BUNNELL-LAMMONS ENGINEERING, INC.

GEOTECHNICAL, ENVIRONMENTAL AND CONSTRUCTION MATERIALS CONSULTANTS

REPORT OF GROUNDWATER ASSESSMENT: MONITORING WELLS MW-6 THROUGH MW-15

CLOSED FRANCIS FARM LANDFILL

HAYWOOD COUNTY, NORTH CAROLINA

PERMIT NUMBER 44-03

PREPARED FOR:

HAYWOOD COUNTY SOLID WASTE MANAGEMENT DEPARTMENT

CLYDE, NORTH CAROLINA

PREPARED BY:

BUNNELL-LAMMONS ENGINEERING, INC.

GREENVILLE, SOUTH CAROLINA

ASHEVILLE, NORTH CAROLINA

JULY 20, 2011

BLE PROJECT NUMBER J10-1957-14

BUNNELL-LAMMONS ENGINEERING, INC.
GEOTECHNICAL, ENVIRONMENTAL AND CONSTRUCTION MATERIALS CONSULTANTS

July 20, 2011

North Carolina Department of Environment and Natural Resources
Division of Waste Management – Solid Waste Section
1646 Mail Service Center
Raleigh, NC 27699-1646

Attention: Ms. Elizabeth S. Werner
Hydrogeologist

Subject: Report of Groundwater Assessment:
Monitoring Wells MW-6 through MW-15
Closed Francis Farm Landfill
Haywood County, North Carolina
BLE Project Number J10-1957-14
Permit Number 44-03

Dear Ms. Werner:

As authorized by McGill Associates' acceptance of our Proposal Number P09-0817 dated March 2, 2010 on behalf of Haywood County, Bunnell-Lammons Engineering, Inc. (BLE) has performed the required well installation services at the subject site. The purpose of the work was to install, sample, and prepare a report as part of the initial phase of an approved assessment monitoring plan for the subject site. The enclosed report describes the work performed and documents the well installation as required.

BACKGROUND INFORMATION

The following project information was obtained from documents provided by Haywood County and from site data (in BLE's project records) from our current services proposal with Haywood County.

Haywood County owns and maintains the Francis Farm Landfill which is currently closed (Figure 1). McGill has been retained by Haywood County to provide engineering services related to the post-closure care of the landfill. BLE has been retained by Haywood County (since 2007) to provide semi-annual statistical analysis and reporting services for groundwater and surface water sampling conducted by Pace Analytical Services, Inc. (Pace).

We understand that Municipal Engineering Services Company, PA [(MESCO), former consultant for Haywood County] submitted a *Groundwater Assessment Monitoring Plan* (dated August 11, 2004) to the North Carolina Division of Waste Management (DWM) on behalf of Haywood County. The DWM reviewed the plan and Mr. Larry Rose issued a letter (dated August 23, 2004) to Haywood County requesting additional information and a proposed schedule for implementation of the plan. Haywood County responded with a letter to the DWM on October 14, 2004 requesting

6004 PONDERS COURT
GREENVILLE, SOUTH CAROLINA 29615
PHONE (864) 288-1265
FAX (864) 288-4430

additional time to "negotiate with the property owner of the adjacent property before we commit to a schedule." No further correspondence is present in the records until September 11, 2009 when the DWM issued a letter to Haywood County requesting a response and schedule (due by approximately November 16, 2009).

Haywood County retained McGill to assist with the preparation of a letter responding to the DWM request. McGill subsequently retained BLE to evaluate the 2004 groundwater assessment plan and provide technical information to be used in future correspondence between Haywood County and the DWM.

As part of our assigned task, BLE issued a letter titled *Comments on the Proposed 2004 Groundwater Assessment Monitoring Plan Closed Francis Farm Landfill* dated November 9, 2009 (BLE Project Number J09-1957-11). The letter stated that "Based on the limited data available in the MESCO plan we are unable to provide a technical rationale for the proposed well locations. We believe that some modification of the plan is necessary based on our evaluation of recently collected data." A date of December 31, 2009 was proposed as the due date for a submittal of a revised groundwater elevation map and proposed well location plan (with a proposed well depth table) to the DWM.

BLE submitted the aforementioned information to the DWM on December 30, 2009. The DWM subsequently issued a letter to Haywood County dated February 19, 2010 which conditionally approved the proposed well locations, depths, and assessment plan revisions. As part of the approval, the DWM requested that Haywood County prepare and submit a milestone schedule to the DWM for completion of the assessment.

Our Mr. Alexander, P.G. and Mr. Jeff Bishop, P.E. of McGill attended a meeting with Mr. David Cotton and Mr. Marty Stamey of Haywood County on February 23, 2010. Haywood County requested that we submit a proposal to McGill to prepare the milestone schedule letter and to install and sample ten (10) proposed groundwater monitoring wells designated MW-6 through MW-15. These activities are the initial phase of the required groundwater assessment (assessment monitoring program) for the subject site.

BLE prepared a proposal (BLE Proposal Number P09-0817, dated March 2, 2010) which was subsequently approved by McGill on behalf of Haywood County. BLE prepared a letter titled *Milestone Schedule for the Groundwater Assessment -- Closed Francis Farm Landfill* dated May 26, 2010. The schedule was subsequently approved by the DWM.

The approved schedule included the installation of the new wells in the summer of 2010 with sampling and analysis in February 2011. The subject services have been performed and a data submittal of the findings was prepared and submitted to the DWM (*Groundwater Assessment Data Submittal* dated May 12, 2011) in accordance with the notification requirements of NCAC Title 15A 13B .1634 (g). On June 9, 2010 the DWM approved changing the milestone schedule report deadline to on or about August 19, 2011.

This report of the assessment findings is submitted as specified in the approved milestone schedule et seq. and includes preliminary plans and actions to meet the requirements of NCAC Title 15A 13B .1634 (g)(1) & (2).

SCOPE OF SERVICES PERFORMED

The required tasks for this assessment included the installation, development, and sampling of ten groundwater monitoring wells. The well locations were staked by a North Carolina licensed surveyor retained by Haywood County prior to arrival of our drill crew.

Groundwater monitoring well installations were performed by North Carolina-licensed drillers retained by BLE (North Carolina Registration #3290-A) in general accordance with North Carolina Well Construction Standards Rule 15A NCAC 2C, .0113.

Groundwater Monitoring Well Installation, Development, and Survey

BLE mobilized a track-mounted CME-75 drill rig to install five monitoring wells (MW-6 through MW-10) via hollow stem auger drilling from August 11-19, 2010. BLE mobilized a truck-mounted Schramm drill rig to install five monitoring wells (MW-11 through MW-15) via downhole air hammer from July 27, 2010 to August 19, 2010. The as-built well locations are shown on Figure 2.

The actual well installation locations and depths were dependent on site conditions and the wells were drilled and installed in general accordance with the approved assessment plan. The well drilling and installation procedures are included in Appendices A and B. Each well included a surface completion consisting of a 3 by 3 foot by 4-inch thick concrete pad with a lockable well cap and steel flush mount or stickup cover. North Carolina well construction records (Form GW-1b) are included in Appendix C. Well logs prepared by BLE are included in Appendix D and well construction data are summarized on Table 1. The groundwater levels on Table 1 were measured by Pace on February 21, 2011 as noted on the table.

BLE provided well development services for each newly installed monitoring well. The monitoring wells were developed to remove fine particles from the sand pack around the well screen. The well development consisted of the following:

1. Place a pump or bailer in the monitoring well;
2. Purge the well; and
3. Intermittently surge the well with a surge block.

Groundwater turbidity was measured periodically during well development using a HF Scientific model DRT-15 Portable Turbidity Meter, or equivalent. Well development logs are included in Appendix E.

The ten new groundwater monitoring wells' location and elevation were surveyed by a North Carolina registered land surveyor provided by McGill under direct contract with Haywood County. The survey data was provided in digital format to BLE by McGill and was used to prepare Figure 2 and the well construction summary on Table 1.

Groundwater Sampling and Analysis

Haywood County is conducting an ongoing groundwater assessment at the subject site in compliance with the Assessment Monitoring Program rules. As part of the assessment, ten (10) new groundwater monitoring wells (MW-6 through MW-15) were installed at the site to supplement the previously existing six (6) groundwater monitoring wells (MW-1, MW-1A, MW-2A, MW-3A, MW-4, and MW-5). These wells (except MW-1; which is typically dry) were sampled by Pace in February 2011 during a routine semi-annual groundwater monitoring event. The previously existing wells were sampled for the Appendix I compound list and the new wells were sampled for the Appendix II compound list in accordance with the DWM approved assessment plan. Groundwater levels were obtained (by Pace) from the new and previously existing monitoring wells and a potentiometric surface map was prepared by BLE (Figure 2). A well construction and water level summary table has been prepared by BLE (Table 1).

A summary of the February 2011 sampling data is shown on Tables 2 through 4. The proposed sampling matrix for August 2011 is included as Table 5. Our rationale for the proposed sampling matrix is discussed below. The laboratory analysis data is included in Appendix F. The data is also summarized on Figures 3 and 4.

RESULTS, CONCLUSIONS, AND RECOMMENDATIONS

Concentrations of several Appendix I and Appendix II compounds were detected during the February 2011 sampling event (Figures 3 and 4). Based on these data, BLE prepared and submitted a document titled *Proposed Groundwater Sampling Matrix for August 2011* (dated June 10, 2011) to the DWM. The proposed matrix was subsequently approved by the DWM. That document included the text below which summarizes our recommendations for the August 2011 sampling event.

Volatile Organic Compounds (VOCs) – The primary contaminants of concern at the site are VOCs. Several VOCs were detected during the February 2011 event. Please reference Table 2 for a summary of the detected VOCs. We propose to continue to sample all wells for VOCs.

Semi-Volatile Organics (SVOC) – Concentrations of 1,2-dichlorobenzene were detected in MW-11, MW-14, and MW-15 and concentrations of 1,4-dichlorobenzene were detected in MW-13 and MW-14. No other SVOC compounds were detected. Since both of the detected compounds are also detected in the VOC analysis (EPA Method 8260), we propose to discontinue SVOC sampling in all wells.

Total Metals – Concentrations of total barium (in MW-9 and MW-13), total chromium (in MW-9 and MW-10), and total lead (in MW-9) were detected above NC2L groundwater standards. It is our opinion that these concentrations (and those of other total metals) are typically naturally occurring and the result of sample turbidity and not an indicator of a release of metals from the landfill. We propose to continue to sample for total metals and to add dissolved metals analysis to the matrix for this event to confirm our assumptions.

Pesticides – A concentration of heptachlor was detected in MW-11 and a concentration of lindane was detected in MW-14. We propose to sample all wells for pesticides in August 2011 to confirm the February 2011 results and to determine if concentrations of pesticides are present in the old wells on the landfill property. Please note that groundwater monitoring well MW-11 is installed close to the foundation of the Haywood County Maintenance Garage and the detected concentration of heptachlor may be the result of treatment of the foundation or of the structure itself.

Herbicides – A concentration of silvex was detected in MW-7. No other herbicides were detected. We propose to sample all wells for herbicides in August 2011 to confirm the February 2011 results and to determine if concentrations of herbicides are present in the old wells on the landfill property. Please note that the affected well was installed on agricultural lands and also that lands formerly used as orchard are present nearby. It is possible that the detected herbicide is the result of agricultural land use and not the result of a release from the landfill.

PCBs and Sulfide – Concentrations of PCBs and sulfide were not detected in February 2011. We propose to discontinue PCB and sulfide sampling in all wells.

Cyanide – Concentrations of cyanide were detected in MW-14 and MW-15. We propose to sample all wells for cyanide in August 2011 to confirm the February 2011 results.

Water Supply Wells within 1,500 feet of the Landfill – Although it does not appear that VOCs have migrated a substantial distance from the site, Haywood County has begun a water supply well survey within 1,500 feet of the landfill. These activities have been performed by the county as a pro-active measure and in compliance with the requirements of NCAC Title 15A 13B .1634 (g) and NCAC Title 15A 13B .1635 (c). Haywood County, with the concurrence of BLE and McGill, plans to conduct sampling of water supply wells within the specified search radius as part of the August 2011 sampling event. The water supply wells will be sampled for VOCs by EPA Method 8260. The water supply well survey is currently in progress. Results to date have identified 56 properties within the search radius. Approximately 5 of these properties are believed to be serviced by private groundwater supply wells. Haywood County will complete the water supply well survey prior to the August 2011 sampling event.

Plan for Additional Assessment

In summary, the results indicate that additional assessment will be required to characterize the nature and extent of the release. Based on these data, Haywood County, McGill, and BLE have begun planning to meet the requirements of NCAC Title 15A 13B .1634 (g)(1) & (2).

Our Mr. Alexander, P.G. and Mr. Mark Cathey, P. E. of McGill attended a meeting with Mr. David Francis of Haywood County at the subject site on June 7, 2011 to identify potential locations for additional groundwater monitoring wells. Six (6) new locations designated MW-16 through MW-21 were identified (Figure 4). Mr. Francis is currently negotiating with the property owners to obtain property access and well installation agreements.

We anticipate that the proposed wells MW-16, MW-17, and MW-18 will be installed via downhole air-hammer drilling and proposed wells MW-19, MW-20, and MW-21 will be installed via hollow stem auger drilling. We propose to install the wells in general accordance with the approved assessment plan. We propose to install the wells during September and/or October 2011 with sampling to occur during the next regularly scheduled semi-annual monitoring event in February 2012. Groundwater analyses for these new wells will include the Appendix I compound list and possibly a subset of Appendix II compounds based on the results of the August 2011 monitoring event.

CLOSING

We appreciate the opportunity to work with Haywood County, McGill, and the DWM on this project. We request that the DWM review and approve the proposed new well locations and sampling plan. If the DWM has any questions or comments, please contact us at (864) 288-1265.

Sincerely,
BUNNELL-LAMMONS ENGINEERING, INC.

Andrew W. Alexander, P.G., RSM
Senior Hydrogeologist
Registered, NC No. 1475

Mark S. Preddy, P.G.
Senior Hydrogeologist
Registered, NC No. 1043

cc: Mr. Stephen King – Haywood County
Mr. David Francis – Haywood County
Mr. Jeff Bishop, P.E. – McGill Associates
Ms. Andrea Keller – NCDENR Asheville

Attachments: Tables 1 through 5
Figures 1 through 4
Appendices A through F

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TABLES

Table 1
Groundwater Monitoring Well Construction and Groundwater Elevation Data
Closed Francis Farm Landfill
Haywood County, North Carolina
Permit Number 44-03
BLE Project No. J10-1957-14

February 21, 2011															
Well	**Well Location**	**Northing (feet)**	**Easting (feet)**	**Meas. Pt. Elevation**	**Gnd. Surface Elevation**	***Depth to Water (bgs)**	**Depth to Water (bmp)**	**Water Elevation**	**Total Borehole Depth (bgs)**	**Screen Depth (bgs)**	**Screen Elevation**	**Well Type**	**Well Monitors**	**Top of Rock Depth (bgs)**	**Top of Rock Elev.**
MW-1	On-Site	662,529.13	822,317.14	2,666.59	2,663.72	>33.13	>36	<2630.59	UK	UK - UK	UK - UK	UK	UK	UK	UK
MW-1A	On-Site	662,590.73	822,083.15	2,690.88	2,687.97	45.41	48.32	2,642.56	UK	UK - UK	UK - UK	UK	UK	UK	UK
MW-2A	On-Site	662,347.08	822,814.69	2,643.78	2,640.98	23.16	25.96	2,617.82	27.0	12.0 - 27.0	2,629.0 - 2,614.0	II	PWR/BR	18.0	2,623.0
MW-3A	On-Site	661,921.62	823,026.22	2,674.29	2,671.59	38.40	41.10	2,633.19	UK	UK - UK	UK - UK	UK	UK	UK	UK
MW-4	On-Site	661,420.29	822,245.39	2,789.47	2,786.88	68.80	71.39	2,718.08	UK	UK - UK	UK - UK	UK	UK	UK	UK
MW-5	On-Site	661,286.31	822,167.91	2,797.08	2,797.37	75.33	75.04	2,722.04	94.0	73.1 - 88.1	2,724.3 - 2,709.3	II	PWR	89.0	2,708.4
Groundwater Monitoring Wells MW-6 through MW-15 Installed by BLE															
MW-6	Off-Site	662,941.12	822,167.78	2,612.63	2,613.03	6.82	6.42	2,606.21	12.5	2.3 - 12.3	2,610.7 - 2,600.7	II	Res/Collv	12.5	2,600.5
MW-7	Off-Site	662,800.72	822,584.39	2,621.33	2,621.48	8.52	8.37	2,612.96	24.0	4.0 - 19.0	2,617.5 - 2,602.5	II	Collv/Allv	NE	NE
MW-8	Off-Site	662,619.60	822,989.68	2,620.05	2,620.25	5.93	5.73	2,614.32	19.0	3.0 - 13.0	2,617.3 - 2,607.3	II	Alluvial	NE	NE
MW-9	Off-Site	662,309.84	823,295.25	2,618.67	2,619.19	2.86	2.34	2,616.33	19.0	2.0 - 12.0	2,617.2 - 2,607.2	II	Alluvial	NE	NE
MW-10	Off-Site	661,947.33	823,365.59	2,623.60	2,623.96	2.88	2.52	2,621.08	15.0	2.0 - 12.0	2,622.0 - 2,612.0	II	Alluvial	NE	NE
MW-11	On-Site	661,509.39	822,572.73	2,756.22	2,756.46	79.60	79.36	2,676.86	100.0	70.8 - 85.8	2,685.7 - 2,670.7	II	BR	71.0	2,685.5
MW-12	Off-Site	661,078.94	822,142.39	2,803.11	2,800.28	70.63	73.46	2,729.65	90.0	64.8 - 79.8	2,735.5 - 2,720.5	II	BR	64.0	2,736.3
MW-13	On-Site	661,377.43	821,791.88	2,799.14	2,799.51	84.53	84.16	2,714.98	127.0	74.0 - 89.0	2,725.5 - 2,710.5	II	PWR/BR	81.0	2,718.5
MW-14	On-Site	661,894.81	821,755.37	2,770.34	2,770.64	85.98	85.68	2,684.66	120.0	93.8 - 108.8	2,676.8 - 2,661.8	II	BR	33.0	2,737.6
MW-15	On-Site	662,338.59	821,896.86	2,719.57	2,716.89	80.96	83.64	2,635.93	163.0	75.8 - 90.8	2,641.1 - 2,626.1	II	BR	19.0	2,697.9

Notes:
All survey data provided by McGill Associates, all units in feet.
*DTW from bgs values have been calculated from survey data provided by McGill Associates.
All values shown to the nearest 0.1-ft have been rounded.
Water levels measured on 2/21/11 by Pace
MW-1, -1A, -2A, -3A, -4, -5 installed by others. MW-6 through MW-15 installed by BLE.

Measuring Point Elevation is top of casing
II = Type II well
NE = Not encountered
UK = Unknown, information is not available

BR & PWR = Bedrock & Partially Weathered Rock
Res = Residuum
Collv = Colluvium
Allv = Alluvium

Prepared by: AWA
Checked by: RAD

Table 2
Volatile Organic Compounds (VOC) Data
Closed Francis Farm Landfill
Haywood County, North Carolina
Permit Number 44-03
BLE Project No. J10-1957-14

Sampled by Pace on February 22, 2011																			
COMPOUND	**UNITS**	**MDL**	**RL**	**MCL**	**MW-1A**	**MW-2A**	**MW-3A**	**MW-4**	**MW-5**	**MW-6**	**MW-7**	**MW-8**	**MW-9**	**MW-10**	**MW-11**	**MW-12**	**MW-13**	**MW-14**	**MW-15**
Acetone	µg/l	2.2	25	6000	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	**2.3**	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2
Acrylonitrile	µg/l	1.9	10	NE	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Benzene	µg/l	0.25	1	1	<0.25	<0.25	<0.25	**15.5**	**5.1**	<0.25	**0.72**	<0.25	<0.25	<0.25	<0.25	<0.25	**5.3**	**1.3**	**0.42**
Bromochloromethane	µg/l	0.17	1	NE	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17
Bromodichloromethane	µg/l	0.18	1	0.6	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Bromoform	µg/l	0.26	1	4	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26
Carbon Disulfide	µg/l	1.2	2	700	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	**1.2**
Bromomethane (Methylbromide)	µg/l	0.29	2	NE	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
Carbon tetrachloride	µg/l	0.25	1	0.3	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Chlorobenzene (mono)	µg/l	0.23	1	50	**1.8**	<0.23	<0.23	<0.23	<0.23	<0.23	**0.93**	<0.23	<0.23	<0.23	<0.23	<0.23	**0.61**	**1.6**	<0.23
Chloroethane	µg/l	0.54	1	3000	**1.5**	<0.54	**7.3**	**3.1**	**4**	<0.54	**1.3**	<0.54	<0.54	<0.54	<0.54	<0.54	**1.3**	**1.3**	<0.54
Chloroform	µg/l	0.14	1	70	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14	<0.14
Chloromethane (Methylchloride)	µg/l	0.11	1	3	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	**0.26**
Dibromochloromethane	µg/l	0.21	1	0.4	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21
1,2-Dibromo-3-chloropropane; DBCP	µg/l	2.5	5	0.04	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5
1,2-Dibromoethane; Ethylene dibromide	µg/l	0.27	1	0.02	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27
Dibromomethane	µg/l	0.21	1	NE	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21
1,2-Dichlorobenzene	µg/l	0.3	1	20	<0.3	<0.3	**1.1**	<0.3	<0.3	<0.3	**1.4**	<0.3	<0.3	**0.33**	**4.2**	<0.3	<0.3	**104**	**3.3**
1,4-Dichlorobenzene	µg/l	0.33	1	6	<0.33	**7**	**1.2**	**4.7**	**1.3**	<0.33	**1.7**	<0.33	<0.33	<0.33	**1.4**	<0.33	**5.9**	**21.4**	**0.8**
trans-1,4-Dichloro-2-butene	µg/l	1	1	NE	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	µg/l	0.32	1	6	**1.2**	**1.4**	**17.5**	**31.9**	**12.9**	<0.32	**4.4**	<0.32	**0.34**	**3.1**	**7.5**	<0.32	**4.8**	**1.5**	**1**
1,2-Dichloroethane	µg/l	0.12	1	0.4	<0.12	<0.12	**2.8**	**2**	<0.12	<0.12	**3**	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12
1,1-Dichloroethene (-ethylene)	µg/l	0.56	1	7	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56	<0.56
cis-1,2-Dichloroethene (-ethylene)	µg/l	0.19	1	70	**1**	**5.6**	**1.6**	**34.6**	**14.4**	<0.19	**2.7**	<0.19	**0.55**	**2.3**	**10.9**	<0.19	**17.3**	**32.5**	**8.9**
trans-1,2-Dichloroethene (-ylene)	µg/l	0.49	1	100	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49	<0.49
1,2-Dichloropropane	µg/l	0.27	1	0.6	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	**0.58**	<0.27	<0.27	<0.27	**0.46**	<0.27	<0.27	<0.27	<0.27
cis-1,3-Dichloropropene (-propylene)	µg/l	0.13	1	0.4	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13
trans-1,3-Dichloropropene (-propylene)	µg/l	0.26	1	0.4	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26
Diisopropyl ether	µg/l	0.12	1	NE	NT	NT	NT	NT	NT	<0.12	**0.31**	<0.12	<0.12	<0.12	**0.31**	<0.12	**0.67**	**0.34**	**0.24**
Ethylbenzene	µg/l	0.3	1	600	<0.3	<0.3	<0.3	**1.7**	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
2-Hexanone	µg/l	0.46	5	NE	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46
Iodomethane	µg/l	0.32	5	NE	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32
Dichloromethane (Methylene chloride)	µg/l	0.97	1	5	<0.97	<0.97	<0.97	**46.6**	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97
2-Butanone (Methyl ethyl ketone)	µg/l	0.96	5	4000	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96	<0.96
4-Methyl-2-Pentanone	µg/l	0.33	5	NE	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Styrene	µg/l	0.26	1	70	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26
1,1,1,2-Tetrachloroethane	µg/l	0.33	1	NE	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
1,1,2,2-Tetrachloroethane	µg/l	0.4	1	0.2	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Tetrachloroethene (-ethylene)	µg/l	0.46	1	0.7	<0.46	<0.46	<0.46	**6.7**	**5.6**	<0.46	<0.46	<0.46	<0.46	**0.85**	**0.53**	<0.46	**2.2**	<0.46	<0.46
Toluene	µg/l	0.26	1	600	<0.26	<0.26	<0.26	**11.4**	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26
1,1,1-Trichloroethane	µg/l	0.48	1	200	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48
1,1,2-Trichloroethane	µg/l	0.29	1	200000	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29	<0.29
Trichloroethene (-ethylene)	µg/l	0.47	1	3	<0.47	<0.47	<0.47	**7**	**4.8**	<0.47	<0.47	<0.47	<0.47	**0.55**	**0.53**	<0.47	**1.7**	<0.47	<0.47
Trichlorofluoromethane	µg/l	0.2	1	2000	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
1,2,3-Trichloropropane	µg/l	0.41	1	0.005	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41	<0.41
Vinyl acetate	µg/l	0.35	2	NE	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
Vinyl chloride	µg/l	0.62	1	0.03	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	<0.62	**0.79**	<0.62	<0.62
M&P Xylene	µg/l	0.66	2	500	<0.66	<0.66	<0.66	**8.4**	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66
O Xylene	µg/l	0.23	1	500	<0.23	<0.23	<0.23	**4.2**	**2.3**	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	**8.8**	<0.23	<0.23
Dichlorodifluormethane	µg/l	0.21	1	1000	NT	NT	NT	NT	NT	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21
Total VOCs	µg/l	NE	NE	NE	**5.5**	**14.0**	**31.5**	**177.8**	**50.4**	**ND**	**19.3**	**ND**	**0.9**	**7.1**	**25.8**	**ND**	**49.4**	**163.9**	**16.1**

Notes:
MDL = Laboratory Method Detection Limit
RL = Laboratory Report Limit
MCL = Maximum Contaminant Level, as established in the NCDENR, Classifications of Water Quality Standards Applicable to Groundwaters of North Carolina, Section 15A NCAC 2L.202.
Refer to the laboratory data sheets for detected concentrations which are J values (estimated values above MDL but below RL).

NT = Not Tested
NE = Not Established; North Carolina has not established a MCL
Shaded cells indicated exceedances of MCLs.
Samples collected by Pace on February 22, 2011
Analysis by EPA Method 8260

Prepared by: AWA
Checked by: MLT

Table 3
Semi Volatile Organic Compounds (SVOC), Pesticides, Herbicides, PCBs, Sulfide, & Cyanide
Closed Francis Farm Landfill
Haywood County, North Carolina
Permit Number 44-03
BLE Project No. J10-1957-14

Sampled by Pace on February 22, 2011																				
CLASS -- COMPOUND	**Method**	**UNITS**	**MDL**	**RL**	**MCL**	**MW-1A**	**MW-2A**	**MW-3A**	**MW-4**	**MW-5**	**MW-6**	**MW-7**	**MW-8**	**MW-9**	**MW-10**	**MW-11**	**MW-12**	**MW-13**	**MW-14**	**MW-15**
Pesticides -- Heptachlor	EPA 8081	µg/l	0.0015	0.01	0.008	NT	NT	NT	NT	NT	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	**0.079**	<0.0015	<0.0015	<0.0015	<0.0015
Pesticides -- Lindane	EPA 8081	µg/l	0.0002	0.01	0.03	NT	NT	NT	NT	NT	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	**0.027**	<0.0002
Pesticides -- All Other	EPA 8081	µg/l	NA	NA	NA	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCBs	EPA 8082	µg/l	0.59	0.59	NA	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Herbicides -- Silvex	EPA 8151	µg/l	0.049	2	50	NT	NT	NT	NT	NT	<0.049	**0.078**	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049	<0.049
Herbicides -- All Other	EPA 8151	µg/l	NA	NA	NA	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs -- 1,2-Dichlorobenzene	EPA 8270	µg/l	0.88	10	20	NT	NT	NT	NT	NT	<0.88	<0.88	<0.88	<0.88	<0.88	**1.8**	<0.88	<0.88	**42.2**	**1.2**
SVOCs -- 1,4-Dichlorobenzene	EPA 8270	µg/l	0.95	10	6	NT	NT	NT	NT	NT	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	**2.4**	**9.6**	<0.95
SVOCs -- All Other	EPA 8270	µg/l	NA	NA	NA	NT	NT	NT	NT	NT	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sulfide	SM 4500-S2D	mg/l	0.1	0.1	NE	NT	NT	NT	NT	NT	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Cyanide	SM 4500-CN-E	mg/l	0.005	0.005	0.07	NT	NT	NT	NT	NT	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	**0.0067**	**0.0086**

Notes:
MDL = Laboratory Method Detection Limit
RL = Laboratory Report Limit
MCL = Maximum Contaminant Level, as established in the NCDENR, Classifications of Water Quality Standards Applicable to Groundwaters of North Carolina, Section 15A NCAC 2L.202.
NA = Not Applicable
NT = Not Tested
NE = Not Established; North Carolina has not established a MCL
ND = Not Detected
Shaded cells indicated exceedances of MCLs.
Refer to the laboratory data sheets for detected concentrations which are J values (estimated values above MDL but below RL).
Samples collected by Pace on February 22, 2011

Prepared by: AWA
Checked by: MLT

Table 4
Total Metals Data
Closed Francis Farm Landfill
Haywood County, North Carolina
Permit Number 44-03
BLE Project No. J10-1957-14

Sampled by Pace on February 22, 2011																			
TEST	**UNITS**	**MDL**	**RL**	**MCL**	**MW-1A**	**MW-2A**	**MW-3A**	**MW-4**	**MW-5**	**MW-6**	**MW-7**	**MW-8**	**MW-9**	**MW-10**	**MW-11**	**MW-12**	**MW-13**	**MW-14**	**MW-15**
Total Antimony (Sb)	µg/l	2.6	5	NE	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**5.1**	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Total Arsenic (As)	µg/l	2.7	5	10	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**5.8**	<5.0	**5.3**	<5.0	<5.0	<5.0	**3.9**
Total Barium (Ba)	µg/l	0.2	5	700	**171**	**191**	**241**	**163**	**237**	**54**	**213**	**72.8**	**1190**	**193**	**138**	**197**	**977**	**309**	**68.7**
Total Beryllium (Be)	µg/l	0.1	1	NE	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**0.19**	<1.0	**3.6**	**0.51**	<1.0	<1.0	<1.0	<1.0	<1.0
Total Cadmium (Cd)	µg/l	0.5	1	2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Total Chromium (Cr)	µg/l	0.4	5	10	<5.0	<5.0	<5.0	<5.0	<5.0	**2.5**	**3.7**	**6.3**	**161**	**17.6**	**1.7**	**8.1**	**1.8**	**3.7**	**2.4**
Total Cobalt (Co)	µg/l	0.6	5	NE	**10.5**	**55.5**	**110**	**13.5**	**16.8**	**1.3**	**5.4**	<5.0	**40.5**	**5.2**	**9.4**	**9.8**	**3.2**	**6.1**	**2.6**
Total Copper (Cu)	µg/l	0.3	5	1,000	<5.0	<5.0	**5.1**	<5.0	**155**	**1.1**	**2.4**	**2.3**	**64.3**	**10.7**	<5.0	**3.2**	<5.0	<5.0	<5.0
Total Lead (Pb)	µg/l	4	5	15	<5.0	<5.0	<5.0	<5.0	**7.2**	<5.0	<5.0	<5.0	**16.2**	**6.3**	<5.0	<5.0	<5.0	<5.0	<5.0
Total Mercury (Hg)	µg/l	0.1	0.2	1	NT	NT	NT	NT	NT	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Total Nickel (Ni)	µg/l	1.7	5	100	<5.0	<5.0	**39**	**5**	**5.4**	**8**	<5.0	**4.2**	**97.3**	**8.4**	<5.0	**7.6**	**15.9**	**7.5**	<5.0
Total Selenium (Se)	µg/l	3.8	10	20	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
Total Silver (Ag)	µg/l	0.1	5	20	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**0.11**	<5.0	<5.0	<5.0	**0.34**	<5.0	**0.37**	**0.12**	**0.45**
Total Thallium (Tl)	µg/l	3	5.4	NE	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	**4.3**	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4
Total Vanadium (V)	µg/l	0.2	5	NE	<5.0	<5.0	<5.0	**6.1**	<5.0	**2.6**	**4.3**	**5.6**	**205**	**22.8**	<5.0	**7.8**	<5.0	**0.38**	**0.73**
Total Zinc (Zn)	µg/l	0.4	10	1,000	<10.0	<10.0	<10.0	**30.7**	**90.4**	**5.1**	**19.8**	**7.7**	**162**	**36.7**	**10.3**	**26.5**	**0.71**	**16**	**5.6**

Notes:
MDL = Laboratory Method Detection Limit
RL = Laboratory Report Limit
MCL = Maximum Contaminant Level, as established in the NCDENR, Classifications of Water Quality Standards Applicable to Groundwaters of North Carolina, Section 15A NCAC 2L.202.
NT = Not Tested
NE = Not Established; North Carolina has not established a MCL
Shaded cells indicated exceedances of MCLs.
Refer to the laboratory data sheets for detected concentrations which are J values (estimated values above MDL but below RL).
Samples collected by Pace on February 22, 2011
Analysis by EPA Methods 6010 & 7470

Prepared by: AWA
Checked by: MLT

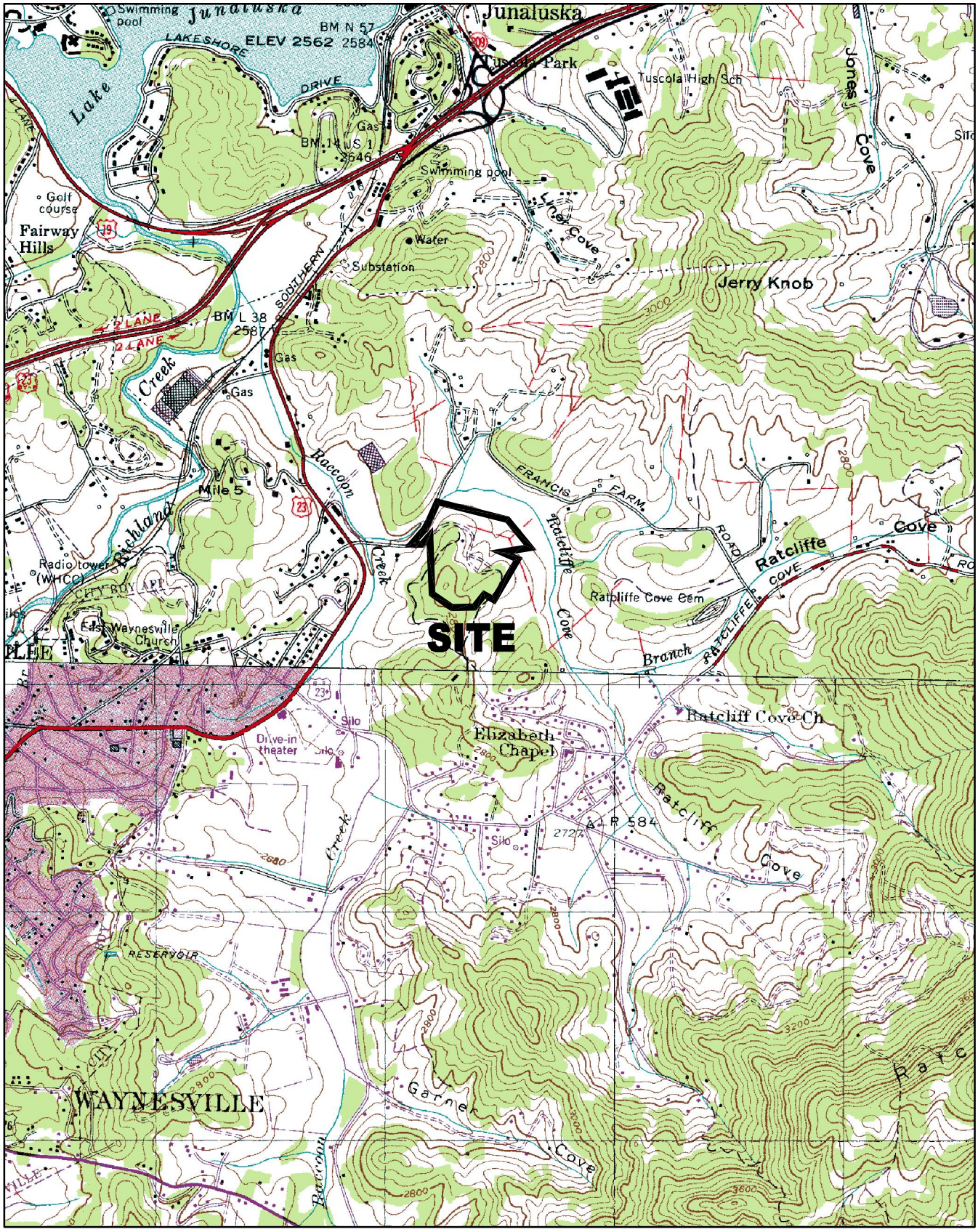
Table 5
Proposed Groundwater Sampling Matrix -- August 2011
Closed Francis Farm Landfill
Haywood County, North Carolina
Permit Number 44-03
BLE Project No. J10-1957-14

Well	VOCs EPA 8260	SVOCs EPA 8270	Total Metals EPA 6010/7470	Dissolved Metals EPA 6010/7470	Pesticides EPA 8081	Herbicides EPA 8151	PCBs EPA 8082	Sulfide SM 4500-S2D	Cyanide SM 4500-CN-E
MW-1	No	No	No	No	No	No	No	No	No
MW-1A	Yes	No	Yes	Yes	Yes	Yes	No	No	Yes
MW-2A	Yes	No	Yes	Yes	Yes	Yes	No	No	Yes
MW-3A	Yes	No	Yes	Yes	Yes	Yes	No	No	Yes
MW-4	Yes	No	Yes	Yes	Yes	Yes	No	No	Yes
MW-5	Yes	No	Yes	Yes	Yes	Yes	No	No	Yes
MW-6	Yes	No	Yes	Yes	Yes	Yes	No	No	Yes
MW-7	Yes	No	Yes	Yes	Yes	Yes	No	No	Yes
MW-8	Yes	No	Yes	Yes	Yes	Yes	No	No	Yes
MW-9	Yes	No	Yes	Yes	Yes	Yes	No	No	Yes
MW-10	Yes	No	Yes	Yes	Yes	Yes	No	No	Yes
MW-11	Yes	No (3)	Yes	Yes	Yes	Yes	No	No	Yes
MW-12	Yes	No	Yes	Yes	Yes	Yes	No	No	Yes
MW-13	Yes	No (3)	Yes	Yes	Yes	Yes	No	No	Yes
MW-14	Yes	No (3)	Yes	Yes	Yes	Yes	No	No	Yes
MW-15	Yes	No (3)	Yes	Yes	Yes	Yes	No	No	Yes

Notes:
(1) MW-1 is typically dry and cannot be sampled
(2) Analyses listed as "**No**" were not detected in during the February 2011 sampling event
(3) The SVOCs detected in MW-11, -13, -14, and -15 were also detected by the VOC analyses; therefore SVOC analyses are not required
(4) VOCs = Volatile Organic Compounds
(5) SVOCs = Semi-Volatile Organic Compounds
(6) EPA or SM #### = Environmental Protection Agency or Standard Method analysis method code
(7) Dissolved Metals will be filtered in the laboratory

Prepared by: AWA
Checked by: MSP

FIGURES

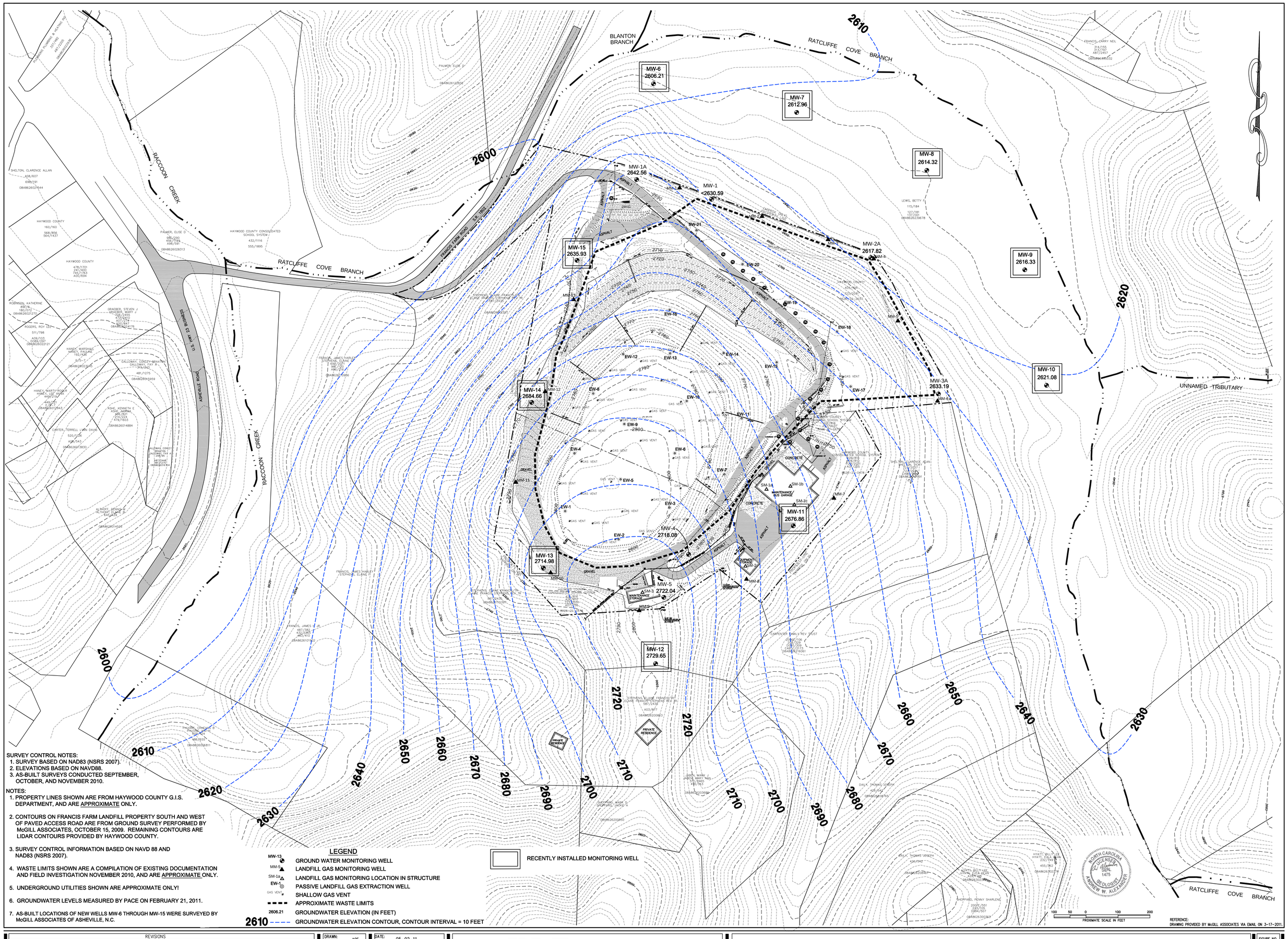


2000 1000 0 2000 4000

APPROXIMATE SCALE IN FEET

REFERENCE:
USGS TOPOGRAPHIC MAP, 7.5 MINUTE SERIES, CLYDE AND WAYNESVILLE, N.C. QUADRANGLES, 1978 AND PHOTOREVISED 1979.

DRAWN: ACE	DATE: 06-30-11	BLE INC. BUNNELL-LAMMONS ENGINEERING, INC. 6004 PONDERS COURT GREENVILLE, SOUTH CAROLINA 29615 PHONE: (864)288-1265 FAX: (864)288-4430	SITE LOCATION MAP CLOSED FRANCIS FARM LANDFILL HAYWOOD COUNTY, NORTH CAROLINA	FIGURE
CHECKED: AWA	CAD: HCFFLF14-SLM			1
APPROVED:	JOB NO: J10-1957-14			



SURVEY CONTROL NOTES:
1. SURVEY BASED ON NAD83 (NSRS 2007).
2. ELEVATIONS BASED ON NAVD88.
3. AS-BUILT SURVEYS CONDUCTED SEPTEMBER, OCTOBER, AND NOVEMBER 2010.

NOTES:
1. PROPERTY LINES SHOWN ARE FROM HAYWOOD COUNTY G.I.S. DEPARTMENT, AND ARE APPROXIMATE ONLY.
2. CONTOURS ON FRANCIS FARM LANDFILL PROPERTY SOUTH AND WEST OF PAVED ACCESS ROAD ARE FROM GROUND SURVEY PERFORMED BY McGILL ASSOCIATES, OCTOBER 15, 2009. REMAINING CONTOURS ARE LIDAR CONTOURS PROVIDED BY HAYWOOD COUNTY.
3. SURVEY CONTROL INFORMATION BASED ON NAVD 88 AND NAD83 (NSRS 2007).
4. WASTE LIMITS SHOWN ARE A COMPILATION OF EXISTING DOCUMENTATION AND FIELD INVESTIGATION NOVEMBER 2010, AND ARE APPROXIMATE ONLY.
5. UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE ONLY!
6. GROUNDWATER LEVELS MEASURED BY PACE ON FEBRUARY 21, 2011.
7. AS-BUILT LOCATIONS OF NEW WELLS MW-6 THROUGH MW-15 WERE SURVEYED BY McGILL ASSOCIATES OF ASHEVILLE, N.C.

LEGEND

MW-13	GROUND WATER MONITORING WELL
MM-5	LANDFILL GAS MONITORING WELL
SM-1a	LANDFILL GAS MONITORING LOCATION IN STRUCTURE
EW-1	PASSIVE LANDFILL GAS EXTRACTION WELL
GAS VENT	SHALLOW GAS VENT
	APPROXIMATE WASTE LIMITS
2606.21	GROUNDWATER ELEVATION (IN FEET)
2610	GROUNDWATER ELEVATION CONTOUR, CONTOUR INTERVAL = 10 FEET
	RECENTLY INSTALLED MONITORING WELL

100 50 0 100 200
PROXIMATE SCALE IN FEET

REFERENCE:
DRAWING PROVIDED BY McGILL ASSOCIATES VIA EMAIL ON 3-17-2011.

