3	15.3	-	-	-
Conductivity (µS)	-	183.7	38.5	62.9	34	1620	68.1	-	-	-
pH	-	6.89	5.41	5.65	5.83	5.99	6.23	-	-	-
Turbidity (NTU)	-	131.0	46.9	27.0	5.81	43.5	65.6	-	-	-

Notes:
1. All concentrations are reported in micrograms per liter (ug/L), except where noted.
2. J = Estimated value.
3. B = Report detect considered to represent blank contamination.
4. ND = Not detected.
5. NE = Not established.
6. DRY = Monitoring well or sampling point was dry and not sampled.
7. NC 2L Standard = North Carolina's groundwater quality standard established under 15A NCAC 2L, .0202.
8. GWPS = Groundwater Protection Standards.
9. NC 2B Standard = North Carolina's surface water standards.
10. Shaded data indicates concentrations detected above the NC 2L, GWPS, or NC 2B.

TABLE 2

SUMMARY OF DETECTED CONSTITUENTS – GROUNDWATER

Analytical Method >			3050	3050	3050	3050	8260	8260	8260	8260	8260	8260	8260	8260
Well ID	Contaminant of Concern >		Arsenic	Barium	Chromium	Lead	Benzene	1-1 Dichloroethane	1,2 Dichlorobenzene	1,4 Dichlorobenzene	Chlorobenzene	Chloroethane	Meyhylene Chloride	Toluene
	Date Collected m/dd/yy	Sample ID												
MW-5	10/18/12	MW-5	4.14	295	8.71	9.66	ND	ND	ND	ND	ND	ND	ND	ND
MW-6	10/18/12	MW-6	5.78	166	9.75	11.1	ND	ND	ND	ND	ND	ND	ND	ND
MW-9	10/18/12	MW-9	ND	109	1.17	5.48	ND	ND	ND	ND	ND	ND	ND	ND
MW-10	10/18/12	MW-10	ND	136	7.69	5.48	ND	ND	ND	ND	ND	ND	ND	ND
MW-12	10/18/12	MW-12	**13.1**	**1,500**	3.69	8.32	**3.7**	3.4	0.42	4.7	17	88	0.42	0.77
MW-14	10/18/12	MW-14	5.05	215	13.2	64.2	ND	ND	ND	ND	ND	ND	ND	ND
SW-2	10/18/12	SW-2	ND	70.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	10/18/12	Field Blank	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trip Blank	10/18/12	Trip Blank	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2L Standard (ug/l)			**10**	**700**	**10**	**15**	**1**	**6**	**20**	**6**	**50**	**3,000**	**5**	**600**

Results are in ug/l

Bold results indicate exceedence of 2L Standards

TABLE 2

SUMMARY OF DETECTED CONSTITUENTS – GROUNDWATER

Analytical Method >			3050	3050	3050	3050	8260	8260	8260	8260	8260	8260	8260	8260
Well ID	Contaminant of Concern >		Arsenic	Barium	Chromium	Lead	Benzene	1-1 Dichloroethane	1,2 Dichlorobenzene	1,4 Dichlorobenzene	Chlorobenzene	Chloroethane	Meyhylene Chloride	Toluene
	Date Collected m/dd/yy	Sample ID												
MW-5	4/17/13	MW-5	**10.5**	478	26.3	**35.6**	ND	ND	ND	ND	ND	ND	ND	ND
MW-6	4/17/13	MW-6	5.08	113	2.73	4.59	ND	ND	ND	ND	ND	ND	ND	ND
MW-9	4/17/13	MW-9	ND	120	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-10	4/17/13	MW-10	6.34	97.3	2.84	5.48	ND	ND	ND	ND	ND	ND	ND	ND
MW-12	4/17/13	MW-12	ND	**1,560**	3.69	5.76	**4.9**	4.3	ND	4.9	25	40	0.42	0.46
MW-14	4/17/13	MW-14	ND	185	7.62	**27.8**	ND	ND	ND	ND	ND	ND	ND	ND
SW-2	4/17/13	SW-2	ND	86.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	4/17/13	Field Blank	3.36	1.52	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trip Blank	4/17/13	Trip Blank	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2L Standard (ug/l)			**10**	**700**	**10**	**15**	**1**	**6**	**20**	**6**	**50**	**3,000**	**5**	**600**

Results are in ug/l

Bold results indicate exceedence of 2L Standards