REVISIONS		
No.	DESCRIPTION	BY

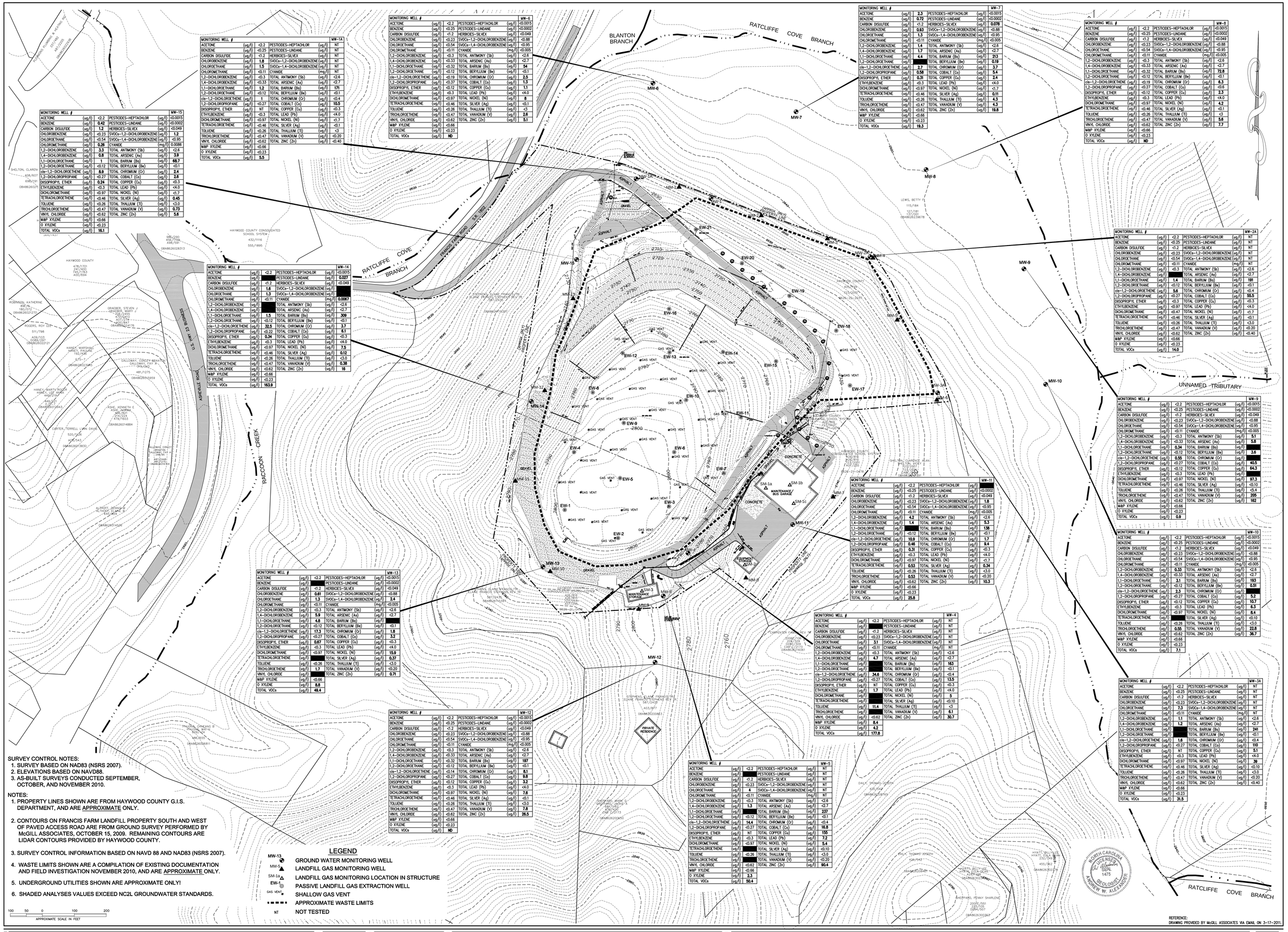
DRAWN: ACE
CHECKED: AWA
APPROVED:

DATE: 05-02-11
CAD FILE: HCFFLF-14WTM022011WI
JOB NO: J10-1957-14

BLE INC.
BUNNELL-LAMMONS ENGINEERING, INC.
6004 PONDERS COURT
GREENVILLE, SOUTH CAROLINA 29615
PHONE: (864)288-2358 FAX: (864)288-4430

GROUNDWATER ELEVATION CONTOUR MAP – FEBRUARY 21, 2011
CLOSED FRANCIS FARM LANDFILL
HAYWOOD COUNTY, NORTH CAROLINA

FIGURE NO.
2



MONITORING WELL #		MW-1A
ACETONE	(ug/l)	<2.2
BENZENE	(ug/l)	<0.25
CARBON DISULFIDE	(ug/l)	<1.2
CHLOROBENZENE	(ug/l)	1.8
CHLOROETHANE	(ug/l)	1.5
CHLOROMETHANE	(ug/l)	<0.11
1,2-DICHLOROBENZENE	(ug/l)	<0.3
1,4-DICHLOROBENZENE	(ug/l)	<0.33
1,1-DICHLOROETHANE	(ug/l)	1.2
1,2-DICHLOROETHANE	(ug/l)	<0.12
cis-1,2-DICHLOROETHENE	(ug/l)	1
1,2-DICHLOROPROPANE	(ug/l)	<0.27
DISOPROPYL ETHER	(ug/l)	NT
ETHYLBENZENE	(ug/l)	<0.3
DICHLOROMETHANE	(ug/l)	<0.97
TETRACHLOROETHENE	(ug/l)	<0.46
TOLUENE	(ug/l)	<0.26
TRICHLOROETHENE	(ug/l)	<0.47
VINYL CHLORIDE	(ug/l)	<0.62
M&P XYLENE	(ug/l)	<0.66
O XYLENE	(ug/l)	<0.23
TOTAL VOCs	(ug/l)	5.5

MONITORING WELL #		MW-6
ACETONE	(ug/l)	<2.2
BENZENE	(ug/l)	<0.25
CARBON DISULFIDE	(ug/l)	<1.2
CHLOROBENZENE	(ug/l)	<0.23
CHLOROETHANE	(ug/l)	<0.54
CHLOROMETHANE	(ug/l)	<0.11
1,2-DICHLOROBENZENE	(ug/l)	<0.3
1,4-DICHLOROBENZENE	(ug/l)	<0.33
1,1-DICHLOROETHANE	(ug/l)	<0.32
1,2-DICHLOROETHANE	(ug/l)	<0.12
cis-1,2-DICHLOROETHENE	(ug/l)	<0.19
1,2-DICHLOROPROPANE	(ug/l)	<0.37
DISOPROPYL ETHER	(ug/l)	<0.12
ETHYLBENZENE	(ug/l)	<0.3
DICHLOROMETHANE	(ug/l)	<0.97
TETRACHLOROETHENE	(ug/l)	<0.46
TOLUENE	(ug/l)	<0.26
TRICHLOROETHENE	(ug/l)	<0.47
VINYL CHLORIDE	(ug/l)	<0.62
M&P XYLENE	(ug/l)	<0.66
O XYLENE	(ug/l)	<0.23
TOTAL VOCs	(ug/l)	ND

MONITORING WELL #		MW-7
ACETONE	(ug/l)	2.3
BENZENE	(ug/l)	0.72
CARBON DISULFIDE	(ug/l)	<1.2
CHLOROBENZENE	(ug/l)	0.93
CHLOROETHANE	(ug/l)	1.3
CHLOROMETHANE	(ug/l)	<0.11
1,2-DICHLOROBENZENE	(ug/l)	1.4
1,4-DICHLOROBENZENE	(ug/l)	1.7
1,1-DICHLOROETHANE	(ug/l)	4.4
1,2-DICHLOROETHANE	(ug/l)	
cis-1,2-DICHLOROETHENE	(ug/l)	2.7
1,2-DICHLOROPROPANE	(ug/l)	0.58
DISOPROPYL ETHER	(ug/l)	0.31
ETHYLBENZENE	(ug/l)	<0.3
DICHLOROMETHANE	(ug/l)	<0.97
TETRACHLOROETHENE	(ug/l)	<0.46
TOLUENE	(ug/l)	<0.26
TRICHLOROETHENE	(ug/l)	<0.47
VINYL CHLORIDE	(ug/l)	<0.62
M&P XYLENE	(ug/l)	<0.66
O XYLENE	(ug/l)	<0.23
TOTAL VOCs	(ug/l)	19.3

MONITORING WELL #		MW-8
ACETONE	(ug/l)	<2.2
BENZENE	(ug/l)	<0.25
CARBON DISULFIDE	(ug/l)	<1.2
CHLOROBENZENE	(ug/l)	<0.23
CHLOROETHANE	(ug/l)	<0.54
CHLOROMETHANE	(ug/l)	<0.11
1,2-DICHLOROBENZENE	(ug/l)	<0.3
1,4-DICHLOROBENZENE	(ug/l)	<0.33
1,1-DICHLOROETHANE	(ug/l)	<0.32
1,2-DICHLOROETHANE	(ug/l)	<0.12
cis-1,2-DICHLOROETHENE	(ug/l)	<0.19
1,2-DICHLOROPROPANE	(ug/l)	<0.27
DISOPROPYL ETHER	(ug/l)	<0.12
ETHYLBENZENE	(ug/l)	<0.3
DICHLOROMETHANE	(ug/l)	<0.97
TETRACHLOROETHENE	(ug/l)	<0.46
TOLUENE	(ug/l)	<0.26
TRICHLOROETHENE	(ug/l)	<0.47
VINYL CHLORIDE	(ug/l)	<0.62
M&P XYLENE	(ug/l)	<0.66
O XYLENE	(ug/l)	<0.23
TOTAL VOCs	(ug/l)	ND

MONITORING WELL #		MW-15
ACETONE	(ug/l)	<2.2
BENZENE	(ug/l)	0.42
CARBON DISULFIDE	(ug/l)	1.2
CHLOROBENZENE	(ug/l)	<0.23
CHLOROETHANE	(ug/l)	<0.54
CHLOROMETHANE	(ug/l)	0.26
1,2-DICHLOROBENZENE	(ug/l)	3.3
1,4-DICHLOROBENZENE	(ug/l)	0.8
1,1-DICHLOROETHANE	(ug/l)	1
1,2-DICHLOROETHANE	(ug/l)	<0.12
cis-1,2-DICHLOROETHENE	(ug/l)	8.9
1,2-DICHLOROPROPANE	(ug/l)	<0.27
DISOPROPYL ETHER	(ug/l)	0.24
ETHYLBENZENE	(ug/l)	<0.3
DICHLOROMETHANE	(ug/l)	<0.97
TETRACHLOROETHENE	(ug/l)	0.45
TOLUENE	(ug/l)	<0.26
TRICHLOROETHENE	(ug/l)	0.73
VINYL CHLORIDE	(ug/l)	5.8
M&P XYLENE	(ug/l)	<0.66
O XYLENE	(ug/l)	<0.23
TOTAL VOCs	(ug/l)	16.1

MONITORING WELL #		MW-14
ACETONE	(ug/l)	<2.2
BENZENE	(ug/l)	
CARBON DISULFIDE	(ug/l)	<1.2
CHLOROBENZENE	(ug/l)	1.6
CHLOROETHANE	(ug/l)	1.3
CHLOROMETHANE	(ug/l)	<0.11
1,2-DICHLOROBENZENE	(ug/l)	
1,4-DICHLOROBENZENE	(ug/l)	
1,1-DICHLOROETHANE	(ug/l)	1.5
1,2-DICHLOROETHANE	(ug/l)	<0.12
cis-1,2-DICHLOROETHENE	(ug/l)	32.5
1,2-DICHLOROPROPANE	(ug/l)	<0.22
DISOPROPYL ETHER	(ug/l)	0.34
ETHYLBENZENE	(ug/l)	<0.3
DICHLOROMETHANE	(ug/l)	<0.97
TETRACHLOROETHENE	(ug/l)	<0.46
TOLUENE	(ug/l)	<0.26
TRICHLOROETHENE	(ug/l)	<0.47
VINYL CHLORIDE	(ug/l)	<0.62
M&P XYLENE	(ug/l)	<0.66
O XYLENE	(ug/l)	<0.23
TOTAL VOCs	(ug/l)	163.9

MONITORING WELL #		MW-2A
ACETONE	(ug/l)	<2.2
BENZENE	(ug/l)	<0.25
CARBON DISULFIDE	(ug/l)	<1.2
CHLOROBENZENE	(ug/l)	<0.23
CHLOROETHANE	(ug/l)	<0.54
CHLOROMETHANE	(ug/l)	<0.11
1,2-DICHLOROBENZENE	(ug/l)	<0.3
1,4-DICHLOROBENZENE	(ug/l)	<0.33
1,1-DICHLOROETHANE	(ug/l)	1.4
1,2-DICHLOROETHANE	(ug/l)	<0.12
cis-1,2-DICHLOROETHENE	(ug/l)	5.6
1,2-DICHLOROPROPANE	(ug/l)	<0.27
DISOPROPYL ETHER	(ug/l)	<0.3
ETHYLBENZENE	(ug/l)	<0.97
DICHLOROMETHANE	(ug/l)	<0.47
TETRACHLOROETHENE	(ug/l)	<0.46
TOLUENE	(ug/l)	<0.26
TRICHLOROETHENE	(ug/l)	<0.47
VINYL CHLORIDE	(ug/l)	<0.62
M&P XYLENE	(ug/l)	<0.66
O XYLENE	(ug/l)	<0.23
TOTAL VOCs	(ug/l)	14.0

MONITORING WELL #		MW-9
ACETONE	(ug/l)	<2.2
BENZENE	(ug/l)	<0.25
CARBON DISULFIDE	(ug/l)	<1.2
CHLOROBENZENE	(ug/l)	<0.23
CHLOROETHANE	(ug/l)	<0.54
CHLOROMETHANE	(ug/l)	<0.11
1,2-DICHLOROBENZENE	(ug/l)	<0.3
1,4-DICHLOROBENZENE	(ug/l)	<0.33
1,1-DICHLOROETHANE	(ug/l)	5.8
1,2-DICHLOROETHANE	(ug/l)	0.34
cis-1,2-DICHLOROETHENE	(ug/l)	0.55
1,2-DICHLOROPROPANE	(ug/l)	<0.27
DISOPROPYL ETHER	(ug/l)	<0.12
ETHYLBENZENE	(ug/l)	<0.3
DICHLOROMETHANE	(ug/l)	<0.97
TETRACHLOROETHENE	(ug/l)	<0.46
TOLUENE	(ug/l)	<0.26
TRICHLOROETHENE	(ug/l)	<0.47
VINYL CHLORIDE	(ug/l)	<0.62
M&P XYLENE	(ug/l)	<0.66
O XYLENE	(ug/l)	<0.23
TOTAL VOCs	(ug/l)	0.9

MONITORING WELL #		MW-11
ACETONE	(ug/l)	<2.2
BENZENE	(ug/l)	<0.25
CARBON DISULFIDE	(ug/l)	<1.2
CHLOROBENZENE	(ug/l)	1.8
CHLOROETHANE	(ug/l)	<0.54
CHLOROMETHANE	(ug/l)	<0.11
1,2-DICHLOROBENZENE	(ug/l)	4.2
1,4-DICHLOROBENZENE	(ug/l)	1.4
1,1-DICHLOROETHANE	(ug/l)	
1,2-DICHLOROETHANE	(ug/l)	<0.12
cis-1,2-DICHLOROETHENE	(ug/l)	10.9
1,2-DICHLOROPROPANE	(ug/l)	0.46
DISOPROPYL ETHER	(ug/l)	0.31
ETHYLBENZENE	(ug/l)	<0.3
DICHLOROMETHANE	(ug/l)	<0.97
TETRACHLOROETHENE	(ug/l)	0.53
TOLUENE	(ug/l)	<0.26
TRICHLOROETHENE	(ug/l)	0.53
VINYL CHLORIDE	(ug/l)	<0.62
M&P XYLENE	(ug/l)	<0.66
O XYLENE	(ug/l)	<0.23
TOTAL VOCs	(ug/l)	25.8

MONITORING WELL #		MW-10
ACETONE	(ug/l)	<2.2
BENZENE	(ug/l)	<0.25
CARBON DISULFIDE	(ug/l)	<1.2
CHLOROBENZENE	(ug/l)	<0.23
CHLOROETHANE	(ug/l)	<0.54
CHLOROMETHANE	(ug/l)	<0.11
1,2-DICHLOROBENZENE	(ug/l)	0.33
1,4-DICHLOROBENZENE	(ug/l)	<0.33
1,1-DICHLOROETHANE	(ug/l)	3.1
1,2-DICHLOROETHANE	(ug/l)	<0.12
cis-1,2-DICHLOROETHENE	(ug/l)	2.3
1,2-DICHLOROPROPANE	(ug/l)	<0.27
DISOPROPYL ETHER	(ug/l)	<0.12
ETHYLBENZENE	(ug/l)	<0.3
DICHLOROMETHANE	(ug/l)	<0.97
TETRACHLOROETHENE	(ug/l)	
TOLUENE	(ug/l)	<0.26
TRICHLOROETHENE	(ug/l)	0.55
VINYL CHLORIDE	(ug/l)	<0.62
M&P XYLENE	(ug/l)	<0.66
O XYLENE	(ug/l)	<0.23
TOTAL VOCs	(ug/l)	10.3

MONITORING WELL #		MW-13
ACETONE	(ug/l)	<2.2
BENZENE	(ug/l)	
CARBON DISULFIDE	(ug/l)	<1.2
CHLOROBENZENE	(ug/l)	0.61
CHLOROETHANE	(ug/l)	1.3
CHLOROMETHANE	(ug/l)	<0.11
1,2-DICHLOROBENZENE	(ug/l)	<0.3
1,4-DICHLOROBENZENE	(ug/l)	5.9
1,1-DICHLOROETHANE	(ug/l)	4.8
1,2-DICHLOROETHANE	(ug/l)	<0.12
cis-1,2-DICHLOROETHENE	(ug/l)	17.3
1,2-DICHLOROPROPANE	(ug/l)	<0.27
DISOPROPYL ETHER	(ug/l)	0.67
ETHYLBENZENE	(ug/l)	<0.3
DICHLOROMETHANE	(ug/l)	<0.97
TETRACHLOROETHENE	(ug/l)	
TOLUENE	(ug/l)	<0.26
TRICHLOROETHENE	(ug/l)	1.7
VINYL CHLORIDE	(ug/l)	
M&P XYLENE	(ug/l)	<0.66
O XYLENE	(ug/l)	8.8
TOTAL VOCs	(ug/l)	49.4

MONITORING WELL #		MW-12
ACETONE	(ug/l)	<2.2
BENZENE	(ug/l)	<0.25
CARBON DISULFIDE	(ug/l)	<1.2
CHLOROBENZENE	(ug/l)	<0.23
CHLOROETHANE	(ug/l)	<0.54
CHLOROMETHANE	(ug/l)	<0.11
1,2-DICHLOROBENZENE	(ug/l)	<0.3
1,4-DICHLOROBENZENE	(ug/l)	<0.33
1,1-DICHLOROETHANE	(ug/l)	<0.32
1,2-DICHLOROETHANE	(ug/l)	<0.12
cis-1,2-DICHLOROETHENE	(ug/l)	<0.14
1,2-DICHLOROPROPANE	(ug/l)	<0.27
DISOPROPYL ETHER	(ug/l)	<0.12
ETHYLBENZENE	(ug/l)	<0.3
DICHLOROMETHANE	(ug/l)	<0.97
TETRACHLOROETHENE	(ug/l)	<0.46
TOLUENE	(ug/l)	<0.26
TRICHLOROETHENE	(ug/l)	<0.47
VINYL CHLORIDE	(ug/l)	<0.62
M&P XYLENE	(ug/l)	<0.66
O XYLENE	(ug/l)	<0.23
TOTAL VOCs	(ug/l)	ND

MONITORING WELL #		MW-4
ACETONE	(ug/l)	<2.2
BENZENE	(ug/l)	
CARBON DISULFIDE	(ug/l)	<1.2
CHLOROBENZENE	(ug/l)	3.1
CHLOROETHANE	(ug/l)	<0.11
CHLOROMETHANE	(ug/l)	<0.3
1,2-DICHLOROBENZENE	(ug/l)	4.7
1,4-DICHLOROBENZENE	(ug/l)	
1,1-DICHLOROETHANE	(ug/l)	
1,2-DICHLOROETHANE	(ug/l)	34.6
cis-1,2-DICHLOROETHENE	(ug/l)	<0.27
1,2-DICHLOROPROPANE	(ug/l)	NT
DISOPROPYL ETHER	(ug/l)	1.7
ETHYLBENZENE	(ug/l)	
DICHLOROMETHANE	(ug/l)	
TETRACHLOROETHENE	(ug/l)	
TOLUENE	(ug/l)	11.4
TRICHLOROETHENE	(ug/l)	
VINYL CHLORIDE	(ug/l)	<0.62
M&P XYLENE	(ug/l)	8.4
O XYLENE	(ug/l)	4.2
TOTAL VOCs	(ug/l)	177.8

MONITORING WELL #		MW-3A
ACETONE	(ug/l)	<2.2
BENZENE	(ug/l)	<0.25
CARBON DISULFIDE	(ug/l)	<1.2
CHLOROBENZENE	(ug/l)	<0.23
CHLOROETHANE	(ug/l)	7.3
CHLOROMETHANE	(ug/l)	<0.11
1,2-DICHLOROBENZENE	(ug/l)	1.1
1,4-DICHLOROBENZENE	(ug/l)	1.2
1,1-DICHLOROETHANE	(ug/l)	
1,2-DICHLOROETHANE	(ug/l)	
cis-1,2-DICHLOROETHENE	(ug/l)	1.6
1,2-DICHLOROPROPANE	(ug/l)	<0.27
DISOPROPYL ETHER	(ug/l)	NT
ETHYLBENZENE	(ug/l)	<0.3
DICHLOROMETHANE	(ug/l)	<0.97
TETRACHLOROETHENE	(ug/l)	<0.46
TOLUENE	(ug/l)	<0.26
TRICHLOROETHENE	(ug/l)	<0.47
VINYL CHLORIDE	(ug/l)	<0.62
M&P XYLENE	(ug/l)	<0.66
O XYLENE	(ug/l)	<0.23
TOTAL VOCs	(ug/l)	31.5

MONITORING WELL #		MW-5
ACETONE	(ug/l)	<2.2
BENZENE	(ug/l)	
CARBON DISULFIDE	(ug/l)	<1.2
CHLOROBENZENE	(ug/l)	<0.23
CHLOROETHANE	(ug/l)	4
CHLOROMETHANE	(ug/l)	<0.11
1,2-DICHLOROBENZENE	(ug/l)	<0.3
1,4-DICHLOROBENZENE	(ug/l)	1.3
1,1-DICHLOROETHANE	(ug/l)	
1,2-DICHLOROETHANE	(ug/l)	<0.12
cis-1,2-DICHLOROETHENE	(ug/l)	14.4
1,2-DICHLOROPROPANE	(ug/l)	<0.27
DISOPROPYL ETHER	(ug/l)	NT
ETHYLBENZENE	(ug/l)	<0.3
DICHLOROMETHANE	(ug/l)	<0.97
TETRACHLOROETHENE	(ug/l)	
TOLUENE	(ug/l)	<0.26
TRICHLOROETHENE	(ug/l)	
VINYL CHLORIDE	(ug/l)	<0.62
M&P XYLENE	(ug/l)	<0.66
O XYLENE	(ug/l)	2.3
TOTAL VOCs	(ug/l)	50.4

SURVEY CONTROL NOTES:
1. SURVEY BASED ON NAD83 (NSRS 2007).
2. ELEVATIONS BASED ON NAVD88.
3. AS-BUILT SURVEYS CONDUCTED SEPTEMBER, OCTOBER, AND NOVEMBER 2010.

NOTES:
1. PROPERTY LINES SHOWN ARE FROM HAYWOOD COUNTY G.I.S. DEPARTMENT, AND ARE APPROXIMATE ONLY.
2. CONTOURS ON FRANCIS FARM LANDFILL PROPERTY SOUTH AND WEST OF PAVED ACCESS ROAD ARE FROM GROUND SURVEY PERFORMED BY McGILL ASSOCIATES, OCTOBER 15, 2009. REMAINING CONTOURS ARE LIDAR CONTOURS PROVIDED BY HAYWOOD COUNTY.
3. SURVEY CONTROL INFORMATION BASED ON NAVD 88 AND NAD83 (NSRS 2007).
4. WASTE LIMITS SHOWN ARE A COMPILATION OF EXISTING DOCUMENTATION AND FIELD INVESTIGATION NOVEMBER 2010, AND ARE APPROXIMATE ONLY.
5. UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE ONLY!
6. SHADED ANALYSES VALUES EXCEED NC2L GROUNDWATER STANDARDS.

LEGEND

MW-13	GROUND WATER MONITORING WELL
MM-4	LANDFILL GAS MONITORING WELL
SM-1a	LANDFILL GAS MONITORING LOCATION IN STRUCTURE
EW-8	PASSIVE LANDFILL GAS EXTRACTION WELL
GAS VENT	SHALLOW GAS VENT
	APPROXIMATE WASTE LIMITS
NT	NOT TESTED

100 50 0 100 200
APPROXIMATE SCALE IN FEET

REFERENCE:
DRAWING PROVIDED BY McGILL ASSOCIATES VIA EMAIL ON 3-17-2011.

REVISIONS		
No.	DESCRIPTION	BY

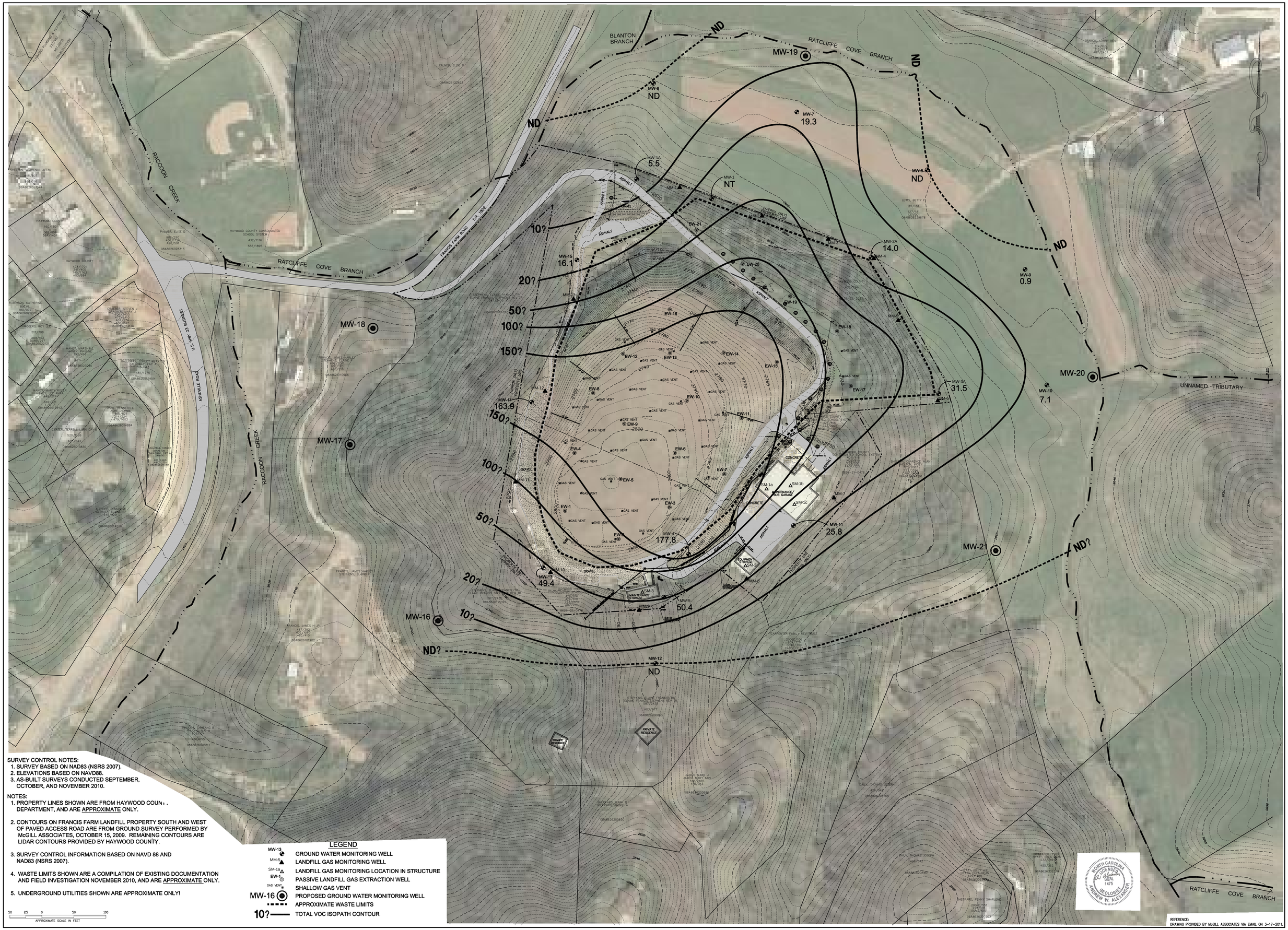
DRAWN: ACE
CHECKED: AWA
APPROVED:

DATE: 04-22-11
CAD FILE: HCFFLF-14DVOCWI
JOB NO: J10-1957-14

BLE INC.
BUNNELL-LAMMONS ENGINEERING, INC.
1004 POINSETT COURT
GREENVILLE, SOUTH CAROLINA 29615
PHONE: (864)288-1358 FAX: (864)288-6480

DETECTED COMPOUNDS – FEBRUARY 22, 2011
CLOSED FRANCIS FARM LANDFILL
HAYWOOD COUNTY, NORTH CAROLINA

FIGURE NO.
3



SURVEY CONTROL NOTES:
1. SURVEY BASED ON NAD83 (NSRS 2007).
2. ELEVATIONS BASED ON NAVD88.
3. AS-BUILT SURVEYS CONDUCTED SEPTEMBER, OCTOBER, AND NOVEMBER 2010.

NOTES:
1. PROPERTY LINES SHOWN ARE FROM HAYWOOD COUNTY DEPARTMENT, AND ARE APPROXIMATE ONLY.
2. CONTOURS ON FRANCIS FARM LANDFILL PROPERTY SOUTH AND WEST OF PAVED ACCESS ROAD ARE FROM GROUND SURVEY PERFORMED BY McGILL ASSOCIATES, OCTOBER 15, 2009. REMAINING CONTOURS ARE LIDAR CONTOURS PROVIDED BY HAYWOOD COUNTY.
3. SURVEY CONTROL INFORMATION BASED ON NAVD 88 AND NAD83 (NSRS 2007).
4. WASTE LIMITS SHOWN ARE A COMPILATION OF EXISTING DOCUMENTATION AND FIELD INVESTIGATION NOVEMBER 2010, AND ARE APPROXIMATE ONLY.
5. UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE ONLY!

50 25 0 50 100
APPROXIMATE SCALE IN FEET

LEGEND

MW-13	GROUND WATER MONITORING WELL
MM-4	LANDFILL GAS MONITORING WELL
SM-1a	LANDFILL GAS MONITORING LOCATION IN STRUCTURE
EW-1	PASSIVE LANDFILL GAS EXTRACTION WELL
GAS VENT	SHALLOW GAS VENT
MW-16	PROPOSED GROUND WATER MONITORING WELL
	APPROXIMATE WASTE LIMITS
10?	TOTAL VOC ISOPATH CONTOUR

REFERENCE:
DRAWING PROVIDED BY McGILL ASSOCIATES VIA EMAIL ON 3-17-2011.

REVISIONS		
No.	DESCRIPTION	BY

DRAWN:	ACE
CHECKED:	AWA
APPROVED:	

DATE:	04-22-11
CAD FILE:	HCFFLF-14TVOCWI
JOB NO:	J10-1957-14

BLE INC.

BUNNELL-LAMMONS ENGINEERING, INC.
6004 PONDERS COURT
GREENVILLE, SOUTH CAROLINA 29615
PHONE: (864)288-1966 FAX: (864)288-4430

TOTAL VOC ISOPLETH MAP – FEBRUARY 22, 2011
CLOSED FRANCIS FARM LANDFILL
HAYWOOD COUNTY, NORTH CAROLINA

FIGURE NO.
4

APPENDICES

APPENDIX A

DRILLING PROCEDURES

Air Hammer Drilling

Air drilled borings were advanced through unconsolidated and consolidated materials using a downhole air hammer and compressed air to remove the soil and rock cuttings. The pneumatic drill hammer rapidly strikes the soil or rock while the drill pipe is slowly rotated. The drill hammers are typically constructed of alloy steel with tungsten-carbide inserts that provide the chipping or cutting surfaces. An in-line air filter is attached to the air compressor on the rig to remove oil from the air and to prevent oil contamination in the borehole.

Representative portions of the soil samples were placed in glass jars or plastic bags. The samples were examined by a geologist to verify the technician's and/or driller's field classifications and Soil Boring Records were prepared. Soil borings were advanced to their required termination depths for monitoring well installation.

Hollow Stem Auger Drilling

Soil borings were advanced by mechanically twisting a continuous flight steel auger into the soil. Soil sampling was performed by collecting samples of the auger cuttings or split spoon sampler, as needed.

General

To help prevent cross-contamination between borings, all downhole drilling equipment was steam cleaned prior to drilling each boring.

APPENDIX B

WELL INSTALLATION PROCEDURES

Type II Monitoring Well

Type II groundwater monitoring wells consist of 2-inch Schedule 40 polyvinyl chloride (PVC) casing with flush-threaded joints installed in the borehole. The bottom section of each well consists of a manufactured well screen with 0.01-inch wide machined slots. The well screen was installed to the approximate termination depth of the borehole.

General

A washed sand filter pack was emplaced around the outside of the pipe from the bottom of the well casing to from one to five feet above the top of the well screen. The sand filter pack was used to stabilize the formation and to help yield a less turbid groundwater sample.

A one-foot thick (minimum) bentonite seal was installed on top of the sand filter pack to seal the monitoring well at the desired level. The well annulus was then grouted to the surface with a cement grout mixture. A lockable PVC cap and a protective steel cover was placed over each well.

APPENDIX C

NCDWQ WELL CONSTRUCTION RECORD GW-1B FORMS FOR GROUNDWATER MONITORING WELLS

NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 3290-A

1. WELL CONTRACTOR:

Brunson (Marty) L. King
Well Contractor (Individual) Name

Landprobe, LLC
Well Contractor Company Name

6004 Ponders Court
Street Address

Greenville | SC | 29615
City or Town | State | Zip Code

(864) 527-9324
Area code Phone number

2. WELL INFORMATION:

WELL CONSTRUCTION PERMIT#

OTHER ASSOCIATED PERMIT#(if applicable)

SITE WELL ID #(if applicable) MW-6

3. WELL USE (Check One Box) Monitoring ☑ Municipal/Public ☐
Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐
Irrigation ☐ Other ☐ (list use)

DATE DRILLED 08/12/2010

4. WELL LOCATION:

Closed Francis Farm Landfill
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

CITY: Waynesville COUNTY Haywood

TOPOGRAPHIC / LAND SETTING: (check appropriate box)
☐ Slope ☑ Valley ☐ Flat ☐ Ridge ☐ Other

LATITUDE Á ' " DMS **OR** 35.5070 DD

LONGITUDE Á ' " DMS **OR** 82.9587 DD

Latitude/longitude source: ☑ GPS ☐ Topographic map
(location of well must be shown on a USGS topo map andattached to this form if not using GPS)

5. FACILITY (Name of the business where the well is located.)

Closed Francis Farm Landfill | #44-03
Facility Name | Facility ID# (if applicable)

Farmview Drive
Street Address

Waynesville | NC | 28786
City or Town | State | Zip Code

Mr. Stephen King
Contact Name

278 Recycle Road
Mailing Address

Clyde | NC | 28721
City or Town | State | Zip Code

(828) 627-8042
Area code Phone number

6. WELL DETAILS:

a. TOTAL DEPTH: 12.5

b. DOES WELL REPLACE EXISTING WELL? YES ☐ NO ☑

c. WATER LEVEL Below Top of Casing: 6.42 FT.
(Use "+" if Above Top of Casing)

d. TOP OF CASING IS 0.0 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. YIELD (gpm): n/a **METHOD OF TEST** n/a

f. DISINFECTION: Type n/a **Amount** n/a

g. WATER ZONES (depth):

Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom

7. CASING:

Depth		Diameter	Thickness/ Weight	Material
Top 0.0	Bottom 2.3	Ft. 2"	Sch 40	PVC
Top	Bottom	Ft.		
Top	Bottom	Ft.		

8. GROUT:

Depth		Material	Method
Top 0.0	Bottom 0.5	Ft. Neat Cement	
Top 0.5	Bottom 2.0	Ft. Bentonite	
Top	Bottom	Ft.	

9. SCREEN:

Depth		Diameter	Slot Size	Material
Top 2.3	Bottom 12.3	Ft. 2 in.	0.010 in.	PVC
Top	Bottom	Ft. in.	in.	
Top	Bottom	Ft. in.	in.	

10. SAND/GRAVEL PACK:

Depth		Size	Material
Top 2.0	Bottom 12.5	Ft. #2	Sand
Top	Bottom	Ft.	
Top	Bottom	Ft.	

11. DRILLING LOG

Top	Bottom	Formation Description
/		SEE BLE WELL LOG
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12. REMARKS:

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

Marty King | 8-23-10
SIGNATURE OF CERTIFIED WELL CONTRACTOR | DATE

Brunson (Marty) L. King
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit within 30 days of completion to: Division of Water Quality - Information Processing, 1617 Mail Service Center, Raleigh, NC 27699-161, Phone : (919) 807-6300

Form GW-1b
Rev. 2/09

NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 3290-A

1. WELL CONTRACTOR:

Brunson (Marty) L. King
Well Contractor (Individual) Name

Landprobe, LLC
Well Contractor Company Name

6004 Ponders Court
Street Address

Greenville | SC | 29615
City or Town | State | Zip Code

(864) 527-9324
Area code Phone number

2. WELL INFORMATION:

WELL CONSTRUCTION PERMIT#

OTHER ASSOCIATED PERMIT#(if applicable)

SITE WELL ID #(if applicable) MW-7

3. WELL USE (Check One Box) Monitoring ☑ Municipal/Public ☐
Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐
Irrigation ☐ Other ☐ (list use)

DATE DRILLED 08/12/2010

4. WELL LOCATION:

Closed Francis Farm Landfill
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

CITY: Waynesville COUNTY Haywood

TOPOGRAPHIC / LAND SETTING: (check appropriate box)
☐ Slope ☑ Valley ☐ Flat ☐ Ridge ☐ Other

LATITUDE Á ' " DMS **OR** 35.5067 DD

LONGITUDE Á ' " DMS **OR** 82.9573 DD

Latitude/longitude source: ☑ GPS ☐ Topographic map
(location of well must be shown on a USGS topo map andattached to this form if not using GPS)

5. FACILITY (Name of the business where the well is located.)

Closed Francis Farm Landfill | #44-03
Facility Name | Facility ID# (if applicable)

Farmview Drive
Street Address

Waynesville | NC | 28786
City or Town | State | Zip Code

Mr. Stephen King
Contact Name

278 Recycle Road
Mailing Address

Clyde | NC | 28721
City or Town | State | Zip Code

(828) 627-8042
Area code Phone number

6. WELL DETAILS:

a. TOTAL DEPTH: 19.2

b. DOES WELL REPLACE EXISTING WELL? YES ☐ NO ☑

c. WATER LEVEL Below Top of Casing: 8.37 FT.
(Use "+" if Above Top of Casing)

d. TOP OF CASING IS 0.0 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. YIELD (gpm): n/a **METHOD OF TEST** n/a

f. DISINFECTION: Type n/a **Amount** n/a

g. WATER ZONES (depth):

Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom

7. CASING:

Depth		Diameter	Thickness/ Weight	Material
Top 0.0	Bottom 4.0 Ft.	2"	Sch 40	PVC
Top	Bottom Ft.			
Top	Bottom Ft.			

8. GROUT:

Depth		Material	Method
Top 0.0	Bottom 0.5 Ft.	Neat Cement	
Top 0.5	Bottom 2.0 Ft.	Bentonite	
Top	Bottom Ft.		

9. SCREEN:

Depth		Diameter	Slot Size	Material
Top 4.0	Bottom 19.0 Ft.	2 in.	0.010 in.	PVC
Top	Bottom Ft.	in.	in.	
Top	Bottom Ft.	in.	in.	

10. SAND/GRAVEL PACK:

Depth		Size	Material
Top 2.0	Bottom 24.0 Ft.	#2	Sand
Top	Bottom Ft.		
Top	Bottom Ft.		

11. DRILLING LOG

Top	Bottom	Formation Description
/		SEE BLE WELL LOG
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12. REMARKS:

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

Marty King | 8-23-10
SIGNATURE OF CERTIFIED WELL CONTRACTOR | DATE

Brunson (Marty) L. King
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

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North Carolina Department of Environment and Natural Resources- Division of Water Quality

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Brunson (Marty) L. King
Well Contractor (Individual) Name

Landprobe, LLC
Well Contractor Company Name

6004 Ponders Court
Street Address

Greenville | SC | 29615
City or Town | State | Zip Code

(864) 527-9324
Area code Phone number

2. WELL INFORMATION:

WELL CONSTRUCTION PERMIT#

OTHER ASSOCIATED PERMIT#(if applicable)

SITE WELL ID #(if applicable) MW-8

3. WELL USE (Check One Box) Monitoring ☑ Municipal/Public ☐
Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐
Irrigation ☐ Other ☐ (list use)

DATE DRILLED 08/12/2010

4. WELL LOCATION:

Closed Francis Farm Landfill
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

CITY: Waynesville COUNTY Haywood

TOPOGRAPHIC / LAND SETTING: (check appropriate box)
☐ Slope ☑ Valley ☐ Flat ☐ Ridge ☐ Other

LATITUDE Á ' " DMS **OR** 35.5062 DD

LONGITUDE Á ' " DMS **OR** 82.9559 DD

Latitude/longitude source: ☑ GPS ☐ Topographic map
(location of well must be shown on a USGS topo map andattached to this form if not using GPS)

5. FACILITY (Name of the business where the well is located.)

Closed Francis Farm Landfill | #44-03
Facility Name | Facility ID# (if applicable)

Farmview Drive
Street Address

Waynesville | NC | 28786
City or Town | State | Zip Code

Mr. Stephen King
Contact Name

278 Recycle Road
Mailing Address

Clyde | NC | 28721
City or Town | State | Zip Code

(828) 627-8042
Area code Phone number

6. WELL DETAILS:

a. TOTAL DEPTH: 13.2

b. DOES WELL REPLACE EXISTING WELL? YES ☐ NO ☑

c. WATER LEVEL Below Top of Casing: 5.73 FT.
(Use "+" if Above Top of Casing)

d. TOP OF CASING IS 0.0 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. YIELD (gpm): n/a **METHOD OF TEST** n/a

f. DISINFECTION: Type n/a **Amount** n/a

g. WATER ZONES (depth):

Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom

7. CASING:

Depth		Diameter	Thickness/ Weight	Material
Top 0.0	Bottom 3.0	Ft. 2"	Sch 40	PVC
Top	Bottom	Ft.		
Top	Bottom	Ft.		

8. GROUT:

Depth		Material	Method
Top 0.0	Bottom 0.5	Ft. Neat Cement	
Top 0.5	Bottom 2.0	Ft. Bentonite	
Top	Bottom	Ft.	

9. SCREEN:

Depth		Diameter	Slot Size	Material
Top 3.0	Bottom 13.0	Ft. 2 in.	0.010 in.	PVC
Top	Bottom	Ft. in.	in.	
Top	Bottom	Ft. in.	in.	

10. SAND/GRAVEL PACK:

Depth		Size	Material
Top 2.0	Bottom 19.0	Ft. #2	Sand
Top	Bottom	Ft.	
Top	Bottom	Ft.	

11. DRILLING LOG

Top	Bottom	Formation Description
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12. REMARKS:

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Marty King | 8-23-10
SIGNATURE OF CERTIFIED WELL CONTRACTOR | DATE

Brunson (Marty) L. King
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit within 30 days of completion to: Division of Water Quality - Information Processing, 1617 Mail Service Center, Raleigh, NC 27699-161, Phone : (919) 807-6300

Form GW-1b
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North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 3290-A

1. WELL CONTRACTOR:

Brunson (Marty) L. King
Well Contractor (Individual) Name

Landprobe, LLC
Well Contractor Company Name

6004 Ponders Court
Street Address

Greenville | SC | 29615
City or Town | State | Zip Code

(864) 527-9324
Area code Phone number

2. WELL INFORMATION:

WELL CONSTRUCTION PERMIT#

OTHER ASSOCIATED PERMIT#(if applicable)

SITE WELL ID #(if applicable) MW-9

3. WELL USE (Check One Box) Monitoring ☑ Municipal/Public ☐
Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐
Irrigation ☐ Other ☐ (list use)

DATE DRILLED 08/12/2010

4. WELL LOCATION:

Closed Francis Farm Landfill
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

CITY: Waynesville COUNTY Haywood

TOPOGRAPHIC / LAND SETTING: (check appropriate box)
☐ Slope ☑ Valley ☐ Flat ☐ Ridge ☐ Other

LATITUDE Á ' " DMS **OR** 35.5054 DD

LONGITUDE Á ' " DMS **OR** 82.9549 DD

Latitude/longitude source: ☑ GPS ☐ Topographic map
(location of well must be shown on a USGS topo map andattached to this form if not using GPS)

5. FACILITY (Name of the business where the well is located.)

Closed Francis Farm Landfill | #44-03
Facility Name | Facility ID# (if applicable)

Farmview Drive
Street Address

Waynesville | NC | 28786
City or Town | State | Zip Code

Mr. Stephen King
Contact Name

278 Recycle Road
Mailing Address

Clyde | NC | 28721
City or Town | State | Zip Code

(828) 627-8042
Area code Phone number

6. WELL DETAILS:

a. TOTAL DEPTH: 12.2

b. DOES WELL REPLACE EXISTING WELL? YES ☐ NO ☑

c. WATER LEVEL Below Top of Casing: 2.34 FT.
(Use "+" if Above Top of Casing)

d. TOP OF CASING IS 0.0 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. YIELD (gpm): n/a **METHOD OF TEST** n/a

f. DISINFECTION: Type n/a **Amount** n/a

g. WATER ZONES (depth):

Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom

7. CASING:

Depth		Diameter	Thickness/ Weight	Material
Top 0.0	Bottom 2.0 Ft.	2"	Sch 40	PVC
Top	Bottom Ft.			
Top	Bottom Ft.			

8. GROUT:

Depth		Material	Method
Top 0.0	Bottom 0.5 Ft.	Neat Cement	
Top 0.5	Bottom 1.5 Ft.	Bentonite	
Top	Bottom Ft.		

9. SCREEN:

Depth		Diameter	Slot Size	Material
Top 2.0	Bottom 12.0 Ft.	2 in.	0.010 in.	PVC
Top	Bottom Ft.	in.	in.	
Top	Bottom Ft.	in.	in.	

10. SAND/GRAVEL PACK:

Depth		Size	Material
Top 1.5	Bottom 19.0 Ft.	#2	Sand
Top	Bottom Ft.		
Top	Bottom Ft.		

11. DRILLING LOG

Top	Bottom	Formation Description
/		SEE BLE WELL LOG
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12. REMARKS:

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Marty King | 8-23-2010
SIGNATURE OF CERTIFIED WELL CONTRACTOR | DATE

Brunson (Marty) L. King
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

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Form GW-1b
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North Carolina Department of Environment and Natural Resources- Division of Water Quality

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Brunson (Marty) L. King
Well Contractor (Individual) Name

Landprobe, LLC
Well Contractor Company Name

6004 Ponders Court
Street Address

Greenville | SC | 29615
City or Town | State | Zip Code

(864) 527-9324
Area code Phone number

2. WELL INFORMATION:

WELL CONSTRUCTION PERMIT#

OTHER ASSOCIATED PERMIT#(if applicable)

SITE WELL ID #(if applicable) MW-10

3. WELL USE (Check One Box) Monitoring ☑ Municipal/Public ☐
Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐
Irrigation ☐ Other ☐ (list use)

DATE DRILLED 08/11/2010

4. WELL LOCATION:

Closed Francis Farm Landfill
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

CITY: Waynesville COUNTY Haywood

TOPOGRAPHIC / LAND SETTING: (check appropriate box)
☐ Slope ☑ Valley ☐ Flat ☐ Ridge ☐ Other

LATITUDE Á ' " DMS **OR** 35.5044 DD

LONGITUDE Á ' " DMS **OR** 82.9546 DD

Latitude/longitude source: ☑ GPS ☐ Topographic map
(location of well must be shown on a USGS topo map andattached to this form if not using GPS)

5. FACILITY (Name of the business where the well is located.)

Closed Francis Farm Landfill | #44-03
Facility Name | Facility ID# (if applicable)

Farmview Drive
Street Address

Waynesville | NC | 28786
City or Town | State | Zip Code

Mr. Stephen King
Contact Name

278 Recycle Road
Mailing Address

Clyde | NC | 28721
City or Town | State | Zip Code

(828) 627-8042
Area code Phone number

6. WELL DETAILS:

a. TOTAL DEPTH: 12.2

b. DOES WELL REPLACE EXISTING WELL? YES ☐ NO ☑

c. WATER LEVEL Below Top of Casing: 2.52 FT.
(Use "+" if Above Top of Casing)

d. TOP OF CASING IS 0.0 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. YIELD (gpm): n/a **METHOD OF TEST** n/a

f. DISINFECTION: Type n/a **Amount** n/a

g. WATER ZONES (depth):

Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom

7. CASING:

Depth		Diameter	Thickness/ Weight	Material
Top 0.0	Bottom 2.0 Ft.	2"	Sch 40	PVC
Top	Bottom Ft.			
Top	Bottom Ft.			

8. GROUT:

Depth		Material	Method
Top 0.0	Bottom 0.5 Ft.	Neat Cement	
Top 0.5	Bottom 1.5 Ft.	Bentonite	
Top	Bottom Ft.		

9. SCREEN:

Depth		Diameter	Slot Size	Material
Top 2.0	Bottom 12.0 Ft.	2 in.	0.010 in.	PVC
Top	Bottom Ft.	in.	in.	
Top	Bottom Ft.	in.	in.	

10. SAND/GRAVEL PACK:

Depth		Size	Material
Top 1.5	Bottom 15.0 Ft.	#2	Sand
Top	Bottom Ft.		
Top	Bottom Ft.		

11. DRILLING LOG

Top	Bottom	Formation Description
/		SEE BLE WELL LOG
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12. REMARKS:

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

Marty King | 8-23-2010
SIGNATURE OF CERTIFIED WELL CONTRACTOR | DATE

Brunson (Marty) L. King
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

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Well Contractor (Individual) Name

Landprobe, LLC
Well Contractor Company Name

6004 Ponders Court
Street Address

Greenville | SC | 29615
City or Town | State | Zip Code

(864) 527-9324
Area code Phone number

2. WELL INFORMATION:

WELL CONSTRUCTION PERMIT#

OTHER ASSOCIATED PERMIT#(if applicable)

SITE WELL ID #(if applicable) MW-11

3. WELL USE (Check One Box) Monitoring ☑ Municipal/Public ☐
Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐
Irrigation ☐ Other ☐ (list use)

DATE DRILLED 07/29/2010

4. WELL LOCATION:

Closed Francis Farm Landfill
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

CITY: Waynesville COUNTY Haywood

TOPOGRAPHIC / LAND SETTING: (check appropriate box)
☑ Slope ☐ Valley ☐ Flat ☐ Ridge ☐ Other

LATITUDE Á ' " DMS **OR** 35.5031 DD

LONGITUDE Á ' " DMS **OR** 82.9572 DD

Latitude/longitude source: ☑ GPS ☐ Topographic map
(location of well must be shown on a USGS topo map andattached to this form if not using GPS)

5. FACILITY (Name of the business where the well is located.)

Closed Francis Farm Landfill | #44-03
Facility Name | Facility ID# (if applicable)

Farmview Drive
Street Address

Waynesville | NC | 28786
City or Town | State | Zip Code

Mr. Stephen King
Contact Name

278 Recycle Road
Mailing Address

Clyde | NC | 28721
City or Town | State | Zip Code

(828) 627-8042
Area code Phone number

6. WELL DETAILS:

a. TOTAL DEPTH: 86.0

b. DOES WELL REPLACE EXISTING WELL? YES ☐ NO ☑

c. WATER LEVEL Below Top of Casing: 79.36 FT.
(Use "+" if Above Top of Casing)

d. TOP OF CASING IS 0.0 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. YIELD (gpm): n/a **METHOD OF TEST** n/a

f. DISINFECTION: Type n/a **Amount** n/a

g. WATER ZONES (depth):

Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom

7. CASING:

Depth		Diameter	Thickness/ Weight	Material
Top 0.0	Bottom 70.8 Ft.	2"	Sch 40	PVC
Top	Bottom Ft.			
Top	Bottom Ft.			

8. GROUT:

Depth		Material	Method
Top 0.0	Bottom 64.0 Ft.	Neat Cement	
Top 64.0	Bottom 68.4 Ft.	Bentonite	
Top	Bottom Ft.		

9. SCREEN:

Depth		Diameter	Slot Size	Material
Top 70.8	Bottom 85.8 Ft.	2 in.	0.010 in.	PVC
Top	Bottom Ft.	in.	in.	
Top	Bottom Ft.	in.	in.	

10. SAND/GRAVEL PACK:

Depth		Size	Material
Top 68.4	Bottom 100.0 Ft.	#2	Sand
Top	Bottom Ft.		
Top	Bottom Ft.		

11. DRILLING LOG

Top	Bottom	Formation Description
		SEE BLE WELL LOG

12. REMARKS:

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

Marty King | 8-23-2010
SIGNATURE OF CERTIFIED WELL CONTRACTOR | DATE

Brunson (Marty) L. King
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

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Form GW-1b
Rev. 2/09

NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 3290-A

1. WELL CONTRACTOR:

Brunson (Marty) L. King
Well Contractor (Individual) Name

Landprobe, LLC
Well Contractor Company Name

6004 Ponders Court
Street Address

Greenville | SC | 29615
City or Town | State | Zip Code

(864) 527-9324
Area code Phone number

2. WELL INFORMATION:

WELL CONSTRUCTION PERMIT#

OTHER ASSOCIATED PERMIT#(if applicable)

SITE WELL ID #(if applicable) MW-12

3. WELL USE (Check One Box) Monitoring ☑ Municipal/Public ☐
Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐
Irrigation ☐ Other ☐ (list use)

DATE DRILLED 08/11/2010

4. WELL LOCATION:

Closed Francis Farm Landfill
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

CITY: Waynesville COUNTY Haywood

TOPOGRAPHIC / LAND SETTING: (check appropriate box)
☐ Slope ☐ Valley ☐ Flat ☑ Ridge ☐ Other

LATITUDE Á ' " DMS **OR** 35.5019 DD

LONGITUDE Á ' " DMS **OR** 82.9586 DD

Latitude/longitude source: ☑ GPS ☐ Topographic map
(location of well must be shown on a USGS topo map andattached to this form if not using GPS)

5. FACILITY (Name of the business where the well is located.)

Closed Francis Farm Landfill | #44-03
Facility Name | Facility ID# (if applicable)

Farmview Drive
Street Address

Waynesville | NC | 28786
City or Town | State | Zip Code

Mr. Stephen King
Contact Name

278 Recycle Road
Mailing Address

Clyde | NC | 28721
City or Town | State | Zip Code

(828) 627-8042
Area code Phone number

6. WELL DETAILS:

a. TOTAL DEPTH: 80.0

b. DOES WELL REPLACE EXISTING WELL? YES ☐ NO ☑

c. WATER LEVEL Below Top of Casing: 73.46 FT.
(Use "+" if Above Top of Casing)

d. TOP OF CASING IS 2.83 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. YIELD (gpm): NA **METHOD OF TEST** NA

f. DISINFECTION: Type NA **Amount** NA

g. WATER ZONES (depth):

Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom

7. CASING:

Depth		Diameter	Thickness/ Weight	Material
Top 0.0	Bottom 64.8 Ft.	2"	Sch 40	PVC
Top	Bottom Ft.			
Top	Bottom Ft.			

8. GROUT:

Depth		Material	Method
Top 0.0	Bottom 57.0 Ft.	Neat Cement	
Top 57.0	Bottom 61.0 Ft.	Bentonite	
Top	Bottom Ft.		

9. SCREEN:

Depth		Diameter	Slot Size	Material
Top 64.8	Bottom 79.8 Ft.	2 in.	0.010 in.	PVC
Top	Bottom Ft.	in.	in.	
Top	Bottom Ft.	in.	in.	

10. SAND/GRAVEL PACK:

Depth		Size	Material
Top 61.0	Bottom 90.0 Ft.	#2	Sand
Top	Bottom Ft.		
Top	Bottom Ft.		

11. DRILLING LOG

Top	Bottom	Formation Description
/		SEE BLE WELL LOG
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12. REMARKS:

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

Marty King | 8-23-2010
SIGNATURE OF CERTIFIED WELL CONTRACTOR | DATE

Brunson (Marty) L. King
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit within 30 days of completion to: Division of Water Quality - Information Processing, 1617 Mail Service Center, Raleigh, NC 27699-161, Phone : (919) 807-6300

Form GW-1b
Rev. 2/09

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Landprobe, LLC
Well Contractor Company Name

6004 Ponders Court
Street Address

Greenville | SC | 29615
City or Town | State | Zip Code

(864) 527-9324
Area code Phone number

2. WELL INFORMATION:

WELL CONSTRUCTION PERMIT#

OTHER ASSOCIATED PERMIT#(if applicable)

SITE WELL ID #(if applicable) MW-13

3. WELL USE (Check One Box) Monitoring ☑ Municipal/Public ☐
Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐
Irrigation ☐ Other ☐ (list use)

DATE DRILLED 07/27/2010

4. WELL LOCATION:

Closed Francis Farm Landfill
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

CITY: Waynesville COUNTY Haywood

TOPOGRAPHIC / LAND SETTING: (check appropriate box)
☐ Slope ☐ Valley ☐ Flat ☑ Ridge ☐ Other

LATITUDE Á ' " DMS **OR** 35.5027 DD

LONGITUDE Á ' " DMS **OR** 82.9598 DD

Latitude/longitude source: ☑ GPS ☐ Topographic map
(location of well must be shown on a USGS topo map andattached to this form if not using GPS)

5. FACILITY (Name of the business where the well is located.)

Closed Francis Farm Landfill | #44-03
Facility Name | Facility ID# (if applicable)

Farmview Drive
Street Address

Waynesville | NC | 28786
City or Town | State | Zip Code

Mr. Stephen King
Contact Name

278 Recycle Road
Mailing Address

Clyde | NC | 27821
City or Town | State | Zip Code

(828) 627-8042
Area code Phone number

6. WELL DETAILS:

a. TOTAL DEPTH: 89.2

b. DOES WELL REPLACE EXISTING WELL? YES ☐ NO ☑

c. WATER LEVEL Below Top of Casing: 84.16 FT.
(Use "+" if Above Top of Casing)

d. TOP OF CASING IS 0.0 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. YIELD (gpm): n/a **METHOD OF TEST** n/a

f. DISINFECTION: Type n/a **Amount** n/a

g. WATER ZONES (depth):

Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom

7. CASING:

Depth		Diameter	Thickness/ Weight	Material
Top 0.0	Bottom 74.0 Ft.	2"	Sch 40	PVC
Top	Bottom Ft.			
Top	Bottom Ft.			

8. GROUT:

Depth		Material	Method
Top 0.0	Bottom 67.0 Ft.	Neat Cement	
Top 67.0	Bottom 71.0 Ft.	Bentonite	
Top	Bottom Ft.		

9. SCREEN:

Depth		Diameter	Slot Size	Material
Top 74.0	Bottom 89.0 Ft.	2 in.	0.010 in.	PVC
Top	Bottom Ft.	in.	in.	
Top	Bottom Ft.	in.	in.	

10. SAND/GRAVEL PACK:

Depth		Size	Material
Top 71.0	Bottom 127.0 Ft.	#2	Sand
Top	Bottom Ft.		
Top	Bottom Ft.		

11. DRILLING LOG

Top	Bottom	Formation Description
/		SEE BLE WELL LOG
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12. REMARKS:

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

Marty King | 8-23-2010
SIGNATURE OF CERTIFIED WELL CONTRACTOR | DATE

Brunson (Marty) L. King
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

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Street Address

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City or Town | State | Zip Code

(864) 527-9324
Area code Phone number

2. WELL INFORMATION:

WELL CONSTRUCTION PERMIT#

OTHER ASSOCIATED PERMIT#(if applicable)

SITE WELL ID #(if applicable) MW-14

3. WELL USE (Check One Box) Monitoring ☑ Municipal/Public ☐
Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐
Irrigation ☐ Other ☐ (list use)

DATE DRILLED 07/28/2010

4. WELL LOCATION:

Closed Francis Farm Landfill
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

CITY: Waynesville COUNTY Haywood

TOPOGRAPHIC / LAND SETTING: (check appropriate box)
☑ Slope ☐ Valley ☐ Flat ☐ Ridge ☐ Other

LATITUDE Á ' " DMS **OR** 35.5041 DD

LONGITUDE Á ' " DMS **OR** 82.9591 DD

Latitude/longitude source: ☑ GPS ☐ Topographic map
(location of well must be shown on a USGS topo map andattached to this form if not using GPS)

5. FACILITY (Name of the business where the well is located.)

Closed Francis Farm Landfill | #44-03
Facility Name | Facility ID# (if applicable)

Farmview Drive
Street Address

Waynesville | NC | 28786
City or Town | State | Zip Code

Mr. Stephen King
Contact Name

278 Recycle Road
Mailing Address

Clyde | NC | 28721
City or Town | State | Zip Code

(828) 627-8042
Area code Phone number

6. WELL DETAILS:

a. TOTAL DEPTH: 109.0

b. DOES WELL REPLACE EXISTING WELL? YES ☐ NO ☑

c. WATER LEVEL Below Top of Casing: 85.68 FT.
(Use "+" if Above Top of Casing)

d. TOP OF CASING IS 0.0 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. YIELD (gpm): n/a **METHOD OF TEST** n/a

f. DISINFECTION: Type n/a **Amount** n/a

g. WATER ZONES (depth):

Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom

7. CASING:

Depth		Diameter	Thickness/ Weight	Material
Top 0.0	Bottom 93.8 Ft.	2"	Sch 40	PVC
Top	Bottom Ft.			
Top	Bottom Ft.			

8. GROUT:

Depth		Material	Method
Top 0.0	Bottom 54.7 Ft.	Neat Cement	
Top 54.7	Bottom 59.3 Ft.	Bentonite	
Top	Bottom Ft.		

9. SCREEN:

Depth		Diameter	Slot Size	Material
Top 93.8	Bottom 108.8 Ft.	2 in.	0.010 in.	PVC
Top	Bottom Ft.	in.	in.	
Top	Bottom Ft.	in.	in.	

10. SAND/GRAVEL PACK:

Depth		Size	Material
Top 59.3	Bottom 120.0 Ft.	#2	Sand
Top	Bottom Ft.		
Top	Bottom Ft.		

11. DRILLING LOG

Top	Bottom	Formation Description
/		SEE BLE WELL LOG
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(864) 527-9324
Area code Phone number

2. WELL INFORMATION:

WELL CONSTRUCTION PERMIT#

OTHER ASSOCIATED PERMIT#(if applicable)

SITE WELL ID #(if applicable) MW-15

3. WELL USE (Check One Box) Monitoring ☑ Municipal/Public ☐
Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐
Irrigation ☐ Other ☐ (list use)

DATE DRILLED 07/28/2010

4. WELL LOCATION:

Closed Francis Farm Landfill
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)

CITY: Waynesville COUNTY Haywood

TOPOGRAPHIC / LAND SETTING: (check appropriate box)
☑ Slope ☐ Valley ☐ Flat ☐ Ridge ☐ Other

LATITUDE Á ' " DMS **OR** 35.5053 DD

LONGITUDE Á ' " DMS **OR** 82.9596 DD

Latitude/longitude source: ☑ GPS ☐ Topographic map
(location of well must be shown on a USGS topo map andattached to this form if not using GPS)

5. FACILITY (Name of the business where the well is located.)

Closed Francis Farm Landfill | #44-03
Facility Name | Facility ID# (if applicable)

Farmview Drive
Street Address

Waynesville | NC | 28786
City or Town | State | Zip Code

Mr. Stephen King
Contact Name

278 Recycle Road
Mailing Address

Clyde | NC | 28721
City or Town | State | Zip Code

(828) 627-8042
Area code Phone number

6. WELL DETAILS:

a. TOTAL DEPTH: 91.0

b. DOES WELL REPLACE EXISTING WELL? YES ☐ NO ☑

c. WATER LEVEL Below Top of Casing: 83.64 FT.
(Use "+" if Above Top of Casing)

d. TOP OF CASING IS 2.68 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.

e. YIELD (gpm): n/a **METHOD OF TEST** n/a

f. DISINFECTION: Type n/a **Amount** n/a

g. WATER ZONES (depth):

Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom
Top	Bottom	Top	Bottom

7. CASING:

Depth		Diameter	Thickness/ Weight	Material
Top 0.0	Bottom 75.8 Ft.	2"	Sch 40	PVC
Top	Bottom Ft.			
Top	Bottom Ft.			

8. GROUT:

Depth		Material	Method
Top 0.0	Bottom 67.8 Ft.	Neat Cement	
Top 67.8	Bottom 73.3 Ft.	Bentonite	
Top	Bottom Ft.		

9. SCREEN:

Depth		Diameter	Slot Size	Material
Top 75.8	Bottom 90.8 Ft.	2 in.	0.010 in.	PVC
Top	Bottom Ft.	in.	in.	
Top	Bottom Ft.	in.	in.	

10. SAND/GRAVEL PACK:

Depth		Size	Material
Top 73.3	Bottom 163.0 Ft.	#2	Sand
Top	Bottom Ft.		
Top	Bottom Ft.		

11. DRILLING LOG

Top	Bottom	Formation Description
/		SEE BLE WELL LOG
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APPENDIX D

WELL CONSTRUCTION AND BORING LOGS

BLE INC.

BUNNELL-LAMMONS ENGINEERING, INC.

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

GROUNDWATER MONITORING WELL NO. MW-6

PROJECT: Haywood County Francis Farm Landfill — PROJECT NO.: J10-1957-14

CLIENT: Haywood County — START: 8-12-10 END: 8-19-10

LOCATION: Haywood County, North Carolina — ELEVATION: 2613.03

DRILLER: Landprobe, M. King — LOGGED BY: B. Nisbeth

DRILLING METHOD: CME 75; 4-inch ID augers

DEPTH TO - WATER> INITIAL: dry AFTER 96 HOURS: 7.49 CAVING>

ELEVATION/ DEPTH (FT)	DESCRIPTION	SOIL TYPE	SAMPLES	PID (ppm) READING	MONITOR WELL INSTALLATION DETAILS
	2-inches of TOPSOIL				Neat cement, 0 to 0.5 feet Bentonite seal, 0.5 to 2.0 feet.
	Brown, slightly micaceous, fine to medium sandy SILT - (colluvium)				Filter pack, sand 2.0 to 12.5 feet
2610				ND	
5				ND	
	Light brown, micaceous, fine to medium sandy SILT - (residuum)				2-inch diameter, 0.010-inch slotted Schedule 40 PVC well screen, 2.3 to 12.3 feet
2605				ND	
10	Dark brown, micaceous, fine to medium sandy SILT - (residuum)			ND	
				ND	Pipe cap
2600	Auger refusal at 12.5 feet. No groundwater encountered at time of drilling, but was encountered at 7.49 feet after 96 hours.				Total well depth, 12.5 feet
15					**SURFACE COMPLETION** Flush-mount below ground surface secured with an 8-inch diameter steel, bolted manhole cover
2595					Ground surface elev. = 2,613.03 feet
20					Top of PVC casing elev. = 2,612.63 feet
2590					Northing = 662,941.12' Easting = 822,167.78'
25					
2585					
30					
2580					
35					
2575					

ENV_WELL_ONLY_PID 1957-14.GPJ 7/20/11

BLE INC.

BUNNELL-LAMMONS ENGINEERING, INC.

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

GROUNDWATER MONITORING WELL NO. MW-7

PROJECT:	Haywood County Francis Farm Landfill	PROJECT NO.:	J10-1957-14
CLIENT:	Haywood County	START: 8-12-10	END: 8-19-10
LOCATION:	Haywood County, North Carolina	ELEVATION:	2621.48
DRILLER:	Landprobe, M. King	LOGGED BY:	B. Nisbeth

DRILLING METHOD: CME 75; 4-inch ID augers

DEPTH TO - WATER> INITIAL: 10.2 AFTER 24 HOURS: 9.50 CAVING>

ELEVATION/ DEPTH (FT)	DESCRIPTION	SOIL TYPE	SAMPLES	PID (ppm) READING
	2-inches of TOPSOIL			
2620	Brown, slightly micaceous, fine to medium sandy SILT - (colluvium)			
				ND
5				ND
2615				
				ND
10				ND
2610				
				ND
	COBBLE LAYER - (alluvium)			
15	Dark gray, micaceous, fine to medium sandy SILT - (alluvium)			ND
2605				
				ND
20				ND
2600	Brown, micaceous, fine to medium sandy SILT - (alluvium)			
				ND
				ND
25	Boring terminated at 24 feet. Groundwater encountered at 10.2 feet at time of drilling and at 9.50 feet after 24 hours.			
2595				
30				
2590				
35				
2585				

MONITOR WELL INSTALLATION DETAILS

Neat cement, 0 to 0.5 feet

Bentonite seal, 0.5 to 2.0 feet.

Filter pack, sand 2.0 to 24.0 feet

2-inch diameter, 0.010-inch slotted Schedule 40 PVC well screen, 4.0 to 19.0 feet

Pipe cap

Total well depth, 19.2 feet

SURFACE COMPLETION

Flush-mount below ground surface secured with an 8-inch diameter steel, bolted manhole cover

Ground surface elev. = 2,621.48 feet

Top of PVC casing elev. = 2,621.33 feet

Northing = 662,800.72'

Easting = 822,584.39'

ENV_WELL_ONLY_PID 1957-14.GPJ 7/20/11

BLE INC.

BUNNELL-LAMMONS ENGINEERING, INC.

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

GROUNDWATER MONITORING WELL NO. MW-8

PROJECT: Haywood County Francis Farm Landfill — PROJECT NO.: J10-1957-14

CLIENT: Haywood County — START: 8-12-10 END: 8-19-10

LOCATION: Haywood County, North Carolina — ELEVATION: 2620.25

DRILLER: Landprobe, M. King — LOGGED BY: B. Nisbeth

DRILLING METHOD: CME 75; 4-inch ID augers

DEPTH TO - WATER> INITIAL: 7.50 AFTER 24 HOURS: 6.79 CAVING>

ELEVATION/ DEPTH (FT)	DESCRIPTION	SOIL TYPE	SAMPLES	PID (ppm) READING	MONITOR WELL INSTALLATION DETAILS
2620	2-inches of TOPSOIL Dark brown, fine to medium sandy SILT - (colluvium)				Neat cement, 0 to 0.5 feet Bentonite seal, 0.5 to 2.0 feet. Filter pack, sand 2.0 to 19.0 feet
				ND	
2615 (5)	Very moist COBBLE LAYER - (alluvium)			ND	
	Brown, very moist, micaceous, silty, fine to medium SAND with some cobbles - (alluvium)			ND	2-inch diameter, 0.010-inch slotted Schedule 40 PVC well screen, 3.0 to 13.0 feet
2610 (10)				ND	
				ND	Pipe cap Total well depth, 13.2 feet
2605 (15)				ND	SURFACE COMPLETION Flush-mount below ground surface secured with an 8-inch diameter steel, bolted manhole cover
				ND	Ground surface elev. = 2,620.25 feet
2600 (20)	Boring terminated at 19 feet. Groundwater encountered at 7.50 feet at time of drilling and at 6.79 feet after 24 hours.				Top of PVC casing elev. = 2,620.05 feet Northing = 662,619.60' Easting = 822,989.68'
2595 (25)					
2590 (30)					
2585 (35)					

ENV_WELL_ONLY_PID 1957-14.GPJ 7/20/11

BLE INC.

BUNNELL-LAMMONS ENGINEERING, INC.

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

GROUNDWATER MONITORING WELL NO. MW-9

PROJECT: Haywood County Francis Farm Landfill — PROJECT NO.: J10-1957-14

CLIENT: Haywood County — START: 8-12-10 END: 8-19-10

LOCATION: Haywood County, North Carolina — ELEVATION: 2619.19

DRILLER: Landprobe, M. King — LOGGED BY: B. Nisbeth

DRILLING METHOD: CME 75; 4-inch ID augers

DEPTH TO - WATER> INITIAL: 4.2 AFTER 8 HOURS: 3.5 CAVING>

ELEVATION/ DEPTH (FT)	DESCRIPTION	SOIL TYPE	SAMPLES	PID (ppm) READING	MONITOR WELL INSTALLATION DETAILS
	2-inches of TOPSOIL				Neat cement, 0 to 0.5 feet
	Dark brown, fine to medium sandy SILT - (colluvium)				Bentonite seal, 0.5 to 1.5 feet
					Filter pack, sand 1.5 to 19.0 feet
	COBBLE LAYER - (alluvium)				
2615 / 5	Tan and brown, very moist, micaceous, fine to medium sandy SILT - (alluvium)			ND	
				ND	
					2-inch diameter, 0.010-inch slotted Schedule 40 PVC well screen, 2.0 to 12.0 feet
2610 / 10				ND	
				ND	
					Pipe cap
					Total well depth, 12.2 feet
2605 / 15				ND	
				ND	SURFACE COMPLETION Flush-mount below ground surface secured with an 8-inch diameter steel, bolted manhole cover
				ND	
2600 / 20	Boring terminated at 19 feet. Groundwater encountered at 4.2 feet at time of drilling and at 3.5 feet after 8 hours.				Ground surface elev. = 2,619.19 feet
					Top of PVC casing elev. = 2,618.87 feet
					Northing = 662,309.84'
					Easting = 823,295.25'
2595 / 25					
2590 / 30					
2585 / 35					
2580					

ENV_WELL_ONLY_PID 1957-14.GPJ 7/20/11

BLE INC.

BUNNELL-LAMMONS ENGINEERING, INC.

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

GROUNDWATER MONITORING WELL NO. MW-10

PROJECT: Haywood County Francis Farm Landfill — PROJECT NO.: J10-1957-14

CLIENT: Haywood County — START: 8-11-10 END: 8-18-10

LOCATION: Haywood County, North Carolina — ELEVATION: 2623.96

DRILLER: Landprobe, M. King — LOGGED BY: B. Nisbeth

DRILLING METHOD: CME 75; 4-inch ID augers

DEPTH TO - WATER> INITIAL: 2.5 AFTER 16 HOURS: 2.5 CAVING>

ELEVATION/ DEPTH (FT)	DESCRIPTION	SOIL TYPE	SAMPLES	PID (ppm) READING	MONITOR WELL INSTALLATION DETAILS
	2-inches of TOPSOIL				Neat cement, 0 to 0.5 feet
	Brown, fine to medium sandy SILT - (colluvium)				Bentonite seal, 0.5 to 1.5 feet
					Filter pack, sand 1.5 to 15.0 feet
	Small COBBLE layer - (alluvium)				
2620 / 5	Tan and brown, very moist, micaceous, fine to medium sandy SILT - (alluvium)			ND	
				ND	
					2-inch diameter, 0.010-inch slotted Schedule 40 PVC well screen, 2.0 to 12.0 feet
2615				ND	
10				ND	
					Pipe cap
					Total well depth, 12.2 feet
2610				ND	
15				ND	
	Boring terminated at 15 feet. Groundwater encountered at 2.5 feet at time of drilling and at 2.5 feet after 16 hours.				SURFACE COMPLETION Flush-mount below ground surface secured with an 8-inch diameter steel, bolted manhole cover
2605					Ground surface elev. = 2,623.96 feet
20					
					Top of PVC casing elev. = 2,623.60 feet
					Northing = 661,947.33'
2600					Easting = 823,365.59'
25					
2595					
30					
2590					
35					
2585					

ENV_WELL_ONLY_PID 1957-14.GPJ 7/20/11

BLE INC.

BUNNELL-LAMMONS ENGINEERING, INC.

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

GROUNDWATER MONITORING WELL NO. MW-11

PROJECT: Haywood County Francis Farm Landfill — PROJECT NO.: J10-1957-14

CLIENT: Haywood County — START: 7-29-10 END: 8-4-10

LOCATION: Haywood County, North Carolina — ELEVATION: 2756.46

DRILLER: Landprobe, M. King — LOGGED BY: B. Nisbeth

DRILLING METHOD: Schramm T450WS; 6-inch air hammer

DEPTH TO - WATER> INITIAL: dry AFTER 96 HOURS: 78.0 CAVING>

ELEVATION/ DEPTH (FT)	DESCRIPTION	SOIL TYPE	SAMPLES	PID (ppm) READING	MONITOR WELL INSTALLATION DETAILS
	2-inches of TOPSOIL				**SURFACE COMPLETION** Flush-mount below ground surface secured with an 8-inch diameter steel, bolted manhole cover
2755	Reddish-brown, micaceous, silty, fine to medium SAND - (fill)				Ground surface elev. = 2,756.46 feet
5				ND	
2750					Top of PVC casing elev. = 2,756.22 feet
					Northing = 661,509.39'
					Easting = 822,572.73'
10					
2745					
15				ND	
2740					
20					Neat cement, 0 to 64.0 feet
2735	Brown, micaceous, silty, fine to medium SAND - (residuum)				
25				ND	
2730					
30					
2725					
35				ND	
2720					

ENV_WELL_ONLY_PID 1957-14.GPJ 7/20/11

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BUNNELL-LAMMONS ENGINEERING, INC.

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

GROUNDWATER MONITORING WELL NO. MW-11

PROJECT: Haywood County Francis Farm Landfill — PROJECT NO.: J10-1957-14

CLIENT: Haywood County — START: 7-29-10 END: 8-4-10

LOCATION: Haywood County, North Carolina — ELEVATION: 2756.46

DRILLER: Landprobe, M. King — LOGGED BY: B. Nisbeth

DRILLING METHOD: Schramm T450WS; 6-inch air hammer

DEPTH TO - WATER> INITIAL: dry AFTER 96 HOURS: 78.0 CAVING>

ELEVATION/ DEPTH (FT)	DESCRIPTION	SOIL TYPE	SAMPLES	PID (ppm) READING	MONITOR WELL INSTALLATION DETAILS
2715	Brown, micaceous, silty, fine to medium SAND - (residuum)				
45 / 2710				ND	
50 / 2705					Neat cement, 0 to 64.0 feet
55 / 2700	PARTIALLY WEATHERED ROCK which sampled as tan to brown, micaceous, silty, fine to medium SAND			ND	
60 / 2695					
65 / 2690				ND	Bentonite seal, 64.0 to 68.4 feet
70					Filter pack, sand 68.4 to 100.0 feet
2685	ROCK which sampled as tan and gray, micaceous, silty, fine to medium SAND				
75 / 2680				ND	2-inch diameter, 0.010-inch slotted Schedule 40 PVC well screen, 70.8 to 85.8 feet
	ROCK which sampled as gray, micaceous, silty, fine to medium SAND				

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BUNNELL-LAMMONS ENGINEERING, INC.

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

GROUNDWATER MONITORING WELL NO. MW-11

PROJECT: Haywood County Francis Farm Landfill — PROJECT NO.: J10-1957-14

CLIENT: Haywood County — START: 7-29-10 END: 8-4-10

LOCATION: Haywood County, North Carolina — ELEVATION: 2756.46

DRILLER: Landprobe, M. King — LOGGED BY: B. Nisbeth

DRILLING METHOD: Schramm T450WS; 6-inch air hammer

DEPTH TO - WATER> INITIAL: dry AFTER 96 HOURS: 78.0 CAVING>

ELEVATION/ DEPTH (FT)	DESCRIPTION	SOIL TYPE	SAMPLES	PID (ppm) READING	MONITOR WELL INSTALLATION DETAILS
2675	ROCK which sampled as gray, micaceous, silty, fine to medium SAND				
85 / 2670				ND	Pipe cap Total well depth, 86.0 feet
90 / 2665					
95 / 2660	Fracture at 95 feet			ND	
100 / 2655	Boring terminated at 100 feet. No groundwater encountered at time of drilling, but was encountered at 78.0 feet after 96 hours.				
105 / 2650					
110 / 2645					
115 / 2640					

ENV_WELL_ONLY_PID 1957-14.GPJ 7/20/11

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BUNNELL-LAMMONS ENGINEERING, INC.

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

GROUNDWATER MONITORING WELL NO. MW-12

PROJECT: Haywood County Francis Farm Landfill — PROJECT NO.: J10-1957-14

CLIENT: Haywood County — START: 8-11-10 END: 8-19-10

LOCATION: Haywood County, North Carolina — ELEVATION: 2800.28

DRILLER: Landprobe, M. King — LOGGED BY: B. Nisbeth

DRILLING METHOD: Schramm T450WS; 6-inch air hammer

DEPTH TO - WATER> INITIAL: dry AFTER 21 HOURS: 77.2 CAVING>

ELEVATION/ DEPTH (FT)	DESCRIPTION	SOIL TYPE	SAMPLES	PID (ppm) READING	MONITOR WELL INSTALLATION DETAILS
2800	2-inches of TOPSOIL or GRAVEL Brown, micaceous, silty, fine to medium SAND - (residuum)				**SURFACE COMPLETION** 2.83-foot stick-up with 4" x 4" x 5' long steel protective cover installed in a 3' x 3' x 4" thick concrete pad
2795 (5)				ND	1/4-inch vent and weep holes installed in the PVC casing and the protective cover, respectively
					Ground surface elev. = 2,800.28 feet
2790 (10)					Top of PVC casing elev. = 2,803.11 feet
					Northing = 661,078.94'
					Easting = 822,142.39'
2785 (15)				ND	
2780 (20)					Neat cement, 0 to 57.0 feet
2775 (25)				ND	
2770 (30)					
2765 (35)				ND	

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BLE INC.

BUNNELL-LAMMONS ENGINEERING, INC.

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

GROUNDWATER MONITORING WELL NO. MW-12

PROJECT: Haywood County Francis Farm Landfill — PROJECT NO.: J10-1957-14

CLIENT: Haywood County — START: 8-11-10 END: 8-19-10

LOCATION: Haywood County, North Carolina — ELEVATION: 2800.28

DRILLER: Landprobe, M. King — LOGGED BY: B. Nisbeth

DRILLING METHOD: Schramm T450WS; 6-inch air hammer

DEPTH TO - WATER> INITIAL: dry AFTER 21 HOURS: 77.2 CAVING>

ELEVATION/ DEPTH (FT)	DESCRIPTION	SOIL TYPE	SAMPLES	PID (ppm) READING	MONITOR WELL INSTALLATION DETAILS
2760	Brown, micaceous, silty, fine to medium SAND - (residuum)				
2755 / 45	PARTIALLY WEATHERED ROCK which sampled as brown, micaceous, silty, fine to medium SAND with rock fragments			ND	
2750 / 50					Neat cement, 0 to 57.0 feet
2745 / 55				ND	
					Bentonite seal, 57.0 to 61.0 feet
	Brown, micaceous, silty, fine to medium SAND - (soil)				
2740 / 60					Filter pack, sand 61.0 to 90.0 feet
	PARTIALLY WEATHERED ROCK which sampled as tan and brown, micaceous, silty, fine to medium SAND				
2735 / 65	ROCK which sampled as gray and brown, micaceous, silty, fine to medium SAND Fractures at 65 and 66.5 feet			ND	
2730 / 70	PARTIALLY WEATHERED ROCK which sampled as tan and brown, micaceous, silty, fine to medium SAND				2-inch diameter, 0.010-inch slotted Schedule 40 PVC well screen, 64.8 to 79.8 feet
2725 / 75	ROCK which sampled as light gray and tan, micaceous, silty, fine to medium SAND Fracture at 77 feet			ND	

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BUNNELL-LAMMONS ENGINEERING, INC.

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

GROUNDWATER MONITORING WELL NO. MW-12

PROJECT: Haywood County Francis Farm Landfill — PROJECT NO.: J10-1957-14

CLIENT: Haywood County — START: 8-11-10 END: 8-19-10

LOCATION: Haywood County, North Carolina — ELEVATION: 2800.28

DRILLER: Landprobe, M. King — LOGGED BY: B. Nisbeth

DRILLING METHOD: Schramm T450WS; 6-inch air hammer

DEPTH TO - WATER> INITIAL: dry AFTER 21 HOURS: 77.2 CAVING>

ELEVATION/ DEPTH (FT)	DESCRIPTION	SOIL TYPE	SAMPLES	PID (ppm) READING	MONITOR WELL INSTALLATION DETAILS
2720	ROCK which sampled as light gray and tan, micaceous, silty, fine to medium SAND Fracture at 81 feet				Pipe cap Total well depth, 80.0 feet
2715 / 85				ND	
2710 / 90	Boring terminated at 90 feet. No groundwater encountered at time of drilling, but was encountered at 77.2 feet after 21 hours.				
2705 / 95					
2700 / 100					
2695 / 105					
2690 / 110					
2685 / 115					

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BUNNELL-LAMMONS ENGINEERING, INC.

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

GROUNDWATER MONITORING WELL NO. MW-13

PROJECT: Haywood County Francis Farm Landfill — PROJECT NO.: J10-1957-14

CLIENT: Haywood County — START: 7-27-10 END: 8-19-10

LOCATION: Haywood County, North Carolina — ELEVATION: 2799.51

DRILLER: Landprobe, M. King — LOGGED BY: B. Nisbeth

DRILLING METHOD: Schramm T450WS; 6-inch air hammer

DEPTH TO - WATER> INITIAL: dry AFTER 360 HOURS: 83.5 CAVING>

ELEVATION/ DEPTH (FT)	DESCRIPTION	SOIL TYPE	SAMPLES	PID (ppm) READING	MONITOR WELL INSTALLATION DETAILS
	4-inches of GRAVEL				**SURFACE COMPLETION** Flush-mount below ground surface secured with an 8-inch diameter steel, bolted manhole cover
	Brown, micaceous, silty, fine to medium SAND - (residuum)				
2795 / 5				ND	Ground surface elev. = 2,799.51 feet
					Top of PVC casing elev. = 2,799.14 feet
					Northing = 661,377.43'
2790 / 10					Easting = 821,791.88'
2785 / 15				ND	
2780 / 20					Neat cement, 0 to 67.0 feet
2775 / 25				ND	
2770 / 30					
2765 / 35				ND	
2760					

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GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

GROUNDWATER MONITORING WELL NO. MW-13

PROJECT: Haywood County Francis Farm Landfill — PROJECT NO.: J10-1957-14

CLIENT: Haywood County — START: 7-27-10 END: 8-19-10

LOCATION: Haywood County, North Carolina — ELEVATION: 2799.51

DRILLER: Landprobe, M. King — LOGGED BY: B. Nisbeth

DRILLING METHOD: Schramm T450WS; 6-inch air hammer

DEPTH TO - WATER> INITIAL: dry AFTER 360 HOURS: 83.5 CAVING>

ELEVATION/ DEPTH (FT)	DESCRIPTION	SOIL TYPE	SAMPLES	PID (ppm) READING	MONITOR WELL INSTALLATION DETAILS
	Brown, micaceous, silty, fine to medium SAND - (residuum)				
2755 / 45				ND	
2750 / 50					Neat cement, 0 to 67.0 feet
2745 / 55				ND	
2740 / 60					
2735 / 65	**PARTIALLY WEATHERED ROCK which sampled as tan and brown, micaceous, silty, fine to medium SAND**				
				ND	Bentonite seal, 67.0 to 71.0 feet
2730 / 70					Filter pack, sand 71.0 to 127.0 feet
2725 / 75				ND	
2720					2-inch diameter, 0.010-inch slotted Schedule 40 PVC well screen, 74.0 to 89.0 feet

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BUNNELL-LAMMONS ENGINEERING, INC.

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

GROUNDWATER MONITORING WELL NO. MW-13

PROJECT: Haywood County Francis Farm Landfill — PROJECT NO.: J10-1957-14

CLIENT: Haywood County — START: 7-27-10 END: 8-19-10

LOCATION: Haywood County, North Carolina — ELEVATION: 2799.51

DRILLER: Landprobe, M. King — LOGGED BY: B. Nisbeth

DRILLING METHOD: Schramm T450WS; 6-inch air hammer

DEPTH TO - WATER> INITIAL: dry AFTER 360 HOURS: 83.5 CAVING>

ELEVATION/ DEPTH (FT)	DESCRIPTION	SOIL TYPE	SAMPLES	PID (ppm) READING	MONITOR WELL INSTALLATION DETAILS
	PARTIALLY WEATHERED ROCK which sampled as tan and brown, micaceous, silty, fine to medium SAND				
	ROCK which sampled as light tan to brown, micaceous, silty, fine to medium SAND				
2715 / 85				ND	2-inch diameter, 0.010-inch slotted Schedule 40 PVC well screen, 74.0 to 89.0 feet
2710 / 90					Pipe cap Total well depth, 89.2 feet
	ROCK which sampled as tan and gray, micaceous, silty, fine to medium SAND				
2705 / 95				ND	
	Tan to brown, micaceous, silty, fine to medium SAND - (fracture)				
	ROCK which sampled as gray, micaceous, silty, fine to medium SAND				
2700 / 100					
2695 / 105					
	Fracture at 108 feet				
2690 / 110					
2685 / 115	Fractures at 114 and 116 feet				
2680					

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BLE INC.

BUNNELL-LAMMONS ENGINEERING, INC.

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

GROUNDWATER MONITORING WELL NO. MW-13

PROJECT: Haywood County Francis Farm Landfill — PROJECT NO.: J10-1957-14

CLIENT: Haywood County — START: 7-27-10 END: 8-19-10

LOCATION: Haywood County, North Carolina — ELEVATION: 2799.51

DRILLER: Landprobe, M. King — LOGGED BY: B. Nisbeth

DRILLING METHOD: Schramm T450WS; 6-inch air hammer

DEPTH TO - WATER> INITIAL: dry AFTER 360 HOURS: 83.5 CAVING>

ELEVATION/ DEPTH (FT)	DESCRIPTION	SOIL TYPE	SAMPLES	PID (ppm) READING	MONITOR WELL INSTALLATION DETAILS
2675 / 125	ROCK which sampled as gray, micaceous, silty, fine to medium SAND				Filter pack, sand 71.0 to 127.0 feet
2670 / 130	Boring terminated at 127.0 feet. No groundwater encountered at time of drilling but was encountered at 83.5 feet after 360 hours.				
2665 / 135					
2660 / 140					
2655 / 145					
2650 / 150					
2645 / 155					
2640					

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BUNNELL-LAMMONS ENGINEERING, INC.

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

GROUNDWATER MONITORING WELL NO. MW-14

PROJECT: Haywood County Francis Farm Landfill — PROJECT NO.: J10-1957-14

CLIENT: Haywood County — START: 7-28-10 END: 8-14-10

LOCATION: Haywood County, North Carolina — ELEVATION: 2770.64

DRILLER: Landprobe, M. King — LOGGED BY: B. Nisbeth

DRILLING METHOD: Schramm T450WS; 6-inch air hammer

DEPTH TO - WATER> INITIAL: dry AFTER 120 HOURS: 101.2 CAVING>

ELEVATION/ DEPTH (FT)	DESCRIPTION	SOIL TYPE	SAMPLES	PID (ppm) READING	MONITOR WELL INSTALLATION DETAILS
2770	No topsoil Brown, micaceous, silty, fine to medium SAND with cobbles - (fill)				**SURFACE COMPLETION** Flush-mount below ground surface secured with an 8-inch diameter steel, bolted manhole cover Ground surface elev. = 2,770.64 feet
2765 (5)	Brown, micaceous, silty, fine to medium SAND - (residuum)			ND	Top of PVC casing elev. = 2,770.34 feet Northing = 661,894.81' Easting = 821,755.37'
2760 (10)					
2755 (15)				ND	
2750 (20)					Neat cement, 0 to 54.7 feet
2745 (25)				ND	
	PARTIALLY WEATHERED ROCK which sampled as tan and brown, micaceous, silty, fine to medium SAND				
2740 (30)	ROCK which sampled as tan and gray, micaceous, silty, fine to medium SAND				
	Brown, micaceous, silty, fine to medium SAND - (fracture/soil seam)				
2735 (35)	ROCK which sampled as light gray, micaceous, silty, fine to medium SAND			ND	

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GROUNDWATER MONITORING WELL NO. MW-14

PROJECT: Haywood County Francis Farm Landfill — PROJECT NO.: J10-1957-14

CLIENT: Haywood County — START: 7-28-10 END: 8-14-10

LOCATION: Haywood County, North Carolina — ELEVATION: 2770.64

DRILLER: Landprobe, M. King — LOGGED BY: B. Nisbeth

DRILLING METHOD: Schramm T450WS; 6-inch air hammer

DEPTH TO - WATER> INITIAL: dry AFTER 120 HOURS: 101.2 CAVING>

ELEVATION/ DEPTH (FT)	DESCRIPTION	SOIL TYPE	SAMPLES	PID (ppm) READING	MONITOR WELL INSTALLATION DETAILS
2730	ROCK which sampled as light gray, micaceous, silty, fine to medium SAND				Neat cement, 0 to 54.7 feet
45 / 2725				ND	
50 / 2720					
55 / 2715				ND	Bentonite seal, 54.7 to 59.3 feet
60 / 2710					Filter pack, sand 59.3 to 120.0 feet
	Fracture at 62 feet				
65 / 2705				ND	
70 / 2700					
75 / 2695				ND	

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GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

GROUNDWATER MONITORING WELL NO. MW-14

PROJECT: Haywood County Francis Farm Landfill — PROJECT NO.: J10-1957-14

CLIENT: Haywood County — START: 7-28-10 END: 8-14-10

LOCATION: Haywood County, North Carolina — ELEVATION: 2770.64

DRILLER: Landprobe, M. King — LOGGED BY: B. Nisbeth

DRILLING METHOD: Schramm T450WS; 6-inch air hammer

DEPTH TO - WATER> INITIAL: dry AFTER 120 HOURS: 101.2 CAVING>

ELEVATION/ DEPTH (FT)	DESCRIPTION	SOIL TYPE	SAMPLES	PID (ppm) READING	MONITOR WELL INSTALLATION DETAILS
2690	ROCK which sampled as light gray, micaceous, silty, fine to medium SAND				Filter pack, sand 59.3 to 120.0 feet
85 / 2685				ND	
90 / 2680					
95 / 2675				ND	
	Fracture at 97 feet				
100 / 2670					2-inch diameter, 0.010-inch slotted Schedule 40 PVC well screen, 93.8 to 108.8 feet
	Fracture at 104 feet				
105 / 2665				ND	
					Pipe cap
110 / 2660					Total well depth, 109.0 feet
115 / 2655				ND	
	Fracture at 116 feet				

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BUNNELL-LAMMONS ENGINEERING, INC.

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

GROUNDWATER MONITORING WELL NO. MW-14

PROJECT: Haywood County Francis Farm Landfill — PROJECT NO.: J10-1957-14

CLIENT: Haywood County — START: 7-28-10 END: 8-14-10

LOCATION: Haywood County, North Carolina — ELEVATION: 2770.64

DRILLER: Landprobe, M. King — LOGGED BY: B. Nisbeth

DRILLING METHOD: Schramm T450WS; 6-inch air hammer

DEPTH TO - WATER> INITIAL: dry AFTER 120 HOURS: 101.2 CAVING>

ELEVATION/ DEPTH (FT)	DESCRIPTION	SOIL TYPE	SAMPLES	PID (ppm) READING	MONITOR WELL INSTALLATION DETAILS
2650	Boring terminated at 120.0 feet. No groundwater encountered at time of drilling, but was encountered at 101.2 feet after 120 hours.				
125 / 2645					
130 / 2640					
135 / 2635					
140 / 2630					
145 / 2625					
150 / 2620					
155 / 2615					

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BUNNELL-LAMMONS ENGINEERING, INC.

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

GROUNDWATER MONITORING WELL NO. MW-15

PROJECT: Haywood County Francis Farm Landfill — PROJECT NO.: J10-1957-14

CLIENT: Haywood County — START: 7-28-10 END: 8-4-10

LOCATION: Haywood County, North Carolina — ELEVATION: 2716.89

DRILLER: Landprobe, M. King — LOGGED BY: B. Nisbeth

DRILLING METHOD: Schramm T450WS; 6-inch air hammer

DEPTH TO - WATER> INITIAL: dry AFTER 120 HOURS: 83 CAVING>

ELEVATION/ DEPTH (FT)	DESCRIPTION	SOIL TYPE	SAMPLES	PID (ppm) READING	MONITOR WELL INSTALLATION DETAILS
	4-inches of TOPSOIL				**SURFACE COMPLETION** 2.68-foot stick-up with 4" x 4" x 5' long steel protective cover installed in a 3' x 3' x 4" thick concrete pad
2715	Brown, micaceous, silty, fine to medium SAND - (residuum)				1/4-inch vent and weep holes installed in the PVC casing and the protective cover, respectively
5				ND	
2710	PARTIALLY WEATHERED ROCK which sampled as tan and brown, micaceous, silty, fine to medium SAND				Ground surface elev. = 2,716.89 feet
					Top of PVC casing elev. = 2,719.57 feet
10					Northing = 662,338.59'
2705					Easting = 821,896.86'
15				ND	
2700					
20	ROCK which sampled as light gray, micaceous, silty, fine to medium SAND				Neat cement, 0 to 67.8 feet
2695	Fracture at 22 feet				
25				ND	
2690	Fracture at 28 feet				
30	Fracture/soil seam at 30 feet				
2685					
35				ND	
2680					

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BUNNELL-LAMMONS ENGINEERING, INC.

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

GROUNDWATER MONITORING WELL NO. MW-15

PROJECT: Haywood County Francis Farm Landfill — PROJECT NO.: J10-1957-14

CLIENT: Haywood County — START: 7-28-10 END: 8-4-10

LOCATION: Haywood County, North Carolina — ELEVATION: 2716.89

DRILLER: Landprobe, M. King — LOGGED BY: B. Nisbeth

DRILLING METHOD: Schramm T450WS; 6-inch air hammer

DEPTH TO - WATER> INITIAL: dry AFTER 120 HOURS: 83 CAVING>

ELEVATION/ DEPTH (FT)	DESCRIPTION	SOIL TYPE	SAMPLES	PID (ppm) READING	MONITOR WELL INSTALLATION DETAILS
2675	ROCK which sampled as light gray, micaceous, silty, fine to medium SAND				Neat cement, 0 to 67.8 feet
	Fracture at 43 feet				
45 / 2670				ND	
50 / 2665					
55 / 2660				ND	
60 / 2655					
65 / 2650				ND	Bentonite seal, 67.8 to 73.3 feet
70 / 2645					Filter pack, sand 73.3 to 163.0 feet
75 / 2640				ND	

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GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

GROUNDWATER MONITORING WELL NO. MW-15

PROJECT: Haywood County Francis Farm Landfill — PROJECT NO.: J10-1957-14

CLIENT: Haywood County — START: 7-28-10 END: 8-4-10

LOCATION: Haywood County, North Carolina — ELEVATION: 2716.89

DRILLER: Landprobe, M. King — LOGGED BY: B. Nisbeth

DRILLING METHOD: Schramm T450WS; 6-inch air hammer

DEPTH TO - WATER> INITIAL: dry AFTER 120 HOURS: 83 CAVING>

ELEVATION/ DEPTH (FT)	DESCRIPTION	SOIL TYPE	SAMPLES	PID (ppm) READING	MONITOR WELL INSTALLATION DETAILS
2635	ROCK which sampled as light gray, micaceous, silty, fine to medium SAND				Filter pack, sand 73.3 to 163.0 feet
85				ND	2-inch diameter, 0.010-inch slotted Schedule 40 PVC well screen, 75.8 to 90.8 feet
2630					
90					Pipe cap
2625					Total well depth, 91.0 feet
95				ND	
2620					
100					
2615					
105				ND	
2610					
110					
2605					
115				ND	
2600					

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BUNNELL-LAMMONS ENGINEERING, INC.

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

GROUNDWATER MONITORING WELL NO. MW-15

PROJECT: Haywood County Francis Farm Landfill — PROJECT NO.: J10-1957-14

CLIENT: Haywood County — START: 7-28-10 END: 8-4-10

LOCATION: Haywood County, North Carolina — ELEVATION: 2716.89

DRILLER: Landprobe, M. King — LOGGED BY: B. Nisbeth

DRILLING METHOD: Schramm T450WS; 6-inch air hammer

DEPTH TO - WATER> INITIAL: dry AFTER 120 HOURS: 83 CAVING>

ELEVATION/ DEPTH (FT)	DESCRIPTION	SOIL TYPE	SAMPLES	PID (ppm) READING	MONITOR WELL INSTALLATION DETAILS
2595	ROCK which sampled as light gray, micaceous, silty, fine to medium SAND				Filter pack, sand 73.3 to 163.0 feet
125				ND	
2590					
130					
2585					
	Fracture at 134 feet				
135				ND	
2580	Fracture at 137 feet				
140					
2575					
145				ND	
2570					
150					
	Fracture at 151 feet				
2565					
	Fracture at 154 feet				
155				ND	
2560					
	Fracture at 159 feet				

ENV_WELL_ONLY_PID 1957-14.GPJ 7/20/11

BLE INC.

BUNNELL-LAMMONS ENGINEERING, INC.

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS

GROUNDWATER MONITORING WELL NO. MW-15

PROJECT: Haywood County Francis Farm Landfill — PROJECT NO.: J10-1957-14

CLIENT: Haywood County — START: 7-28-10 END: 8-4-10

LOCATION: Haywood County, North Carolina — ELEVATION: 2716.89

DRILLER: Landprobe, M. King — LOGGED BY: B. Nisbeth

DRILLING METHOD: Schramm T450WS; 6-inch air hammer

DEPTH TO - WATER> INITIAL: dry AFTER 120 HOURS: 83 CAVING>

ELEVATION/ DEPTH (FT)	DESCRIPTION	SOIL TYPE	SAMPLES	PID (ppm) READING	MONITOR WELL INSTALLATION DETAILS
2555	ROCK which sampled as light gray, micaceous, silty, fine to medium SAND				Filter pack, sand 73.3 to 163.0 feet
165	Boring terminated at 163.0 feet. No groundwater encountered at time of drilling, but was encountered at 83.0 feet after 120 hours.				
2550					
170					
2545					
175					
2540					
180					
2535					
185					
2530					
190					
2525					
195					
2520					

ENV_WELL_ONLY_PID 1957-14.GPJ 7/20/11

APPENDIX E

MONITORING WELL DEVELOPMENT LOGS

MONITORING WELL DEVELOPMENT LOG

DATE	8/24/2010	**TOTAL WELL DEPTH (TWD); TOP OF CASING =**	11.22	1/100 ft
PERSONNEL	BPN	**DEPTH TO GROUND WATER (DGW) =**	7.60	1/100 ft
SITE	**Francis Farm**	**LENGTH OF WATER COLUMN (LWC) = TWD - DGW =**	3.62	1/100 ft
JOB #	**1957-14**	**1 CASING VOLUME (CV) = LWC x 0.17 =**	0.62	gallons
WELL ID	MW-6			
WEATHER	Clear	**TOTAL VOLUME OF WATER REMOVED =**	8.00	gallons
AIR TEMP.	80°F	**METHOD OF WELL DEVELOPMENT =**	Monsoon Pump	

TIME	VOLUME PURGED (gallons)	WATER TEMP (°C)	pH (units)	Eh	SPECIF. COND. (umho/cm)	TURBIDITY NTU	SAND CONTENT (%)	Remarks
1250	0.0	20.7	5.5		25.4	1400		Surged Initially
1440	5.0	19.6	5.5		25.1	320		
1530	7.0	22.3	5		22.6	50		
1620	8.0	22.1	5		23.1	12		

MONITORING WELL DEVELOPMENT LOG

DATE	8/24/2010	**TOTAL WELL DEPTH (TWD); TOP OF CASING =**	19.20	1/100 ft
PERSONNEL	BPN	**DEPTH TO GROUND WATER (DGW) =**	9.49	1/100 ft
SITE	**Francis Farm**	**LENGTH OF WATER COLUMN (LWC) = TWD - DGW =**	9.71	1/100 ft
JOB #	**1957-14**	**1 CASING VOLUME (CV) = LWC x 0.17 =**	1.65	gallons
WELL ID	MW-7			
WEATHER	Fog/Clear	**TOTAL VOLUME OF WATER REMOVED =**	90.00	gallons
AIR TEMP.	70°F	**METHOD OF WELL DEVELOPMENT =**	Monsoon Pump	

TIME	VOLUME PURGED (gallons)	WATER TEMP (°C)	pH (units)	Eh	SPECIF. COND. (umho/cm)	TURBIDITY NTU	SAND CONTENT (%)	Remarks
845	0.0	15.4	5		28.2	1600		Surged Initially
900	5.0	14.7	5		30.0	545		
910	10.0	14.8	5		31.0	870		Surged @ 10 gal
915	15.0	14.5	5		34.1	565		
930	20.0	14.4	5		36.0	815		Surged @ 20 gal
940	25.0	14.3	5		35.7	940		
955	30.0	14.6	5		32.1	165		
1005	35.0	14.2	5		35.9	125		
1015	40.0	14.1	5		36.1	95		
1030	45.0	14.6	5		31.7	20		
1040	50.0	15.6	5		36.1	920		Surged @ 50 gal
1105	60.0	14.5	5		36.6	150		
1130	70.0	15.0	5		38.1	10		
1200	80.0	14.9	5		38.5	5		
1225	90.0	14.9	5		38.4	5		

MONITORING WELL DEVELOPMENT LOG

DATE	8/23/2010	**TOTAL WELL DEPTH (TWD); TOP OF CASING =**	13.20	1/100 ft
PERSONNEL	BPN	**DEPTH TO GROUND WATER (DGW) =**	6.70	1/100 ft
SITE	**Francis Farm**	**LENGTH OF WATER COLUMN (LWC) = TWD - DGW =**	6.50	1/100 ft
JOB #	**1957-14**	**1 CASING VOLUME (CV) = LWC x 0.17 =**	1.11	gallons
WELL ID	MW-8			
WEATHER	Clear	**TOTAL VOLUME OF WATER REMOVED =**	90.0	gallons
AIR TEMP.	82°F	**METHOD OF WELL DEVELOPMENT =**	Monsoon Pump	

TIME	VOLUME PURGED (gallons)	WATER TEMP (°C)	pH (units)	Eh	SPECIF. COND. (umho/cm)	TURBIDITY NTU	SAND CONTENT (%)	Remarks
1320	0.0	19.3	5.0		12.2	1400		Surged Initially
1340	5.0	17	5.0		24.1	1300		
1350	10.0	17.1	5.0		23.5	1350		Surged @ 10 gal
1400	15.0	16.1	5.0		23.9	115		
1410	20.0	16.7	5.0		25.2	940		Surged @ 20 gal
1420	25.0	15.8	5.0		25.4	580		
1430	30.0	15.8	5.0		25.9	22		
1440	35.0	16.3	5.0		26.4	100		
1450	40.0	16.2	5.0		26.2	10		
1500	45.0	16.2	5.0		26.2	5		
1515	50.0	17.5	5.0		26.2	900		Surged @ 50 gal
1535	60.0	16.3	5.0		30.2	150		
1600	70.0	16.2	5.0		30.7	10		
1620	80.0	16.3	5.0		30.9	4		
1640	90.0	16.4	5.0		30.9	4		

MONITORING WELL DEVELOPMENT LOG

DATE	8/23/2010	**TOTAL WELL DEPTH (TWD); TOP OF CASING =**	12.00	1/100 ft
PERSONNEL	BPN	**DEPTH TO GROUND WATER (DGW) =**	2.78	1/100 ft
SITE	**Francis Farm**	**LENGTH OF WATER COLUMN (LWC) = TWD - DGW =**	9.22	1/100 ft
JOB #	**1957-14**	**1 CASING VOLUME (CV) = LWC x 0.17 =**	1.57	gallons
WELL ID	MW-9			
WEATHER	Clear	**TOTAL VOLUME OF WATER REMOVED =**	75.0	gallons
AIR TEMP.	75°F - 80°F	**METHOD OF WELL DEVELOPMENT =**	Monsoon Pump	

TIME	VOLUME PURGED (gallons)	WATER TEMP (°C)	pH (units)	Eh	SPECIF. COND. (umho/cm)	TURBIDITY NTU	SAND CONTENT (%)	Remarks
945	0.0	15.6	4.5		11.7	915		Surged Initially
1010	5.0	17.7	4.5		17.2	1150		
1025	10.0	17.0	4.5		15.8	950		Surged @ 10 gal
1045	15.0	18.4	4.5		17.8	85		
1100	20.0	18.0	4.5		19.1	435		Surged @ 20 gal
1110	25.0	17.3	4.5		17.7	740		
1120	30.0	16.9	4.5		21.3	350		
1130	35.0	16.3	4.5		21.0	45		
1140	40.0	17.6	4.5		20.6	6.5		
1215	45.0	18.0	4.5		21.3	1015		Surged @ 45 gal
1225	50.0	17.0	4.5		18.3	830		
1230	55.0	15.6	4.5		18.4	525		
1235	60.0	16.5	4.5		17.2	87		
1245	65.0	17.0	4.5		17.4	20		
1250	70.0	16.4	4.5		18.1	12		
1300	75.0	16.4	4.5		18.1	10		

MONITORING WELL DEVELOPMENT LOG

DATE	8/19/2010	**TOTAL WELL DEPTH (TWD); TOP OF CASING =**	12.20	1/100 ft
PERSONNEL	BPN	**DEPTH TO GROUND WATER (DGW) =**	2.41	1/100 ft
SITE	**Francis Farm**	**LENGTH OF WATER COLUMN (LWC) = TWD - DGW =**	9.79	1/100 ft
JOB #	**1957-14**	**1 CASING VOLUME (CV) = LWC x 0.17 =**	1.66	gallons
WELL ID	MW-10			
WEATHER	Cloudy	**TOTAL VOLUME OF WATER REMOVED =**	35.0	gallons
AIR TEMP.	80°F	**METHOD OF WELL DEVELOPMENT =**	Monsoon Pump	

TIME	VOLUME PURGED (gallons)	WATER TEMP (°C)	pH (units)	Eh	SPECIF. COND. (umho/cm)	TURBIDITY NTU	SAND CONTENT (%)	Remarks
1205	0.0	20.1	5.0		32.1	690		Surged Initially
1220	5.0	19.9	5.0		24.3	520		
1255	10.0	19.2	4.5		20.8	52		Surged @ 10 gal
1330	15.0	19.2	4.5		12.9	67		
1400	20.0	19.1	4.5		11.9	35		Surged @ 20 gal
1430	25.0	18.6	4.5		14.9	190		
1500	30.0	18.6	4.5		14.8	30		
1530	35.0	18.6	4.5		14.3	18		

MONITORING WELL DEVELOPMENT LOG

DATE	8/18/2010 & 8/31/2010	**TOTAL WELL DEPTH (TWD); TOP OF CASING =**	86.20	1/100 ft
PERSONNEL	BPN	**DEPTH TO GROUND WATER (DGW) =**	78.52	1/100 ft
SITE	**Francis Farm**	**LENGTH OF WATER COLUMN (LWC) = TWD - DGW =**	7.68	1/100 ft
JOB #	**1957-14**	**1 CASING VOLUME (CV) = LWC x 0.17 =**	1.31	gallons
WELL ID	MW-11			
WEATHER	Cloudy/Clear	**TOTAL VOLUME OF WATER REMOVED =**	15.0	gallons
AIR TEMP.	80°F/80°F	**METHOD OF WELL DEVELOPMENT =**	Monsoon Pump	

TIME	VOLUME PURGED (gallons)	WATER TEMP (°C)	pH (units)	Eh	SPECIF. COND. (umho/cm)	TURBIDITY NTU	SAND CONTENT (%)	Remarks
8/18/2010								
1115	0.0	20.2	7.0		37.6	270		Surged Initially
1245	4.0	19.2	7.0		42.3	540		
1430	8.0	19.1	7.0		40.1	180		
1620	10.0	21.3	7.0		58.5	300		Dry @ 10 gal
8/31/2010								
1115	0.0	17.6	7.0		27.4	680		Surged
1300	5.0	23.6	7.0		53.0	300		Dry @ 5 gal

MONITORING WELL DEVELOPMENT LOG

DATE	8/26/2010 & 8/31/2010	**TOTAL WELL DEPTH (TWD); TOP OF CASING =**	83.25	1/100 ft
PERSONNEL	BPN	**DEPTH TO GROUND WATER (DGW) =**	74.53	1/100 ft
SITE	**Francis Farm**	**LENGTH OF WATER COLUMN (LWC) = TWD - DGW =**	8.72	1/100 ft
JOB #	**1957-14**	**1 CASING VOLUME (CV) = LWC x 0.17 =**	1.48	gallons
WELL ID	MW-12			
WEATHER	Fog/Clear	**TOTAL VOLUME OF WATER REMOVED =**	12.0	gallons
AIR TEMP.	68°F - 84°F	**METHOD OF WELL DEVELOPMENT =**	Monsoon Pump	

TIME	VOLUME PURGED (gallons)	WATER TEMP (°C)	pH (units)	Eh	SPECIF. COND. (umho/cm)	TURBIDITY NTU	SAND CONTENT (%)	Remarks
8/26/2010								
930	0.0	15.4	5.5		18.5	1500		Surged Initially
1100	5.0	19.3	5.5		24.2	830		
1245	7.0	21.9	5.5		11.9	60		Dry @ 7 gal
8/31/2010								
915	0.0	13.7	5.5		10.7	320		Surged
1035	5.0	18.6	5.5		18.9	250		Dry @ 5.5 gal

MONITORING WELL DEVELOPMENT LOG

DATE	8/26/2010 & 8/30/2010	**TOTAL WELL DEPTH (TWD); TOP OF CASING =**	89.20	1/100 ft
PERSONNEL	BPN	**DEPTH TO GROUND WATER (DGW) =**	83.20	1/100 ft
SITE	**Francis Farm**	**LENGTH OF WATER COLUMN (LWC) = TWD - DGW =**	6.00	1/100 ft
JOB #	**1957-14**	**1 CASING VOLUME (CV) = LWC x 0.17 =**	1.02	gallons
WELL ID	MW-13			
WEATHER	Clear/Clear	**TOTAL VOLUME OF WATER REMOVED =**	12.0	gallons
AIR TEMP.	84°F/84°F	**METHOD OF WELL DEVELOPMENT =**	Monsoon Pump	

TIME	VOLUME PURGED (gallons)	WATER TEMP (°C)	pH (units)	Eh	SPECIF. COND. (umho/cm)	TURBIDITY NTU	SAND CONTENT (%)	Remarks
8/26/2010								
1330	0.0	21.8	6.0		36.6	1600		Surged Initially
1500	5.0	22.3	6.0		57.3	900		
1600	7.0	17.2	6.0		51.2	775		Dry @ 7 gal
8/30/2010								
1330	0.0	18.2	5.0		67.4	750		Surged
1440	4.0	20.3	5.0		59.3	150		
1520	5.0	20.1	5.0		62.1	100		Dry @ 5 gal

MONITORING WELL DEVELOPMENT LOG

DATE	8/17/2010 & 8/30/2010	**TOTAL WELL DEPTH (TWD); TOP OF CASING =**	109.20	1/100 ft
PERSONNEL	BPN	**DEPTH TO GROUND WATER (DGW) =**	78.55	1/100 ft
SITE	**Francis Farm**	**LENGTH OF WATER COLUMN (LWC) = TWD - DGW =**	30.65	1/100 ft
JOB #	**1957-14**	**1 CASING VOLUME (CV) = LWC x 0.17 =**	5.21	gallons
WELL ID	MW-14			
WEATHER	Clear/Clear	**TOTAL VOLUME OF WATER REMOVED =**	27.0	gallons
AIR TEMP.	83°F/80°F	**METHOD OF WELL DEVELOPMENT =**	Monsoon Pump	

TIME	VOLUME PURGED (gallons)	WATER TEMP (°C)	pH (units)	Eh	SPECIF. COND. (umho/cm)	TURBIDITY NTU	SAND CONTENT (%)	Remarks
8/17/2010								
1030	0.0	18.4	7.0		101.4	103		Surged Initially
1055	5.0	17.4	7.0		82.3	175		
1125	10.0	18.2	7.0		75.5	750		
1305	15.0	18.1	7.0		48.2	915		Dry @ 15 gal
8/30/2010								
1130	0.0	19.2	6.5		49.9	1200		Surged
1200	5.0	18	6.5		64.9	915		
1230	10.0	18.3	7.0		41.9	500		
1300	12.0	19.1	7.0		61.2	230		Dry @ 12 gal

MONITORING WELL DEVELOPMENT LOG

DATE	8/16/2010 & 8/30/2010	**TOTAL WELL DEPTH (TWD); TOP OF CASING =**	93.80	1/100 ft
PERSONNEL	BPN	**DEPTH TO GROUND WATER (DGW) =**	82.55	1/100 ft
SITE	**Francis Farm**	**LENGTH OF WATER COLUMN (LWC) = TWD - DGW =**	11.25	1/100 ft
JOB #	**1957-14**	**1 CASING VOLUME (CV) = LWC x 0.17 =**	1.91	gallons
WELL ID	MW-15			
WEATHER	Clear/Clear	**TOTAL VOLUME OF WATER REMOVED =**	12.0	gallons
AIR TEMP.	82°F - 89°F/80°F	**METHOD OF WELL DEVELOPMENT =**	Monsoon Pump	

TIME	VOLUME PURGED (gallons)	WATER TEMP (°C)	pH (units)	Eh	SPECIF. COND. (umho/cm)	TURBIDITY NTU	SAND CONTENT (%)	Remarks
8/16/2010								
1123	0.0	17.6	11.0		11.5	705		Surged Initially
1133	5.0	18.8	11.0		31.1	180		
1342	7.0	19.1	10.0		35.9	680		
1530	7.0							2nd Pump Fuse Blew
8/30/2010								
1005	0.0	18.2	8.0		14.9	375		Surged
1040	4.0	15.9	8.0		48.0	100		
1050	5.0	16.0	8.0		49.2	100		Dry @ 5

APPENDIX F

LABORATORY ANALYTICAL DATA

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

March 09, 2011

Mr. Stephen King
Haywood Co. Solid Waste
278 Recycle Rd.
Clyde, NC 28721

RE: Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288386

Dear Mr. King:
Enclosed are the analytical results for sample(s) received by the laboratory on February 23, 2011. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated 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,

Tom Williams

tom.williams@pacelabs.com
Project Manager

Enclosures

cc: Mr. Stephen King, Haywood Co. Solid Waste

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CERTIFICATIONS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288386

Charlotte Certification IDs

9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/LELAP Certification #: 04034
New Jersey Certification #: NC012
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
Pennsylvania Certification #: 68-00784
South Carolina Certification #: 99006001
South Carolina Drinking Water Cert. #: 99006003
Virginia Certification #: 00213
Connecticut Certification #: PH-0104
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Louisiana DHH Drinking Water # LA 100031
West Virginia Certification #: 357

Asheville Certification IDs

2225 Riverside Dr., Asheville, NC 28804
Connecticut Certification #: PH-0106
Florida/NELAP Certification #: E87648
Massachusetts Certification #: M-NC030
New Jersey Certification #: NC011
North Carolina Bioassay Certification #: 9
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
Pennsylvania Certification #: 68-03578
South Carolina Bioassay Certification #: 99030002
South Carolina Certification #: 99030001
Virginia Certification #: 00072
West Virginia Certification #: 356

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205 East Meadow Road - Suite A
Eden, NC 27288
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Pace Analytical Services, Inc.
2225 Riverside Dr.
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Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288386

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
9288386001	**MW-1A**		TRW	8	PASI-C
		EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
9288386002	**MW-2A**		TRW	8	PASI-C
		EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
9288386003	**MW-3A**		TRW	8	PASI-C
		EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
9288386004	**MW-4**		TRW	8	PASI-C
		EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
9288386005	**MW-5**		TRW	8	PASI-C
		EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
9288386006	**Equipment Blank**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
9288386007	**Travel Blank**	EPA 8260	MCK	53	PASI-C

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Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288386

Sample: MW-1A **Lab ID: 9288386001** Collected: 02/22/11 11:10 Received: 02/23/11 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		03/08/11 17:23		
Collected Date	**2/22/11**			1		03/08/11 17:23		
Collected Time	**11:10**			1		03/08/11 17:23		
Field pH	**5.86**	Std. Units		1		03/08/11 17:23		
Field Temperature	**13.6**	deg C		1		03/08/11 17:23		
Static Water Level	**48.32**	feet		1		03/08/11 17:23		
Field Specific Conductance	**375**	umhos/cm		1		03/08/11 17:23		
Turbidity	**0.31**	NTU		1		03/08/11 17:23		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:08	7440-36-0	
Arsenic	ND	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:08	7440-38-2	
Barium	**171**	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:08	7440-39-3	
Beryllium	ND	ug/L	1.0	1	03/04/11 17:00	03/07/11 13:08	7440-41-7	
Cadmium	ND	ug/L	1.0	1	03/04/11 17:00	03/07/11 13:08	7440-43-9	
Chromium	ND	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:08	7440-47-3	
Cobalt	**10.5**	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:08	7440-48-4	
Copper	ND	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:08	7440-50-8	
Lead	ND	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:08	7439-92-1	
Nickel	ND	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:08	7440-02-0	
Selenium	ND	ug/L	10.0	1	03/04/11 17:00	03/07/11 13:08	7782-49-2	
Silver	ND	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:08	7440-22-4	
Thallium	ND	ug/L	5.4	1	03/04/11 17:00	03/07/11 13:08	7440-28-0	
Vanadium	ND	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:08	7440-62-2	
Zinc	ND	ug/L	10.0	1	03/04/11 17:00	03/07/11 13:08	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		03/01/11 01:00	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		03/01/11 01:00	107-13-1	
Benzene	ND	ug/L	1.0	1		03/01/11 01:00	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		03/01/11 01:00	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		03/01/11 01:00	75-27-4	
Bromoform	ND	ug/L	1.0	1		03/01/11 01:00	75-25-2	
Bromomethane	ND	ug/L	2.0	1		03/01/11 01:00	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		03/01/11 01:00	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		03/01/11 01:00	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		03/01/11 01:00	56-23-5	
Chlorobenzene	**1.8**	ug/L	1.0	1		03/01/11 01:00	108-90-7	
Chloroethane	**1.5**	ug/L	1.0	1		03/01/11 01:00	75-00-3	
Chloroform	ND	ug/L	1.0	1		03/01/11 01:00	67-66-3	
Chloromethane	ND	ug/L	1.0	1		03/01/11 01:00	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		03/01/11 01:00	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		03/01/11 01:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		03/01/11 01:00	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		03/01/11 01:00	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		03/01/11 01:00	95-50-1	

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205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288386

Sample: MW-1A **Lab ID: 9288386001** Collected: 02/22/11 11:10 Received: 02/23/11 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,4-Dichlorobenzene	ND	ug/L	1.0	1		03/01/11 01:00	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		03/01/11 01:00	110-57-6	
1,1-Dichloroethane	**1.2**	ug/L	1.0	1		03/01/11 01:00	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		03/01/11 01:00	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		03/01/11 01:00	75-35-4	
cis-1,2-Dichloroethene	**1.0**	ug/L	1.0	1		03/01/11 01:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		03/01/11 01:00	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		03/01/11 01:00	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		03/01/11 01:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		03/01/11 01:00	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		03/01/11 01:00	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		03/01/11 01:00	591-78-6	
Iodomethane	ND	ug/L	5.0	1		03/01/11 01:00	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		03/01/11 01:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		03/01/11 01:00	108-10-1	
Styrene	ND	ug/L	1.0	1		03/01/11 01:00	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		03/01/11 01:00	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		03/01/11 01:00	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		03/01/11 01:00	127-18-4	
Toluene	ND	ug/L	1.0	1		03/01/11 01:00	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		03/01/11 01:00	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		03/01/11 01:00	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		03/01/11 01:00	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		03/01/11 01:00	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		03/01/11 01:00	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		03/01/11 01:00	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		03/01/11 01:00	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		03/01/11 01:00	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		03/01/11 01:00	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		03/01/11 01:00	95-47-6	
4-Bromofluorobenzene (S)	99	%	70-130	1		03/01/11 01:00	460-00-4	
Dibromofluoromethane (S)	118	%	70-130	1		03/01/11 01:00	1868-53-7	
1,2-Dichloroethane-d4 (S)	125	%	70-130	1		03/01/11 01:00	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		03/01/11 01:00	2037-26-5	

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Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288386

Sample: MW-2A **Lab ID: 9288386002** Collected: 02/22/11 15:40 Received: 02/23/11 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		03/08/11 17:24		
Collected Date	**2/22/11**			1		03/08/11 17:24		
Collected Time	**15:40**			1		03/08/11 17:24		
Field pH	**5.78**	Std. Units		1		03/08/11 17:24		
Field Temperature	**12.6**	deg C		1		03/08/11 17:24		
Static Water Level	**25.96**	feet		1		03/08/11 17:24		
Field Specific Conductance	**498**	umhos/cm		1		03/08/11 17:24		
Turbidity	**4.80**	NTU		1		03/08/11 17:24		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:12	7440-36-0	
Arsenic	ND	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:12	7440-38-2	
Barium	**191**	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:12	7440-39-3	
Beryllium	ND	ug/L	1.0	1	03/04/11 17:00	03/07/11 13:12	7440-41-7	
Cadmium	ND	ug/L	1.0	1	03/04/11 17:00	03/07/11 13:12	7440-43-9	
Chromium	ND	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:12	7440-47-3	
Cobalt	**55.5**	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:12	7440-48-4	
Copper	ND	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:12	7440-50-8	
Lead	ND	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:12	7439-92-1	
Nickel	ND	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:12	7440-02-0	
Selenium	ND	ug/L	10.0	1	03/04/11 17:00	03/07/11 13:12	7782-49-2	
Silver	ND	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:12	7440-22-4	
Thallium	ND	ug/L	5.4	1	03/04/11 17:00	03/07/11 13:12	7440-28-0	
Vanadium	ND	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:12	7440-62-2	
Zinc	ND	ug/L	10.0	1	03/04/11 17:00	03/07/11 13:12	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		03/01/11 01:25	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		03/01/11 01:25	107-13-1	
Benzene	ND	ug/L	1.0	1		03/01/11 01:25	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		03/01/11 01:25	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		03/01/11 01:25	75-27-4	
Bromoform	ND	ug/L	1.0	1		03/01/11 01:25	75-25-2	
Bromomethane	ND	ug/L	2.0	1		03/01/11 01:25	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		03/01/11 01:25	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		03/01/11 01:25	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		03/01/11 01:25	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		03/01/11 01:25	108-90-7	
Chloroethane	ND	ug/L	1.0	1		03/01/11 01:25	75-00-3	
Chloroform	ND	ug/L	1.0	1		03/01/11 01:25	67-66-3	
Chloromethane	ND	ug/L	1.0	1		03/01/11 01:25	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		03/01/11 01:25	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		03/01/11 01:25	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		03/01/11 01:25	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		03/01/11 01:25	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		03/01/11 01:25	95-50-1	

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Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288386

Sample: MW-2A **Lab ID: 9288386002** Collected: 02/22/11 15:40 Received: 02/23/11 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,4-Dichlorobenzene	**7.0**	ug/L	1.0	1		03/01/11 01:25	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		03/01/11 01:25	110-57-6	
1,1-Dichloroethane	**1.4**	ug/L	1.0	1		03/01/11 01:25	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		03/01/11 01:25	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		03/01/11 01:25	75-35-4	
cis-1,2-Dichloroethene	**5.6**	ug/L	1.0	1		03/01/11 01:25	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		03/01/11 01:25	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		03/01/11 01:25	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		03/01/11 01:25	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		03/01/11 01:25	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		03/01/11 01:25	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		03/01/11 01:25	591-78-6	
Iodomethane	ND	ug/L	5.0	1		03/01/11 01:25	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		03/01/11 01:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		03/01/11 01:25	108-10-1	
Styrene	ND	ug/L	1.0	1		03/01/11 01:25	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		03/01/11 01:25	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		03/01/11 01:25	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		03/01/11 01:25	127-18-4	
Toluene	ND	ug/L	1.0	1		03/01/11 01:25	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		03/01/11 01:25	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		03/01/11 01:25	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		03/01/11 01:25	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		03/01/11 01:25	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		03/01/11 01:25	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		03/01/11 01:25	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		03/01/11 01:25	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		03/01/11 01:25	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		03/01/11 01:25	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		03/01/11 01:25	95-47-6	
4-Bromofluorobenzene (S)	101	%	70-130	1		03/01/11 01:25	460-00-4	
Dibromofluoromethane (S)	121	%	70-130	1		03/01/11 01:25	1868-53-7	
1,2-Dichloroethane-d4 (S)	121	%	70-130	1		03/01/11 01:25	17060-07-0	
Toluene-d8 (S)	101	%	70-130	1		03/01/11 01:25	2037-26-5	

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205 East Meadow Road - Suite A
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(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288386

Sample: MW-3A **Lab ID: 9288386003** Collected: 02/22/11 16:10 Received: 02/23/11 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		03/08/11 17:25		
Collected Date	**2/22/11**			1		03/08/11 17:25		
Collected Time	**16:10**			1		03/08/11 17:25		
Field pH	**5.65**	Std. Units		1		03/08/11 17:25		
Field Temperature	**12.2**	deg C		1		03/08/11 17:25		
Static Water Level	**41.10**	feet		1		03/08/11 17:25		
Field Specific Conductance	**370**	umhos/cm		1		03/08/11 17:25		
Turbidity	**7.56**	NTU		1		03/08/11 17:25		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:16	7440-36-0	
Arsenic	ND	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:16	7440-38-2	
Barium	**241**	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:16	7440-39-3	
Beryllium	ND	ug/L	1.0	1	03/04/11 17:00	03/07/11 13:16	7440-41-7	
Cadmium	ND	ug/L	1.0	1	03/04/11 17:00	03/07/11 13:16	7440-43-9	
Chromium	ND	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:16	7440-47-3	
Cobalt	**110**	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:16	7440-48-4	
Copper	**5.1**	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:16	7440-50-8	
Lead	ND	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:16	7439-92-1	
Nickel	**39.0**	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:16	7440-02-0	
Selenium	ND	ug/L	10.0	1	03/04/11 17:00	03/07/11 13:16	7782-49-2	
Silver	ND	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:16	7440-22-4	
Thallium	ND	ug/L	5.4	1	03/04/11 17:00	03/07/11 13:16	7440-28-0	
Vanadium	ND	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:16	7440-62-2	
Zinc	ND	ug/L	10.0	1	03/04/11 17:00	03/07/11 13:16	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		03/01/11 01:50	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		03/01/11 01:50	107-13-1	
Benzene	ND	ug/L	1.0	1		03/01/11 01:50	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		03/01/11 01:50	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		03/01/11 01:50	75-27-4	
Bromoform	ND	ug/L	1.0	1		03/01/11 01:50	75-25-2	
Bromomethane	ND	ug/L	2.0	1		03/01/11 01:50	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		03/01/11 01:50	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		03/01/11 01:50	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		03/01/11 01:50	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		03/01/11 01:50	108-90-7	
Chloroethane	**7.3**	ug/L	1.0	1		03/01/11 01:50	75-00-3	
Chloroform	ND	ug/L	1.0	1		03/01/11 01:50	67-66-3	
Chloromethane	ND	ug/L	1.0	1		03/01/11 01:50	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		03/01/11 01:50	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		03/01/11 01:50	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		03/01/11 01:50	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		03/01/11 01:50	74-95-3	
1,2-Dichlorobenzene	**1.1**	ug/L	1.0	1		03/01/11 01:50	95-50-1	

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288386

Sample: MW-3A **Lab ID: 9288386003** Collected: 02/22/11 16:10 Received: 02/23/11 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,4-Dichlorobenzene	**1.2**	ug/L	1.0	1		03/01/11 01:50	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		03/01/11 01:50	110-57-6	
1,1-Dichloroethane	**17.5**	ug/L	1.0	1		03/01/11 01:50	75-34-3	
1,2-Dichloroethane	**2.8**	ug/L	1.0	1		03/01/11 01:50	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		03/01/11 01:50	75-35-4	
cis-1,2-Dichloroethene	**1.6**	ug/L	1.0	1		03/01/11 01:50	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		03/01/11 01:50	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		03/01/11 01:50	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		03/01/11 01:50	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		03/01/11 01:50	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		03/01/11 01:50	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		03/01/11 01:50	591-78-6	
Iodomethane	ND	ug/L	5.0	1		03/01/11 01:50	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		03/01/11 01:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		03/01/11 01:50	108-10-1	
Styrene	ND	ug/L	1.0	1		03/01/11 01:50	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		03/01/11 01:50	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		03/01/11 01:50	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		03/01/11 01:50	127-18-4	
Toluene	ND	ug/L	1.0	1		03/01/11 01:50	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		03/01/11 01:50	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		03/01/11 01:50	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		03/01/11 01:50	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		03/01/11 01:50	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		03/01/11 01:50	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		03/01/11 01:50	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		03/01/11 01:50	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		03/01/11 01:50	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		03/01/11 01:50	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		03/01/11 01:50	95-47-6	
4-Bromofluorobenzene (S)	99	%	70-130	1		03/01/11 01:50	460-00-4	
Dibromofluoromethane (S)	121	%	70-130	1		03/01/11 01:50	1868-53-7	
1,2-Dichloroethane-d4 (S)	119	%	70-130	1		03/01/11 01:50	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		03/01/11 01:50	2037-26-5	

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Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288386

Sample: MW-4 **Lab ID: 9288386004** Collected: 02/22/11 14:10 Received: 02/23/11 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		03/08/11 17:28		
Collected Date	**2/22/11**			1		03/08/11 17:28		
Collected Time	**14:10**			1		03/08/11 17:28		
Field pH	**5.40**	Std. Units		1		03/08/11 17:28		
Field Temperature	**13.5**	deg C		1		03/08/11 17:28		
Static Water Level	**71.39**	feet		1		03/08/11 17:28		
Field Specific Conductance	**223**	umhos/cm		1		03/08/11 17:28		
Turbidity	**8.42**	NTU		1		03/08/11 17:28		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:20	7440-36-0	
Arsenic	ND	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:20	7440-38-2	
Barium	**163**	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:20	7440-39-3	
Beryllium	ND	ug/L	1.0	1	03/04/11 17:00	03/07/11 13:20	7440-41-7	
Cadmium	ND	ug/L	1.0	1	03/04/11 17:00	03/07/11 13:20	7440-43-9	
Chromium	ND	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:20	7440-47-3	
Cobalt	**13.5**	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:20	7440-48-4	
Copper	ND	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:20	7440-50-8	
Lead	ND	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:20	7439-92-1	
Nickel	**5.0**	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:20	7440-02-0	
Selenium	ND	ug/L	10.0	1	03/04/11 17:00	03/07/11 13:20	7782-49-2	
Silver	ND	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:20	7440-22-4	
Thallium	ND	ug/L	5.4	1	03/04/11 17:00	03/07/11 13:20	7440-28-0	
Vanadium	**6.1**	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:20	7440-62-2	
Zinc	**30.7**	ug/L	10.0	1	03/04/11 17:00	03/07/11 13:20	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		03/01/11 02:16	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		03/01/11 02:16	107-13-1	
Benzene	**15.5**	ug/L	1.0	1		03/01/11 02:16	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		03/01/11 02:16	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		03/01/11 02:16	75-27-4	
Bromoform	ND	ug/L	1.0	1		03/01/11 02:16	75-25-2	
Bromomethane	ND	ug/L	2.0	1		03/01/11 02:16	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		03/01/11 02:16	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		03/01/11 02:16	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		03/01/11 02:16	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		03/01/11 02:16	108-90-7	
Chloroethane	**3.1**	ug/L	1.0	1		03/01/11 02:16	75-00-3	
Chloroform	ND	ug/L	1.0	1		03/01/11 02:16	67-66-3	
Chloromethane	ND	ug/L	1.0	1		03/01/11 02:16	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		03/01/11 02:16	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		03/01/11 02:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		03/01/11 02:16	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		03/01/11 02:16	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		03/01/11 02:16	95-50-1	

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205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288386

Sample: MW-4 **Lab ID: 9288386004** Collected: 02/22/11 14:10 Received: 02/23/11 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,4-Dichlorobenzene	**4.7**	ug/L	1.0	1		03/01/11 02:16	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		03/01/11 02:16	110-57-6	
1,1-Dichloroethane	**31.9**	ug/L	1.0	1		03/01/11 02:16	75-34-3	
1,2-Dichloroethane	**2.0**	ug/L	1.0	1		03/01/11 02:16	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		03/01/11 02:16	75-35-4	
cis-1,2-Dichloroethene	**34.6**	ug/L	1.0	1		03/01/11 02:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		03/01/11 02:16	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		03/01/11 02:16	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		03/01/11 02:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		03/01/11 02:16	10061-02-6	
Ethylbenzene	**1.7**	ug/L	1.0	1		03/01/11 02:16	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		03/01/11 02:16	591-78-6	
Iodomethane	ND	ug/L	5.0	1		03/01/11 02:16	74-88-4	
Methylene Chloride	**46.6**	ug/L	2.0	1		03/01/11 02:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		03/01/11 02:16	108-10-1	
Styrene	ND	ug/L	1.0	1		03/01/11 02:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		03/01/11 02:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		03/01/11 02:16	79-34-5	
Tetrachloroethene	**6.7**	ug/L	1.0	1		03/01/11 02:16	127-18-4	
Toluene	**11.4**	ug/L	1.0	1		03/01/11 02:16	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		03/01/11 02:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		03/01/11 02:16	79-00-5	
Trichloroethene	**7.0**	ug/L	1.0	1		03/01/11 02:16	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		03/01/11 02:16	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		03/01/11 02:16	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		03/01/11 02:16	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		03/01/11 02:16	75-01-4	
Xylene (Total)	**12.6**	ug/L	2.0	1		03/01/11 02:16	1330-20-7	
m&p-Xylene	**8.4**	ug/L	2.0	1		03/01/11 02:16	179601-23-1	
o-Xylene	**4.2**	ug/L	1.0	1		03/01/11 02:16	95-47-6	
4-Bromofluorobenzene (S)	110	%	70-130	1		03/01/11 02:16	460-00-4	
Dibromofluoromethane (S)	116	%	70-130	1		03/01/11 02:16	1868-53-7	
1,2-Dichloroethane-d4 (S)	114	%	70-130	1		03/01/11 02:16	17060-07-0	
Toluene-d8 (S)	96	%	70-130	1		03/01/11 02:16	2037-26-5	

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205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288386

Sample: MW-5 **Lab ID: 9288386005** Collected: 02/22/11 14:50 Received: 02/23/11 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		03/08/11 17:29		
Collected Date	**2/22/11**			1		03/08/11 17:29		
Collected Time	**14:30**			1		03/08/11 17:29		
Field pH	**5.51**	Std. Units		1		03/08/11 17:29		
Field Temperature	**12.3**	deg C		1		03/08/11 17:29		
Static Water Level	**75.04**	feet		1		03/08/11 17:29		
Field Specific Conductance	**264**	umhos/cm		1		03/08/11 17:29		
Turbidity	**3.68**	NTU		1		03/08/11 17:29		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:23	7440-36-0	
Arsenic	ND	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:23	7440-38-2	
Barium	**237**	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:23	7440-39-3	
Beryllium	ND	ug/L	1.0	1	03/04/11 17:00	03/07/11 13:23	7440-41-7	
Cadmium	ND	ug/L	1.0	1	03/04/11 17:00	03/07/11 13:23	7440-43-9	
Chromium	ND	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:23	7440-47-3	
Cobalt	**16.8**	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:23	7440-48-4	
Copper	**155**	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:23	7440-50-8	
Lead	**7.2**	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:23	7439-92-1	
Nickel	**5.4**	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:23	7440-02-0	
Selenium	ND	ug/L	10.0	1	03/04/11 17:00	03/07/11 13:23	7782-49-2	
Silver	ND	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:23	7440-22-4	
Thallium	ND	ug/L	5.4	1	03/04/11 17:00	03/07/11 13:23	7440-28-0	
Vanadium	ND	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:23	7440-62-2	
Zinc	**90.4**	ug/L	10.0	1	03/04/11 17:00	03/07/11 13:23	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		03/01/11 02:41	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		03/01/11 02:41	107-13-1	
Benzene	**5.1**	ug/L	1.0	1		03/01/11 02:41	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		03/01/11 02:41	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		03/01/11 02:41	75-27-4	
Bromoform	ND	ug/L	1.0	1		03/01/11 02:41	75-25-2	
Bromomethane	ND	ug/L	2.0	1		03/01/11 02:41	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		03/01/11 02:41	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		03/01/11 02:41	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		03/01/11 02:41	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		03/01/11 02:41	108-90-7	
Chloroethane	**4.0**	ug/L	1.0	1		03/01/11 02:41	75-00-3	
Chloroform	ND	ug/L	1.0	1		03/01/11 02:41	67-66-3	
Chloromethane	ND	ug/L	1.0	1		03/01/11 02:41	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		03/01/11 02:41	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		03/01/11 02:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		03/01/11 02:41	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		03/01/11 02:41	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		03/01/11 02:41	95-50-1	

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Eden, NC 27288
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Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288386

Sample: MW-5 **Lab ID: 9288386005** Collected: 02/22/11 14:50 Received: 02/23/11 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,4-Dichlorobenzene	**1.3**	ug/L	1.0	1		03/01/11 02:41	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		03/01/11 02:41	110-57-6	
1,1-Dichloroethane	**12.9**	ug/L	1.0	1		03/01/11 02:41	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		03/01/11 02:41	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		03/01/11 02:41	75-35-4	
cis-1,2-Dichloroethene	**14.4**	ug/L	1.0	1		03/01/11 02:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		03/01/11 02:41	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		03/01/11 02:41	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		03/01/11 02:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		03/01/11 02:41	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		03/01/11 02:41	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		03/01/11 02:41	591-78-6	
Iodomethane	ND	ug/L	5.0	1		03/01/11 02:41	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		03/01/11 02:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		03/01/11 02:41	108-10-1	
Styrene	ND	ug/L	1.0	1		03/01/11 02:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		03/01/11 02:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		03/01/11 02:41	79-34-5	
Tetrachloroethene	**5.6**	ug/L	1.0	1		03/01/11 02:41	127-18-4	
Toluene	ND	ug/L	1.0	1		03/01/11 02:41	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		03/01/11 02:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		03/01/11 02:41	79-00-5	
Trichloroethene	**4.8**	ug/L	1.0	1		03/01/11 02:41	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		03/01/11 02:41	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		03/01/11 02:41	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		03/01/11 02:41	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		03/01/11 02:41	75-01-4	
Xylene (Total)	**2.5**	ug/L	2.0	1		03/01/11 02:41	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		03/01/11 02:41	179601-23-1	
o-Xylene	**2.3**	ug/L	1.0	1		03/01/11 02:41	95-47-6	
4-Bromofluorobenzene (S)	106	%	70-130	1		03/01/11 02:41	460-00-4	
Dibromofluoromethane (S)	115	%	70-130	1		03/01/11 02:41	1868-53-7	
1,2-Dichloroethane-d4 (S)	116	%	70-130	1		03/01/11 02:41	17060-07-0	
Toluene-d8 (S)	97	%	70-130	1		03/01/11 02:41	2037-26-5	

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Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288386

Sample: Equipment Blank **Lab ID: 9288386006** Collected: 02/22/11 00:00 Received: 02/23/11 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:27	7440-36-0	
Arsenic	ND	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:27	7440-38-2	
Barium	ND	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:27	7440-39-3	
Beryllium	ND	ug/L	1.0	1	03/04/11 17:00	03/07/11 13:27	7440-41-7	
Cadmium	ND	ug/L	1.0	1	03/04/11 17:00	03/07/11 13:27	7440-43-9	
Chromium	ND	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:27	7440-47-3	
Cobalt	ND	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:27	7440-48-4	
Copper	ND	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:27	7440-50-8	
Lead	ND	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:27	7439-92-1	
Nickel	ND	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:27	7440-02-0	
Selenium	ND	ug/L	10.0	1	03/04/11 17:00	03/07/11 13:27	7782-49-2	
Silver	ND	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:27	7440-22-4	
Thallium	ND	ug/L	5.4	1	03/04/11 17:00	03/07/11 13:27	7440-28-0	
Vanadium	ND	ug/L	5.0	1	03/04/11 17:00	03/07/11 13:27	7440-62-2	
Zinc	ND	ug/L	10.0	1	03/04/11 17:00	03/07/11 13:27	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		03/01/11 03:06	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		03/01/11 03:06	107-13-1	
Benzene	ND	ug/L	1.0	1		03/01/11 03:06	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		03/01/11 03:06	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		03/01/11 03:06	75-27-4	
Bromoform	ND	ug/L	1.0	1		03/01/11 03:06	75-25-2	
Bromomethane	ND	ug/L	2.0	1		03/01/11 03:06	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		03/01/11 03:06	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		03/01/11 03:06	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		03/01/11 03:06	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		03/01/11 03:06	108-90-7	
Chloroethane	ND	ug/L	1.0	1		03/01/11 03:06	75-00-3	
Chloroform	ND	ug/L	1.0	1		03/01/11 03:06	67-66-3	
Chloromethane	ND	ug/L	1.0	1		03/01/11 03:06	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		03/01/11 03:06	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		03/01/11 03:06	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		03/01/11 03:06	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		03/01/11 03:06	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		03/01/11 03:06	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		03/01/11 03:06	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		03/01/11 03:06	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		03/01/11 03:06	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		03/01/11 03:06	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		03/01/11 03:06	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		03/01/11 03:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		03/01/11 03:06	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		03/01/11 03:06	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		03/01/11 03:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		03/01/11 03:06	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		03/01/11 03:06	100-41-4	

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2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288386

Sample: Equipment Blank **Lab ID: 9288386006** Collected: 02/22/11 00:00 Received: 02/23/11 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
2-Hexanone	ND	ug/L	5.0	1		03/01/11 03:06	591-78-6	
Iodomethane	ND	ug/L	5.0	1		03/01/11 03:06	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		03/01/11 03:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		03/01/11 03:06	108-10-1	
Styrene	ND	ug/L	1.0	1		03/01/11 03:06	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		03/01/11 03:06	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		03/01/11 03:06	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		03/01/11 03:06	127-18-4	
Toluene	ND	ug/L	1.0	1		03/01/11 03:06	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		03/01/11 03:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		03/01/11 03:06	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		03/01/11 03:06	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		03/01/11 03:06	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		03/01/11 03:06	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		03/01/11 03:06	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		03/01/11 03:06	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		03/01/11 03:06	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		03/01/11 03:06	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		03/01/11 03:06	95-47-6	
4-Bromofluorobenzene (S)	102	%	70-130	1		03/01/11 03:06	460-00-4	
Dibromofluoromethane (S)	122	%	70-130	1		03/01/11 03:06	1868-53-7	
1,2-Dichloroethane-d4 (S)	123	%	70-130	1		03/01/11 03:06	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		03/01/11 03:06	2037-26-5	

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2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288386

Sample: Travel Blank **Lab ID: 9288386007** Collected: 02/22/11 00:00 Received: 02/23/11 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		03/01/11 03:31	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		03/01/11 03:31	107-13-1	
Benzene	ND	ug/L	1.0	1		03/01/11 03:31	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		03/01/11 03:31	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		03/01/11 03:31	75-27-4	
Bromoform	ND	ug/L	1.0	1		03/01/11 03:31	75-25-2	
Bromomethane	ND	ug/L	2.0	1		03/01/11 03:31	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		03/01/11 03:31	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		03/01/11 03:31	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		03/01/11 03:31	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		03/01/11 03:31	108-90-7	
Chloroethane	ND	ug/L	1.0	1		03/01/11 03:31	75-00-3	
Chloroform	ND	ug/L	1.0	1		03/01/11 03:31	67-66-3	
Chloromethane	ND	ug/L	1.0	1		03/01/11 03:31	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		03/01/11 03:31	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		03/01/11 03:31	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		03/01/11 03:31	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		03/01/11 03:31	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		03/01/11 03:31	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		03/01/11 03:31	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		03/01/11 03:31	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		03/01/11 03:31	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		03/01/11 03:31	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		03/01/11 03:31	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		03/01/11 03:31	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		03/01/11 03:31	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		03/01/11 03:31	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		03/01/11 03:31	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		03/01/11 03:31	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		03/01/11 03:31	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		03/01/11 03:31	591-78-6	
Iodomethane	ND	ug/L	5.0	1		03/01/11 03:31	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		03/01/11 03:31	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		03/01/11 03:31	108-10-1	
Styrene	ND	ug/L	1.0	1		03/01/11 03:31	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		03/01/11 03:31	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		03/01/11 03:31	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		03/01/11 03:31	127-18-4	
Toluene	ND	ug/L	1.0	1		03/01/11 03:31	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		03/01/11 03:31	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		03/01/11 03:31	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		03/01/11 03:31	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		03/01/11 03:31	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		03/01/11 03:31	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		03/01/11 03:31	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		03/01/11 03:31	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		03/01/11 03:31	1330-20-7	

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2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288386

Sample: Travel Blank **Lab ID: 9288386007** Collected: 02/22/11 00:00 Received: 02/23/11 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
m&p-Xylene	ND	ug/L	2.0	1		03/01/11 03:31	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		03/01/11 03:31	95-47-6	
4-Bromofluorobenzene (S)	98	%	70-130	1		03/01/11 03:31	460-00-4	
Dibromofluoromethane (S)	121	%	70-130	1		03/01/11 03:31	1868-53-7	
1,2-Dichloroethane-d4 (S)	120	%	70-130	1		03/01/11 03:31	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		03/01/11 03:31	2037-26-5	

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Asheville, NC 28804
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9800 Kincey Ave. Suite 100
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(704)875-9092

QUALITY CONTROL DATA

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288386

QC Batch: MPRP/7962 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET NC Groundwater
Associated Lab Samples: 9288386001, 9288386002, 9288386003, 9288386004, 9288386005, 9288386006

METHOD BLANK: 573490 Matrix: Water
Associated Lab Samples: 9288386001, 9288386002, 9288386003, 9288386004, 9288386005, 9288386006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	ND	5.0	03/07/11 12:15	
Arsenic	ug/L	ND	5.0	03/07/11 12:15	
Barium	ug/L	ND	5.0	03/07/11 12:15	
Beryllium	ug/L	ND	1.0	03/07/11 12:15	
Cadmium	ug/L	ND	1.0	03/07/11 12:15	
Chromium	ug/L	ND	5.0	03/07/11 12:15	
Cobalt	ug/L	ND	5.0	03/07/11 12:15	
Copper	ug/L	ND	5.0	03/07/11 12:15	
Lead	ug/L	ND	5.0	03/07/11 12:15	
Nickel	ug/L	ND	5.0	03/07/11 12:15	
Selenium	ug/L	ND	10.0	03/07/11 12:15	
Silver	ug/L	ND	5.0	03/07/11 12:15	
Thallium	ug/L	ND	5.4	03/07/11 12:15	
Vanadium	ug/L	ND	5.0	03/07/11 12:15	
Zinc	ug/L	ND	10.0	03/07/11 12:15	

LABORATORY CONTROL SAMPLE: 573491

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	500	480	96	80-120	
Arsenic	ug/L	500	472	94	80-120	
Barium	ug/L	500	488	98	80-120	
Beryllium	ug/L	500	495	99	80-120	
Cadmium	ug/L	500	484	97	80-120	
Chromium	ug/L	500	483	97	80-120	
Cobalt	ug/L	500	490	98	80-120	
Copper	ug/L	500	480	96	80-120	
Lead	ug/L	500	480	96	80-120	
Nickel	ug/L	500	483	97	80-120	
Selenium	ug/L	500	478	96	80-120	
Silver	ug/L	250	241	96	80-120	
Thallium	ug/L	500	471	94	80-120	
Vanadium	ug/L	500	476	95	80-120	
Zinc	ug/L	500	485	97	80-120	

MATRIX SPIKE SAMPLE: 573492

Parameter	Units	9288548002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	ND	500	462	92	75-125	
Arsenic	ug/L	ND	500	460	92	75-125	

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288386

MATRIX SPIKE SAMPLE: 573492

Parameter	Units	9288548002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	10.8	500	480	94	75-125	
Beryllium	ug/L	ND	500	472	94	75-125	
Cadmium	ug/L	1.5	500	470	94	75-125	
Chromium	ug/L	ND	500	469	93	75-125	
Cobalt	ug/L	ND	500	469	93	75-125	
Copper	ug/L	ND	500	467	93	75-125	
Lead	ug/L	ND	500	456	91	75-125	
Nickel	ug/L	ND	500	466	93	75-125	
Selenium	ug/L	ND	500	463	92	75-125	
Silver	ug/L	ND	250	235	94	75-125	
Thallium	ug/L	ND	500	455	91	75-125	
Vanadium	ug/L	ND	500	465	93	75-125	
Zinc	ug/L	20.8	500	493	94	75-125	

SAMPLE DUPLICATE: 573493

Parameter	Units	9288548003 Result	Dup Result	RPD	Qualifiers
Antimony	ug/L	ND	ND		
Arsenic	ug/L	ND	ND		
Barium	ug/L	359	365	2	
Beryllium	ug/L	4.0	4.1	1	
Cadmium	ug/L	ND	ND		
Chromium	ug/L	ND	1.5J		
Cobalt	ug/L	25.6	25.5	0	
Copper	ug/L	ND	ND		
Lead	ug/L	ND	ND		
Nickel	ug/L	7.8	7.8	1	
Selenium	ug/L	ND	ND		
Silver	ug/L	ND	ND		
Thallium	ug/L	ND	ND		
Vanadium	ug/L	ND	2.3J		
Zinc	ug/L	74.1	76.6	3	

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QUALITY CONTROL DATA

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288386

QC Batch: MSV/14202 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 9288386001, 9288386002, 9288386003, 9288386004, 9288386005, 9288386006, 9288386007

METHOD BLANK: 570412 Matrix: Water
Associated Lab Samples: 9288386001, 9288386002, 9288386003, 9288386004, 9288386005, 9288386006, 9288386007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	02/28/11 21:37	
1,1,1-Trichloroethane	ug/L	ND	1.0	02/28/11 21:37	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	02/28/11 21:37	
1,1,2-Trichloroethane	ug/L	ND	1.0	02/28/11 21:37	
1,1-Dichloroethane	ug/L	ND	1.0	02/28/11 21:37	
1,1-Dichloroethene	ug/L	ND	1.0	02/28/11 21:37	
1,2,3-Trichloropropane	ug/L	ND	1.0	02/28/11 21:37	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	02/28/11 21:37	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	02/28/11 21:37	
1,2-Dichlorobenzene	ug/L	ND	1.0	02/28/11 21:37	
1,2-Dichloroethane	ug/L	ND	1.0	02/28/11 21:37	
1,2-Dichloropropane	ug/L	ND	1.0	02/28/11 21:37	
1,4-Dichlorobenzene	ug/L	ND	1.0	02/28/11 21:37	
2-Butanone (MEK)	ug/L	ND	5.0	02/28/11 21:37	
2-Hexanone	ug/L	ND	5.0	02/28/11 21:37	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	02/28/11 21:37	
Acetone	ug/L	ND	25.0	02/28/11 21:37	
Acrylonitrile	ug/L	ND	10.0	02/28/11 21:37	
Benzene	ug/L	ND	1.0	02/28/11 21:37	
Bromochloromethane	ug/L	ND	1.0	02/28/11 21:37	
Bromodichloromethane	ug/L	ND	1.0	02/28/11 21:37	
Bromoform	ug/L	ND	1.0	02/28/11 21:37	
Bromomethane	ug/L	ND	2.0	02/28/11 21:37	
Carbon disulfide	ug/L	ND	2.0	02/28/11 21:37	
Carbon tetrachloride	ug/L	ND	1.0	02/28/11 21:37	
Chlorobenzene	ug/L	ND	1.0	02/28/11 21:37	
Chloroethane	ug/L	ND	1.0	02/28/11 21:37	
Chloroform	ug/L	ND	1.0	02/28/11 21:37	
Chloromethane	ug/L	ND	1.0	02/28/11 21:37	
cis-1,2-Dichloroethene	ug/L	ND	1.0	02/28/11 21:37	
cis-1,3-Dichloropropene	ug/L	ND	1.0	02/28/11 21:37	
Dibromochloromethane	ug/L	ND	1.0	02/28/11 21:37	
Dibromomethane	ug/L	ND	1.0	02/28/11 21:37	
Ethylbenzene	ug/L	ND	1.0	02/28/11 21:37	
Iodomethane	ug/L	ND	5.0	02/28/11 21:37	
m&p-Xylene	ug/L	ND	2.0	02/28/11 21:37	
Methylene Chloride	ug/L	ND	2.0	02/28/11 21:37	
o-Xylene	ug/L	ND	1.0	02/28/11 21:37	
Styrene	ug/L	ND	1.0	02/28/11 21:37	
Tetrachloroethene	ug/L	ND	1.0	02/28/11 21:37	
Toluene	ug/L	ND	1.0	02/28/11 21:37	
trans-1,2-Dichloroethene	ug/L	ND	1.0	02/28/11 21:37	
trans-1,3-Dichloropropene	ug/L	ND	1.0	02/28/11 21:37	

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www.pacelabs.com

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

QUALITY CONTROL DATA

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288386

METHOD BLANK: 570412 Matrix: Water

Associated Lab Samples: 9288386001, 9288386002, 9288386003, 9288386004, 9288386005, 9288386006, 9288386007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,4-Dichloro-2-butene	ug/L	ND	1.0	02/28/11 21:37	
Trichloroethene	ug/L	ND	1.0	02/28/11 21:37	
Trichlorofluoromethane	ug/L	ND	1.0	02/28/11 21:37	
Vinyl acetate	ug/L	ND	2.0	02/28/11 21:37	
Vinyl chloride	ug/L	ND	1.0	02/28/11 21:37	
Xylene (Total)	ug/L	ND	2.0	02/28/11 21:37	
1,2-Dichloroethane-d4 (S)	%	119	70-130	02/28/11 21:37	
4-Bromofluorobenzene (S)	%	97	70-130	02/28/11 21:37	
Dibromofluoromethane (S)	%	119	70-130	02/28/11 21:37	
Toluene-d8 (S)	%	100	70-130	02/28/11 21:37	

LABORATORY CONTROL SAMPLE: 570413

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	51.0	102	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	49.0	98	70-130	
1,1,2-Trichloroethane	ug/L	50	50.8	102	70-130	
1,1-Dichloroethane	ug/L	50	50.6	101	70-130	
1,1-Dichloroethene	ug/L	50	50.5	101	70-132	
1,2,3-Trichloropropane	ug/L	50	49.2	98	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	49.3	99	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	51.4	103	70-130	
1,2-Dichlorobenzene	ug/L	50	52.3	105	70-130	
1,2-Dichloroethane	ug/L	50	49.0	98	70-130	
1,2-Dichloropropane	ug/L	50	50.6	101	70-130	
1,4-Dichlorobenzene	ug/L	50	49.7	99	70-130	
2-Butanone (MEK)	ug/L	100	97.6	98	70-145	
2-Hexanone	ug/L	100	94.0	94	70-144	
4-Methyl-2-pentanone (MIBK)	ug/L	100	93.6	94	70-140	
Acetone	ug/L	100	89.6	90	50-175	
Acrylonitrile	ug/L	250	234	94	70-143	
Benzene	ug/L	50	51.5	103	70-130	
Bromochloromethane	ug/L	50	49.4	99	70-130	
Bromodichloromethane	ug/L	50	51.1	102	70-130	
Bromoform	ug/L	50	52.7	105	70-130	
Bromomethane	ug/L	50	51.1	102	54-130	
Carbon disulfide	ug/L	50	49.2	98	70-131	
Carbon tetrachloride	ug/L	50	51.4	103	70-132	
Chlorobenzene	ug/L	50	51.4	103	70-130	
Chloroethane	ug/L	50	52.5	105	64-134	
Chloroform	ug/L	50	54.6	109	70-130	
Chloromethane	ug/L	50	51.3	103	64-130	
cis-1,2-Dichloroethene	ug/L	50	50.5	101	70-131	
cis-1,3-Dichloropropene	ug/L	50	46.3	93	70-130	

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ACCREDITED IN ACCORDANCE WITH nelac

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Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
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QUALITY CONTROL DATA

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288386

LABORATORY CONTROL SAMPLE: 570413

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dibromochloromethane	ug/L	50	53.0	106	70-130	
Dibromomethane	ug/L	50	48.1	96	70-131	
Ethylbenzene	ug/L	50	54.1	108	70-130	
Iodomethane	ug/L	100	104	104	49-180	
m&p-Xylene	ug/L	100	115	115	70-130	
Methylene Chloride	ug/L	50	53.1	106	63-130	
o-Xylene	ug/L	50	51.8	104	70-130	
Styrene	ug/L	50	51.8	104	70-130	
Tetrachloroethene	ug/L	50	52.0	104	70-130	
Toluene	ug/L	50	51.1	102	70-130	
trans-1,2-Dichloroethene	ug/L	50	49.5	99	70-130	
trans-1,3-Dichloropropene	ug/L	50	46.0	92	70-132	
trans-1,4-Dichloro-2-butene	ug/L	50	46.3	93	70-141	
Trichloroethene	ug/L	50	54.0	108	70-130	
Trichlorofluoromethane	ug/L	50	60.7	121	62-133	
Vinyl acetate	ug/L	100	105	105	66-157	
Vinyl chloride	ug/L	50	52.7	105	69-130	
Xylene (Total)	ug/L	150	166	111	70-130	
1,2-Dichloroethane-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Dibromofluoromethane (S)	%			99	70-130	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 570415 570416

Parameter	Units	9288024004 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	54.4	54.9	109	110	70-166	1	
Benzene	ug/L	ND	50	50	52.2	53.9	104	108	70-148	3	
Chlorobenzene	ug/L	ND	50	50	52.3	53.5	105	107	70-146	2	
Toluene	ug/L	ND	50	50	49.8	51.6	100	103	70-155	3	
Trichloroethene	ug/L	ND	50	50	46.8	47.7	94	95	69-151	2	
1,2-Dichloroethane-d4 (S)	%						106	110	70-130		
4-Bromofluorobenzene (S)	%						99	95	70-130		
Dibromofluoromethane (S)	%						108	108	70-130		
Toluene-d8 (S)	%						92	93	70-130		

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QUALIFIERS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288386

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.

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.

Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

LABORATORIES

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

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 2

1319737

Section A Required Client Information:

Company: HAYWOOD CO
Address: Clyde
Email To:
Phone: 627-8042 Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Stephen King
Copy To:
Purchase Order No.:
Project Name: FRANKLIN FARM LF
Project Number:

Section C Invoice Information:

Attention:
Company Name:
Address:
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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB 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) FLD	VOC Agar I	Metals Agar I	Static HLD	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 9288386
1	MW-1A					2-22-11	1110				4			1	3					X	X	X	X		-001
2	MW-2A					2-22	1540				4			1	3					X	X	X	X		-002
3	MW-3A					2-22	1610				4			1	3					X	X	X	X		-003
4	MW-4					2-22	1410				4			1	3					X	X	X	X		-004
5	MW-5					2-22	1430				4			1	3					X	X	X	X		-005
6	Travel Blank					2/22	000														X				-006
7	Equipment Blank					2-22	000														X	X			-007
8																									
9																									
10																									
11																									
12																									

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
		2-22-11	1545	Mark Swann Pace	2-22-11	1545				
	Mark Swann Pace	2-23-11	840	[illegible]	2/23/11	0840	2.5	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: MARK P. SWANN

SIGNATURE of SAMPLER: Mark Swann

DATE Signed (MM/DD/YY): 2-22-11

*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.

Sample Condition Upon Receipt

Pace Analytical

Client Name: Hayword C. Project # 9288386

Where Received: ☐ Huntersville ☑ Asheville ☐ Eden

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#2 -80344039 **Type of Ice:** Wet Blue None ☑ Samples on ice, cooling process has begun

Temp Correction Factor: Add / Subtract 0.5 C

Corrected Cooler Temp.: 2.5 C **Biological Tissue is Frozen:** Yes No

Date and Initials of person examining contents: Dm 9/23/11

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. [redacted]
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: WT		
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	TM
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed
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.
Trip Blank Custody Seals Present	☐Yes ☑No ☐N/A	
Pace Trip Blank Lot # (if purchased):_____		

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

SCURF Review: Dm **Date:** 2/24/11 **SRF Review:** Dm **Date:** 2/24/11

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)

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

March 16, 2011

Mr. Andy Alexander
Bunnell-Lammons Engineering
6004 Ponders Court
Greenville, SC 29615

RE: Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Dear Mr. Alexander:
Enclosed are the analytical results for sample(s) received by the laboratory on February 23, 2011. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated 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,

Bonnie McKee

Bonnie McKee for
Tom Williams
tom.williams@pacelabs.com
Project Manager

Enclosures

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CERTIFICATIONS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Ormond Beach Certification IDs

8 East Tower Circle, Ormond Beach, FL 32174
Alabama Certification #: 41320
Arizona Certification #: AZ0735
Colorado Certification: FL NELAC Reciprocity
Connecticut Certification #: PH 0216
Florida Certification #: E83079
Georgia Certification #: 955
Guam Certification: FL NELAC Reciprocity
Hawaii Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Kentucky Certification #: 90050
Louisiana Certification #: LA090012
Louisiana Environmental Certificate #: 05007
Maine Certification #: FL1264
Massachusetts Certification #: M-FL1264
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Montana Certification #: Cert 0074
Nevada Certification: FL NELAC Reciprocity
New Hampshire Certification #: 2958
New Jersey Certification #: FL765
New York Certification #: 11608
North Carolina Environmental Certificate #: 667
North Carolina Certification #: 12710
Pennsylvania Certification #: 68-547
Puerto Rico Certification #: FL01264
Tennessee Certification #: TN02974
Texas Certification: FL NELAC Reciprocity
Virginia Certification #: 00432
Wyoming Certification: FL NELAC Reciprocity

Charlotte Certification IDs

9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/LELAP Certification #: 04034
New Jersey Certification #: NC012
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
Pennsylvania Certification #: 68-00784
South Carolina Certification #: 99006001
South Carolina Drinking Water Cert. #: 99006003
Virginia Certification #: 00213
Connecticut Certification #: PH-0104
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Louisiana DHH Drinking Water # LA 100031
West Virginia Certification #: 357

Asheville Certification IDs

2225 Riverside Dr., Asheville, NC 28804
Connecticut Certification #: PH-0106
Florida/NELAP Certification #: E87648
Massachusetts Certification #: M-NC030
New Jersey Certification #: NC011
North Carolina Bioassay Certification #: 9
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
Pennsylvania Certification #: 68-03578
South Carolina Bioassay Certification #: 99030002
South Carolina Certification #: 99030001
Virginia Certification #: 00072
West Virginia Certification #: 356

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Eden, NC 27288
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Pace Analytical Services, Inc.
2225 Riverside Dr.
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SAMPLE SUMMARY

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Lab ID	Sample ID	Matrix	Date Collected	Date Received
9288391001	**44-03 MW6**	Water	02/22/11 11:40	02/23/11 08:30
9288391002	**44-03 MW7**	Water	02/22/11 16:20	02/23/11 08:30
9288391003	**44-03 MW8**	Water	02/22/11 17:00	02/23/11 08:30
9288391004	**44-03 MW9**	Water	02/22/11 17:30	02/23/11 08:30
9288391005	**44-03 MW10**	Water	02/22/11 17:45	02/23/11 08:30
9288391006	**44-03 MW11**	Water	02/22/11 15:15	02/23/11 08:30
9288391007	**44-03 MW12**	Water	02/22/11 14:50	02/23/11 08:30
9288391008	**44-03 MW13**	Water	02/22/11 12:15	02/23/11 08:30
9288391009	**44-03 MW14**	Water	02/22/11 13:00	02/23/11 08:30
9288391010	**44-03 MW15**	Water	02/22/11 13:30	02/23/11 08:30

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Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

SAMPLE ANALYTE COUNT

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
9288391001	**44-03 MW6**		TRW	8	PASI-C
		EPA 8081	RWF	21	PASI-O
		EPA 8082	CAH	8	PASI-C
		EPA 8151	LJM	5	PASI-O
		EPA 6010	JMW	16	PASI-A
		EPA 7470	EWS	1	PASI-A
		EPA 8270	BPJ	152	PASI-C
		EPA 8260	MCK	68	PASI-C
		SM 4500-S2D	RAB	1	PASI-A
		SM 4500-CN-E	LEP	1	PASI-A
9288391002	**44-03 MW7**		TRW	8	PASI-C
		EPA 8081	RWF	21	PASI-O
		EPA 8082	CAH	8	PASI-C
		EPA 8151	LJM	5	PASI-O
		EPA 6010	JMW	16	PASI-A
		EPA 7470	EWS	1	PASI-A
		EPA 8270	BPJ	121	PASI-C
		EPA 8260	MCK	68	PASI-C
		SM 4500-S2D	RAB	1	PASI-A
		SM 4500-CN-E	JDA	1	PASI-A
9288391003	**44-03 MW8**		TRW	8	PASI-C
		EPA 8081	RWF	21	PASI-O
		EPA 8082	CAH	8	PASI-C
		EPA 8151	LJM	5	PASI-O
		EPA 6010	JMW	16	PASI-A
		EPA 7470	EWS	1	PASI-A
		EPA 8270	BPJ	121	PASI-C
		EPA 8260	MCK	68	PASI-C
		SM 4500-S2D	RAB	1	PASI-A
		SM 4500-CN-E	JDA	1	PASI-A
9288391004	**44-03 MW9**		TRW	8	PASI-C
		EPA 8081	RWF	21	PASI-O
		EPA 8082	CAH	8	PASI-C
		EPA 8151	LJM	5	PASI-O
		EPA 6010	JMW	16	PASI-A
		EPA 7470	EWS	1	PASI-A
		EPA 8270	BPJ	121	PASI-C

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8260	MCK	68	PASI-C
		SM 4500-S2D	RAB	1	PASI-A
		SM 4500-CN-E	JDA	1	PASI-A
9288391005	**44-03 MW10**		TRW	8	PASI-C
		EPA 8081	RWF	21	PASI-O
		EPA 8082	CAH	8	PASI-C
		EPA 8151	LJM	5	PASI-O
		EPA 6010	JMW	16	PASI-A
		EPA 7470	EWS	1	PASI-A
		EPA 8270	BPJ	121	PASI-C
		EPA 8260	MCK	68	PASI-C
		SM 4500-S2D	RAB	1	PASI-A
		SM 4500-CN-E	JDA	1	PASI-A
9288391006	**44-03 MW11**		TRW	8	PASI-C
		EPA 8081	RWF	21	PASI-O
		EPA 8082	CAH	8	PASI-C
		EPA 8151	LJM	5	PASI-O
		EPA 6010	JMW	16	PASI-A
		EPA 7470	EWS	1	PASI-A
		EPA 8270	BPJ	121	PASI-C
		EPA 8260	MCK	68	PASI-C
		SM 4500-S2D	RAB	1	PASI-A
		SM 4500-CN-E	JDA	1	PASI-A
9288391007	**44-03 MW12**		TRW	8	PASI-C
		EPA 8081	RWF	21	PASI-O
		EPA 8082	CAH	8	PASI-C
		EPA 8151	LJM	5	PASI-O
		EPA 6010	JMW	16	PASI-A
		EPA 7470	EWS	1	PASI-A
		EPA 8270	BPJ	121	PASI-C
		EPA 8260	MCK	68	PASI-C
		SM 4500-S2D	RAB	1	PASI-A
		SM 4500-CN-E	JDA	1	PASI-A
9288391008	**44-03 MW13**		TRW	8	PASI-C
		EPA 8081	RWF	21	PASI-O
		EPA 8082	CAH	8	PASI-C
		EPA 8151	LJM	5	PASI-O

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Asheville, NC 28804
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Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6010	JMW	16	PASI-A
		EPA 7470	EWS	1	PASI-A
		EPA 8270	BPJ	121	PASI-C
		EPA 8260	MCK	68	PASI-C
		SM 4500-S2D	RAB	1	PASI-A
		SM 4500-CN-E	JDA	1	PASI-A
9288391009	**44-03 MW14**		TRW	8	PASI-C
		EPA 8081	RWF	21	PASI-O
		EPA 8082	CAH	8	PASI-C
		EPA 8151	LJM	5	PASI-O
		EPA 6010	JMW	16	PASI-A
		EPA 7470	EWS	1	PASI-A
		EPA 8270	BPJ	121	PASI-C
		EPA 8260	MCK	68	PASI-C
		SM 4500-S2D	RAB	1	PASI-A
		SM 4500-CN-E	LEP	1	PASI-A
9288391010	**44-03 MW15**		TRW	8	PASI-C
		EPA 8081	RWF	21	PASI-O
		EPA 8082	CAH	8	PASI-C
		EPA 8151	LJM	5	PASI-O
		EPA 6010	JMW	16	PASI-A
		EPA 7470	EWS	1	PASI-A
		EPA 8270	BPJ	121	PASI-C
		EPA 8260	MCK	68	PASI-C
		SM 4500-S2D	RAB	1	PASI-A
		SM 4500-CN-E	LEP	1	PASI-A

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW6 **Lab ID: 9288391001** Collected: 02/22/11 11:40 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:								
Collected By	**MPS**				1		03/08/11 17:47		
Collected Date	**2/22/11**				1		03/08/11 17:47		
Collected Time	**11:40**				1		03/08/11 17:47		
Field pH	**5.49**	Std. Units			1		03/08/11 17:47		
Field Temperature	**12.8**	deg C			1		03/08/11 17:47		
Static Water Level	**6.42**	feet			1		03/08/11 17:47		
Field Specific Conductance	**77**	umhos/cm			1		03/08/11 17:47		
Turbidity	**4.00**	NTU			1		03/08/11 17:47		
8081 GCS Pesticides	Analytical Method: EPA 8081								
4,4'-DDD	ND	ug/L	0.010	0.0019	1	02/28/11 16:12	03/01/11 15:45	72-54-8	
4,4'-DDE	ND	ug/L	0.010	0.00091	1	02/28/11 16:12	03/01/11 15:45	72-55-9	
4,4'-DDT	ND	ug/L	0.010	0.0036	1	02/28/11 16:12	03/01/11 15:45	50-29-3	
Aldrin	ND	ug/L	0.010	0.00051	1	02/28/11 16:12	03/01/11 15:45	309-00-2	
Chlordane (Technical)	ND	ug/L	0.51	0.081	1	02/28/11 16:12	03/01/11 15:45	57-74-9	
Dieldrin	ND	ug/L	0.010	0.00051	1	02/28/11 16:12	03/01/11 15:45	60-57-1	
Endosulfan I	ND	ug/L	0.010	0.00071	1	02/28/11 16:12	03/01/11 15:45	959-98-8	
Endosulfan II	ND	ug/L	0.010	0.00071	1	02/28/11 16:12	03/01/11 15:45	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.010	0.00061	1	02/28/11 16:12	03/01/11 15:45	1031-07-8	
Endrin	ND	ug/L	0.010	0.0017	1	02/28/11 16:12	03/01/11 15:45	72-20-8	
Endrin aldehyde	ND	ug/L	0.010	0.0072	1	02/28/11 16:12	03/01/11 15:45	7421-93-4	
Heptachlor	ND	ug/L	0.010	0.0015	1	02/28/11 16:12	03/01/11 15:45	76-44-8	
Heptachlor epoxide	ND	ug/L	0.010	0.00040	1	02/28/11 16:12	03/01/11 15:45	1024-57-3	
Methoxychlor	ND	ug/L	0.010	0.0071	1	02/28/11 16:12	03/01/11 15:45	72-43-5	
Toxaphene	ND	ug/L	0.51	0.29	1	02/28/11 16:12	03/01/11 15:45	8001-35-2	
alpha-BHC	ND	ug/L	0.010	0.00030	1	02/28/11 16:12	03/01/11 15:45	319-84-6	
beta-BHC	ND	ug/L	0.010	0.00051	1	02/28/11 16:12	03/01/11 15:45	319-85-7	
delta-BHC	ND	ug/L	0.010	0.00040	1	02/28/11 16:12	03/01/11 15:45	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.010	0.00020	1	02/28/11 16:12	03/01/11 15:45	58-89-9	
Tetrachloro-m-xylene (S)	88	%	66.5-120.3		1	02/28/11 16:12	03/01/11 15:45	877-09-8	
Decachlorobiphenyl (S)	33	%	41.7-109.1		1	02/28/11 16:12	03/01/11 15:45	2051-24-3	S5
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3535								
PCB-1016 (Aroclor 1016)	ND	ug/L	0.59	0.59	1	02/24/11 12:00	03/08/11 08:53	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.59	0.59	1	02/24/11 12:00	03/08/11 08:53	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.59	0.59	1	02/24/11 12:00	03/08/11 08:53	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.59	0.59	1	02/24/11 12:00	03/08/11 08:53	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.59	0.59	1	02/24/11 12:00	03/08/11 08:53	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.59	0.59	1	02/24/11 12:00	03/08/11 08:53	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.59	0.59	1	02/24/11 12:00	03/08/11 08:53	11096-82-5	
Decachlorobiphenyl (S)	61	%	10-132		1	02/24/11 12:00	03/08/11 08:53	2051-24-3	
8151 Chlorinated Herbicides	Analytical Method: EPA 8151								
2,4,5-T	ND	ug/L	2.0	0.042	1	03/01/11 12:00	03/01/11 21:19	93-76-5	

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Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW6 **Lab ID: 9288391001** Collected: 02/22/11 11:40 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8151 Chlorinated Herbicides	Analytical Method: EPA 8151								
2,4,5-TP (Silvex)	ND	ug/L	2.0	0.049	1	03/01/11 12:00	03/01/11 21:19	93-72-1	
2,4-D	ND	ug/L	2.0	0.23	1	03/01/11 12:00	03/01/11 21:19	94-75-7	
Dinoseb	ND	ug/L	1.0	0.058	1	03/01/11 12:00	03/01/11 21:19	88-85-7	
2,4-DCPA (S)	75	%	65.5-125.7		1	03/01/11 12:00	03/01/11 21:19	19719-28-9	
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	5.0	2.6	1	03/04/11 17:00	03/07/11 13:30	7440-36-0	
Arsenic	ND	ug/L	5.0	2.7	1	03/04/11 17:00	03/07/11 13:30	7440-38-2	
Barium	**54.0**	ug/L	5.0	0.20	1	03/04/11 17:00	03/07/11 13:30	7440-39-3	
Beryllium	ND	ug/L	1.0	0.10	1	03/04/11 17:00	03/07/11 13:30	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	03/04/11 17:00	03/07/11 13:30	7440-43-9	
Chromium	**2.5J**	ug/L	5.0	0.40	1	03/04/11 17:00	03/07/11 13:30	7440-47-3	
Cobalt	**1.3J**	ug/L	5.0	0.60	1	03/04/11 17:00	03/07/11 13:30	7440-48-4	
Copper	**1.1J**	ug/L	5.0	0.30	1	03/04/11 17:00	03/07/11 13:30	7440-50-8	
Lead	ND	ug/L	5.0	4.0	1	03/04/11 17:00	03/07/11 13:30	7439-92-1	
Nickel	**8.0**	ug/L	5.0	1.7	1	03/04/11 17:00	03/07/11 13:30	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	03/04/11 17:00	03/07/11 13:30	7782-49-2	
Silver	ND	ug/L	5.0	0.10	1	03/04/11 17:00	03/07/11 13:30	7440-22-4	
Thallium	ND	ug/L	5.4	3.0	1	03/04/11 17:00	03/07/11 13:30	7440-28-0	
Tin	ND	ug/L	5.0	1.8	1	03/04/11 17:00	03/07/11 13:30	7440-31-5	
Vanadium	**2.6J**	ug/L	5.0	0.20	1	03/04/11 17:00	03/07/11 13:30	7440-62-2	
Zinc	**5.1J**	ug/L	10.0	0.40	1	03/04/11 17:00	03/07/11 13:30	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.10	1	03/03/11 16:30	03/04/11 13:22	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Acenaphthene	ND	ug/L	10.0	0.25	1	03/01/11 17:00	03/07/11 11:21	83-32-9	
Acenaphthylene	ND	ug/L	10.0	0.21	1	03/01/11 17:00	03/07/11 11:21	208-96-8	
Acetophenone	ND	ug/L	10.0	0.99	1	03/01/11 17:00	03/07/11 11:21	98-86-2	
2-Acetylaminofluorene	ND	ug/L	20.0	5.8	1	03/01/11 17:00	03/07/11 11:21	53-96-3	
4-Aminobiphenyl	ND	ug/L	10.0	5.2	1	03/01/11 17:00	03/07/11 11:21	92-67-1	
Aniline	ND	ug/L	10.0	2.0	1	03/01/11 17:00	03/07/11 11:21	62-53-3	
Anthracene	ND	ug/L	10.0	0.14	1	03/01/11 17:00	03/07/11 11:21	120-12-7	
Aramite	ND	ug/L	100	4.9	1	03/01/11 17:00	03/07/11 11:21	140-57-8	
Atrazine	ND	ug/L	20.0	6.5	1	03/01/11 17:00	03/07/11 11:21	1912-24-9	
Benzal chloride	ND	ug/L	50.0	3.9	1	03/01/11 17:00	03/07/11 11:21	98-87-3	
Benzaldehyde	ND	ug/L	20.0	12.0	1	03/01/11 17:00	03/07/11 11:21	100-52-7	
Benzidine	ND	ug/L	50.0	5.1	1	03/01/11 17:00	03/07/11 11:21	92-87-5	
Benzo(a)anthracene	ND	ug/L	10.0	0.33	1	03/01/11 17:00	03/07/11 11:21	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	0.30	1	03/01/11 17:00	03/07/11 11:21	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	0.28	1	03/01/11 17:00	03/07/11 11:21	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	0.38	1	03/01/11 17:00	03/07/11 11:21	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	0.43	1	03/01/11 17:00	03/07/11 11:21	207-08-9	
Benzoic Acid	ND	ug/L	50.0	11.5	1	03/01/11 17:00	03/07/11 11:21	65-85-0	

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ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW6 **Lab ID: 9288391001** Collected: 02/22/11 11:40 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Benzophenone	ND	ug/L	10.0	4.9	1	03/01/11 17:00	03/07/11 11:21	119-61-9	
Benzyl alcohol	ND	ug/L	20.0	2.4	1	03/01/11 17:00	03/07/11 11:21	100-51-6	
Biphenyl (Diphenyl)	ND	ug/L	10.0	1.0	1	03/01/11 17:00	03/07/11 11:21	92-52-4	
4-Bromophenylphenyl ether	ND	ug/L	10.0	0.82	1	03/01/11 17:00	03/07/11 11:21	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	0.79	1	03/01/11 17:00	03/07/11 11:21	85-68-7	
Caprolactam	ND	ug/L	10.0	2.1	1	03/01/11 17:00	03/07/11 11:21	105-60-2	
Carbazole	ND	ug/L	10.0	0.54	1	03/01/11 17:00	03/07/11 11:21	86-74-8	
4-Chloro-3-methylphenol	ND	ug/L	20.0	3.7	1	03/01/11 17:00	03/07/11 11:21	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	2.8	1	03/01/11 17:00	03/07/11 11:21	106-47-8	
Chlorobenzilate	ND	ug/L	10.0	4.5	1	03/01/11 17:00	03/07/11 11:21	510-15-6	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	0.92	1	03/01/11 17:00	03/07/11 11:21	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.0	1	03/01/11 17:00	03/07/11 11:21	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	0.95	1	03/01/11 17:00	03/07/11 11:21	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.0	0.98	1	03/01/11 17:00	03/07/11 11:21	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.3	1	03/01/11 17:00	03/07/11 11:21	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	0.87	1	03/01/11 17:00	03/07/11 11:21	7005-72-3	
Chrysene	ND	ug/L	10.0	0.21	1	03/01/11 17:00	03/07/11 11:21	218-01-9	
n-Decane	ND	ug/L	10.0	0.91	1	03/01/11 17:00	03/07/11 11:21	124-18-5	
Diallate	ND	ug/L	10.0	5.4	1	03/01/11 17:00	03/07/11 11:21	2303-16-4	
Dibenz(a,h)anthracene	ND	ug/L	10.0	0.55	1	03/01/11 17:00	03/07/11 11:21	53-70-3	
Dibenzo(a,e)pyrene	ND	ug/L	50.0	3.4	1	03/01/11 17:00	03/07/11 11:21	192-65-4	
Dibenzofuran	ND	ug/L	10.0	0.89	1	03/01/11 17:00	03/07/11 11:21	132-64-9	
2,3-Dibromo-1-propanol phosph	ND	ug/L	75.0	8.0	1	03/01/11 17:00	03/07/11 11:21	126-72-7	
1,2-Dichlorobenzene	ND	ug/L	10.0	0.88	1	03/01/11 17:00	03/07/11 11:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	0.81	1	03/01/11 17:00	03/07/11 11:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	0.95	1	03/01/11 17:00	03/07/11 11:21	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	2.1	1	03/01/11 17:00	03/07/11 11:21	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.7	1	03/01/11 17:00	03/07/11 11:21	120-83-2	
2,6-Dichlorophenol	ND	ug/L	10.0	5.7	1	03/01/11 17:00	03/07/11 11:21	87-65-0	
2,3-Dichloroaniline	ND	ug/L	10.0	3.2	1	03/01/11 17:00	03/07/11 11:21	99-09-2	
Diethylphthalate	ND	ug/L	10.0	0.58	1	03/01/11 17:00	03/07/11 11:21	84-66-2	
Dimethoate	ND	ug/L	10.0	4.9	1	03/01/11 17:00	03/07/11 11:21	60-51-5	
P-Dimethylaminoazobenzene	ND	ug/L	5.0	2.7	1	03/01/11 17:00	03/07/11 11:21	60-11-7	
7,12-Dimethylbenz(a)anthracene	ND	ug/L	10.0	4.9	1	03/01/11 17:00	03/07/11 11:21	57-97-6	
3,3'-Dimethylbenzidine	ND	ug/L	10.0	9.6	1	03/01/11 17:00	03/07/11 11:21	119-93-7	
2,4-Dimethylphenol	ND	ug/L	10.0	1.2	1	03/01/11 17:00	03/07/11 11:21	105-67-9	
a,a-Dimethylphenylethylamine	ND	ug/L	50.0	8.4	1	03/01/11 17:00	03/07/11 11:21	122-09-8	
Dimethylphthalate	ND	ug/L	10.0	0.76	1	03/01/11 17:00	03/07/11 11:21	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	0.75	1	03/01/11 17:00	03/07/11 11:21	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	2.6	1	03/01/11 17:00	03/07/11 11:21	534-52-1	
1,3-Dinitrobenzene	ND	ug/L	20.0	5.1	1	03/01/11 17:00	03/07/11 11:21	99-65-0	
1,4-Dinitrobenzene	ND	ug/L	20.0	5.0	1	03/01/11 17:00	03/07/11 11:21	100-25-4	
2,4-Dinitrophenol	ND	ug/L	50.0	9.0	1	03/01/11 17:00	03/07/11 11:21	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	0.90	1	03/01/11 17:00	03/07/11 11:21	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	0.98	1	03/01/11 17:00	03/07/11 11:21	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	0.66	1	03/01/11 17:00	03/07/11 11:21	117-84-0	

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Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW6 **Lab ID: 9288391001** Collected: 02/22/11 11:40 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Dinoseb	ND	ug/L	20.0	5.7	1	03/01/11 17:00	03/07/11 11:21	88-85-7	
Diphenylamine	ND	ug/L	10.0	1.0	1	03/01/11 17:00	03/07/11 11:21	122-39-4	
Diphenyl ether (Phenyl ether)	ND	ug/L	20.0	4.6	1	03/01/11 17:00	03/07/11 11:21	101-84-8	
1,2-Diphenylhydrazine	ND	ug/L	10.0	0.90	1	03/01/11 17:00	03/07/11 11:21	122-66-7	
Disulfoton	ND	ug/L	10.0	5.5	1	03/01/11 17:00	03/07/11 11:21	298-04-4	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	0.79	1	03/01/11 17:00	03/07/11 11:21	117-81-7	
Ethyl methanesulfonate	ND	ug/L	20.0	5.6	1	03/01/11 17:00	03/07/11 11:21	62-50-0	
Famphur	ND	ug/L	10.0	3.7	1	03/01/11 17:00	03/07/11 11:21	52-85-7	
Fluoranthene	ND	ug/L	10.0	0.21	1	03/01/11 17:00	03/07/11 11:21	206-44-0	
Fluorene	ND	ug/L	10.0	0.21	1	03/01/11 17:00	03/07/11 11:21	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	0.94	1	03/01/11 17:00	03/07/11 11:21	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	0.72	1	03/01/11 17:00	03/07/11 11:21	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	0.88	1	03/01/11 17:00	03/07/11 11:21	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.1	1	03/01/11 17:00	03/07/11 11:21	67-72-1	
Hexachlorophene	ND	ug/L	100	28.0	1	03/01/11 17:00	03/07/11 11:21	70-30-4	
Hexachloropropene	ND	ug/L	10.0	3.2	1	03/01/11 17:00	03/07/11 11:21	1888-71-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	0.29	1	03/01/11 17:00	03/07/11 11:21	193-39-5	
Isodrin	ND	ug/L	20.0	5.7	1	03/01/11 17:00	03/07/11 11:21	465-73-6	
Isophorone	ND	ug/L	10.0	0.89	1	03/01/11 17:00	03/07/11 11:21	78-59-1	
Isosafrole	ND	ug/L	10.0	4.4	1	03/01/11 17:00	03/07/11 11:21	120-58-1	
Kepone	ND	ug/L	10.0	8.3	1	03/01/11 17:00	03/07/11 11:21	143-50-0	
Methapyrilene	ND	ug/L	50.0	5.8	1	03/01/11 17:00	03/07/11 11:21	91-80-5	
3-Methylcholanthrene	ND	ug/L	10.0	2.6	1	03/01/11 17:00	03/07/11 11:21	56-49-5	
4,4'-Methylene-bis(2-chloroani	ND	ug/L	50.0	12.0	1	03/01/11 17:00	03/07/11 11:21	101-14-4	
Methyl methanesulfonate	ND	ug/L	5.0	3.7	1	03/01/11 17:00	03/07/11 11:21	66-27-3	
1-Methylnaphthalene	ND	ug/L	10.0	0.32	1	03/01/11 17:00	03/07/11 11:21	90-12-0	
2-Methylnaphthalene	ND	ug/L	10.0	0.28	1	03/01/11 17:00	03/07/11 11:21	91-57-6	
2-Methyl-5-nitroaniline	ND	ug/L	10.0	5.2	1	03/01/11 17:00	03/07/11 11:21	99-55-8	
Methyl parathion	ND	ug/L	10.0	4.9	1	03/01/11 17:00	03/07/11 11:21	298-00-0	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.6	1	03/01/11 17:00	03/07/11 11:21	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	2.0	1	03/01/11 17:00	03/07/11 11:21		
2-Naphthalenamine	ND	ug/L	5.0	3.0	1	03/01/11 17:00	03/07/11 11:21	91-59-8	
Naphthalene	ND	ug/L	10.0	0.34	1	03/01/11 17:00	03/07/11 11:21	91-20-3	
1-Naphthaleneamine	ND	ug/L	5.0	4.1	1	03/01/11 17:00	03/07/11 11:21	134-32-7	
1,4-Naphthoquinone	ND	ug/L	5.0	3.3	1	03/01/11 17:00	03/07/11 11:21	130-15-4	
2-Nitroaniline	ND	ug/L	50.0	2.0	1	03/01/11 17:00	03/07/11 11:21	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	2.0	1	03/01/11 17:00	03/07/11 11:21	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	2.1	1	03/01/11 17:00	03/07/11 11:21	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.1	1	03/01/11 17:00	03/07/11 11:21	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	0.91	1	03/01/11 17:00	03/07/11 11:21	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	4.1	1	03/01/11 17:00	03/07/11 11:21	100-02-7	
4-Nitroquinoline-n-oxide	ND	ug/L	50.0	13.0	1	03/01/11 17:00	03/07/11 11:21	56-57-5	
5-Nitro-o-toluidine	ND	ug/L	10.0	5.2	1	03/01/11 17:00	03/07/11 11:21	99-55-8	
N-Nitrosodiethylamine	ND	ug/L	20.0	5.6	1	03/01/11 17:00	03/07/11 11:21	55-18-5	
N-Nitrosodimethylamine	ND	ug/L	10.0	0.91	1	03/01/11 17:00	03/07/11 11:21	62-75-9	
N-Nitroso-di-n-butylamine	ND	ug/L	10.0	7.5	1	03/01/11 17:00	03/07/11 11:21	924-16-3	

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Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW6 **Lab ID: 9288391001** Collected: 02/22/11 11:40 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	0.99	1	03/01/11 17:00	03/07/11 11:21	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1.0	1	03/01/11 17:00	03/07/11 11:21	86-30-6	
N-Nitrosomethylethylamine	ND	ug/L	10.0	4.7	1	03/01/11 17:00	03/07/11 11:21	10595-95-6	
N-Nitrosomorpholine	ND	ug/L	10.0	6.7	1	03/01/11 17:00	03/07/11 11:21	59-89-2	
N-Nitrosopiperidine	ND	ug/L	20.0	5.7	1	03/01/11 17:00	03/07/11 11:21	100-75-4	
N-Nitrosopyrrolidine	ND	ug/L	10.0	6.9	1	03/01/11 17:00	03/07/11 11:21	930-55-2	
n-Octadecane	ND	ug/L	10.0	0.84	1	03/01/11 17:00	03/07/11 11:21	593-45-3	
O,O,O-Triethylphosphorothioate	ND	ug/L	10.0	5.1	1	03/01/11 17:00	03/07/11 11:21	126-68-1	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	0.95	1	03/01/11 17:00	03/07/11 11:21	108-60-1	
Parathion (Ethyl parathion)	ND	ug/L	10.0	5.1	1	03/01/11 17:00	03/07/11 11:21	56-38-2	
Pentachlorobenzene	ND	ug/L	10.0	4.3	1	03/01/11 17:00	03/07/11 11:21	608-93-5	
Pentachloroethane	ND	ug/L	20.0	3.3	1	03/01/11 17:00	03/07/11 11:21	76-01-7	
Pentachloronitrobenzene	ND	ug/L	20.0	4.8	1	03/01/11 17:00	03/07/11 11:21	82-68-8	
Pentachlorophenol	ND	ug/L	25.0	4.6	1	03/01/11 17:00	03/07/11 11:21	87-86-5	
Phenacetin	ND	ug/L	20.0	4.8	1	03/01/11 17:00	03/07/11 11:21	62-44-2	
Phenanthrene	ND	ug/L	10.0	0.22	1	03/01/11 17:00	03/07/11 11:21	85-01-8	
Phenol	ND	ug/L	10.0	1.9	1	03/01/11 17:00	03/07/11 11:21	108-95-2	
p-Phenylenediamine	ND	ug/L	10.0	6.7	1	03/01/11 17:00	03/07/11 11:21	106-50-3	
Phorate	ND	ug/L	10.0	5.4	1	03/01/11 17:00	03/07/11 11:21	298-02-2	
Phthalic anhydride	ND	ug/L	75.0	5.9	1	03/01/11 17:00	03/07/11 11:21	85-44-9	
2-Picoline	ND	ug/L	10.0	4.3	1	03/01/11 17:00	03/07/11 11:21	109-06-8	
Pronamide	ND	ug/L	10.0	5.8	1	03/01/11 17:00	03/07/11 11:21	23950-58-5	
Pyrene	ND	ug/L	10.0	0.19	1	03/01/11 17:00	03/07/11 11:21	129-00-0	
Pyridine	ND	ug/L	10.0	1.6	1	03/01/11 17:00	03/07/11 11:21	110-86-1	
Safrole	ND	ug/L	10.0	5.7	1	03/01/11 17:00	03/07/11 11:21	94-59-7	
Sulfotepp (Thiodiphosphoric Ac	ND	ug/L	20.0	6.1	1	03/01/11 17:00	03/07/11 11:21	3689-24-5	
Terpineol	ND	ug/L	10.0	5.2	1	03/01/11 17:00	03/07/11 11:21	98-55-5	
1,2,4,5-Tetrachlorobenzene	ND	ug/L	10.0	4.0	1	03/01/11 17:00	03/07/11 11:21	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	ug/L	10.0	1.2	1	03/01/11 17:00	03/07/11 11:21	58-90-2	
Thionazin	ND	ug/L	20.0	4.8	1	03/01/11 17:00	03/07/11 11:21	297-97-2	
2,6-Toluene diisocyanate	ND	ug/L	10.0	5.0	1	03/01/11 17:00	03/07/11 11:21	91-08-7	
O-Toluidine	ND	ug/L	10.0	5.7	1	03/01/11 17:00	03/07/11 11:21	95-53-4	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	0.98	1	03/01/11 17:00	03/07/11 11:21	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	10.0	0.92	1	03/01/11 17:00	03/07/11 11:21	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.3	1	03/01/11 17:00	03/07/11 11:21	88-06-2	
1,3,5-Trinitrobenzene	ND	ug/L	10.0	5.2	1	03/01/11 17:00	03/07/11 11:21	99-35-4	
Nitrobenzene-d5 (S)	66	%	21-110		1	03/01/11 17:00	03/07/11 11:21	4165-60-0	
2-Fluorobiphenyl (S)	68	%	27-110		1	03/01/11 17:00	03/07/11 11:21	321-60-8	
Terphenyl-d14 (S)	79	%	31-107		1	03/01/11 17:00	03/07/11 11:21	1718-51-0	
Phenol-d6 (S)	26	%	10-110		1	03/01/11 17:00	03/07/11 11:21	13127-88-3	
2-Fluorophenol (S)	38	%	12-110		1	03/01/11 17:00	03/07/11 11:21	367-12-4	
2,4,6-Tribromophenol (S)	73	%	27-110		1	03/01/11 17:00	03/07/11 11:21	118-79-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		02/27/11 22:56	67-64-1	
Acetonitrile	ND	ug/L	50.0	2.2	1		02/27/11 22:56	75-05-8	

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Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
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ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW6 **Lab ID: 9288391001** Collected: 02/22/11 11:40 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Acrolein	ND	ug/L	10.0	1.6	1		02/27/11 22:56	107-02-8	
Acrylonitrile	ND	ug/L	10.0	1.9	1		02/27/11 22:56	107-13-1	
Allyl chloride	ND	ug/L	2.0	1.5	1		02/27/11 22:56	107-05-1	
Benzene	ND	ug/L	1.0	0.25	1		02/27/11 22:56	71-43-2	
Bromochloromethane	ND	ug/L	1.0	0.17	1		02/27/11 22:56	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		02/27/11 22:56	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		02/27/11 22:56	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		02/27/11 22:56	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		02/27/11 22:56	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1.2	1		02/27/11 22:56	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		02/27/11 22:56	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		02/27/11 22:56	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		02/27/11 22:56	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		02/27/11 22:56	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		02/27/11 22:56	74-87-3	
Chloroprene	ND	ug/L	5.0	0.27	1		02/27/11 22:56	126-99-8	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		02/27/11 22:56	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		02/27/11 22:56	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		02/27/11 22:56	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		02/27/11 22:56	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		02/27/11 22:56	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		02/27/11 22:56	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		02/27/11 22:56	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1.0	1		02/27/11 22:56	110-57-6	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		02/27/11 22:56	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		02/27/11 22:56	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		02/27/11 22:56	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		02/27/11 22:56	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		02/27/11 22:56	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		02/27/11 22:56	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		02/27/11 22:56	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		02/27/11 22:56	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		02/27/11 22:56	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		02/27/11 22:56	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		02/27/11 22:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		02/27/11 22:56	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		02/27/11 22:56	100-41-4	
Ethyl methacrylate	ND	ug/L	1.0	0.20	1		02/27/11 22:56	97-63-2	
2-Hexanone	ND	ug/L	5.0	0.46	1		02/27/11 22:56	591-78-6	
Iodomethane	ND	ug/L	5.0	0.32	1		02/27/11 22:56	74-88-4	
Isobutanol	ND	ug/L	100	35.0	1		02/27/11 22:56	78-83-1	
Methacrylonitrile	ND	ug/L	10.0	0.93	1		02/27/11 22:56	126-98-7	
Methylene Chloride	ND	ug/L	1.0	0.97	1		02/27/11 22:56	75-09-2	
Methyl methacrylate	ND	ug/L	2.0	2.0	1		02/27/11 22:56	80-62-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		02/27/11 22:56	108-10-1	
Naphthalene	ND	ug/L	1.0	0.24	1		02/27/11 22:56	91-20-3	

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Pace Analytical
www.pacelabs.com

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW6 **Lab ID: 9288391001** Collected: 02/22/11 11:40 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Propionitrile	ND	ug/L	20.0	3.6	1		02/27/11 22:56	107-12-0	
Styrene	ND	ug/L	1.0	0.26	1		02/27/11 22:56	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		02/27/11 22:56	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		02/27/11 22:56	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		02/27/11 22:56	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		02/27/11 22:56	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		02/27/11 22:56	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		02/27/11 22:56	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		02/27/11 22:56	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		02/27/11 22:56	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		02/27/11 22:56	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		02/27/11 22:56	96-18-4	
Vinyl acetate	ND	ug/L	2.0	0.35	1		02/27/11 22:56	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		02/27/11 22:56	75-01-4	
m&p-Xylene	ND	ug/L	2.0	0.66	1		02/27/11 22:56	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		02/27/11 22:56	95-47-6	
4-Bromofluorobenzene (S)	98	%	70-130		1		02/27/11 22:56	460-00-4	
Dibromofluoromethane (S)	120	%	70-130		1		02/27/11 22:56	1868-53-7	
1,2-Dichloroethane-d4 (S)	121	%	70-130		1		02/27/11 22:56	17060-07-0	
Toluene-d8 (S)	98	%	70-130		1		02/27/11 22:56	2037-26-5	
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D								
Sulfide	ND	mg/L	0.10	0.10	1		02/24/11 17:00	18496-25-8	
4500CNE Cyanide, Total	Analytical Method: SM 4500-CN-E								
Cyanide	ND	mg/L	0.0050	0.0050	1		03/04/11 13:06	57-12-5	

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Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW7 **Lab ID: 9288391002** Collected: 02/22/11 16:20 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:								
Collected By	**MPS**				1		03/08/11 17:49		
Collected Date	**2/22/11**				1		03/08/11 17:49		
Collected Time	**16:20**				1		03/08/11 17:49		
Field pH	**5.45**	Std. Units			1		03/08/11 17:49		
Field Temperature	**10.9**	deg C			1		03/08/11 17:49		
Static Water Level	**8.37**	feet			1		03/08/11 17:49		
Field Specific Conductance	**273**	umhos/cm			1		03/08/11 17:49		
Turbidity	**7.19**	NTU			1		03/08/11 17:49		
8081 GCS Pesticides	Analytical Method: EPA 8081								
4,4'-DDD	ND	ug/L	0.010	0.0019	1	02/28/11 16:12	03/01/11 16:04	72-54-8	
4,4'-DDE	ND	ug/L	0.010	0.00092	1	02/28/11 16:12	03/01/11 16:04	72-55-9	
4,4'-DDT	ND	ug/L	0.010	0.0037	1	02/28/11 16:12	03/01/11 16:04	50-29-3	
Aldrin	ND	ug/L	0.010	0.00051	1	02/28/11 16:12	03/01/11 16:04	309-00-2	
Chlordane (Technical)	ND	ug/L	0.51	0.082	1	02/28/11 16:12	03/01/11 16:04	57-74-9	
Dieldrin	ND	ug/L	0.010	0.00051	1	02/28/11 16:12	03/01/11 16:04	60-57-1	
Endosulfan I	ND	ug/L	0.010	0.00072	1	02/28/11 16:12	03/01/11 16:04	959-98-8	
Endosulfan II	ND	ug/L	0.010	0.00072	1	02/28/11 16:12	03/01/11 16:04	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.010	0.00061	1	02/28/11 16:12	03/01/11 16:04	1031-07-8	
Endrin	ND	ug/L	0.010	0.0017	1	02/28/11 16:12	03/01/11 16:04	72-20-8	
Endrin aldehyde	ND	ug/L	0.010	0.0073	1	02/28/11 16:12	03/01/11 16:04	7421-93-4	
Heptachlor	ND	ug/L	0.010	0.0015	1	02/28/11 16:12	03/01/11 16:04	76-44-8	
Heptachlor epoxide	ND	ug/L	0.010	0.00041	1	02/28/11 16:12	03/01/11 16:04	1024-57-3	
Methoxychlor	ND	ug/L	0.010	0.0072	1	02/28/11 16:12	03/01/11 16:04	72-43-5	
Toxaphene	ND	ug/L	0.51	0.29	1	02/28/11 16:12	03/01/11 16:04	8001-35-2	
alpha-BHC	ND	ug/L	0.010	0.00031	1	02/28/11 16:12	03/01/11 16:04	319-84-6	
beta-BHC	ND	ug/L	0.010	0.00051	1	02/28/11 16:12	03/01/11 16:04	319-85-7	
delta-BHC	ND	ug/L	0.010	0.00041	1	02/28/11 16:12	03/01/11 16:04	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.010	0.00020	1	02/28/11 16:12	03/01/11 16:04	58-89-9	
Tetrachloro-m-xylene (S)	96	%	66.5-120.3		1	02/28/11 16:12	03/01/11 16:04	877-09-8	
Decachlorobiphenyl (S)	39	%	41.7-109.1		1	02/28/11 16:12	03/01/11 16:04	2051-24-3	S5
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3535								
PCB-1016 (Aroclor 1016)	ND	ug/L	0.59	0.59	1	02/24/11 12:00	03/08/11 09:13	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.59	0.59	1	02/24/11 12:00	03/08/11 09:13	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.59	0.59	1	02/24/11 12:00	03/08/11 09:13	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.59	0.59	1	02/24/11 12:00	03/08/11 09:13	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.59	0.59	1	02/24/11 12:00	03/08/11 09:13	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.59	0.59	1	02/24/11 12:00	03/08/11 09:13	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.59	0.59	1	02/24/11 12:00	03/08/11 09:13	11096-82-5	
Decachlorobiphenyl (S)	64	%	10-132		1	02/24/11 12:00	03/08/11 09:13	2051-24-3	
8151 Chlorinated Herbicides	Analytical Method: EPA 8151								
2,4,5-T	ND	ug/L	2.1	0.044	1	03/01/11 12:00	03/01/11 22:38	93-76-5	

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205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW7 **Lab ID: 9288391002** Collected: 02/22/11 16:20 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8151 Chlorinated Herbicides	Analytical Method: EPA 8151								
2,4,5-TP (Silvex)	**0.078J**	ug/L	2.1	0.051	1	03/01/11 12:00	03/01/11 22:38	93-72-1	
2,4-D	ND	ug/L	2.1	0.23	1	03/01/11 12:00	03/01/11 22:38	94-75-7	
Dinoseb	ND	ug/L	1.0	0.059	1	03/01/11 12:00	03/01/11 22:38	88-85-7	
2,4-DCPA (S)	78	%	65.5-125.7		1	03/01/11 12:00	03/01/11 22:38	19719-28-9	
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	5.0	2.6	1	03/04/11 11:15	03/04/11 20:10	7440-36-0	
Arsenic	ND	ug/L	5.0	2.7	1	03/04/11 11:15	03/04/11 20:10	7440-38-2	
Barium	**213**	ug/L	5.0	0.20	1	03/04/11 11:15	03/04/11 20:10	7440-39-3	
Beryllium	**0.19J**	ug/L	1.0	0.10	1	03/04/11 11:15	03/04/11 20:10	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	03/04/11 11:15	03/04/11 20:10	7440-43-9	
Chromium	**3.7J**	ug/L	5.0	0.40	1	03/04/11 11:15	03/04/11 20:10	7440-47-3	
Cobalt	**5.4**	ug/L	5.0	0.60	1	03/04/11 11:15	03/04/11 20:10	7440-48-4	
Copper	**2.4J**	ug/L	5.0	0.30	1	03/04/11 11:15	03/04/11 20:10	7440-50-8	
Lead	ND	ug/L	5.0	4.0	1	03/04/11 11:15	03/04/11 20:10	7439-92-1	
Nickel	ND	ug/L	5.0	1.7	1	03/04/11 11:15	03/04/11 20:10	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	03/04/11 11:15	03/04/11 20:10	7782-49-2	
Silver	**0.11J**	ug/L	5.0	0.10	1	03/04/11 11:15	03/04/11 20:10	7440-22-4	
Thallium	**4.3J**	ug/L	5.4	3.0	1	03/04/11 11:15	03/04/11 20:10	7440-28-0	
Tin	**2.4J**	ug/L	5.0	1.8	1	03/04/11 11:15	03/04/11 20:10	7440-31-5	
Vanadium	**4.3J**	ug/L	5.0	0.20	1	03/04/11 11:15	03/04/11 20:10	7440-62-2	
Zinc	**19.8**	ug/L	10.0	0.40	1	03/04/11 11:15	03/04/11 20:10	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.10	1	03/03/11 16:30	03/04/11 13:25	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Acenaphthene	ND	ug/L	10.0	0.25	1	03/01/11 17:00	03/06/11 23:02	83-32-9	
Acenaphthylene	ND	ug/L	10.0	0.21	1	03/01/11 17:00	03/06/11 23:02	208-96-8	
Acetophenone	ND	ug/L	10.0	0.99	1	03/01/11 17:00	03/06/11 23:02	98-86-2	
2-Acetylaminofluorene	ND	ug/L	20.0	5.8	1	03/01/11 17:00	03/06/11 23:02	53-96-3	
4-Aminobiphenyl	ND	ug/L	10.0	5.2	1	03/01/11 17:00	03/06/11 23:02	92-67-1	
Anthracene	ND	ug/L	10.0	0.14	1	03/01/11 17:00	03/06/11 23:02	120-12-7	
Aramite	ND	ug/L	100	4.9	1	03/01/11 17:00	03/06/11 23:02	140-57-8	
Benzo(a)anthracene	ND	ug/L	10.0	0.33	1	03/01/11 17:00	03/06/11 23:02	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	0.30	1	03/01/11 17:00	03/06/11 23:02	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	0.28	1	03/01/11 17:00	03/06/11 23:02	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	0.38	1	03/01/11 17:00	03/06/11 23:02	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	0.43	1	03/01/11 17:00	03/06/11 23:02	207-08-9	
Benzyl alcohol	ND	ug/L	20.0	2.4	1	03/01/11 17:00	03/06/11 23:02	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	0.82	1	03/01/11 17:00	03/06/11 23:02	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	0.79	1	03/01/11 17:00	03/06/11 23:02	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	20.0	3.7	1	03/01/11 17:00	03/06/11 23:02	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	2.8	1	03/01/11 17:00	03/06/11 23:02	106-47-8	
Chlorobenzilate	ND	ug/L	10.0	4.5	1	03/01/11 17:00	03/06/11 23:02	510-15-6	

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Eden, NC 27288
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Pace Analytical Services, Inc.
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Asheville, NC 28804
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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW7 **Lab ID: 9288391002** Collected: 02/22/11 16:20 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	0.92	1	03/01/11 17:00	03/06/11 23:02	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.0	1	03/01/11 17:00	03/06/11 23:02	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	0.95	1	03/01/11 17:00	03/06/11 23:02	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.0	0.98	1	03/01/11 17:00	03/06/11 23:02	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.3	1	03/01/11 17:00	03/06/11 23:02	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	0.87	1	03/01/11 17:00	03/06/11 23:02	7005-72-3	
Chrysene	ND	ug/L	10.0	0.21	1	03/01/11 17:00	03/06/11 23:02	218-01-9	
Diallate	ND	ug/L	10.0	5.4	1	03/01/11 17:00	03/06/11 23:02	2303-16-4	
Dibenz(a,h)anthracene	ND	ug/L	10.0	0.55	1	03/01/11 17:00	03/06/11 23:02	53-70-3	
Dibenzofuran	ND	ug/L	10.0	0.89	1	03/01/11 17:00	03/06/11 23:02	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	0.88	1	03/01/11 17:00	03/06/11 23:02	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	0.81	1	03/01/11 17:00	03/06/11 23:02	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	0.95	1	03/01/11 17:00	03/06/11 23:02	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	2.1	1	03/01/11 17:00	03/06/11 23:02	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.7	1	03/01/11 17:00	03/06/11 23:02	120-83-2	
2,6-Dichlorophenol	ND	ug/L	10.0	5.7	1	03/01/11 17:00	03/06/11 23:02	87-65-0	
Diethylphthalate	ND	ug/L	10.0	0.58	1	03/01/11 17:00	03/06/11 23:02	84-66-2	
Dimethoate	ND	ug/L	10.0	4.9	1	03/01/11 17:00	03/06/11 23:02	60-51-5	
P-Dimethylaminoazobenzene	ND	ug/L	5.0	2.7	1	03/01/11 17:00	03/06/11 23:02	60-11-7	
7,12-Dimethylbenz(a)anthracene	ND	ug/L	10.0	4.9	1	03/01/11 17:00	03/06/11 23:02	57-97-6	
3,3'-Dimethylbenzidine	ND	ug/L	10.0	9.6	1	03/01/11 17:00	03/06/11 23:02	119-93-7	
2,4-Dimethylphenol	ND	ug/L	10.0	1.2	1	03/01/11 17:00	03/06/11 23:02	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	0.76	1	03/01/11 17:00	03/06/11 23:02	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	0.75	1	03/01/11 17:00	03/06/11 23:02	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	2.6	1	03/01/11 17:00	03/06/11 23:02	534-52-1	
1,3-Dinitrobenzene	ND	ug/L	20.0	5.1	1	03/01/11 17:00	03/06/11 23:02	99-65-0	
1,4-Dinitrobenzene	ND	ug/L	20.0	5.0	1	03/01/11 17:00	03/06/11 23:02	100-25-4	
2,4-Dinitrophenol	ND	ug/L	50.0	9.0	1	03/01/11 17:00	03/06/11 23:02	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	0.90	1	03/01/11 17:00	03/06/11 23:02	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	0.98	1	03/01/11 17:00	03/06/11 23:02	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	0.66	1	03/01/11 17:00	03/06/11 23:02	117-84-0	
Diphenylamine	ND	ug/L	10.0	1.0	1	03/01/11 17:00	03/06/11 23:02	122-39-4	
Disulfoton	ND	ug/L	10.0	5.5	1	03/01/11 17:00	03/06/11 23:02	298-04-4	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	0.79	1	03/01/11 17:00	03/06/11 23:02	117-81-7	
Ethyl methanesulfonate	ND	ug/L	20.0	5.6	1	03/01/11 17:00	03/06/11 23:02	62-50-0	
Famphur	ND	ug/L	10.0	3.7	1	03/01/11 17:00	03/06/11 23:02	52-85-7	
Fluoranthene	ND	ug/L	10.0	0.21	1	03/01/11 17:00	03/06/11 23:02	206-44-0	
Fluorene	ND	ug/L	10.0	0.21	1	03/01/11 17:00	03/06/11 23:02	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	0.94	1	03/01/11 17:00	03/06/11 23:02	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	0.72	1	03/01/11 17:00	03/06/11 23:02	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	0.88	1	03/01/11 17:00	03/06/11 23:02	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.1	1	03/01/11 17:00	03/06/11 23:02	67-72-1	
Hexachloropropene	ND	ug/L	10.0	3.2	1	03/01/11 17:00	03/06/11 23:02	1888-71-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	0.29	1	03/01/11 17:00	03/06/11 23:02	193-39-5	
Isodrin	ND	ug/L	20.0	5.7	1	03/01/11 17:00	03/06/11 23:02	465-73-6	
Isophorone	ND	ug/L	10.0	0.89	1	03/01/11 17:00	03/06/11 23:02	78-59-1	

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205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW7 **Lab ID: 9288391002** Collected: 02/22/11 16:20 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Isosafrole	ND	ug/L	10.0	4.4	1	03/01/11 17:00	03/06/11 23:02	120-58-1	
Kepone	ND	ug/L	10.0	8.3	1	03/01/11 17:00	03/06/11 23:02	143-50-0	
Methapyrilene	ND	ug/L	50.0	5.8	1	03/01/11 17:00	03/06/11 23:02	91-80-5	
3-Methylcholanthrene	ND	ug/L	10.0	2.6	1	03/01/11 17:00	03/06/11 23:02	56-49-5	
Methyl methanesulfonate	ND	ug/L	5.0	3.7	1	03/01/11 17:00	03/06/11 23:02	66-27-3	
2-Methylnaphthalene	ND	ug/L	10.0	0.28	1	03/01/11 17:00	03/06/11 23:02	91-57-6	
Methyl parathion	ND	ug/L	10.0	4.9	1	03/01/11 17:00	03/06/11 23:02	298-00-0	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.6	1	03/01/11 17:00	03/06/11 23:02	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	2.0	1	03/01/11 17:00	03/06/11 23:02		
2-Naphthalenamine	ND	ug/L	5.0	3.0	1	03/01/11 17:00	03/06/11 23:02	91-59-8	
Naphthalene	ND	ug/L	10.0	0.34	1	03/01/11 17:00	03/06/11 23:02	91-20-3	
1-Naphthaleneamine	ND	ug/L	5.0	4.1	1	03/01/11 17:00	03/06/11 23:02	134-32-7	
1,4-Naphthoquinone	ND	ug/L	5.0	3.3	1	03/01/11 17:00	03/06/11 23:02	130-15-4	
2-Nitroaniline	ND	ug/L	50.0	2.0	1	03/01/11 17:00	03/06/11 23:02	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	2.0	1	03/01/11 17:00	03/06/11 23:02	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	2.1	1	03/01/11 17:00	03/06/11 23:02	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.1	1	03/01/11 17:00	03/06/11 23:02	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	0.91	1	03/01/11 17:00	03/06/11 23:02	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	4.1	1	03/01/11 17:00	03/06/11 23:02	100-02-7	
5-Nitro-o-toluidine	ND	ug/L	10.0	5.2	1	03/01/11 17:00	03/06/11 23:02	99-55-8	
N-Nitrosodiethylamine	ND	ug/L	20.0	5.6	1	03/01/11 17:00	03/06/11 23:02	55-18-5	
N-Nitrosodimethylamine	ND	ug/L	10.0	0.91	1	03/01/11 17:00	03/06/11 23:02	62-75-9	
N-Nitroso-di-n-butylamine	ND	ug/L	10.0	7.5	1	03/01/11 17:00	03/06/11 23:02	924-16-3	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	0.99	1	03/01/11 17:00	03/06/11 23:02	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1.0	1	03/01/11 17:00	03/06/11 23:02	86-30-6	
N-Nitrosomethylethylamine	ND	ug/L	10.0	4.7	1	03/01/11 17:00	03/06/11 23:02	10595-95-6	
N-Nitrosopiperidine	ND	ug/L	20.0	5.7	1	03/01/11 17:00	03/06/11 23:02	100-75-4	
N-Nitrosopyrrolidine	ND	ug/L	10.0	6.9	1	03/01/11 17:00	03/06/11 23:02	930-55-2	
O,O,O-Triethylphosphorothioate	ND	ug/L	10.0	5.1	1	03/01/11 17:00	03/06/11 23:02	126-68-1	
Parathion (Ethyl parathion)	ND	ug/L	10.0	5.1	1	03/01/11 17:00	03/06/11 23:02	56-38-2	
Pentachlorobenzene	ND	ug/L	10.0	4.3	1	03/01/11 17:00	03/06/11 23:02	608-93-5	
Pentachloroethane	ND	ug/L	20.0	3.3	1	03/01/11 17:00	03/06/11 23:02	76-01-7	
Pentachloronitrobenzene	ND	ug/L	20.0	4.8	1	03/01/11 17:00	03/06/11 23:02	82-68-8	
Pentachlorophenol	ND	ug/L	25.0	4.6	1	03/01/11 17:00	03/06/11 23:02	87-86-5	
Phenacetin	ND	ug/L	20.0	4.8	1	03/01/11 17:00	03/06/11 23:02	62-44-2	
Phenanthrene	ND	ug/L	10.0	0.22	1	03/01/11 17:00	03/06/11 23:02	85-01-8	
Phenol	ND	ug/L	10.0	1.9	1	03/01/11 17:00	03/06/11 23:02	108-95-2	
p-Phenylenediamine	ND	ug/L	10.0	6.7	1	03/01/11 17:00	03/06/11 23:02	106-50-3	
Phorate	ND	ug/L	10.0	5.4	1	03/01/11 17:00	03/06/11 23:02	298-02-2	
2-Picoline	ND	ug/L	10.0	4.3	1	03/01/11 17:00	03/06/11 23:02	109-06-8	
Pronamide	ND	ug/L	10.0	5.8	1	03/01/11 17:00	03/06/11 23:02	23950-58-5	
Pyrene	ND	ug/L	10.0	0.19	1	03/01/11 17:00	03/06/11 23:02	129-00-0	
Safrole	ND	ug/L	10.0	5.7	1	03/01/11 17:00	03/06/11 23:02	94-59-7	
1,2,4,5-Tetrachlorobenzene	ND	ug/L	10.0	4.0	1	03/01/11 17:00	03/06/11 23:02	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	ug/L	10.0	1.2	1	03/01/11 17:00	03/06/11 23:02	58-90-2	
Thionazin	ND	ug/L	20.0	4.8	1	03/01/11 17:00	03/06/11 23:02	297-97-2	

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205 East Meadow Road - Suite A
Eden, NC 27288
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Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW7 **Lab ID: 9288391002** Collected: 02/22/11 16:20 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
O-Toluidine	ND	ug/L	10.0	5.7	1	03/01/11 17:00	03/06/11 23:02	95-53-4	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	0.98	1	03/01/11 17:00	03/06/11 23:02	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	10.0	0.92	1	03/01/11 17:00	03/06/11 23:02	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.3	1	03/01/11 17:00	03/06/11 23:02	88-06-2	
1,3,5-Trinitrobenzene	ND	ug/L	10.0	5.2	1	03/01/11 17:00	03/06/11 23:02	99-35-4	
Nitrobenzene-d5 (S)	67	%	21-110		1	03/01/11 17:00	03/06/11 23:02	4165-60-0	
2-Fluorobiphenyl (S)	76	%	27-110		1	03/01/11 17:00	03/06/11 23:02	321-60-8	
Terphenyl-d14 (S)	85	%	31-107		1	03/01/11 17:00	03/06/11 23:02	1718-51-0	
Phenol-d6 (S)	27	%	10-110		1	03/01/11 17:00	03/06/11 23:02	13127-88-3	
2-Fluorophenol (S)	41	%	12-110		1	03/01/11 17:00	03/06/11 23:02	367-12-4	
2,4,6-Tribromophenol (S)	71	%	27-110		1	03/01/11 17:00	03/06/11 23:02	118-79-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Acetone	**2.3J**	ug/L	25.0	2.2	1		02/27/11 23:21	67-64-1	
Acetonitrile	ND	ug/L	50.0	2.2	1		02/27/11 23:21	75-05-8	
Acrolein	ND	ug/L	10.0	1.6	1		02/27/11 23:21	107-02-8	
Acrylonitrile	ND	ug/L	10.0	1.9	1		02/27/11 23:21	107-13-1	
Allyl chloride	ND	ug/L	2.0	1.5	1		02/27/11 23:21	107-05-1	
Benzene	**0.72J**	ug/L	1.0	0.25	1		02/27/11 23:21	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		02/27/11 23:21	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		02/27/11 23:21	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		02/27/11 23:21	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		02/27/11 23:21	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		02/27/11 23:21	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		02/27/11 23:21	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1.2	1		02/27/11 23:21	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		02/27/11 23:21	56-23-5	
Chlorobenzene	**0.93J**	ug/L	1.0	0.23	1		02/27/11 23:21	108-90-7	
Chloroethane	**1.3**	ug/L	1.0	0.54	1		02/27/11 23:21	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		02/27/11 23:21	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		02/27/11 23:21	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.36	1		02/27/11 23:21	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		02/27/11 23:21	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		02/27/11 23:21	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		02/27/11 23:21	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		02/27/11 23:21	74-95-3	
1,2-Dichlorobenzene	**1.4**	ug/L	1.0	0.30	1		02/27/11 23:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		02/27/11 23:21	541-73-1	
1,4-Dichlorobenzene	**1.7**	ug/L	1.0	0.33	1		02/27/11 23:21	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1.0	1		02/27/11 23:21	110-57-6	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		02/27/11 23:21	75-71-8	
1,1-Dichloroethane	**4.4**	ug/L	1.0	0.32	1		02/27/11 23:21	75-34-3	
1,2-Dichloroethane	**3.0**	ug/L	1.0	0.12	1		02/27/11 23:21	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		02/27/11 23:21	75-35-4	
cis-1,2-Dichloroethene	**2.7**	ug/L	1.0	0.19	1		02/27/11 23:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		02/27/11 23:21	156-60-5	

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Eden, NC 27288
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Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW7 **Lab ID: 9288391002** Collected: 02/22/11 16:20 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
1,2-Dichloropropane	**0.58J**	ug/L	1.0	0.27	1		02/27/11 23:21	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		02/27/11 23:21	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		02/27/11 23:21	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		02/27/11 23:21	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		02/27/11 23:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		02/27/11 23:21	10061-02-6	
Diisopropyl ether	**0.31J**	ug/L	1.0	0.12	1		02/27/11 23:21	108-20-3	
Ethanol	ND	ug/L	200	33.0	1		02/27/11 23:21	64-17-5	
Ethylbenzene	ND	ug/L	1.0	0.30	1		02/27/11 23:21	100-41-4	
2-Hexanone	ND	ug/L	5.0	0.46	1		02/27/11 23:21	591-78-6	
Iodomethane	ND	ug/L	5.0	0.32	1		02/27/11 23:21	74-88-4	
Methylene Chloride	ND	ug/L	1.0	0.97	1		02/27/11 23:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		02/27/11 23:21	108-10-1	
Naphthalene	ND	ug/L	1.0	0.24	1		02/27/11 23:21	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		02/27/11 23:21	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		02/27/11 23:21	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		02/27/11 23:21	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		02/27/11 23:21	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		02/27/11 23:21	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		02/27/11 23:21	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		02/27/11 23:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		02/27/11 23:21	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		02/27/11 23:21	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		02/27/11 23:21	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		02/27/11 23:21	96-18-4	
1,2,3-Trimethylbenzene	ND	ug/L	1.0	0.090	1		02/27/11 23:21	526-73-8	
Vinyl acetate	ND	ug/L	2.0	0.35	1		02/27/11 23:21	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		02/27/11 23:21	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		02/27/11 23:21	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		02/27/11 23:21	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		02/27/11 23:21	95-47-6	
4-Bromofluorobenzene (S)	100	%	70-130		1		02/27/11 23:21	460-00-4	
Dibromofluoromethane (S)	122	%	70-130		1		02/27/11 23:21	1868-53-7	
1,2-Dichloroethane-d4 (S)	123	%	70-130		1		02/27/11 23:21	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		02/27/11 23:21	2037-26-5	
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D								
Sulfide	ND	mg/L	0.10	0.10	1		02/24/11 17:00	18496-25-8	
4500CNE Cyanide, Total	Analytical Method: SM 4500-CN-E								
Cyanide	ND	mg/L	0.0050	0.0050	1		02/26/11 11:03	57-12-5	

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Eden, NC 27288
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Asheville, NC 28804
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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW8 **Lab ID: 9288391003** Collected: 02/22/11 17:00 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:								
Collected By	**MPS**				1		03/08/11 17:50		
Collected Date	**2/22/11**				1		03/08/11 17:50		
Collected Time	**17:00**				1		03/08/11 17:50		
Field pH	**5.82**	Std. Units			1		03/08/11 17:50		
Field Temperature	**10.9**	deg C			1		03/08/11 17:50		
Static Water Level	**5.73**	feet			1		03/08/11 17:50		
Field Specific Conductance	**216**	umhos/cm			1		03/08/11 17:50		
Turbidity	**6.53**	NTU			1		03/08/11 17:50		
8081 GCS Pesticides	Analytical Method: EPA 8081								
Aldrin	ND	ug/L	0.010	0.00052	1	02/28/11 16:12	03/01/11 16:23	309-00-2	
alpha-BHC	ND	ug/L	0.010	0.00031	1	02/28/11 16:12	03/01/11 16:23	319-84-6	
beta-BHC	ND	ug/L	0.010	0.00052	1	02/28/11 16:12	03/01/11 16:23	319-85-7	
delta-BHC	ND	ug/L	0.010	0.00041	1	02/28/11 16:12	03/01/11 16:23	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.010	0.00021	1	02/28/11 16:12	03/01/11 16:23	58-89-9	
Chlordane (Technical)	ND	ug/L	0.52	0.083	1	02/28/11 16:12	03/01/11 16:23	57-74-9	
4,4'-DDD	ND	ug/L	0.010	0.0020	1	02/28/11 16:12	03/01/11 16:23	72-54-8	
4,4'-DDE	ND	ug/L	0.010	0.00093	1	02/28/11 16:12	03/01/11 16:23	72-55-9	
4,4'-DDT	ND	ug/L	0.010	0.0037	1	02/28/11 16:12	03/01/11 16:23	50-29-3	
Dieldrin	ND	ug/L	0.010	0.00052	1	02/28/11 16:12	03/01/11 16:23	60-57-1	
Endosulfan I	ND	ug/L	0.010	0.00072	1	02/28/11 16:12	03/01/11 16:23	959-98-8	
Endosulfan II	ND	ug/L	0.010	0.00072	1	02/28/11 16:12	03/01/11 16:23	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.010	0.00062	1	02/28/11 16:12	03/01/11 16:23	1031-07-8	
Endrin	ND	ug/L	0.010	0.0018	1	02/28/11 16:12	03/01/11 16:23	72-20-8	
Endrin aldehyde	ND	ug/L	0.010	0.0073	1	02/28/11 16:12	03/01/11 16:23	7421-93-4	
Heptachlor	ND	ug/L	0.010	0.0015	1	02/28/11 16:12	03/01/11 16:23	76-44-8	
Heptachlor epoxide	ND	ug/L	0.010	0.00041	1	02/28/11 16:12	03/01/11 16:23	1024-57-3	
Methoxychlor	ND	ug/L	0.010	0.0072	1	02/28/11 16:12	03/01/11 16:23	72-43-5	
Toxaphene	ND	ug/L	0.52	0.29	1	02/28/11 16:12	03/01/11 16:23	8001-35-2	
Tetrachloro-m-xylene (S)	98	%	66.5-120.3		1	02/28/11 16:12	03/01/11 16:23	877-09-8	
Decachlorobiphenyl (S)	57	%	41.7-109.1		1	02/28/11 16:12	03/01/11 16:23	2051-24-3	
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3535								
PCB-1016 (Aroclor 1016)	ND	ug/L	0.60	0.60	1	02/24/11 12:00	03/08/11 09:33	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.60	0.60	1	02/24/11 12:00	03/08/11 09:33	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.60	0.60	1	02/24/11 12:00	03/08/11 09:33	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.60	0.60	1	02/24/11 12:00	03/08/11 09:33	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.60	0.60	1	02/24/11 12:00	03/08/11 09:33	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.60	0.60	1	02/24/11 12:00	03/08/11 09:33	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.60	0.60	1	02/24/11 12:00	03/08/11 09:33	11096-82-5	
Decachlorobiphenyl (S)	65	%	10-132		1	02/24/11 12:00	03/08/11 09:33	2051-24-3	
8151 Chlorinated Herbicides	Analytical Method: EPA 8151								
2,4-D	ND	ug/L	2.1	0.23	1	03/01/11 12:00	03/01/11 23:05	94-75-7	

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Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW8 **Lab ID: 9288391003** Collected: 02/22/11 17:00 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8151 Chlorinated Herbicides	Analytical Method: EPA 8151								
Dinoseb	ND	ug/L	1.0	0.059	1	03/01/11 12:00	03/01/11 23:05	88-85-7	
2,4,5-T	ND	ug/L	2.1	0.043	1	03/01/11 12:00	03/01/11 23:05	93-76-5	
2,4,5-TP (Silvex)	ND	ug/L	2.1	0.050	1	03/01/11 12:00	03/01/11 23:05	93-72-1	
2,4-DCPA (S)	84	%	65.5-125.7		1	03/01/11 12:00	03/01/11 23:05	19719-28-9	
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	5.0	2.6	1	03/04/11 11:15	03/04/11 20:17	7440-36-0	
Arsenic	ND	ug/L	5.0	2.7	1	03/04/11 11:15	03/04/11 20:17	7440-38-2	
Barium	**72.8**	ug/L	5.0	0.20	1	03/04/11 11:15	03/04/11 20:17	7440-39-3	
Beryllium	ND	ug/L	1.0	0.10	1	03/04/11 11:15	03/04/11 20:17	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	03/04/11 11:15	03/04/11 20:17	7440-43-9	
Chromium	**6.3**	ug/L	5.0	0.40	1	03/04/11 11:15	03/04/11 20:17	7440-47-3	
Cobalt	ND	ug/L	5.0	0.60	1	03/04/11 11:15	03/04/11 20:17	7440-48-4	
Copper	**2.3J**	ug/L	5.0	0.30	1	03/04/11 11:15	03/04/11 20:17	7440-50-8	
Lead	ND	ug/L	5.0	4.0	1	03/04/11 11:15	03/04/11 20:17	7439-92-1	
Nickel	**4.2J**	ug/L	5.0	1.7	1	03/04/11 11:15	03/04/11 20:17	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	03/04/11 11:15	03/04/11 20:17	7782-49-2	
Silver	ND	ug/L	5.0	0.10	1	03/04/11 11:15	03/04/11 20:17	7440-22-4	
Thallium	ND	ug/L	5.4	3.0	1	03/04/11 11:15	03/04/11 20:17	7440-28-0	
Tin	ND	ug/L	5.0	1.8	1	03/04/11 11:15	03/04/11 20:17	7440-31-5	
Vanadium	**5.6**	ug/L	5.0	0.20	1	03/04/11 11:15	03/04/11 20:17	7440-62-2	
Zinc	**7.7J**	ug/L	10.0	0.40	1	03/04/11 11:15	03/04/11 20:17	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.10	1	03/03/11 16:30	03/04/11 13:27	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Acenaphthene	ND	ug/L	10.0	0.25	1	03/01/11 17:00	03/07/11 11:58	83-32-9	
Acenaphthylene	ND	ug/L	10.0	0.21	1	03/01/11 17:00	03/07/11 11:58	208-96-8	
Acetophenone	ND	ug/L	10.0	0.99	1	03/01/11 17:00	03/07/11 11:58	98-86-2	
2-Acetylaminofluorene	ND	ug/L	20.0	5.8	1	03/01/11 17:00	03/07/11 11:58	53-96-3	
4-Aminobiphenyl	ND	ug/L	10.0	5.2	1	03/01/11 17:00	03/07/11 11:58	92-67-1	
Anthracene	ND	ug/L	10.0	0.14	1	03/01/11 17:00	03/07/11 11:58	120-12-7	
Aramite	ND	ug/L	100	4.9	1	03/01/11 17:00	03/07/11 11:58	140-57-8	
Benzo(a)anthracene	ND	ug/L	10.0	0.33	1	03/01/11 17:00	03/07/11 11:58	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	0.30	1	03/01/11 17:00	03/07/11 11:58	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	0.28	1	03/01/11 17:00	03/07/11 11:58	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	0.38	1	03/01/11 17:00	03/07/11 11:58	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	0.43	1	03/01/11 17:00	03/07/11 11:58	207-08-9	
Benzyl alcohol	ND	ug/L	20.0	2.4	1	03/01/11 17:00	03/07/11 11:58	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	0.82	1	03/01/11 17:00	03/07/11 11:58	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	0.79	1	03/01/11 17:00	03/07/11 11:58	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	20.0	3.7	1	03/01/11 17:00	03/07/11 11:58	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	2.8	1	03/01/11 17:00	03/07/11 11:58	106-47-8	
Chlorobenzilate	ND	ug/L	10.0	4.5	1	03/01/11 17:00	03/07/11 11:58	510-15-6	

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Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW8 **Lab ID: 9288391003** Collected: 02/22/11 17:00 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	0.92	1	03/01/11 17:00	03/07/11 11:58	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.0	1	03/01/11 17:00	03/07/11 11:58	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	0.95	1	03/01/11 17:00	03/07/11 11:58	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.0	0.98	1	03/01/11 17:00	03/07/11 11:58	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.3	1	03/01/11 17:00	03/07/11 11:58	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	0.87	1	03/01/11 17:00	03/07/11 11:58	7005-72-3	
Chrysene	ND	ug/L	10.0	0.21	1	03/01/11 17:00	03/07/11 11:58	218-01-9	
Diallate	ND	ug/L	10.0	5.4	1	03/01/11 17:00	03/07/11 11:58	2303-16-4	
Dibenz(a,h)anthracene	ND	ug/L	10.0	0.55	1	03/01/11 17:00	03/07/11 11:58	53-70-3	
Dibenzofuran	ND	ug/L	10.0	0.89	1	03/01/11 17:00	03/07/11 11:58	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	0.88	1	03/01/11 17:00	03/07/11 11:58	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	0.81	1	03/01/11 17:00	03/07/11 11:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	0.95	1	03/01/11 17:00	03/07/11 11:58	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	2.1	1	03/01/11 17:00	03/07/11 11:58	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.7	1	03/01/11 17:00	03/07/11 11:58	120-83-2	
2,6-Dichlorophenol	ND	ug/L	10.0	5.7	1	03/01/11 17:00	03/07/11 11:58	87-65-0	
Diethylphthalate	ND	ug/L	10.0	0.58	1	03/01/11 17:00	03/07/11 11:58	84-66-2	
Dimethoate	ND	ug/L	10.0	4.9	1	03/01/11 17:00	03/07/11 11:58	60-51-5	
P-Dimethylaminoazobenzene	ND	ug/L	5.0	2.7	1	03/01/11 17:00	03/07/11 11:58	60-11-7	
7,12-Dimethylbenz(a)anthracene	ND	ug/L	10.0	4.9	1	03/01/11 17:00	03/07/11 11:58	57-97-6	
3,3'-Dimethylbenzidine	ND	ug/L	10.0	9.6	1	03/01/11 17:00	03/07/11 11:58	119-93-7	
2,4-Dimethylphenol	ND	ug/L	10.0	1.2	1	03/01/11 17:00	03/07/11 11:58	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	0.76	1	03/01/11 17:00	03/07/11 11:58	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	0.75	1	03/01/11 17:00	03/07/11 11:58	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	2.6	1	03/01/11 17:00	03/07/11 11:58	534-52-1	
1,3-Dinitrobenzene	ND	ug/L	20.0	5.1	1	03/01/11 17:00	03/07/11 11:58	99-65-0	
1,4-Dinitrobenzene	ND	ug/L	20.0	5.0	1	03/01/11 17:00	03/07/11 11:58	100-25-4	
2,4-Dinitrophenol	ND	ug/L	50.0	9.0	1	03/01/11 17:00	03/07/11 11:58	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	0.90	1	03/01/11 17:00	03/07/11 11:58	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	0.98	1	03/01/11 17:00	03/07/11 11:58	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	0.66	1	03/01/11 17:00	03/07/11 11:58	117-84-0	
Diphenylamine	ND	ug/L	10.0	1.0	1	03/01/11 17:00	03/07/11 11:58	122-39-4	
Disulfoton	ND	ug/L	10.0	5.5	1	03/01/11 17:00	03/07/11 11:58	298-04-4	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	0.79	1	03/01/11 17:00	03/07/11 11:58	117-81-7	
Ethyl methanesulfonate	ND	ug/L	20.0	5.6	1	03/01/11 17:00	03/07/11 11:58	62-50-0	
Famphur	ND	ug/L	10.0	3.7	1	03/01/11 17:00	03/07/11 11:58	52-85-7	
Fluoranthene	ND	ug/L	10.0	0.21	1	03/01/11 17:00	03/07/11 11:58	206-44-0	
Fluorene	ND	ug/L	10.0	0.21	1	03/01/11 17:00	03/07/11 11:58	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	0.94	1	03/01/11 17:00	03/07/11 11:58	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	0.72	1	03/01/11 17:00	03/07/11 11:58	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	0.88	1	03/01/11 17:00	03/07/11 11:58	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.1	1	03/01/11 17:00	03/07/11 11:58	67-72-1	
Hexachloropropene	ND	ug/L	10.0	3.2	1	03/01/11 17:00	03/07/11 11:58	1888-71-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	0.29	1	03/01/11 17:00	03/07/11 11:58	193-39-5	
Isodrin	ND	ug/L	20.0	5.7	1	03/01/11 17:00	03/07/11 11:58	465-73-6	
Isophorone	ND	ug/L	10.0	0.89	1	03/01/11 17:00	03/07/11 11:58	78-59-1	

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Eden, NC 27288
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2225 Riverside Dr.
Asheville, NC 28804
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ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW8 **Lab ID: 9288391003** Collected: 02/22/11 17:00 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Isosafrole	ND	ug/L	10.0	4.4	1	03/01/11 17:00	03/07/11 11:58	120-58-1	
Kepone	ND	ug/L	10.0	8.3	1	03/01/11 17:00	03/07/11 11:58	143-50-0	
Methapyrilene	ND	ug/L	50.0	5.8	1	03/01/11 17:00	03/07/11 11:58	91-80-5	
3-Methylcholanthrene	ND	ug/L	10.0	2.6	1	03/01/11 17:00	03/07/11 11:58	56-49-5	
Methyl methanesulfonate	ND	ug/L	5.0	3.7	1	03/01/11 17:00	03/07/11 11:58	66-27-3	
2-Methylnaphthalene	ND	ug/L	10.0	0.28	1	03/01/11 17:00	03/07/11 11:58	91-57-6	
Methyl parathion	ND	ug/L	10.0	4.9	1	03/01/11 17:00	03/07/11 11:58	298-00-0	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.6	1	03/01/11 17:00	03/07/11 11:58	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	2.0	1	03/01/11 17:00	03/07/11 11:58		
2-Naphthalenamine	ND	ug/L	5.0	3.0	1	03/01/11 17:00	03/07/11 11:58	91-59-8	
Naphthalene	ND	ug/L	10.0	0.34	1	03/01/11 17:00	03/07/11 11:58	91-20-3	
1-Naphthaleneamine	ND	ug/L	5.0	4.1	1	03/01/11 17:00	03/07/11 11:58	134-32-7	
1,4-Naphthoquinone	ND	ug/L	5.0	3.3	1	03/01/11 17:00	03/07/11 11:58	130-15-4	
2-Nitroaniline	ND	ug/L	50.0	2.0	1	03/01/11 17:00	03/07/11 11:58	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	2.0	1	03/01/11 17:00	03/07/11 11:58	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	2.1	1	03/01/11 17:00	03/07/11 11:58	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.1	1	03/01/11 17:00	03/07/11 11:58	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	0.91	1	03/01/11 17:00	03/07/11 11:58	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	4.1	1	03/01/11 17:00	03/07/11 11:58	100-02-7	
5-Nitro-o-toluidine	ND	ug/L	10.0	5.2	1	03/01/11 17:00	03/07/11 11:58	99-55-8	
N-Nitrosodiethylamine	ND	ug/L	20.0	5.6	1	03/01/11 17:00	03/07/11 11:58	55-18-5	
N-Nitrosodimethylamine	ND	ug/L	10.0	0.91	1	03/01/11 17:00	03/07/11 11:58	62-75-9	
N-Nitroso-di-n-butylamine	ND	ug/L	10.0	7.5	1	03/01/11 17:00	03/07/11 11:58	924-16-3	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	0.99	1	03/01/11 17:00	03/07/11 11:58	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1.0	1	03/01/11 17:00	03/07/11 11:58	86-30-6	
N-Nitrosomethylethylamine	ND	ug/L	10.0	4.7	1	03/01/11 17:00	03/07/11 11:58	10595-95-6	
N-Nitrosopiperidine	ND	ug/L	20.0	5.7	1	03/01/11 17:00	03/07/11 11:58	100-75-4	
N-Nitrosopyrrolidine	ND	ug/L	10.0	6.9	1	03/01/11 17:00	03/07/11 11:58	930-55-2	
O,O,O-Triethylphosphorothioate	ND	ug/L	10.0	5.1	1	03/01/11 17:00	03/07/11 11:58	126-68-1	
Parathion (Ethyl parathion)	ND	ug/L	10.0	5.1	1	03/01/11 17:00	03/07/11 11:58	56-38-2	
Pentachlorobenzene	ND	ug/L	10.0	4.3	1	03/01/11 17:00	03/07/11 11:58	608-93-5	
Pentachloroethane	ND	ug/L	20.0	3.3	1	03/01/11 17:00	03/07/11 11:58	76-01-7	
Pentachloronitrobenzene	ND	ug/L	20.0	4.8	1	03/01/11 17:00	03/07/11 11:58	82-68-8	
Pentachlorophenol	ND	ug/L	25.0	4.6	1	03/01/11 17:00	03/07/11 11:58	87-86-5	
Phenacetin	ND	ug/L	20.0	4.8	1	03/01/11 17:00	03/07/11 11:58	62-44-2	
Phenanthrene	ND	ug/L	10.0	0.22	1	03/01/11 17:00	03/07/11 11:58	85-01-8	
Phenol	ND	ug/L	10.0	1.9	1	03/01/11 17:00	03/07/11 11:58	108-95-2	
p-Phenylenediamine	ND	ug/L	10.0	6.7	1	03/01/11 17:00	03/07/11 11:58	106-50-3	
Phorate	ND	ug/L	10.0	5.4	1	03/01/11 17:00	03/07/11 11:58	298-02-2	
2-Picoline	ND	ug/L	10.0	4.3	1	03/01/11 17:00	03/07/11 11:58	109-06-8	
Pronamide	ND	ug/L	10.0	5.8	1	03/01/11 17:00	03/07/11 11:58	23950-58-5	
Pyrene	ND	ug/L	10.0	0.19	1	03/01/11 17:00	03/07/11 11:58	129-00-0	
Safrole	ND	ug/L	10.0	5.7	1	03/01/11 17:00	03/07/11 11:58	94-59-7	
1,2,4,5-Tetrachlorobenzene	ND	ug/L	10.0	4.0	1	03/01/11 17:00	03/07/11 11:58	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	ug/L	10.0	1.2	1	03/01/11 17:00	03/07/11 11:58	58-90-2	
Thionazin	ND	ug/L	20.0	4.8	1	03/01/11 17:00	03/07/11 11:58	297-97-2	

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205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW8 **Lab ID: 9288391003** Collected: 02/22/11 17:00 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
O-Toluidine	ND	ug/L	10.0	5.7	1	03/01/11 17:00	03/07/11 11:58	95-53-4	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	0.98	1	03/01/11 17:00	03/07/11 11:58	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	10.0	0.92	1	03/01/11 17:00	03/07/11 11:58	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.3	1	03/01/11 17:00	03/07/11 11:58	88-06-2	
1,3,5-Trinitrobenzene	ND	ug/L	10.0	5.2	1	03/01/11 17:00	03/07/11 11:58	99-35-4	
Nitrobenzene-d5 (S)	60	%	21-110		1	03/01/11 17:00	03/07/11 11:58	4165-60-0	
2-Fluorobiphenyl (S)	70	%	27-110		1	03/01/11 17:00	03/07/11 11:58	321-60-8	
Terphenyl-d14 (S)	82	%	31-107		1	03/01/11 17:00	03/07/11 11:58	1718-51-0	
Phenol-d6 (S)	25	%	10-110		1	03/01/11 17:00	03/07/11 11:58	13127-88-3	
2-Fluorophenol (S)	37	%	12-110		1	03/01/11 17:00	03/07/11 11:58	367-12-4	
2,4,6-Tribromophenol (S)	69	%	27-110		1	03/01/11 17:00	03/07/11 11:58	118-79-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		02/27/11 23:47	67-64-1	
Acetonitrile	ND	ug/L	50.0	2.2	1		02/27/11 23:47	75-05-8	
Acrolein	ND	ug/L	10.0	1.6	1		02/27/11 23:47	107-02-8	
Acrylonitrile	ND	ug/L	10.0	1.9	1		02/27/11 23:47	107-13-1	
Allyl chloride	ND	ug/L	2.0	1.5	1		02/27/11 23:47	107-05-1	
Benzene	ND	ug/L	1.0	0.25	1		02/27/11 23:47	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		02/27/11 23:47	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		02/27/11 23:47	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		02/27/11 23:47	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		02/27/11 23:47	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		02/27/11 23:47	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		02/27/11 23:47	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1.2	1		02/27/11 23:47	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		02/27/11 23:47	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		02/27/11 23:47	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		02/27/11 23:47	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		02/27/11 23:47	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		02/27/11 23:47	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.36	1		02/27/11 23:47	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		02/27/11 23:47	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		02/27/11 23:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		02/27/11 23:47	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		02/27/11 23:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		02/27/11 23:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		02/27/11 23:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		02/27/11 23:47	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1.0	1		02/27/11 23:47	110-57-6	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		02/27/11 23:47	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		02/27/11 23:47	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		02/27/11 23:47	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		02/27/11 23:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		02/27/11 23:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		02/27/11 23:47	156-60-5	

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Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
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Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW8 **Lab ID: 9288391003** Collected: 02/22/11 17:00 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		02/27/11 23:47	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		02/27/11 23:47	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		02/27/11 23:47	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		02/27/11 23:47	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		02/27/11 23:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		02/27/11 23:47	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		02/27/11 23:47	108-20-3	
Ethanol	ND	ug/L	200	33.0	1		02/27/11 23:47	64-17-5	
Ethylbenzene	ND	ug/L	1.0	0.30	1		02/27/11 23:47	100-41-4	
2-Hexanone	ND	ug/L	5.0	0.46	1		02/27/11 23:47	591-78-6	
Iodomethane	ND	ug/L	5.0	0.32	1		02/27/11 23:47	74-88-4	
Methylene Chloride	ND	ug/L	1.0	0.97	1		02/27/11 23:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		02/27/11 23:47	108-10-1	
Naphthalene	ND	ug/L	1.0	0.24	1		02/27/11 23:47	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		02/27/11 23:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		02/27/11 23:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		02/27/11 23:47	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		02/27/11 23:47	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		02/27/11 23:47	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		02/27/11 23:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		02/27/11 23:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		02/27/11 23:47	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		02/27/11 23:47	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		02/27/11 23:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		02/27/11 23:47	96-18-4	
1,2,3-Trimethylbenzene	ND	ug/L	1.0	0.090	1		02/27/11 23:47	526-73-8	
Vinyl acetate	ND	ug/L	2.0	0.35	1		02/27/11 23:47	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		02/27/11 23:47	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		02/27/11 23:47	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		02/27/11 23:47	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		02/27/11 23:47	95-47-6	
4-Bromofluorobenzene (S)	100	%	70-130		1		02/27/11 23:47	460-00-4	
Dibromofluoromethane (S)	119	%	70-130		1		02/27/11 23:47	1868-53-7	
1,2-Dichloroethane-d4 (S)	121	%	70-130		1		02/27/11 23:47	17060-07-0	
Toluene-d8 (S)	98	%	70-130		1		02/27/11 23:47	2037-26-5	
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D								
Sulfide	ND	mg/L	0.10	0.10	1		02/24/11 17:00	18496-25-8	
4500CNE Cyanide, Total	Analytical Method: SM 4500-CN-E								
Cyanide	ND	mg/L	0.0050	0.0050	1		02/26/11 11:04	57-12-5	

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Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW9 **Lab ID: 9288391004** Collected: 02/22/11 17:30 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:								
Collected By	**MPS**				1		03/08/11 17:51		
Collected Date	**2/22/11**				1		03/08/11 17:51		
Collected Time	**17:30**				1		03/08/11 17:51		
Field pH	**5.60**	Std. Units			1		03/08/11 17:51		
Field Temperature	**9.3**	deg C			1		03/08/11 17:51		
Static Water Level	**2.34**	feet			1		03/08/11 17:51		
Field Specific Conductance	**142**	umhos/cm			1		03/08/11 17:51		
Turbidity	**275**	NTU			1		03/08/11 17:51		
8081 GCS Pesticides	Analytical Method: EPA 8081								
4,4'-DDD	ND	ug/L	0.010	0.0019	1	02/28/11 16:12	03/01/11 16:42	72-54-8	
4,4'-DDE	ND	ug/L	0.010	0.00092	1	02/28/11 16:12	03/01/11 16:42	72-55-9	
4,4'-DDT	ND	ug/L	0.010	0.0037	1	02/28/11 16:12	03/01/11 16:42	50-29-3	
Aldrin	ND	ug/L	0.010	0.00051	1	02/28/11 16:12	03/01/11 16:42	309-00-2	
Chlordane (Technical)	ND	ug/L	0.51	0.082	1	02/28/11 16:12	03/01/11 16:42	57-74-9	
Dieldrin	ND	ug/L	0.010	0.00051	1	02/28/11 16:12	03/01/11 16:42	60-57-1	
Endosulfan I	ND	ug/L	0.010	0.00071	1	02/28/11 16:12	03/01/11 16:42	959-98-8	
Endosulfan II	ND	ug/L	0.010	0.00071	1	02/28/11 16:12	03/01/11 16:42	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.010	0.00061	1	02/28/11 16:12	03/01/11 16:42	1031-07-8	
Endrin	ND	ug/L	0.010	0.0017	1	02/28/11 16:12	03/01/11 16:42	72-20-8	
Endrin aldehyde	ND	ug/L	0.010	0.0072	1	02/28/11 16:12	03/01/11 16:42	7421-93-4	
Heptachlor	ND	ug/L	0.010	0.0015	1	02/28/11 16:12	03/01/11 16:42	76-44-8	
Heptachlor epoxide	ND	ug/L	0.010	0.00041	1	02/28/11 16:12	03/01/11 16:42	1024-57-3	
Methoxychlor	ND	ug/L	0.010	0.0071	1	02/28/11 16:12	03/01/11 16:42	72-43-5	
Toxaphene	ND	ug/L	0.51	0.29	1	02/28/11 16:12	03/01/11 16:42	8001-35-2	
alpha-BHC	ND	ug/L	0.010	0.00031	1	02/28/11 16:12	03/01/11 16:42	319-84-6	
beta-BHC	ND	ug/L	0.010	0.00051	1	02/28/11 16:12	03/01/11 16:42	319-85-7	
delta-BHC	ND	ug/L	0.010	0.00041	1	02/28/11 16:12	03/01/11 16:42	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.010	0.00020	1	02/28/11 16:12	03/01/11 16:42	58-89-9	
Tetrachloro-m-xylene (S)	77	%	66.5-120.3		1	02/28/11 16:12	03/01/11 16:42	877-09-8	
Decachlorobiphenyl (S)	30	%	41.7-109.1		1	02/28/11 16:12	03/01/11 16:42	2051-24-3	S5
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3535								
PCB-1016 (Aroclor 1016)	ND	ug/L	0.62	0.62	1	02/24/11 12:00	03/08/11 09:53	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.62	0.62	1	02/24/11 12:00	03/08/11 09:53	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.62	0.62	1	02/24/11 12:00	03/08/11 09:53	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.62	0.62	1	02/24/11 12:00	03/08/11 09:53	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.62	0.62	1	02/24/11 12:00	03/08/11 09:53	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.62	0.62	1	02/24/11 12:00	03/08/11 09:53	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.62	0.62	1	02/24/11 12:00	03/08/11 09:53	11096-82-5	
Decachlorobiphenyl (S)	51	%	10-132		1	02/24/11 12:00	03/08/11 09:53	2051-24-3	
8151 Chlorinated Herbicides	Analytical Method: EPA 8151								
2,4,5-T	ND	ug/L	2.0	0.042	1	03/01/11 12:00	03/01/11 23:31	93-76-5	

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Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW9 **Lab ID: 9288391004** Collected: 02/22/11 17:30 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8151 Chlorinated Herbicides	Analytical Method: EPA 8151								
2,4,5-TP (Silvex)	ND	ug/L	2.0	0.049	1	03/01/11 12:00	03/01/11 23:31	93-72-1	
2,4-D	ND	ug/L	2.0	0.23	1	03/01/11 12:00	03/01/11 23:31	94-75-7	
Dinoseb	ND	ug/L	1.0	0.057	1	03/01/11 12:00	03/01/11 23:31	88-85-7	
2,4-DCPA (S)	79	%	65.5-125.7		1	03/01/11 12:00	03/01/11 23:31	19719-28-9	
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	**5.1**	ug/L	5.0	2.6	1	03/04/11 11:15	03/04/11 20:24	7440-36-0	
Arsenic	**5.8**	ug/L	5.0	2.7	1	03/04/11 11:15	03/04/11 20:24	7440-38-2	
Barium	**1190**	ug/L	5.0	0.20	1	03/04/11 11:15	03/04/11 20:24	7440-39-3	
Beryllium	**3.6**	ug/L	1.0	0.10	1	03/04/11 11:15	03/04/11 20:24	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	03/04/11 11:15	03/04/11 20:24	7440-43-9	
Chromium	**161**	ug/L	5.0	0.40	1	03/04/11 11:15	03/04/11 20:24	7440-47-3	
Cobalt	**40.5**	ug/L	5.0	0.60	1	03/04/11 11:15	03/04/11 20:24	7440-48-4	
Copper	**64.3**	ug/L	5.0	0.30	1	03/04/11 11:15	03/04/11 20:24	7440-50-8	
Lead	**16.2**	ug/L	5.0	4.0	1	03/04/11 11:15	03/04/11 20:24	7439-92-1	
Nickel	**97.3**	ug/L	5.0	1.7	1	03/04/11 11:15	03/04/11 20:24	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	03/04/11 11:15	03/04/11 20:24	7782-49-2	
Silver	ND	ug/L	5.0	0.10	1	03/04/11 11:15	03/04/11 20:24	7440-22-4	
Thallium	ND	ug/L	5.4	3.0	1	03/04/11 11:15	03/04/11 20:24	7440-28-0	
Tin	ND	ug/L	5.0	1.8	1	03/04/11 11:15	03/04/11 20:24	7440-31-5	
Vanadium	**205**	ug/L	5.0	0.20	1	03/04/11 11:15	03/04/11 20:24	7440-62-2	
Zinc	**162**	ug/L	10.0	0.40	1	03/04/11 11:15	03/04/11 20:24	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.10	1	03/03/11 16:30	03/04/11 13:30	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Acenaphthene	ND	ug/L	10.0	0.25	1	03/01/11 17:00	03/07/11 00:13	83-32-9	
Acenaphthylene	ND	ug/L	10.0	0.21	1	03/01/11 17:00	03/07/11 00:13	208-96-8	
Acetophenone	ND	ug/L	10.0	0.99	1	03/01/11 17:00	03/07/11 00:13	98-86-2	
2-Acetylaminofluorene	ND	ug/L	200	58.0	10	03/01/11 17:00	03/07/11 00:13	53-96-3	
4-Aminobiphenyl	ND	ug/L	100	52.0	10	03/01/11 17:00	03/07/11 00:13	92-67-1	
Anthracene	ND	ug/L	10.0	0.14	1	03/01/11 17:00	03/07/11 00:13	120-12-7	
Aramite	ND	ug/L	1000	49.0	10	03/01/11 17:00	03/07/11 00:13	140-57-8	
Benzo(a)anthracene	ND	ug/L	10.0	0.33	1	03/01/11 17:00	03/07/11 00:13	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	0.30	1	03/01/11 17:00	03/07/11 00:13	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	0.28	1	03/01/11 17:00	03/07/11 00:13	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	0.38	1	03/01/11 17:00	03/07/11 00:13	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	0.43	1	03/01/11 17:00	03/07/11 00:13	207-08-9	
Benzyl alcohol	ND	ug/L	20.0	2.4	1	03/01/11 17:00	03/07/11 00:13	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	0.82	1	03/01/11 17:00	03/07/11 00:13	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	0.79	1	03/01/11 17:00	03/07/11 00:13	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	20.0	3.7	1	03/01/11 17:00	03/07/11 00:13	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	2.8	1	03/01/11 17:00	03/07/11 00:13	106-47-8	
Chlorobenzilate	ND	ug/L	100	45.0	10	03/01/11 17:00	03/07/11 00:13	510-15-6	

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Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW9 **Lab ID: 9288391004** Collected: 02/22/11 17:30 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	0.92	1	03/01/11 17:00	03/07/11 00:13	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.0	1	03/01/11 17:00	03/07/11 00:13	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	0.95	1	03/01/11 17:00	03/07/11 00:13	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.0	0.98	1	03/01/11 17:00	03/07/11 00:13	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.3	1	03/01/11 17:00	03/07/11 00:13	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	0.87	1	03/01/11 17:00	03/07/11 00:13	7005-72-3	
Chrysene	ND	ug/L	10.0	0.21	1	03/01/11 17:00	03/07/11 00:13	218-01-9	
Diallate	ND	ug/L	100	54.0	10	03/01/11 17:00	03/07/11 00:13	2303-16-4	
Dibenz(a,h)anthracene	ND	ug/L	10.0	0.55	1	03/01/11 17:00	03/07/11 00:13	53-70-3	
Dibenzofuran	ND	ug/L	10.0	0.89	1	03/01/11 17:00	03/07/11 00:13	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	0.88	1	03/01/11 17:00	03/07/11 00:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	0.81	1	03/01/11 17:00	03/07/11 00:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	0.95	1	03/01/11 17:00	03/07/11 00:13	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	2.1	1	03/01/11 17:00	03/07/11 00:13	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.7	1	03/01/11 17:00	03/07/11 00:13	120-83-2	
2,6-Dichlorophenol	ND	ug/L	100	57.0	10	03/01/11 17:00	03/07/11 00:13	87-65-0	
Diethylphthalate	ND	ug/L	10.0	0.58	1	03/01/11 17:00	03/07/11 00:13	84-66-2	
Dimethoate	ND	ug/L	100	49.0	10	03/01/11 17:00	03/07/11 00:13	60-51-5	
P-Dimethylaminoazobenzene	ND	ug/L	50.0	27.0	10	03/01/11 17:00	03/07/11 00:13	60-11-7	
7,12-Dimethylbenz(a)anthracene	ND	ug/L	100	49.0	10	03/01/11 17:00	03/07/11 00:13	57-97-6	
3,3'-Dimethylbenzidine	ND	ug/L	100	96.0	10	03/01/11 17:00	03/07/11 00:13	119-93-7	
2,4-Dimethylphenol	ND	ug/L	10.0	1.2	1	03/01/11 17:00	03/07/11 00:13	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	0.76	1	03/01/11 17:00	03/07/11 00:13	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	0.75	1	03/01/11 17:00	03/07/11 00:13	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	2.6	1	03/01/11 17:00	03/07/11 00:13	534-52-1	
1,3-Dinitrobenzene	ND	ug/L	200	51.0	10	03/01/11 17:00	03/07/11 00:13	99-65-0	
1,4-Dinitrobenzene	ND	ug/L	200	50.0	10	03/01/11 17:00	03/07/11 00:13	100-25-4	
2,4-Dinitrophenol	ND	ug/L	50.0	9.0	1	03/01/11 17:00	03/07/11 00:13	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	0.90	1	03/01/11 17:00	03/07/11 00:13	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	0.98	1	03/01/11 17:00	03/07/11 00:13	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	0.66	1	03/01/11 17:00	03/07/11 00:13	117-84-0	
Diphenylamine	ND	ug/L	10.0	1.0	1	03/01/11 17:00	03/07/11 00:13	122-39-4	
Disulfoton	ND	ug/L	100	55.0	10	03/01/11 17:00	03/07/11 00:13	298-04-4	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	0.79	1	03/01/11 17:00	03/07/11 00:13	117-81-7	
Ethyl methanesulfonate	ND	ug/L	200	56.0	10	03/01/11 17:00	03/07/11 00:13	62-50-0	
Famphur	ND	ug/L	100	37.0	10	03/01/11 17:00	03/07/11 00:13	52-85-7	
Fluoranthene	ND	ug/L	10.0	0.21	1	03/01/11 17:00	03/07/11 00:13	206-44-0	
Fluorene	ND	ug/L	10.0	0.21	1	03/01/11 17:00	03/07/11 00:13	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	0.94	1	03/01/11 17:00	03/07/11 00:13	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	0.72	1	03/01/11 17:00	03/07/11 00:13	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	0.88	1	03/01/11 17:00	03/07/11 00:13	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.1	1	03/01/11 17:00	03/07/11 00:13	67-72-1	
Hexachloropropene	ND	ug/L	100	32.0	10	03/01/11 17:00	03/07/11 00:13	1888-71-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	0.29	1	03/01/11 17:00	03/07/11 00:13	193-39-5	
Isodrin	ND	ug/L	200	57.0	10	03/01/11 17:00	03/07/11 00:13	465-73-6	
Isophorone	ND	ug/L	10.0	0.89	1	03/01/11 17:00	03/07/11 00:13	78-59-1	

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Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW9 **Lab ID: 9288391004** Collected: 02/22/11 17:30 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Isosafrole	ND	ug/L	100	44.0	10	03/01/11 17:00	03/07/11 00:13	120-58-1	
Kepone	ND	ug/L	100	83.0	10	03/01/11 17:00	03/07/11 00:13	143-50-0	
Methapyrilene	ND	ug/L	500	58.0	10	03/01/11 17:00	03/07/11 00:13	91-80-5	
3-Methylcholanthrene	ND	ug/L	100	26.0	10	03/01/11 17:00	03/07/11 00:13	56-49-5	
Methyl methanesulfonate	ND	ug/L	50.0	37.0	10	03/01/11 17:00	03/07/11 00:13	66-27-3	
2-Methylnaphthalene	ND	ug/L	10.0	0.28	1	03/01/11 17:00	03/07/11 00:13	91-57-6	
Methyl parathion	ND	ug/L	100	49.0	10	03/01/11 17:00	03/07/11 00:13	298-00-0	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.6	1	03/01/11 17:00	03/07/11 00:13	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	2.0	1	03/01/11 17:00	03/07/11 00:13		
2-Naphthalenamine	ND	ug/L	50.0	30.0	10	03/01/11 17:00	03/07/11 00:13	91-59-8	
Naphthalene	ND	ug/L	10.0	0.34	1	03/01/11 17:00	03/07/11 00:13	91-20-3	
1-Naphthaleneamine	ND	ug/L	50.0	41.0	10	03/01/11 17:00	03/07/11 00:13	134-32-7	
1,4-Naphthoquinone	ND	ug/L	50.0	33.0	10	03/01/11 17:00	03/07/11 00:13	130-15-4	
2-Nitroaniline	ND	ug/L	50.0	2.0	1	03/01/11 17:00	03/07/11 00:13	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	2.0	1	03/01/11 17:00	03/07/11 00:13	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	2.1	1	03/01/11 17:00	03/07/11 00:13	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.1	1	03/01/11 17:00	03/07/11 00:13	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	0.91	1	03/01/11 17:00	03/07/11 00:13	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	4.1	1	03/01/11 17:00	03/07/11 00:13	100-02-7	
5-Nitro-o-toluidine	ND	ug/L	100	52.0	10	03/01/11 17:00	03/07/11 00:13	99-55-8	
N-Nitrosodiethylamine	ND	ug/L	200	56.0	10	03/01/11 17:00	03/07/11 00:13	55-18-5	
N-Nitrosodimethylamine	ND	ug/L	10.0	0.91	1	03/01/11 17:00	03/07/11 00:13	62-75-9	
N-Nitroso-di-n-butylamine	ND	ug/L	100	75.0	10	03/01/11 17:00	03/07/11 00:13	924-16-3	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	0.99	1	03/01/11 17:00	03/07/11 00:13	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1.0	1	03/01/11 17:00	03/07/11 00:13	86-30-6	
N-Nitrosomethylethylamine	ND	ug/L	100	47.0	10	03/01/11 17:00	03/07/11 00:13	10595-95-6	
N-Nitrosopiperidine	ND	ug/L	200	57.0	10	03/01/11 17:00	03/07/11 00:13	100-75-4	
N-Nitrosopyrrolidine	ND	ug/L	100	69.0	10	03/01/11 17:00	03/07/11 00:13	930-55-2	
O,O,O-Triethylphosphorothioate	ND	ug/L	100	51.0	10	03/01/11 17:00	03/07/11 00:13	126-68-1	
Parathion (Ethyl parathion)	ND	ug/L	100	51.0	10	03/01/11 17:00	03/07/11 00:13	56-38-2	
Pentachlorobenzene	ND	ug/L	100	43.0	10	03/01/11 17:00	03/07/11 00:13	608-93-5	
Pentachloroethane	ND	ug/L	200	33.0	10	03/01/11 17:00	03/07/11 00:13	76-01-7	
Pentachloronitrobenzene	ND	ug/L	200	48.0	10	03/01/11 17:00	03/07/11 00:13	82-68-8	
Pentachlorophenol	ND	ug/L	25.0	4.6	1	03/01/11 17:00	03/07/11 00:13	87-86-5	
Phenacetin	ND	ug/L	200	48.0	10	03/01/11 17:00	03/07/11 00:13	62-44-2	
Phenanthrene	ND	ug/L	10.0	0.22	1	03/01/11 17:00	03/07/11 00:13	85-01-8	
Phenol	ND	ug/L	10.0	1.9	1	03/01/11 17:00	03/07/11 00:13	108-95-2	
p-Phenylenediamine	ND	ug/L	100	67.0	10	03/01/11 17:00	03/07/11 00:13	106-50-3	
Phorate	ND	ug/L	100	54.0	10	03/01/11 17:00	03/07/11 00:13	298-02-2	
2-Picoline	ND	ug/L	100	43.0	10	03/01/11 17:00	03/07/11 00:13	109-06-8	
Pronamide	ND	ug/L	100	58.0	10	03/01/11 17:00	03/07/11 00:13	23950-58-5	
Pyrene	ND	ug/L	10.0	0.19	1	03/01/11 17:00	03/07/11 00:13	129-00-0	
Safrole	ND	ug/L	100	57.0	10	03/01/11 17:00	03/07/11 00:13	94-59-7	
1,2,4,5-Tetrachlorobenzene	ND	ug/L	100	40.0	10	03/01/11 17:00	03/07/11 00:13	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	ug/L	10.0	1.2	1	03/01/11 17:00	03/07/11 00:13	58-90-2	
Thionazin	ND	ug/L	200	48.0	10	03/01/11 17:00	03/07/11 00:13	297-97-2	

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205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
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ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW9 **Lab ID: 9288391004** Collected: 02/22/11 17:30 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
O-Toluidine	ND	ug/L	100	57.0	10	03/01/11 17:00	03/07/11 00:13	95-53-4	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	0.98	1	03/01/11 17:00	03/07/11 00:13	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	10.0	0.92	1	03/01/11 17:00	03/07/11 00:13	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.3	1	03/01/11 17:00	03/07/11 00:13	88-06-2	
1,3,5-Trinitrobenzene	ND	ug/L	100	52.0	10	03/01/11 17:00	03/07/11 00:13	99-35-4	
Nitrobenzene-d5 (S)	58	%	21-110		1	03/01/11 17:00	03/07/11 00:13	4165-60-0	
2-Fluorobiphenyl (S)	67	%	27-110		1	03/01/11 17:00	03/07/11 00:13	321-60-8	
Terphenyl-d14 (S)	69	%	31-107		1	03/01/11 17:00	03/07/11 00:13	1718-51-0	
Phenol-d6 (S)	23	%	10-110		1	03/01/11 17:00	03/07/11 00:13	13127-88-3	
2-Fluorophenol (S)	37	%	12-110		1	03/01/11 17:00	03/07/11 00:13	367-12-4	
2,4,6-Tribromophenol (S)	61	%	27-110		1	03/01/11 17:00	03/07/11 00:13	118-79-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		02/28/11 00:12	67-64-1	
Acetonitrile	ND	ug/L	50.0	2.2	1		02/28/11 00:12	75-05-8	
Acrolein	ND	ug/L	10.0	1.6	1		02/28/11 00:12	107-02-8	
Acrylonitrile	ND	ug/L	10.0	1.9	1		02/28/11 00:12	107-13-1	
Allyl chloride	ND	ug/L	2.0	1.5	1		02/28/11 00:12	107-05-1	
Benzene	ND	ug/L	1.0	0.25	1		02/28/11 00:12	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		02/28/11 00:12	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		02/28/11 00:12	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		02/28/11 00:12	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		02/28/11 00:12	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		02/28/11 00:12	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		02/28/11 00:12	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1.2	1		02/28/11 00:12	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		02/28/11 00:12	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		02/28/11 00:12	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		02/28/11 00:12	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		02/28/11 00:12	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		02/28/11 00:12	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.36	1		02/28/11 00:12	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		02/28/11 00:12	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		02/28/11 00:12	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		02/28/11 00:12	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		02/28/11 00:12	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		02/28/11 00:12	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		02/28/11 00:12	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		02/28/11 00:12	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1.0	1		02/28/11 00:12	110-57-6	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		02/28/11 00:12	75-71-8	
1,1-Dichloroethane	**0.34J**	ug/L	1.0	0.32	1		02/28/11 00:12	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		02/28/11 00:12	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		02/28/11 00:12	75-35-4	
cis-1,2-Dichloroethene	**0.55J**	ug/L	1.0	0.19	1		02/28/11 00:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		02/28/11 00:12	156-60-5	

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205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW9 **Lab ID: 9288391004** Collected: 02/22/11 17:30 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		02/28/11 00:12	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		02/28/11 00:12	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		02/28/11 00:12	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		02/28/11 00:12	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		02/28/11 00:12	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		02/28/11 00:12	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		02/28/11 00:12	108-20-3	
Ethanol	ND	ug/L	200	33.0	1		02/28/11 00:12	64-17-5	
Ethylbenzene	ND	ug/L	1.0	0.30	1		02/28/11 00:12	100-41-4	
2-Hexanone	ND	ug/L	5.0	0.46	1		02/28/11 00:12	591-78-6	
Iodomethane	ND	ug/L	5.0	0.32	1		02/28/11 00:12	74-88-4	
Methylene Chloride	ND	ug/L	1.0	0.97	1		02/28/11 00:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		02/28/11 00:12	108-10-1	
Naphthalene	ND	ug/L	1.0	0.24	1		02/28/11 00:12	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		02/28/11 00:12	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		02/28/11 00:12	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		02/28/11 00:12	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		02/28/11 00:12	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		02/28/11 00:12	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		02/28/11 00:12	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		02/28/11 00:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		02/28/11 00:12	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		02/28/11 00:12	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		02/28/11 00:12	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		02/28/11 00:12	96-18-4	
1,2,3-Trimethylbenzene	ND	ug/L	1.0	0.090	1		02/28/11 00:12	526-73-8	
Vinyl acetate	ND	ug/L	2.0	0.35	1		02/28/11 00:12	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		02/28/11 00:12	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		02/28/11 00:12	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		02/28/11 00:12	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		02/28/11 00:12	95-47-6	
4-Bromofluorobenzene (S)	97	%	70-130		1		02/28/11 00:12	460-00-4	
Dibromofluoromethane (S)	121	%	70-130		1		02/28/11 00:12	1868-53-7	
1,2-Dichloroethane-d4 (S)	124	%	70-130		1		02/28/11 00:12	17060-07-0	
Toluene-d8 (S)	98	%	70-130		1		02/28/11 00:12	2037-26-5	
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D								
Sulfide	ND	mg/L	0.10	0.10	1		02/24/11 17:00	18496-25-8	
4500CNE Cyanide, Total	Analytical Method: SM 4500-CN-E								
Cyanide	ND	mg/L	0.0050	0.0050	1		02/26/11 11:05	57-12-5	

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Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW10 **Lab ID: 9288391005** Collected: 02/22/11 17:45 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:								
Collected By	**MPS**				1		03/08/11 17:52		
Collected Date	**2/22/11**				1		03/08/11 17:52		
Collected Time	**17:45**				1		03/08/11 17:52		
Field pH	**5.10**	Std. Units			1		03/08/11 17:52		
Field Temperature	**8.1**	deg C			1		03/08/11 17:52		
Static Water Level	**2.52**	feet			1		03/08/11 17:52		
Field Specific Conductance	**62**	umhos/cm			1		03/08/11 17:52		
Turbidity	**97**	NTU			1		03/08/11 17:52		
8081 GCS Pesticides	Analytical Method: EPA 8081								
Aldrin	ND	ug/L	0.010	0.00051	1	02/28/11 16:12	03/01/11 17:02	309-00-2	
alpha-BHC	ND	ug/L	0.010	0.00031	1	02/28/11 16:12	03/01/11 17:02	319-84-6	
beta-BHC	ND	ug/L	0.010	0.00051	1	02/28/11 16:12	03/01/11 17:02	319-85-7	
delta-BHC	ND	ug/L	0.010	0.00041	1	02/28/11 16:12	03/01/11 17:02	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.010	0.00020	1	02/28/11 16:12	03/01/11 17:02	58-89-9	
Chlordane (Technical)	ND	ug/L	0.51	0.082	1	02/28/11 16:12	03/01/11 17:02	57-74-9	
4,4'-DDD	ND	ug/L	0.010	0.0019	1	02/28/11 16:12	03/01/11 17:02	72-54-8	
4,4'-DDE	ND	ug/L	0.010	0.00092	1	02/28/11 16:12	03/01/11 17:02	72-55-9	
4,4'-DDT	ND	ug/L	0.010	0.0037	1	02/28/11 16:12	03/01/11 17:02	50-29-3	
Dieldrin	ND	ug/L	0.010	0.00051	1	02/28/11 16:12	03/01/11 17:02	60-57-1	
Endosulfan I	ND	ug/L	0.010	0.00072	1	02/28/11 16:12	03/01/11 17:02	959-98-8	
Endosulfan II	ND	ug/L	0.010	0.00072	1	02/28/11 16:12	03/01/11 17:02	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.010	0.00061	1	02/28/11 16:12	03/01/11 17:02	1031-07-8	
Endrin	ND	ug/L	0.010	0.0017	1	02/28/11 16:12	03/01/11 17:02	72-20-8	
Endrin aldehyde	ND	ug/L	0.010	0.0073	1	02/28/11 16:12	03/01/11 17:02	7421-93-4	
Heptachlor	ND	ug/L	0.010	0.0015	1	02/28/11 16:12	03/01/11 17:02	76-44-8	
Heptachlor epoxide	ND	ug/L	0.010	0.00041	1	02/28/11 16:12	03/01/11 17:02	1024-57-3	
Methoxychlor	ND	ug/L	0.010	0.0072	1	02/28/11 16:12	03/01/11 17:02	72-43-5	
Toxaphene	ND	ug/L	0.51	0.29	1	02/28/11 16:12	03/01/11 17:02	8001-35-2	
Tetrachloro-m-xylene (S)	89	%	66.5-120.3		1	02/28/11 16:12	03/01/11 17:02	877-09-8	
Decachlorobiphenyl (S)	58	%	41.7-109.1		1	02/28/11 16:12	03/01/11 17:02	2051-24-3	
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3535								
PCB-1016 (Aroclor 1016)	ND	ug/L	0.60	0.60	1	02/24/11 12:00	03/08/11 10:13	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.60	0.60	1	02/24/11 12:00	03/08/11 10:13	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.60	0.60	1	02/24/11 12:00	03/08/11 10:13	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.60	0.60	1	02/24/11 12:00	03/08/11 10:13	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.60	0.60	1	02/24/11 12:00	03/08/11 10:13	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.60	0.60	1	02/24/11 12:00	03/08/11 10:13	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.60	0.60	1	02/24/11 12:00	03/08/11 10:13	11096-82-5	
Decachlorobiphenyl (S)	71	%	10-132		1	02/24/11 12:00	03/08/11 10:13	2051-24-3	
8151 Chlorinated Herbicides	Analytical Method: EPA 8151								
2,4-D	ND	ug/L	2.0	0.23	1	03/01/11 12:00	03/01/11 23:57	94-75-7	

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205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW10 **Lab ID: 9288391005** Collected: 02/22/11 17:45 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8151 Chlorinated Herbicides	Analytical Method: EPA 8151								
Dinoseb	ND	ug/L	1.0	0.058	1	03/01/11 12:00	03/01/11 23:57	88-85-7	
2,4,5-T	ND	ug/L	2.0	0.043	1	03/01/11 12:00	03/01/11 23:57	93-76-5	
2,4,5-TP (Silvex)	ND	ug/L	2.0	0.050	1	03/01/11 12:00	03/01/11 23:57	93-72-1	
2,4-DCPA (S)	79	%	65.5-125.7		1	03/01/11 12:00	03/01/11 23:57	19719-28-9	
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	5.0	2.6	1	03/04/11 11:15	03/04/11 20:27	7440-36-0	
Arsenic	ND	ug/L	5.0	2.7	1	03/04/11 11:15	03/04/11 20:27	7440-38-2	
Barium	**193**	ug/L	5.0	0.20	1	03/04/11 11:15	03/04/11 20:27	7440-39-3	
Beryllium	**0.51J**	ug/L	1.0	0.10	1	03/04/11 11:15	03/04/11 20:27	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	03/04/11 11:15	03/04/11 20:27	7440-43-9	
Chromium	**17.6**	ug/L	5.0	0.40	1	03/04/11 11:15	03/04/11 20:27	7440-47-3	
Cobalt	**5.2**	ug/L	5.0	0.60	1	03/04/11 11:15	03/04/11 20:27	7440-48-4	
Copper	**10.7**	ug/L	5.0	0.30	1	03/04/11 11:15	03/04/11 20:27	7440-50-8	
Lead	**6.3**	ug/L	5.0	4.0	1	03/04/11 11:15	03/04/11 20:27	7439-92-1	
Nickel	**8.4**	ug/L	5.0	1.7	1	03/04/11 11:15	03/04/11 20:27	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	03/04/11 11:15	03/04/11 20:27	7782-49-2	
Silver	ND	ug/L	5.0	0.10	1	03/04/11 11:15	03/04/11 20:27	7440-22-4	
Thallium	ND	ug/L	5.4	3.0	1	03/04/11 11:15	03/04/11 20:27	7440-28-0	
Tin	ND	ug/L	5.0	1.8	1	03/04/11 11:15	03/04/11 20:27	7440-31-5	
Vanadium	**22.8**	ug/L	5.0	0.20	1	03/04/11 11:15	03/04/11 20:27	7440-62-2	
Zinc	**36.7**	ug/L	10.0	0.40	1	03/04/11 11:15	03/04/11 20:27	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.10	1	03/03/11 16:30	03/04/11 13:38	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Acenaphthene	ND	ug/L	10.0	0.25	1	03/01/11 17:00	03/08/11 15:24	83-32-9	
Acenaphthylene	ND	ug/L	10.0	0.21	1	03/01/11 17:00	03/08/11 15:24	208-96-8	
Acetophenone	ND	ug/L	10.0	0.99	1	03/01/11 17:00	03/08/11 15:24	98-86-2	
2-Acetylaminofluorene	ND	ug/L	20.0	5.8	1	03/01/11 17:00	03/08/11 15:24	53-96-3	
4-Aminobiphenyl	ND	ug/L	10.0	5.2	1	03/01/11 17:00	03/08/11 15:24	92-67-1	
Anthracene	ND	ug/L	10.0	0.14	1	03/01/11 17:00	03/08/11 15:24	120-12-7	
Aramite	ND	ug/L	100	4.9	1	03/01/11 17:00	03/08/11 15:24	140-57-8	
Benzo(a)anthracene	ND	ug/L	10.0	0.33	1	03/01/11 17:00	03/08/11 15:24	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	0.30	1	03/01/11 17:00	03/08/11 15:24	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	0.28	1	03/01/11 17:00	03/08/11 15:24	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	0.38	1	03/01/11 17:00	03/08/11 15:24	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	0.43	1	03/01/11 17:00	03/08/11 15:24	207-08-9	
Benzyl alcohol	ND	ug/L	20.0	2.4	1	03/01/11 17:00	03/08/11 15:24	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	0.82	1	03/01/11 17:00	03/08/11 15:24	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	0.79	1	03/01/11 17:00	03/08/11 15:24	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	20.0	3.7	1	03/01/11 17:00	03/08/11 15:24	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	2.8	1	03/01/11 17:00	03/08/11 15:24	106-47-8	
Chlorobenzilate	ND	ug/L	10.0	4.5	1	03/01/11 17:00	03/08/11 15:24	510-15-6	

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ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW10 **Lab ID: 9288391005** Collected: 02/22/11 17:45 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	0.92	1	03/01/11 17:00	03/08/11 15:24	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.0	1	03/01/11 17:00	03/08/11 15:24	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	0.95	1	03/01/11 17:00	03/08/11 15:24	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.0	0.98	1	03/01/11 17:00	03/08/11 15:24	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.3	1	03/01/11 17:00	03/08/11 15:24	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	0.87	1	03/01/11 17:00	03/08/11 15:24	7005-72-3	
Chrysene	ND	ug/L	10.0	0.21	1	03/01/11 17:00	03/08/11 15:24	218-01-9	
Diallate	ND	ug/L	10.0	5.4	1	03/01/11 17:00	03/08/11 15:24	2303-16-4	
Dibenz(a,h)anthracene	ND	ug/L	10.0	0.55	1	03/01/11 17:00	03/08/11 15:24	53-70-3	
Dibenzofuran	ND	ug/L	10.0	0.89	1	03/01/11 17:00	03/08/11 15:24	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	0.88	1	03/01/11 17:00	03/08/11 15:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	0.81	1	03/01/11 17:00	03/08/11 15:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	0.95	1	03/01/11 17:00	03/08/11 15:24	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	2.1	1	03/01/11 17:00	03/08/11 15:24	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.7	1	03/01/11 17:00	03/08/11 15:24	120-83-2	
2,6-Dichlorophenol	ND	ug/L	10.0	5.7	1	03/01/11 17:00	03/08/11 15:24	87-65-0	
Diethylphthalate	ND	ug/L	10.0	0.58	1	03/01/11 17:00	03/08/11 15:24	84-66-2	
Dimethoate	ND	ug/L	10.0	4.9	1	03/01/11 17:00	03/08/11 15:24	60-51-5	
P-Dimethylaminoazobenzene	ND	ug/L	5.0	2.7	1	03/01/11 17:00	03/08/11 15:24	60-11-7	
7,12-Dimethylbenz(a)anthracene	ND	ug/L	10.0	4.9	1	03/01/11 17:00	03/08/11 15:24	57-97-6	
3,3'-Dimethylbenzidine	ND	ug/L	10.0	9.6	1	03/01/11 17:00	03/08/11 15:24	119-93-7	
2,4-Dimethylphenol	ND	ug/L	10.0	1.2	1	03/01/11 17:00	03/08/11 15:24	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	0.76	1	03/01/11 17:00	03/08/11 15:24	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	0.75	1	03/01/11 17:00	03/08/11 15:24	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	2.6	1	03/01/11 17:00	03/08/11 15:24	534-52-1	
1,3-Dinitrobenzene	ND	ug/L	20.0	5.1	1	03/01/11 17:00	03/08/11 15:24	99-65-0	
1,4-Dinitrobenzene	ND	ug/L	20.0	5.0	1	03/01/11 17:00	03/08/11 15:24	100-25-4	
2,4-Dinitrophenol	ND	ug/L	50.0	9.0	1	03/01/11 17:00	03/08/11 15:24	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	0.90	1	03/01/11 17:00	03/08/11 15:24	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	0.98	1	03/01/11 17:00	03/08/11 15:24	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	0.66	1	03/01/11 17:00	03/08/11 15:24	117-84-0	
Diphenylamine	ND	ug/L	10.0	1.0	1	03/01/11 17:00	03/08/11 15:24	122-39-4	
Disulfoton	ND	ug/L	10.0	5.5	1	03/01/11 17:00	03/08/11 15:24	298-04-4	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	0.79	1	03/01/11 17:00	03/08/11 15:24	117-81-7	
Ethyl methanesulfonate	ND	ug/L	20.0	5.6	1	03/01/11 17:00	03/08/11 15:24	62-50-0	
Famphur	ND	ug/L	10.0	3.7	1	03/01/11 17:00	03/08/11 15:24	52-85-7	
Fluoranthene	ND	ug/L	10.0	0.21	1	03/01/11 17:00	03/08/11 15:24	206-44-0	
Fluorene	ND	ug/L	10.0	0.21	1	03/01/11 17:00	03/08/11 15:24	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	0.94	1	03/01/11 17:00	03/08/11 15:24	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	0.72	1	03/01/11 17:00	03/08/11 15:24	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	0.88	1	03/01/11 17:00	03/08/11 15:24	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.1	1	03/01/11 17:00	03/08/11 15:24	67-72-1	
Hexachloropropene	ND	ug/L	10.0	3.2	1	03/01/11 17:00	03/08/11 15:24	1888-71-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	0.29	1	03/01/11 17:00	03/08/11 15:24	193-39-5	
Isodrin	ND	ug/L	20.0	5.7	1	03/01/11 17:00	03/08/11 15:24	465-73-6	
Isophorone	ND	ug/L	10.0	0.89	1	03/01/11 17:00	03/08/11 15:24	78-59-1	

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205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW10 **Lab ID: 9288391005** Collected: 02/22/11 17:45 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Isosafrole	ND	ug/L	10.0	4.4	1	03/01/11 17:00	03/08/11 15:24	120-58-1	
Kepone	ND	ug/L	10.0	8.3	1	03/01/11 17:00	03/08/11 15:24	143-50-0	
Methapyrilene	ND	ug/L	50.0	5.8	1	03/01/11 17:00	03/08/11 15:24	91-80-5	
3-Methylcholanthrene	ND	ug/L	10.0	2.6	1	03/01/11 17:00	03/08/11 15:24	56-49-5	
Methyl methanesulfonate	ND	ug/L	5.0	3.7	1	03/01/11 17:00	03/08/11 15:24	66-27-3	
2-Methylnaphthalene	ND	ug/L	10.0	0.28	1	03/01/11 17:00	03/08/11 15:24	91-57-6	
Methyl parathion	ND	ug/L	10.0	4.9	1	03/01/11 17:00	03/08/11 15:24	298-00-0	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.6	1	03/01/11 17:00	03/08/11 15:24	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	2.0	1	03/01/11 17:00	03/08/11 15:24		
2-Naphthalenamine	ND	ug/L	5.0	3.0	1	03/01/11 17:00	03/08/11 15:24	91-59-8	
Naphthalene	ND	ug/L	10.0	0.34	1	03/01/11 17:00	03/08/11 15:24	91-20-3	
1-Naphthaleneamine	ND	ug/L	5.0	4.1	1	03/01/11 17:00	03/08/11 15:24	134-32-7	
1,4-Naphthoquinone	ND	ug/L	5.0	3.3	1	03/01/11 17:00	03/08/11 15:24	130-15-4	
2-Nitroaniline	ND	ug/L	50.0	2.0	1	03/01/11 17:00	03/08/11 15:24	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	2.0	1	03/01/11 17:00	03/08/11 15:24	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	2.1	1	03/01/11 17:00	03/08/11 15:24	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.1	1	03/01/11 17:00	03/08/11 15:24	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	0.91	1	03/01/11 17:00	03/08/11 15:24	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	4.1	1	03/01/11 17:00	03/08/11 15:24	100-02-7	
5-Nitro-o-toluidine	ND	ug/L	10.0	5.2	1	03/01/11 17:00	03/08/11 15:24	99-55-8	
N-Nitrosodiethylamine	ND	ug/L	20.0	5.6	1	03/01/11 17:00	03/08/11 15:24	55-18-5	
N-Nitrosodimethylamine	ND	ug/L	10.0	0.91	1	03/01/11 17:00	03/08/11 15:24	62-75-9	
N-Nitroso-di-n-butylamine	ND	ug/L	10.0	7.5	1	03/01/11 17:00	03/08/11 15:24	924-16-3	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	0.99	1	03/01/11 17:00	03/08/11 15:24	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1.0	1	03/01/11 17:00	03/08/11 15:24	86-30-6	
N-Nitrosomethylethylamine	ND	ug/L	10.0	4.7	1	03/01/11 17:00	03/08/11 15:24	10595-95-6	
N-Nitrosopiperidine	ND	ug/L	20.0	5.7	1	03/01/11 17:00	03/08/11 15:24	100-75-4	
N-Nitrosopyrrolidine	ND	ug/L	10.0	6.9	1	03/01/11 17:00	03/08/11 15:24	930-55-2	
O,O,O-Triethylphosphorothioate	ND	ug/L	10.0	5.1	1	03/01/11 17:00	03/08/11 15:24	126-68-1	
Parathion (Ethyl parathion)	ND	ug/L	10.0	5.1	1	03/01/11 17:00	03/08/11 15:24	56-38-2	
Pentachlorobenzene	ND	ug/L	10.0	4.3	1	03/01/11 17:00	03/08/11 15:24	608-93-5	
Pentachloroethane	ND	ug/L	20.0	3.3	1	03/01/11 17:00	03/08/11 15:24	76-01-7	
Pentachloronitrobenzene	ND	ug/L	20.0	4.8	1	03/01/11 17:00	03/08/11 15:24	82-68-8	
Pentachlorophenol	ND	ug/L	25.0	4.6	1	03/01/11 17:00	03/08/11 15:24	87-86-5	
Phenacetin	ND	ug/L	20.0	4.8	1	03/01/11 17:00	03/08/11 15:24	62-44-2	
Phenanthrene	ND	ug/L	10.0	0.22	1	03/01/11 17:00	03/08/11 15:24	85-01-8	
Phenol	ND	ug/L	10.0	1.9	1	03/01/11 17:00	03/08/11 15:24	108-95-2	
p-Phenylenediamine	ND	ug/L	10.0	6.7	1	03/01/11 17:00	03/08/11 15:24	106-50-3	
Phorate	ND	ug/L	10.0	5.4	1	03/01/11 17:00	03/08/11 15:24	298-02-2	
2-Picoline	ND	ug/L	10.0	4.3	1	03/01/11 17:00	03/08/11 15:24	109-06-8	
Pronamide	ND	ug/L	10.0	5.8	1	03/01/11 17:00	03/08/11 15:24	23950-58-5	
Pyrene	ND	ug/L	10.0	0.19	1	03/01/11 17:00	03/08/11 15:24	129-00-0	
Safrole	ND	ug/L	10.0	5.7	1	03/01/11 17:00	03/08/11 15:24	94-59-7	
1,2,4,5-Tetrachlorobenzene	ND	ug/L	10.0	4.0	1	03/01/11 17:00	03/08/11 15:24	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	ug/L	10.0	1.2	1	03/01/11 17:00	03/08/11 15:24	58-90-2	
Thionazin	ND	ug/L	20.0	4.8	1	03/01/11 17:00	03/08/11 15:24	297-97-2	

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Eden, NC 27288
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Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW10 **Lab ID: 9288391005** Collected: 02/22/11 17:45 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
O-Toluidine	ND	ug/L	10.0	5.7	1	03/01/11 17:00	03/08/11 15:24	95-53-4	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	0.98	1	03/01/11 17:00	03/08/11 15:24	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	10.0	0.92	1	03/01/11 17:00	03/08/11 15:24	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.3	1	03/01/11 17:00	03/08/11 15:24	88-06-2	
1,3,5-Trinitrobenzene	ND	ug/L	10.0	5.2	1	03/01/11 17:00	03/08/11 15:24	99-35-4	
Nitrobenzene-d5 (S)	67	%	21-110		1	03/01/11 17:00	03/08/11 15:24	4165-60-0	
2-Fluorobiphenyl (S)	71	%	27-110		1	03/01/11 17:00	03/08/11 15:24	321-60-8	
Terphenyl-d14 (S)	71	%	31-107		1	03/01/11 17:00	03/08/11 15:24	1718-51-0	
Phenol-d6 (S)	25	%	10-110		1	03/01/11 17:00	03/08/11 15:24	13127-88-3	
2-Fluorophenol (S)	42	%	12-110		1	03/01/11 17:00	03/08/11 15:24	367-12-4	
2,4,6-Tribromophenol (S)	67	%	27-110		1	03/01/11 17:00	03/08/11 15:24	118-79-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		02/28/11 00:37	67-64-1	
Acetonitrile	ND	ug/L	50.0	2.2	1		02/28/11 00:37	75-05-8	
Acrolein	ND	ug/L	10.0	1.6	1		02/28/11 00:37	107-02-8	
Acrylonitrile	ND	ug/L	10.0	1.9	1		02/28/11 00:37	107-13-1	
Allyl chloride	ND	ug/L	2.0	1.5	1		02/28/11 00:37	107-05-1	
Benzene	ND	ug/L	1.0	0.25	1		02/28/11 00:37	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		02/28/11 00:37	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		02/28/11 00:37	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		02/28/11 00:37	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		02/28/11 00:37	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		02/28/11 00:37	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		02/28/11 00:37	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1.2	1		02/28/11 00:37	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		02/28/11 00:37	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		02/28/11 00:37	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		02/28/11 00:37	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		02/28/11 00:37	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		02/28/11 00:37	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.36	1		02/28/11 00:37	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		02/28/11 00:37	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		02/28/11 00:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		02/28/11 00:37	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		02/28/11 00:37	74-95-3	
1,2-Dichlorobenzene	**0.33J**	ug/L	1.0	0.30	1		02/28/11 00:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		02/28/11 00:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		02/28/11 00:37	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1.0	1		02/28/11 00:37	110-57-6	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		02/28/11 00:37	75-71-8	
1,1-Dichloroethane	**3.1**	ug/L	1.0	0.32	1		02/28/11 00:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		02/28/11 00:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		02/28/11 00:37	75-35-4	
cis-1,2-Dichloroethene	**2.3**	ug/L	1.0	0.19	1		02/28/11 00:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		02/28/11 00:37	156-60-5	

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Eden, NC 27288
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2225 Riverside Dr.
Asheville, NC 28804
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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW10 **Lab ID: 9288391005** Collected: 02/22/11 17:45 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		02/28/11 00:37	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		02/28/11 00:37	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		02/28/11 00:37	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		02/28/11 00:37	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		02/28/11 00:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		02/28/11 00:37	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		02/28/11 00:37	108-20-3	
Ethanol	ND	ug/L	200	33.0	1		02/28/11 00:37	64-17-5	
Ethylbenzene	ND	ug/L	1.0	0.30	1		02/28/11 00:37	100-41-4	
2-Hexanone	ND	ug/L	5.0	0.46	1		02/28/11 00:37	591-78-6	
Iodomethane	ND	ug/L	5.0	0.32	1		02/28/11 00:37	74-88-4	
Methylene Chloride	ND	ug/L	1.0	0.97	1		02/28/11 00:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		02/28/11 00:37	108-10-1	
Naphthalene	ND	ug/L	1.0	0.24	1		02/28/11 00:37	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		02/28/11 00:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		02/28/11 00:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		02/28/11 00:37	79-34-5	
Tetrachloroethene	**0.85J**	ug/L	1.0	0.46	1		02/28/11 00:37	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		02/28/11 00:37	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		02/28/11 00:37	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		02/28/11 00:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		02/28/11 00:37	79-00-5	
Trichloroethene	**0.55J**	ug/L	1.0	0.47	1		02/28/11 00:37	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		02/28/11 00:37	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		02/28/11 00:37	96-18-4	
1,2,3-Trimethylbenzene	ND	ug/L	1.0	0.090	1		02/28/11 00:37	526-73-8	
Vinyl acetate	ND	ug/L	2.0	0.35	1		02/28/11 00:37	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		02/28/11 00:37	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		02/28/11 00:37	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		02/28/11 00:37	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		02/28/11 00:37	95-47-6	
4-Bromofluorobenzene (S)	99	%	70-130		1		02/28/11 00:37	460-00-4	
Dibromofluoromethane (S)	122	%	70-130		1		02/28/11 00:37	1868-53-7	
1,2-Dichloroethane-d4 (S)	120	%	70-130		1		02/28/11 00:37	17060-07-0	
Toluene-d8 (S)	98	%	70-130		1		02/28/11 00:37	2037-26-5	
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D								
Sulfide	ND	mg/L	0.10	0.10	1		02/24/11 17:00	18496-25-8	
4500CNE Cyanide, Total	Analytical Method: SM 4500-CN-E								
Cyanide	ND	mg/L	0.0050	0.0050	1		02/26/11 11:08	57-12-5	

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205 East Meadow Road - Suite A
Eden, NC 27288
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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW11 **Lab ID: 9288391006** Collected: 02/22/11 15:15 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:								
Collected By	**MPS**				1		03/08/11 17:53		
Collected Date	**2/22/11**				1		03/08/11 17:53		
Collected Time	**15:15**				1		03/08/11 17:53		
Field pH	**6.50**	Std. Units			1		03/08/11 17:53		
Field Temperature	**14.4**	deg C			1		03/08/11 17:53		
Static Water Level	**79.36**	feet			1		03/08/11 17:53		
Field Specific Conductance	**676**	umhos/cm			1		03/08/11 17:53		
Turbidity	**4.16**	NTU			1		03/08/11 17:53		
8081 GCS Pesticides	Analytical Method: EPA 8081								
4,4'-DDD	ND	ug/L	0.010	0.0019	1	02/28/11 16:12	03/01/11 17:21	72-54-8	
4,4'-DDE	ND	ug/L	0.010	0.00091	1	02/28/11 16:12	03/01/11 17:21	72-55-9	
4,4'-DDT	ND	ug/L	0.010	0.0037	1	02/28/11 16:12	03/01/11 17:21	50-29-3	
Aldrin	ND	ug/L	0.010	0.00051	1	02/28/11 16:12	03/01/11 17:21	309-00-2	
Chlordane (Technical)	ND	ug/L	0.51	0.081	1	02/28/11 16:12	03/01/11 17:21	57-74-9	
Dieldrin	ND	ug/L	0.010	0.00051	1	02/28/11 16:12	03/01/11 17:21	60-57-1	
Endosulfan I	ND	ug/L	0.010	0.00071	1	02/28/11 16:12	03/01/11 17:21	959-98-8	
Endosulfan II	ND	ug/L	0.010	0.00071	1	02/28/11 16:12	03/01/11 17:21	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.010	0.00061	1	02/28/11 16:12	03/01/11 17:21	1031-07-8	
Endrin	ND	ug/L	0.010	0.0017	1	02/28/11 16:12	03/01/11 17:21	72-20-8	
Endrin aldehyde	ND	ug/L	0.010	0.0072	1	02/28/11 16:12	03/01/11 17:21	7421-93-4	
Heptachlor	**0.079**	ug/L	0.010	0.0015	1	02/28/11 16:12	03/01/11 17:21	76-44-8	
Heptachlor epoxide	ND	ug/L	0.010	0.00041	1	02/28/11 16:12	03/01/11 17:21	1024-57-3	
Methoxychlor	ND	ug/L	0.010	0.0071	1	02/28/11 16:12	03/01/11 17:21	72-43-5	
Toxaphene	ND	ug/L	0.51	0.29	1	02/28/11 16:12	03/01/11 17:21	8001-35-2	
alpha-BHC	ND	ug/L	0.010	0.00030	1	02/28/11 16:12	03/01/11 17:21	319-84-6	
beta-BHC	ND	ug/L	0.010	0.00051	1	02/28/11 16:12	03/01/11 17:21	319-85-7	
delta-BHC	ND	ug/L	0.010	0.00041	1	02/28/11 16:12	03/01/11 17:21	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.010	0.00020	1	02/28/11 16:12	03/01/11 17:21	58-89-9	
Tetrachloro-m-xylene (S)	100	%	66.5-120.3		1	02/28/11 16:12	03/01/11 17:21	877-09-8	
Decachlorobiphenyl (S)	84	%	41.7-109.1		1	02/28/11 16:12	03/01/11 17:21	2051-24-3	
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3535								
PCB-1016 (Aroclor 1016)	ND	ug/L	0.57	0.57	1	02/24/11 12:00	03/08/11 10:32	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.57	0.57	1	02/24/11 12:00	03/08/11 10:32	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.57	0.57	1	02/24/11 12:00	03/08/11 10:32	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.57	0.57	1	02/24/11 12:00	03/08/11 10:32	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.57	0.57	1	02/24/11 12:00	03/08/11 10:32	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.57	0.57	1	02/24/11 12:00	03/08/11 10:32	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.57	0.57	1	02/24/11 12:00	03/08/11 10:32	11096-82-5	
Decachlorobiphenyl (S)	59	%	10-132		1	02/24/11 12:00	03/08/11 10:32	2051-24-3	
8151 Chlorinated Herbicides	Analytical Method: EPA 8151								
2,4,5-T	ND	ug/L	2.0	0.042	1	03/01/11 12:00	03/02/11 00:24	93-76-5	

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Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW11 **Lab ID: 9288391006** Collected: 02/22/11 15:15 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8151 Chlorinated Herbicides	Analytical Method: EPA 8151								
2,4,5-TP (Silvex)	ND	ug/L	2.0	0.049	1	03/01/11 12:00	03/02/11 00:24	93-72-1	
2,4-D	ND	ug/L	2.0	0.23	1	03/01/11 12:00	03/02/11 00:24	94-75-7	
Dinoseb	ND	ug/L	1.0	0.057	1	03/01/11 12:00	03/02/11 00:24	88-85-7	
2,4-DCPA (S)	74	%	65.5-125.7		1	03/01/11 12:00	03/02/11 00:24	19719-28-9	
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	5.0	2.6	1	03/04/11 11:15	03/04/11 20:30	7440-36-0	
Arsenic	**5.3**	ug/L	5.0	2.7	1	03/04/11 11:15	03/04/11 20:30	7440-38-2	
Barium	**138**	ug/L	5.0	0.20	1	03/04/11 11:15	03/04/11 20:30	7440-39-3	
Beryllium	ND	ug/L	1.0	0.10	1	03/04/11 11:15	03/04/11 20:30	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	03/04/11 11:15	03/04/11 20:30	7440-43-9	
Chromium	**1.7J**	ug/L	5.0	0.40	1	03/04/11 11:15	03/04/11 20:30	7440-47-3	
Cobalt	**9.4**	ug/L	5.0	0.60	1	03/04/11 11:15	03/04/11 20:30	7440-48-4	
Copper	ND	ug/L	5.0	0.30	1	03/04/11 11:15	03/04/11 20:30	7440-50-8	
Lead	ND	ug/L	5.0	4.0	1	03/04/11 11:15	03/04/11 20:30	7439-92-1	
Nickel	ND	ug/L	5.0	1.7	1	03/04/11 11:15	03/04/11 20:30	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	03/04/11 11:15	03/04/11 20:30	7782-49-2	
Silver	**0.34J**	ug/L	5.0	0.10	1	03/04/11 11:15	03/04/11 20:30	7440-22-4	
Thallium	ND	ug/L	5.4	3.0	1	03/04/11 11:15	03/04/11 20:30	7440-28-0	
Tin	**4.9J**	ug/L	5.0	1.8	1	03/04/11 11:15	03/04/11 20:30	7440-31-5	
Vanadium	ND	ug/L	5.0	0.20	1	03/04/11 11:15	03/04/11 20:30	7440-62-2	
Zinc	**10.3**	ug/L	10.0	0.40	1	03/04/11 11:15	03/04/11 20:30	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.10	1	03/03/11 16:30	03/04/11 13:41	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Acenaphthene	ND	ug/L	10.0	0.25	1	03/01/11 17:00	03/07/11 14:57	83-32-9	
Acenaphthylene	ND	ug/L	10.0	0.21	1	03/01/11 17:00	03/07/11 14:57	208-96-8	
Acetophenone	ND	ug/L	10.0	0.99	1	03/01/11 17:00	03/07/11 14:57	98-86-2	
2-Acetylaminofluorene	ND	ug/L	20.0	5.8	1	03/01/11 17:00	03/07/11 14:57	53-96-3	
4-Aminobiphenyl	ND	ug/L	10.0	5.2	1	03/01/11 17:00	03/07/11 14:57	92-67-1	
Anthracene	ND	ug/L	10.0	0.14	1	03/01/11 17:00	03/07/11 14:57	120-12-7	
Aramite	ND	ug/L	100	4.9	1	03/01/11 17:00	03/07/11 14:57	140-57-8	
Benzo(a)anthracene	ND	ug/L	10.0	0.33	1	03/01/11 17:00	03/07/11 14:57	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	0.30	1	03/01/11 17:00	03/07/11 14:57	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	0.28	1	03/01/11 17:00	03/07/11 14:57	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	0.38	1	03/01/11 17:00	03/07/11 14:57	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	0.43	1	03/01/11 17:00	03/07/11 14:57	207-08-9	
Benzyl alcohol	ND	ug/L	20.0	2.4	1	03/01/11 17:00	03/07/11 14:57	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	0.82	1	03/01/11 17:00	03/07/11 14:57	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	0.79	1	03/01/11 17:00	03/07/11 14:57	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	20.0	3.7	1	03/01/11 17:00	03/07/11 14:57	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	2.8	1	03/01/11 17:00	03/07/11 14:57	106-47-8	
Chlorobenzilate	ND	ug/L	10.0	4.5	1	03/01/11 17:00	03/07/11 14:57	510-15-6	

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Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW11 **Lab ID: 9288391006** Collected: 02/22/11 15:15 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	0.92	1	03/01/11 17:00	03/07/11 14:57	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.0	1	03/01/11 17:00	03/07/11 14:57	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	0.95	1	03/01/11 17:00	03/07/11 14:57	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.0	0.98	1	03/01/11 17:00	03/07/11 14:57	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.3	1	03/01/11 17:00	03/07/11 14:57	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	0.87	1	03/01/11 17:00	03/07/11 14:57	7005-72-3	
Chrysene	ND	ug/L	10.0	0.21	1	03/01/11 17:00	03/07/11 14:57	218-01-9	
Diallate	ND	ug/L	10.0	5.4	1	03/01/11 17:00	03/07/11 14:57	2303-16-4	
Dibenz(a,h)anthracene	ND	ug/L	10.0	0.55	1	03/01/11 17:00	03/07/11 14:57	53-70-3	
Dibenzofuran	ND	ug/L	10.0	0.89	1	03/01/11 17:00	03/07/11 14:57	132-64-9	
1,2-Dichlorobenzene	**1.8J**	ug/L	10.0	0.88	1	03/01/11 17:00	03/07/11 14:57	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	0.81	1	03/01/11 17:00	03/07/11 14:57	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	0.95	1	03/01/11 17:00	03/07/11 14:57	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	2.1	1	03/01/11 17:00	03/07/11 14:57	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.7	1	03/01/11 17:00	03/07/11 14:57	120-83-2	
2,6-Dichlorophenol	ND	ug/L	10.0	5.7	1	03/01/11 17:00	03/07/11 14:57	87-65-0	
Diethylphthalate	ND	ug/L	10.0	0.58	1	03/01/11 17:00	03/07/11 14:57	84-66-2	
Dimethoate	ND	ug/L	10.0	4.9	1	03/01/11 17:00	03/07/11 14:57	60-51-5	
P-Dimethylaminoazobenzene	ND	ug/L	5.0	2.7	1	03/01/11 17:00	03/07/11 14:57	60-11-7	
7,12-Dimethylbenz(a)anthracene	ND	ug/L	10.0	4.9	1	03/01/11 17:00	03/07/11 14:57	57-97-6	
3,3'-Dimethylbenzidine	ND	ug/L	10.0	9.6	1	03/01/11 17:00	03/07/11 14:57	119-93-7	
2,4-Dimethylphenol	ND	ug/L	10.0	1.2	1	03/01/11 17:00	03/07/11 14:57	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	0.76	1	03/01/11 17:00	03/07/11 14:57	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	0.75	1	03/01/11 17:00	03/07/11 14:57	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	2.6	1	03/01/11 17:00	03/07/11 14:57	534-52-1	
1,3-Dinitrobenzene	ND	ug/L	20.0	5.1	1	03/01/11 17:00	03/07/11 14:57	99-65-0	
1,4-Dinitrobenzene	ND	ug/L	20.0	5.0	1	03/01/11 17:00	03/07/11 14:57	100-25-4	
2,4-Dinitrophenol	ND	ug/L	50.0	9.0	1	03/01/11 17:00	03/07/11 14:57	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	0.90	1	03/01/11 17:00	03/07/11 14:57	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	0.98	1	03/01/11 17:00	03/07/11 14:57	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	0.66	1	03/01/11 17:00	03/07/11 14:57	117-84-0	
Diphenylamine	ND	ug/L	10.0	1.0	1	03/01/11 17:00	03/07/11 14:57	122-39-4	
Disulfoton	ND	ug/L	10.0	5.5	1	03/01/11 17:00	03/07/11 14:57	298-04-4	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	0.79	1	03/01/11 17:00	03/07/11 14:57	117-81-7	
Ethyl methanesulfonate	ND	ug/L	20.0	5.6	1	03/01/11 17:00	03/07/11 14:57	62-50-0	
Famphur	ND	ug/L	10.0	3.7	1	03/01/11 17:00	03/07/11 14:57	52-85-7	
Fluoranthene	ND	ug/L	10.0	0.21	1	03/01/11 17:00	03/07/11 14:57	206-44-0	
Fluorene	ND	ug/L	10.0	0.21	1	03/01/11 17:00	03/07/11 14:57	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	0.94	1	03/01/11 17:00	03/07/11 14:57	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	0.72	1	03/01/11 17:00	03/07/11 14:57	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	0.88	1	03/01/11 17:00	03/07/11 14:57	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.1	1	03/01/11 17:00	03/07/11 14:57	67-72-1	
Hexachloropropene	ND	ug/L	10.0	3.2	1	03/01/11 17:00	03/07/11 14:57	1888-71-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	0.29	1	03/01/11 17:00	03/07/11 14:57	193-39-5	
Isodrin	ND	ug/L	20.0	5.7	1	03/01/11 17:00	03/07/11 14:57	465-73-6	
Isophorone	ND	ug/L	10.0	0.89	1	03/01/11 17:00	03/07/11 14:57	78-59-1	

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Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
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Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
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ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW11 **Lab ID: 9288391006** Collected: 02/22/11 15:15 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Isosafrole	ND	ug/L	10.0	4.4	1	03/01/11 17:00	03/07/11 14:57	120-58-1	
Kepone	ND	ug/L	10.0	8.3	1	03/01/11 17:00	03/07/11 14:57	143-50-0	
Methapyrilene	ND	ug/L	50.0	5.8	1	03/01/11 17:00	03/07/11 14:57	91-80-5	
3-Methylcholanthrene	ND	ug/L	10.0	2.6	1	03/01/11 17:00	03/07/11 14:57	56-49-5	
Methyl methanesulfonate	ND	ug/L	5.0	3.7	1	03/01/11 17:00	03/07/11 14:57	66-27-3	
2-Methylnaphthalene	ND	ug/L	10.0	0.28	1	03/01/11 17:00	03/07/11 14:57	91-57-6	
Methyl parathion	ND	ug/L	10.0	4.9	1	03/01/11 17:00	03/07/11 14:57	298-00-0	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.6	1	03/01/11 17:00	03/07/11 14:57	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	2.0	1	03/01/11 17:00	03/07/11 14:57		
2-Naphthalenamine	ND	ug/L	5.0	3.0	1	03/01/11 17:00	03/07/11 14:57	91-59-8	
Naphthalene	ND	ug/L	10.0	0.34	1	03/01/11 17:00	03/07/11 14:57	91-20-3	
1-Naphthaleneamine	ND	ug/L	5.0	4.1	1	03/01/11 17:00	03/07/11 14:57	134-32-7	
1,4-Naphthoquinone	ND	ug/L	5.0	3.3	1	03/01/11 17:00	03/07/11 14:57	130-15-4	
2-Nitroaniline	ND	ug/L	50.0	2.0	1	03/01/11 17:00	03/07/11 14:57	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	2.0	1	03/01/11 17:00	03/07/11 14:57	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	2.1	1	03/01/11 17:00	03/07/11 14:57	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.1	1	03/01/11 17:00	03/07/11 14:57	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	0.91	1	03/01/11 17:00	03/07/11 14:57	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	4.1	1	03/01/11 17:00	03/07/11 14:57	100-02-7	
5-Nitro-o-toluidine	ND	ug/L	10.0	5.2	1	03/01/11 17:00	03/07/11 14:57	99-55-8	
N-Nitrosodiethylamine	ND	ug/L	20.0	5.6	1	03/01/11 17:00	03/07/11 14:57	55-18-5	
N-Nitrosodimethylamine	ND	ug/L	10.0	0.91	1	03/01/11 17:00	03/07/11 14:57	62-75-9	
N-Nitroso-di-n-butylamine	ND	ug/L	10.0	7.5	1	03/01/11 17:00	03/07/11 14:57	924-16-3	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	0.99	1	03/01/11 17:00	03/07/11 14:57	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1.0	1	03/01/11 17:00	03/07/11 14:57	86-30-6	
N-Nitrosomethylethylamine	ND	ug/L	10.0	4.7	1	03/01/11 17:00	03/07/11 14:57	10595-95-6	
N-Nitrosopiperidine	ND	ug/L	20.0	5.7	1	03/01/11 17:00	03/07/11 14:57	100-75-4	
N-Nitrosopyrrolidine	ND	ug/L	10.0	6.9	1	03/01/11 17:00	03/07/11 14:57	930-55-2	
O,O,O-Triethylphosphorothioate	ND	ug/L	10.0	5.1	1	03/01/11 17:00	03/07/11 14:57	126-68-1	
Parathion (Ethyl parathion)	ND	ug/L	10.0	5.1	1	03/01/11 17:00	03/07/11 14:57	56-38-2	
Pentachlorobenzene	ND	ug/L	10.0	4.3	1	03/01/11 17:00	03/07/11 14:57	608-93-5	
Pentachloroethane	ND	ug/L	20.0	3.3	1	03/01/11 17:00	03/07/11 14:57	76-01-7	
Pentachloronitrobenzene	ND	ug/L	20.0	4.8	1	03/01/11 17:00	03/07/11 14:57	82-68-8	
Pentachlorophenol	ND	ug/L	25.0	4.6	1	03/01/11 17:00	03/07/11 14:57	87-86-5	
Phenacetin	ND	ug/L	20.0	4.8	1	03/01/11 17:00	03/07/11 14:57	62-44-2	
Phenanthrene	ND	ug/L	10.0	0.22	1	03/01/11 17:00	03/07/11 14:57	85-01-8	
Phenol	ND	ug/L	10.0	1.9	1	03/01/11 17:00	03/07/11 14:57	108-95-2	
p-Phenylenediamine	ND	ug/L	10.0	6.7	1	03/01/11 17:00	03/07/11 14:57	106-50-3	
Phorate	ND	ug/L	10.0	5.4	1	03/01/11 17:00	03/07/11 14:57	298-02-2	
2-Picoline	ND	ug/L	10.0	4.3	1	03/01/11 17:00	03/07/11 14:57	109-06-8	
Pronamide	ND	ug/L	10.0	5.8	1	03/01/11 17:00	03/07/11 14:57	23950-58-5	
Pyrene	ND	ug/L	10.0	0.19	1	03/01/11 17:00	03/07/11 14:57	129-00-0	
Safrole	ND	ug/L	10.0	5.7	1	03/01/11 17:00	03/07/11 14:57	94-59-7	
1,2,4,5-Tetrachlorobenzene	ND	ug/L	10.0	4.0	1	03/01/11 17:00	03/07/11 14:57	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	ug/L	10.0	1.2	1	03/01/11 17:00	03/07/11 14:57	58-90-2	
Thionazin	ND	ug/L	20.0	4.8	1	03/01/11 17:00	03/07/11 14:57	297-97-2	

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205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW11 **Lab ID: 9288391006** Collected: 02/22/11 15:15 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
O-Toluidine	ND	ug/L	10.0	5.7	1	03/01/11 17:00	03/07/11 14:57	95-53-4	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	0.98	1	03/01/11 17:00	03/07/11 14:57	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	10.0	0.92	1	03/01/11 17:00	03/07/11 14:57	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.3	1	03/01/11 17:00	03/07/11 14:57	88-06-2	
1,3,5-Trinitrobenzene	ND	ug/L	10.0	5.2	1	03/01/11 17:00	03/07/11 14:57	99-35-4	
Nitrobenzene-d5 (S)	44	%	21-110		1	03/01/11 17:00	03/07/11 14:57	4165-60-0	
2-Fluorobiphenyl (S)	50	%	27-110		1	03/01/11 17:00	03/07/11 14:57	321-60-8	
Terphenyl-d14 (S)	65	%	31-107		1	03/01/11 17:00	03/07/11 14:57	1718-51-0	
Phenol-d6 (S)	19	%	10-110		1	03/01/11 17:00	03/07/11 14:57	13127-88-3	
2-Fluorophenol (S)	31	%	12-110		1	03/01/11 17:00	03/07/11 14:57	367-12-4	
2,4,6-Tribromophenol (S)	52	%	27-110		1	03/01/11 17:00	03/07/11 14:57	118-79-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		02/28/11 01:03	67-64-1	
Acetonitrile	ND	ug/L	50.0	2.2	1		02/28/11 01:03	75-05-8	
Acrolein	ND	ug/L	10.0	1.6	1		02/28/11 01:03	107-02-8	
Acrylonitrile	ND	ug/L	10.0	1.9	1		02/28/11 01:03	107-13-1	
Allyl chloride	ND	ug/L	2.0	1.5	1		02/28/11 01:03	107-05-1	
Benzene	ND	ug/L	1.0	0.25	1		02/28/11 01:03	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		02/28/11 01:03	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		02/28/11 01:03	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		02/28/11 01:03	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		02/28/11 01:03	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		02/28/11 01:03	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		02/28/11 01:03	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1.2	1		02/28/11 01:03	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		02/28/11 01:03	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		02/28/11 01:03	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		02/28/11 01:03	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		02/28/11 01:03	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		02/28/11 01:03	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.36	1		02/28/11 01:03	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		02/28/11 01:03	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		02/28/11 01:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		02/28/11 01:03	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		02/28/11 01:03	74-95-3	
1,2-Dichlorobenzene	**4.2**	ug/L	1.0	0.30	1		02/28/11 01:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		02/28/11 01:03	541-73-1	
1,4-Dichlorobenzene	**1.4**	ug/L	1.0	0.33	1		02/28/11 01:03	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1.0	1		02/28/11 01:03	110-57-6	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		02/28/11 01:03	75-71-8	
1,1-Dichloroethane	**7.5**	ug/L	1.0	0.32	1		02/28/11 01:03	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		02/28/11 01:03	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		02/28/11 01:03	75-35-4	
cis-1,2-Dichloroethene	**10.9**	ug/L	1.0	0.19	1		02/28/11 01:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		02/28/11 01:03	156-60-5	

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Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW11 **Lab ID: 9288391006** Collected: 02/22/11 15:15 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
1,2-Dichloropropane	**0.46J**	ug/L	1.0	0.27	1		02/28/11 01:03	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		02/28/11 01:03	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		02/28/11 01:03	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		02/28/11 01:03	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		02/28/11 01:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		02/28/11 01:03	10061-02-6	
Diisopropyl ether	**0.31J**	ug/L	1.0	0.12	1		02/28/11 01:03	108-20-3	
Ethanol	ND	ug/L	200	33.0	1		02/28/11 01:03	64-17-5	
Ethylbenzene	ND	ug/L	1.0	0.30	1		02/28/11 01:03	100-41-4	
2-Hexanone	ND	ug/L	5.0	0.46	1		02/28/11 01:03	591-78-6	
Iodomethane	ND	ug/L	5.0	0.32	1		02/28/11 01:03	74-88-4	
Methylene Chloride	ND	ug/L	1.0	0.97	1		02/28/11 01:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		02/28/11 01:03	108-10-1	
Naphthalene	ND	ug/L	1.0	0.24	1		02/28/11 01:03	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		02/28/11 01:03	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		02/28/11 01:03	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		02/28/11 01:03	79-34-5	
Tetrachloroethene	**0.53J**	ug/L	1.0	0.46	1		02/28/11 01:03	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		02/28/11 01:03	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		02/28/11 01:03	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		02/28/11 01:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		02/28/11 01:03	79-00-5	
Trichloroethene	**0.53J**	ug/L	1.0	0.47	1		02/28/11 01:03	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		02/28/11 01:03	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		02/28/11 01:03	96-18-4	
1,2,3-Trimethylbenzene	ND	ug/L	1.0	0.090	1		02/28/11 01:03	526-73-8	
Vinyl acetate	ND	ug/L	2.0	0.35	1		02/28/11 01:03	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		02/28/11 01:03	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		02/28/11 01:03	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		02/28/11 01:03	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		02/28/11 01:03	95-47-6	
4-Bromofluorobenzene (S)	99	%	70-130		1		02/28/11 01:03	460-00-4	
Dibromofluoromethane (S)	123	%	70-130		1		02/28/11 01:03	1868-53-7	
1,2-Dichloroethane-d4 (S)	121	%	70-130		1		02/28/11 01:03	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		02/28/11 01:03	2037-26-5	
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D								
Sulfide	ND	mg/L	0.10	0.10	1		02/24/11 17:00	18496-25-8	
4500CNE Cyanide, Total	Analytical Method: SM 4500-CN-E								
Cyanide	ND	mg/L	0.0050	0.0050	1		02/26/11 11:09	57-12-5	

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Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW12 **Lab ID: 9288391007** Collected: 02/22/11 14:50 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:								
Collected By	**MPS**				1		03/08/11 17:54		
Collected Date	**2/22/11**				1		03/08/11 17:54		
Collected Time	**14:50**				1		03/08/11 17:54		
Field pH	**5.89**	Std. Units			1		03/08/11 17:54		
Field Temperature	**13.1**	deg C			1		03/08/11 17:54		
Static Water Level	**73.46**	feet			1		03/08/11 17:54		
Field Specific Conductance	**94**	umhos/cm			1		03/08/11 17:54		
Turbidity	**23**	NTU			1		03/08/11 17:54		
8081 GCS Pesticides	Analytical Method: EPA 8081								
4,4'-DDD	ND	ug/L	0.010	0.0019	1	02/28/11 16:12	03/01/11 17:40	72-54-8	
4,4'-DDE	ND	ug/L	0.010	0.00092	1	02/28/11 16:12	03/01/11 17:40	72-55-9	
4,4'-DDT	ND	ug/L	0.010	0.0037	1	02/28/11 16:12	03/01/11 17:40	50-29-3	
Aldrin	ND	ug/L	0.010	0.00051	1	02/28/11 16:12	03/01/11 17:40	309-00-2	
Chlordane (Technical)	ND	ug/L	0.51	0.082	1	02/28/11 16:12	03/01/11 17:40	57-74-9	
Dieldrin	ND	ug/L	0.010	0.00051	1	02/28/11 16:12	03/01/11 17:40	60-57-1	
Endosulfan I	ND	ug/L	0.010	0.00072	1	02/28/11 16:12	03/01/11 17:40	959-98-8	
Endosulfan II	ND	ug/L	0.010	0.00072	1	02/28/11 16:12	03/01/11 17:40	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.010	0.00061	1	02/28/11 16:12	03/01/11 17:40	1031-07-8	
Endrin	ND	ug/L	0.010	0.0017	1	02/28/11 16:12	03/01/11 17:40	72-20-8	
Endrin aldehyde	ND	ug/L	0.010	0.0073	1	02/28/11 16:12	03/01/11 17:40	7421-93-4	
Heptachlor	ND	ug/L	0.010	0.0015	1	02/28/11 16:12	03/01/11 17:40	76-44-8	
Heptachlor epoxide	ND	ug/L	0.010	0.00041	1	02/28/11 16:12	03/01/11 17:40	1024-57-3	
Methoxychlor	ND	ug/L	0.010	0.0072	1	02/28/11 16:12	03/01/11 17:40	72-43-5	
Toxaphene	ND	ug/L	0.51	0.29	1	02/28/11 16:12	03/01/11 17:40	8001-35-2	
alpha-BHC	ND	ug/L	0.010	0.00031	1	02/28/11 16:12	03/01/11 17:40	319-84-6	
beta-BHC	ND	ug/L	0.010	0.00051	1	02/28/11 16:12	03/01/11 17:40	319-85-7	
delta-BHC	ND	ug/L	0.010	0.00041	1	02/28/11 16:12	03/01/11 17:40	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.010	0.00020	1	02/28/11 16:12	03/01/11 17:40	58-89-9	
Tetrachloro-m-xylene (S)	100	%	66.5-120.3		1	02/28/11 16:12	03/01/11 17:40	877-09-8	
Decachlorobiphenyl (S)	91	%	41.7-109.1		1	02/28/11 16:12	03/01/11 17:40	2051-24-3	
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3535								
PCB-1016 (Aroclor 1016)	ND	ug/L	0.56	0.56	1	02/24/11 12:00	03/08/11 10:52	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.56	0.56	1	02/24/11 12:00	03/08/11 10:52	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.56	0.56	1	02/24/11 12:00	03/08/11 10:52	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.56	0.56	1	02/24/11 12:00	03/08/11 10:52	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.56	0.56	1	02/24/11 12:00	03/08/11 10:52	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.56	0.56	1	02/24/11 12:00	03/08/11 10:52	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.56	0.56	1	02/24/11 12:00	03/08/11 10:52	11096-82-5	
Decachlorobiphenyl (S)	68	%	10-132		1	02/24/11 12:00	03/08/11 10:52	2051-24-3	
8151 Chlorinated Herbicides	Analytical Method: EPA 8151								
2,4,5-T	ND	ug/L	2.0	0.042	1	03/01/11 12:00	03/02/11 00:50	93-76-5	

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Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
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ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW12 **Lab ID: 9288391007** Collected: 02/22/11 14:50 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8151 Chlorinated Herbicides	Analytical Method: EPA 8151								
2,4,5-TP (Silvex)	ND	ug/L	2.0	0.050	1	03/01/11 12:00	03/02/11 00:50	93-72-1	
2,4-D	ND	ug/L	2.0	0.23	1	03/01/11 12:00	03/02/11 00:50	94-75-7	
Dinoseb	ND	ug/L	1.0	0.058	1	03/01/11 12:00	03/02/11 00:50	88-85-7	
2,4-DCPA (S)	79	%	65.5-125.7		1	03/01/11 12:00	03/02/11 00:50	19719-28-9	
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	5.0	2.6	1	03/04/11 11:15	03/04/11 20:34	7440-36-0	
Arsenic	ND	ug/L	5.0	2.7	1	03/04/11 11:15	03/04/11 20:34	7440-38-2	
Barium	**197**	ug/L	5.0	0.20	1	03/04/11 11:15	03/04/11 20:34	7440-39-3	
Beryllium	ND	ug/L	1.0	0.10	1	03/04/11 11:15	03/04/11 20:34	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	03/04/11 11:15	03/04/11 20:34	7440-43-9	
Chromium	**8.1**	ug/L	5.0	0.40	1	03/04/11 11:15	03/04/11 20:34	7440-47-3	
Cobalt	**9.8**	ug/L	5.0	0.60	1	03/04/11 11:15	03/04/11 20:34	7440-48-4	
Copper	**3.2J**	ug/L	5.0	0.30	1	03/04/11 11:15	03/04/11 20:34	7440-50-8	
Lead	ND	ug/L	5.0	4.0	1	03/04/11 11:15	03/04/11 20:34	7439-92-1	
Nickel	**7.6**	ug/L	5.0	1.7	1	03/04/11 11:15	03/04/11 20:34	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	03/04/11 11:15	03/04/11 20:34	7782-49-2	
Silver	ND	ug/L	5.0	0.10	1	03/04/11 11:15	03/04/11 20:34	7440-22-4	
Thallium	ND	ug/L	5.4	3.0	1	03/04/11 11:15	03/04/11 20:34	7440-28-0	
Tin	**3.2J**	ug/L	5.0	1.8	1	03/04/11 11:15	03/04/11 20:34	7440-31-5	
Vanadium	**7.8**	ug/L	5.0	0.20	1	03/04/11 11:15	03/04/11 20:34	7440-62-2	
Zinc	**26.5**	ug/L	10.0	0.40	1	03/04/11 11:15	03/04/11 20:34	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.10	1	03/03/11 16:30	03/04/11 13:43	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Acenaphthene	ND	ug/L	10.0	0.25	1	03/01/11 17:00	03/07/11 15:32	83-32-9	
Acenaphthylene	ND	ug/L	10.0	0.21	1	03/01/11 17:00	03/07/11 15:32	208-96-8	
Acetophenone	ND	ug/L	10.0	0.99	1	03/01/11 17:00	03/07/11 15:32	98-86-2	
2-Acetylaminofluorene	ND	ug/L	20.0	5.8	1	03/01/11 17:00	03/07/11 15:32	53-96-3	
4-Aminobiphenyl	ND	ug/L	10.0	5.2	1	03/01/11 17:00	03/07/11 15:32	92-67-1	
Anthracene	ND	ug/L	10.0	0.14	1	03/01/11 17:00	03/07/11 15:32	120-12-7	
Aramite	ND	ug/L	100	4.9	1	03/01/11 17:00	03/07/11 15:32	140-57-8	
Benzo(a)anthracene	ND	ug/L	10.0	0.33	1	03/01/11 17:00	03/07/11 15:32	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	0.30	1	03/01/11 17:00	03/07/11 15:32	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	0.28	1	03/01/11 17:00	03/07/11 15:32	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	0.38	1	03/01/11 17:00	03/07/11 15:32	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	0.43	1	03/01/11 17:00	03/07/11 15:32	207-08-9	
Benzyl alcohol	ND	ug/L	20.0	2.4	1	03/01/11 17:00	03/07/11 15:32	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	0.82	1	03/01/11 17:00	03/07/11 15:32	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	0.79	1	03/01/11 17:00	03/07/11 15:32	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	20.0	3.7	1	03/01/11 17:00	03/07/11 15:32	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	2.8	1	03/01/11 17:00	03/07/11 15:32	106-47-8	
Chlorobenzilate	ND	ug/L	10.0	4.5	1	03/01/11 17:00	03/07/11 15:32	510-15-6	

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Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW12 **Lab ID: 9288391007** Collected: 02/22/11 14:50 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	0.92	1	03/01/11 17:00	03/07/11 15:32	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.0	1	03/01/11 17:00	03/07/11 15:32	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	0.95	1	03/01/11 17:00	03/07/11 15:32	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.0	0.98	1	03/01/11 17:00	03/07/11 15:32	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.3	1	03/01/11 17:00	03/07/11 15:32	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	0.87	1	03/01/11 17:00	03/07/11 15:32	7005-72-3	
Chrysene	ND	ug/L	10.0	0.21	1	03/01/11 17:00	03/07/11 15:32	218-01-9	
Diallate	ND	ug/L	10.0	5.4	1	03/01/11 17:00	03/07/11 15:32	2303-16-4	
Dibenz(a,h)anthracene	ND	ug/L	10.0	0.55	1	03/01/11 17:00	03/07/11 15:32	53-70-3	
Dibenzofuran	ND	ug/L	10.0	0.89	1	03/01/11 17:00	03/07/11 15:32	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	0.88	1	03/01/11 17:00	03/07/11 15:32	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	0.81	1	03/01/11 17:00	03/07/11 15:32	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	0.95	1	03/01/11 17:00	03/07/11 15:32	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	2.1	1	03/01/11 17:00	03/07/11 15:32	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.7	1	03/01/11 17:00	03/07/11 15:32	120-83-2	
2,6-Dichlorophenol	ND	ug/L	10.0	5.7	1	03/01/11 17:00	03/07/11 15:32	87-65-0	
Diethylphthalate	ND	ug/L	10.0	0.58	1	03/01/11 17:00	03/07/11 15:32	84-66-2	
Dimethoate	ND	ug/L	10.0	4.9	1	03/01/11 17:00	03/07/11 15:32	60-51-5	
P-Dimethylaminoazobenzene	ND	ug/L	5.0	2.7	1	03/01/11 17:00	03/07/11 15:32	60-11-7	
7,12-Dimethylbenz(a)anthracene	ND	ug/L	10.0	4.9	1	03/01/11 17:00	03/07/11 15:32	57-97-6	
3,3'-Dimethylbenzidine	ND	ug/L	10.0	9.6	1	03/01/11 17:00	03/07/11 15:32	119-93-7	
2,4-Dimethylphenol	ND	ug/L	10.0	1.2	1	03/01/11 17:00	03/07/11 15:32	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	0.76	1	03/01/11 17:00	03/07/11 15:32	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	0.75	1	03/01/11 17:00	03/07/11 15:32	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	2.6	1	03/01/11 17:00	03/07/11 15:32	534-52-1	
1,3-Dinitrobenzene	ND	ug/L	20.0	5.1	1	03/01/11 17:00	03/07/11 15:32	99-65-0	
1,4-Dinitrobenzene	ND	ug/L	20.0	5.0	1	03/01/11 17:00	03/07/11 15:32	100-25-4	
2,4-Dinitrophenol	ND	ug/L	50.0	9.0	1	03/01/11 17:00	03/07/11 15:32	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	0.90	1	03/01/11 17:00	03/07/11 15:32	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	0.98	1	03/01/11 17:00	03/07/11 15:32	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	0.66	1	03/01/11 17:00	03/07/11 15:32	117-84-0	
Diphenylamine	ND	ug/L	10.0	1.0	1	03/01/11 17:00	03/07/11 15:32	122-39-4	
Disulfoton	ND	ug/L	10.0	5.5	1	03/01/11 17:00	03/07/11 15:32	298-04-4	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	0.79	1	03/01/11 17:00	03/07/11 15:32	117-81-7	
Ethyl methanesulfonate	ND	ug/L	20.0	5.6	1	03/01/11 17:00	03/07/11 15:32	62-50-0	
Famphur	ND	ug/L	10.0	3.7	1	03/01/11 17:00	03/07/11 15:32	52-85-7	
Fluoranthene	ND	ug/L	10.0	0.21	1	03/01/11 17:00	03/07/11 15:32	206-44-0	
Fluorene	ND	ug/L	10.0	0.21	1	03/01/11 17:00	03/07/11 15:32	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	0.94	1	03/01/11 17:00	03/07/11 15:32	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	0.72	1	03/01/11 17:00	03/07/11 15:32	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	0.88	1	03/01/11 17:00	03/07/11 15:32	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.1	1	03/01/11 17:00	03/07/11 15:32	67-72-1	
Hexachloropropene	ND	ug/L	10.0	3.2	1	03/01/11 17:00	03/07/11 15:32	1888-71-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	0.29	1	03/01/11 17:00	03/07/11 15:32	193-39-5	
Isodrin	ND	ug/L	20.0	5.7	1	03/01/11 17:00	03/07/11 15:32	465-73-6	
Isophorone	ND	ug/L	10.0	0.89	1	03/01/11 17:00	03/07/11 15:32	78-59-1	

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Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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9800 Kincey Ave. Suite 100
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(704)875-9092

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW12 **Lab ID: 9288391007** Collected: 02/22/11 14:50 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Isosafrole	ND	ug/L	10.0	4.4	1	03/01/11 17:00	03/07/11 15:32	120-58-1	
Kepone	ND	ug/L	10.0	8.3	1	03/01/11 17:00	03/07/11 15:32	143-50-0	
Methapyrilene	ND	ug/L	50.0	5.8	1	03/01/11 17:00	03/07/11 15:32	91-80-5	
3-Methylcholanthrene	ND	ug/L	10.0	2.6	1	03/01/11 17:00	03/07/11 15:32	56-49-5	
Methyl methanesulfonate	ND	ug/L	5.0	3.7	1	03/01/11 17:00	03/07/11 15:32	66-27-3	
2-Methylnaphthalene	ND	ug/L	10.0	0.28	1	03/01/11 17:00	03/07/11 15:32	91-57-6	
Methyl parathion	ND	ug/L	10.0	4.9	1	03/01/11 17:00	03/07/11 15:32	298-00-0	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.6	1	03/01/11 17:00	03/07/11 15:32	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	2.0	1	03/01/11 17:00	03/07/11 15:32		
2-Naphthalenamine	ND	ug/L	5.0	3.0	1	03/01/11 17:00	03/07/11 15:32	91-59-8	
Naphthalene	ND	ug/L	10.0	0.34	1	03/01/11 17:00	03/07/11 15:32	91-20-3	
1-Naphthaleneamine	ND	ug/L	5.0	4.1	1	03/01/11 17:00	03/07/11 15:32	134-32-7	
1,4-Naphthoquinone	ND	ug/L	5.0	3.3	1	03/01/11 17:00	03/07/11 15:32	130-15-4	
2-Nitroaniline	ND	ug/L	50.0	2.0	1	03/01/11 17:00	03/07/11 15:32	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	2.0	1	03/01/11 17:00	03/07/11 15:32	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	2.1	1	03/01/11 17:00	03/07/11 15:32	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.1	1	03/01/11 17:00	03/07/11 15:32	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	0.91	1	03/01/11 17:00	03/07/11 15:32	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	4.1	1	03/01/11 17:00	03/07/11 15:32	100-02-7	
5-Nitro-o-toluidine	ND	ug/L	10.0	5.2	1	03/01/11 17:00	03/07/11 15:32	99-55-8	
N-Nitrosodiethylamine	ND	ug/L	20.0	5.6	1	03/01/11 17:00	03/07/11 15:32	55-18-5	
N-Nitrosodimethylamine	ND	ug/L	10.0	0.91	1	03/01/11 17:00	03/07/11 15:32	62-75-9	
N-Nitroso-di-n-butylamine	ND	ug/L	10.0	7.5	1	03/01/11 17:00	03/07/11 15:32	924-16-3	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	0.99	1	03/01/11 17:00	03/07/11 15:32	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1.0	1	03/01/11 17:00	03/07/11 15:32	86-30-6	
N-Nitrosomethylethylamine	ND	ug/L	10.0	4.7	1	03/01/11 17:00	03/07/11 15:32	10595-95-6	
N-Nitrosopiperidine	ND	ug/L	20.0	5.7	1	03/01/11 17:00	03/07/11 15:32	100-75-4	
N-Nitrosopyrrolidine	ND	ug/L	10.0	6.9	1	03/01/11 17:00	03/07/11 15:32	930-55-2	
O,O,O-Triethylphosphorothioate	ND	ug/L	10.0	5.1	1	03/01/11 17:00	03/07/11 15:32	126-68-1	
Parathion (Ethyl parathion)	ND	ug/L	10.0	5.1	1	03/01/11 17:00	03/07/11 15:32	56-38-2	
Pentachlorobenzene	ND	ug/L	10.0	4.3	1	03/01/11 17:00	03/07/11 15:32	608-93-5	
Pentachloroethane	ND	ug/L	20.0	3.3	1	03/01/11 17:00	03/07/11 15:32	76-01-7	
Pentachloronitrobenzene	ND	ug/L	20.0	4.8	1	03/01/11 17:00	03/07/11 15:32	82-68-8	
Pentachlorophenol	ND	ug/L	25.0	4.6	1	03/01/11 17:00	03/07/11 15:32	87-86-5	
Phenacetin	ND	ug/L	20.0	4.8	1	03/01/11 17:00	03/07/11 15:32	62-44-2	
Phenanthrene	ND	ug/L	10.0	0.22	1	03/01/11 17:00	03/07/11 15:32	85-01-8	
Phenol	ND	ug/L	10.0	1.9	1	03/01/11 17:00	03/07/11 15:32	108-95-2	
p-Phenylenediamine	ND	ug/L	10.0	6.7	1	03/01/11 17:00	03/07/11 15:32	106-50-3	
Phorate	ND	ug/L	10.0	5.4	1	03/01/11 17:00	03/07/11 15:32	298-02-2	
2-Picoline	ND	ug/L	10.0	4.3	1	03/01/11 17:00	03/07/11 15:32	109-06-8	
Pronamide	ND	ug/L	10.0	5.8	1	03/01/11 17:00	03/07/11 15:32	23950-58-5	
Pyrene	ND	ug/L	10.0	0.19	1	03/01/11 17:00	03/07/11 15:32	129-00-0	
Safrole	ND	ug/L	10.0	5.7	1	03/01/11 17:00	03/07/11 15:32	94-59-7	
1,2,4,5-Tetrachlorobenzene	ND	ug/L	10.0	4.0	1	03/01/11 17:00	03/07/11 15:32	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	ug/L	10.0	1.2	1	03/01/11 17:00	03/07/11 15:32	58-90-2	
Thionazin	ND	ug/L	20.0	4.8	1	03/01/11 17:00	03/07/11 15:32	297-97-2	

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Eden, NC 27288
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2225 Riverside Dr.
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ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW12 **Lab ID: 9288391007** Collected: 02/22/11 14:50 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
O-Toluidine	ND	ug/L	10.0	5.7	1	03/01/11 17:00	03/07/11 15:32	95-53-4	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	0.98	1	03/01/11 17:00	03/07/11 15:32	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	10.0	0.92	1	03/01/11 17:00	03/07/11 15:32	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.3	1	03/01/11 17:00	03/07/11 15:32	88-06-2	
1,3,5-Trinitrobenzene	ND	ug/L	10.0	5.2	1	03/01/11 17:00	03/07/11 15:32	99-35-4	
Nitrobenzene-d5 (S)	57	%	21-110		1	03/01/11 17:00	03/07/11 15:32	4165-60-0	
2-Fluorobiphenyl (S)	66	%	27-110		1	03/01/11 17:00	03/07/11 15:32	321-60-8	
Terphenyl-d14 (S)	68	%	31-107		1	03/01/11 17:00	03/07/11 15:32	1718-51-0	
Phenol-d6 (S)	23	%	10-110		1	03/01/11 17:00	03/07/11 15:32	13127-88-3	
2-Fluorophenol (S)	37	%	12-110		1	03/01/11 17:00	03/07/11 15:32	367-12-4	
2,4,6-Tribromophenol (S)	58	%	27-110		1	03/01/11 17:00	03/07/11 15:32	118-79-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		02/28/11 01:28	67-64-1	
Acetonitrile	ND	ug/L	50.0	2.2	1		02/28/11 01:28	75-05-8	
Acrolein	ND	ug/L	10.0	1.6	1		02/28/11 01:28	107-02-8	
Acrylonitrile	ND	ug/L	10.0	1.9	1		02/28/11 01:28	107-13-1	
Allyl chloride	ND	ug/L	2.0	1.5	1		02/28/11 01:28	107-05-1	
Benzene	ND	ug/L	1.0	0.25	1		02/28/11 01:28	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		02/28/11 01:28	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		02/28/11 01:28	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		02/28/11 01:28	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		02/28/11 01:28	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		02/28/11 01:28	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		02/28/11 01:28	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1.2	1		02/28/11 01:28	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		02/28/11 01:28	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		02/28/11 01:28	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		02/28/11 01:28	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		02/28/11 01:28	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		02/28/11 01:28	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.36	1		02/28/11 01:28	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		02/28/11 01:28	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		02/28/11 01:28	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		02/28/11 01:28	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		02/28/11 01:28	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		02/28/11 01:28	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		02/28/11 01:28	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		02/28/11 01:28	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1.0	1		02/28/11 01:28	110-57-6	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		02/28/11 01:28	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		02/28/11 01:28	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		02/28/11 01:28	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		02/28/11 01:28	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		02/28/11 01:28	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		02/28/11 01:28	156-60-5	

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205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW12 **Lab ID: 9288391007** Collected: 02/22/11 14:50 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		02/28/11 01:28	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		02/28/11 01:28	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		02/28/11 01:28	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		02/28/11 01:28	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		02/28/11 01:28	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		02/28/11 01:28	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		02/28/11 01:28	108-20-3	
Ethanol	ND	ug/L	200	33.0	1		02/28/11 01:28	64-17-5	
Ethylbenzene	ND	ug/L	1.0	0.30	1		02/28/11 01:28	100-41-4	
2-Hexanone	ND	ug/L	5.0	0.46	1		02/28/11 01:28	591-78-6	
Iodomethane	ND	ug/L	5.0	0.32	1		02/28/11 01:28	74-88-4	
Methylene Chloride	ND	ug/L	1.0	0.97	1		02/28/11 01:28	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		02/28/11 01:28	108-10-1	
Naphthalene	ND	ug/L	1.0	0.24	1		02/28/11 01:28	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		02/28/11 01:28	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		02/28/11 01:28	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		02/28/11 01:28	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		02/28/11 01:28	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		02/28/11 01:28	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		02/28/11 01:28	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		02/28/11 01:28	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		02/28/11 01:28	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		02/28/11 01:28	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		02/28/11 01:28	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		02/28/11 01:28	96-18-4	
1,2,3-Trimethylbenzene	ND	ug/L	1.0	0.090	1		02/28/11 01:28	526-73-8	
Vinyl acetate	ND	ug/L	2.0	0.35	1		02/28/11 01:28	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		02/28/11 01:28	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		02/28/11 01:28	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		02/28/11 01:28	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		02/28/11 01:28	95-47-6	
4-Bromofluorobenzene (S)	102	%	70-130		1		02/28/11 01:28	460-00-4	
Dibromofluoromethane (S)	123	%	70-130		1		02/28/11 01:28	1868-53-7	
1,2-Dichloroethane-d4 (S)	123	%	70-130		1		02/28/11 01:28	17060-07-0	
Toluene-d8 (S)	98	%	70-130		1		02/28/11 01:28	2037-26-5	
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D								
Sulfide	ND	mg/L	0.10	0.10	1		02/24/11 17:00	18496-25-8	
4500CNE Cyanide, Total	Analytical Method: SM 4500-CN-E								
Cyanide	ND	mg/L	0.0050	0.0050	1		02/26/11 11:10	57-12-5	

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Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW13 **Lab ID: 9288391008** Collected: 02/22/11 12:15 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:								
Collected By	**MPS**				1		03/08/11 17:55		
Collected Date	**2/22/11**				1		03/08/11 17:55		
Collected Time	**12:15**				1		03/08/11 17:55		
Field pH	**5.94**	Std. Units			1		03/08/11 17:55		
Field Temperature	**12:15**	deg C			1		03/08/11 17:55		
Static Water Level	**84.16**	feet			1		03/08/11 17:55		
Field Specific Conductance	**526**	umhos/cm			1		03/08/11 17:55		
Turbidity	**4.88**	NTU			1		03/08/11 17:55		
8081 GCS Pesticides	Analytical Method: EPA 8081								
Aldrin	ND	ug/L	0.010	0.00051	1	02/28/11 16:12	03/01/11 17:59	309-00-2	
alpha-BHC	ND	ug/L	0.010	0.00030	1	02/28/11 16:12	03/01/11 17:59	319-84-6	
beta-BHC	ND	ug/L	0.010	0.00051	1	02/28/11 16:12	03/01/11 17:59	319-85-7	
delta-BHC	ND	ug/L	0.010	0.00041	1	02/28/11 16:12	03/01/11 17:59	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.010	0.00020	1	02/28/11 16:12	03/01/11 17:59	58-89-9	
Chlordane (Technical)	ND	ug/L	0.51	0.081	1	02/28/11 16:12	03/01/11 17:59	57-74-9	
4,4'-DDD	ND	ug/L	0.010	0.0019	1	02/28/11 16:12	03/01/11 17:59	72-54-8	
4,4'-DDE	ND	ug/L	0.010	0.00091	1	02/28/11 16:12	03/01/11 17:59	72-55-9	
4,4'-DDT	ND	ug/L	0.010	0.0037	1	02/28/11 16:12	03/01/11 17:59	50-29-3	
Dieldrin	ND	ug/L	0.010	0.00051	1	02/28/11 16:12	03/01/11 17:59	60-57-1	
Endosulfan I	ND	ug/L	0.010	0.00071	1	02/28/11 16:12	03/01/11 17:59	959-98-8	
Endosulfan II	ND	ug/L	0.010	0.00071	1	02/28/11 16:12	03/01/11 17:59	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.010	0.00061	1	02/28/11 16:12	03/01/11 17:59	1031-07-8	
Endrin	ND	ug/L	0.010	0.0017	1	02/28/11 16:12	03/01/11 17:59	72-20-8	
Endrin aldehyde	ND	ug/L	0.010	0.0072	1	02/28/11 16:12	03/01/11 17:59	7421-93-4	
Heptachlor	ND	ug/L	0.010	0.0015	1	02/28/11 16:12	03/01/11 17:59	76-44-8	
Heptachlor epoxide	ND	ug/L	0.010	0.00041	1	02/28/11 16:12	03/01/11 17:59	1024-57-3	
Methoxychlor	ND	ug/L	0.010	0.0071	1	02/28/11 16:12	03/01/11 17:59	72-43-5	
Toxaphene	ND	ug/L	0.51	0.29	1	02/28/11 16:12	03/01/11 17:59	8001-35-2	
Tetrachloro-m-xylene (S)	100	%	66.5-120.3		1	02/28/11 16:12	03/01/11 17:59	877-09-8	
Decachlorobiphenyl (S)	61	%	41.7-109.1		1	02/28/11 16:12	03/01/11 17:59	2051-24-3	
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3535								
PCB-1016 (Aroclor 1016)	ND	ug/L	0.56	0.56	1	02/24/11 12:00	03/08/11 11:12	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.56	0.56	1	02/24/11 12:00	03/08/11 11:12	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.56	0.56	1	02/24/11 12:00	03/08/11 11:12	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.56	0.56	1	02/24/11 12:00	03/08/11 11:12	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.56	0.56	1	02/24/11 12:00	03/08/11 11:12	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.56	0.56	1	02/24/11 12:00	03/08/11 11:12	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.56	0.56	1	02/24/11 12:00	03/08/11 11:12	11096-82-5	
Decachlorobiphenyl (S)	64	%	10-132		1	02/24/11 12:00	03/08/11 11:12	2051-24-3	
8151 Chlorinated Herbicides	Analytical Method: EPA 8151								
2,4-D	ND	ug/L	2.0	0.23	1	03/01/11 12:00	03/02/11 01:17	94-75-7	

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Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW13 **Lab ID: 9288391008** Collected: 02/22/11 12:15 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8151 Chlorinated Herbicides	Analytical Method: EPA 8151								
Dinoseb	ND	ug/L	1.0	0.057	1	03/01/11 12:00	03/02/11 01:17	88-85-7	
2,4,5-T	ND	ug/L	2.0	0.042	1	03/01/11 12:00	03/02/11 01:17	93-76-5	
2,4,5-TP (Silvex)	ND	ug/L	2.0	0.049	1	03/01/11 12:00	03/02/11 01:17	93-72-1	
2,4-DCPA (S)	78	%	65.5-125.7		1	03/01/11 12:00	03/02/11 01:17	19719-28-9	
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	5.0	2.6	1	03/04/11 11:15	03/04/11 20:47	7440-36-0	
Arsenic	ND	ug/L	5.0	2.7	1	03/04/11 11:15	03/04/11 20:47	7440-38-2	
Barium	**977**	ug/L	5.0	0.20	1	03/04/11 11:15	03/04/11 20:47	7440-39-3	
Beryllium	ND	ug/L	1.0	0.10	1	03/04/11 11:15	03/04/11 20:47	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	03/04/11 11:15	03/04/11 20:47	7440-43-9	
Chromium	**1.8J**	ug/L	5.0	0.40	1	03/04/11 11:15	03/04/11 20:47	7440-47-3	
Cobalt	**3.2J**	ug/L	5.0	0.60	1	03/04/11 11:15	03/04/11 20:47	7440-48-4	
Copper	ND	ug/L	5.0	0.30	1	03/04/11 11:15	03/04/11 20:47	7440-50-8	
Lead	ND	ug/L	5.0	4.0	1	03/04/11 11:15	03/04/11 20:47	7439-92-1	
Nickel	**15.9**	ug/L	5.0	1.7	1	03/04/11 11:15	03/04/11 20:47	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	03/04/11 11:15	03/04/11 20:47	7782-49-2	
Silver	**0.37J**	ug/L	5.0	0.10	1	03/04/11 11:15	03/04/11 20:47	7440-22-4	
Thallium	ND	ug/L	5.4	3.0	1	03/04/11 11:15	03/04/11 20:47	7440-28-0	
Tin	**4.0J**	ug/L	5.0	1.8	1	03/04/11 11:15	03/04/11 20:47	7440-31-5	
Vanadium	ND	ug/L	5.0	0.20	1	03/04/11 11:15	03/04/11 20:47	7440-62-2	
Zinc	**0.71J**	ug/L	10.0	0.40	1	03/04/11 11:15	03/04/11 20:47	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.10	1	03/03/11 16:30	03/04/11 13:46	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Acenaphthene	ND	ug/L	10.0	0.25	1	03/01/11 17:00	03/07/11 16:08	83-32-9	
Acenaphthylene	ND	ug/L	10.0	0.21	1	03/01/11 17:00	03/07/11 16:08	208-96-8	
Acetophenone	ND	ug/L	10.0	0.99	1	03/01/11 17:00	03/07/11 16:08	98-86-2	
2-Acetylaminofluorene	ND	ug/L	20.0	5.8	1	03/01/11 17:00	03/07/11 16:08	53-96-3	
4-Aminobiphenyl	ND	ug/L	10.0	5.2	1	03/01/11 17:00	03/07/11 16:08	92-67-1	
Anthracene	ND	ug/L	10.0	0.14	1	03/01/11 17:00	03/07/11 16:08	120-12-7	
Aramite	ND	ug/L	100	4.9	1	03/01/11 17:00	03/07/11 16:08	140-57-8	
Benzo(a)anthracene	ND	ug/L	10.0	0.33	1	03/01/11 17:00	03/07/11 16:08	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	0.30	1	03/01/11 17:00	03/07/11 16:08	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	0.28	1	03/01/11 17:00	03/07/11 16:08	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	0.38	1	03/01/11 17:00	03/07/11 16:08	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	0.43	1	03/01/11 17:00	03/07/11 16:08	207-08-9	
Benzyl alcohol	ND	ug/L	20.0	2.4	1	03/01/11 17:00	03/07/11 16:08	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	0.82	1	03/01/11 17:00	03/07/11 16:08	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	0.79	1	03/01/11 17:00	03/07/11 16:08	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	20.0	3.7	1	03/01/11 17:00	03/07/11 16:08	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	2.8	1	03/01/11 17:00	03/07/11 16:08	106-47-8	
Chlorobenzilate	ND	ug/L	10.0	4.5	1	03/01/11 17:00	03/07/11 16:08	510-15-6	

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Eden, NC 27288
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ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW13 **Lab ID: 9288391008** Collected: 02/22/11 12:15 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	0.92	1	03/01/11 17:00	03/07/11 16:08	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.0	1	03/01/11 17:00	03/07/11 16:08	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	0.95	1	03/01/11 17:00	03/07/11 16:08	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.0	0.98	1	03/01/11 17:00	03/07/11 16:08	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.3	1	03/01/11 17:00	03/07/11 16:08	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	0.87	1	03/01/11 17:00	03/07/11 16:08	7005-72-3	
Chrysene	ND	ug/L	10.0	0.21	1	03/01/11 17:00	03/07/11 16:08	218-01-9	
Diallate	ND	ug/L	10.0	5.4	1	03/01/11 17:00	03/07/11 16:08	2303-16-4	
Dibenz(a,h)anthracene	ND	ug/L	10.0	0.55	1	03/01/11 17:00	03/07/11 16:08	53-70-3	
Dibenzofuran	ND	ug/L	10.0	0.89	1	03/01/11 17:00	03/07/11 16:08	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	0.88	1	03/01/11 17:00	03/07/11 16:08	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	0.81	1	03/01/11 17:00	03/07/11 16:08	541-73-1	
1,4-Dichlorobenzene	**2.4J**	ug/L	10.0	0.95	1	03/01/11 17:00	03/07/11 16:08	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	2.1	1	03/01/11 17:00	03/07/11 16:08	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.7	1	03/01/11 17:00	03/07/11 16:08	120-83-2	
2,6-Dichlorophenol	ND	ug/L	10.0	5.7	1	03/01/11 17:00	03/07/11 16:08	87-65-0	
Diethylphthalate	ND	ug/L	10.0	0.58	1	03/01/11 17:00	03/07/11 16:08	84-66-2	
Dimethoate	ND	ug/L	10.0	4.9	1	03/01/11 17:00	03/07/11 16:08	60-51-5	
P-Dimethylaminoazobenzene	ND	ug/L	5.0	2.7	1	03/01/11 17:00	03/07/11 16:08	60-11-7	
7,12-Dimethylbenz(a)anthracene	ND	ug/L	10.0	4.9	1	03/01/11 17:00	03/07/11 16:08	57-97-6	
3,3'-Dimethylbenzidine	ND	ug/L	10.0	9.6	1	03/01/11 17:00	03/07/11 16:08	119-93-7	
2,4-Dimethylphenol	ND	ug/L	10.0	1.2	1	03/01/11 17:00	03/07/11 16:08	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	0.76	1	03/01/11 17:00	03/07/11 16:08	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	0.75	1	03/01/11 17:00	03/07/11 16:08	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	2.6	1	03/01/11 17:00	03/07/11 16:08	534-52-1	
1,3-Dinitrobenzene	ND	ug/L	20.0	5.1	1	03/01/11 17:00	03/07/11 16:08	99-65-0	
1,4-Dinitrobenzene	ND	ug/L	20.0	5.0	1	03/01/11 17:00	03/07/11 16:08	100-25-4	
2,4-Dinitrophenol	ND	ug/L	50.0	9.0	1	03/01/11 17:00	03/07/11 16:08	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	0.90	1	03/01/11 17:00	03/07/11 16:08	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	0.98	1	03/01/11 17:00	03/07/11 16:08	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	0.66	1	03/01/11 17:00	03/07/11 16:08	117-84-0	
Diphenylamine	ND	ug/L	10.0	1.0	1	03/01/11 17:00	03/07/11 16:08	122-39-4	
Disulfoton	ND	ug/L	10.0	5.5	1	03/01/11 17:00	03/07/11 16:08	298-04-4	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	0.79	1	03/01/11 17:00	03/07/11 16:08	117-81-7	
Ethyl methanesulfonate	ND	ug/L	20.0	5.6	1	03/01/11 17:00	03/07/11 16:08	62-50-0	
Famphur	ND	ug/L	10.0	3.7	1	03/01/11 17:00	03/07/11 16:08	52-85-7	
Fluoranthene	ND	ug/L	10.0	0.21	1	03/01/11 17:00	03/07/11 16:08	206-44-0	
Fluorene	ND	ug/L	10.0	0.21	1	03/01/11 17:00	03/07/11 16:08	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	0.94	1	03/01/11 17:00	03/07/11 16:08	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	0.72	1	03/01/11 17:00	03/07/11 16:08	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	0.88	1	03/01/11 17:00	03/07/11 16:08	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.1	1	03/01/11 17:00	03/07/11 16:08	67-72-1	
Hexachloropropene	ND	ug/L	10.0	3.2	1	03/01/11 17:00	03/07/11 16:08	1888-71-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	0.29	1	03/01/11 17:00	03/07/11 16:08	193-39-5	
Isodrin	ND	ug/L	20.0	5.7	1	03/01/11 17:00	03/07/11 16:08	465-73-6	
Isophorone	ND	ug/L	10.0	0.89	1	03/01/11 17:00	03/07/11 16:08	78-59-1	

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Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW13 **Lab ID: 9288391008** Collected: 02/22/11 12:15 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Isosafrole	ND	ug/L	10.0	4.4	1	03/01/11 17:00	03/07/11 16:08	120-58-1	
Kepone	ND	ug/L	10.0	8.3	1	03/01/11 17:00	03/07/11 16:08	143-50-0	
Methapyrilene	ND	ug/L	50.0	5.8	1	03/01/11 17:00	03/07/11 16:08	91-80-5	
3-Methylcholanthrene	ND	ug/L	10.0	2.6	1	03/01/11 17:00	03/07/11 16:08	56-49-5	
Methyl methanesulfonate	ND	ug/L	5.0	3.7	1	03/01/11 17:00	03/07/11 16:08	66-27-3	
2-Methylnaphthalene	ND	ug/L	10.0	0.28	1	03/01/11 17:00	03/07/11 16:08	91-57-6	
Methyl parathion	ND	ug/L	10.0	4.9	1	03/01/11 17:00	03/07/11 16:08	298-00-0	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.6	1	03/01/11 17:00	03/07/11 16:08	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	2.0	1	03/01/11 17:00	03/07/11 16:08		
2-Naphthalenamine	ND	ug/L	5.0	3.0	1	03/01/11 17:00	03/07/11 16:08	91-59-8	
Naphthalene	ND	ug/L	10.0	0.34	1	03/01/11 17:00	03/07/11 16:08	91-20-3	
1-Naphthaleneamine	ND	ug/L	5.0	4.1	1	03/01/11 17:00	03/07/11 16:08	134-32-7	
1,4-Naphthoquinone	ND	ug/L	5.0	3.3	1	03/01/11 17:00	03/07/11 16:08	130-15-4	
2-Nitroaniline	ND	ug/L	50.0	2.0	1	03/01/11 17:00	03/07/11 16:08	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	2.0	1	03/01/11 17:00	03/07/11 16:08	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	2.1	1	03/01/11 17:00	03/07/11 16:08	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.1	1	03/01/11 17:00	03/07/11 16:08	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	0.91	1	03/01/11 17:00	03/07/11 16:08	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	4.1	1	03/01/11 17:00	03/07/11 16:08	100-02-7	
5-Nitro-o-toluidine	ND	ug/L	10.0	5.2	1	03/01/11 17:00	03/07/11 16:08	99-55-8	
N-Nitrosodiethylamine	ND	ug/L	20.0	5.6	1	03/01/11 17:00	03/07/11 16:08	55-18-5	
N-Nitrosodimethylamine	ND	ug/L	10.0	0.91	1	03/01/11 17:00	03/07/11 16:08	62-75-9	
N-Nitroso-di-n-butylamine	ND	ug/L	10.0	7.5	1	03/01/11 17:00	03/07/11 16:08	924-16-3	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	0.99	1	03/01/11 17:00	03/07/11 16:08	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1.0	1	03/01/11 17:00	03/07/11 16:08	86-30-6	
N-Nitrosomethylethylamine	ND	ug/L	10.0	4.7	1	03/01/11 17:00	03/07/11 16:08	10595-95-6	
N-Nitrosopiperidine	ND	ug/L	20.0	5.7	1	03/01/11 17:00	03/07/11 16:08	100-75-4	
N-Nitrosopyrrolidine	ND	ug/L	10.0	6.9	1	03/01/11 17:00	03/07/11 16:08	930-55-2	
O,O,O-Triethylphosphorothioate	ND	ug/L	10.0	5.1	1	03/01/11 17:00	03/07/11 16:08	126-68-1	
Parathion (Ethyl parathion)	ND	ug/L	10.0	5.1	1	03/01/11 17:00	03/07/11 16:08	56-38-2	
Pentachlorobenzene	ND	ug/L	10.0	4.3	1	03/01/11 17:00	03/07/11 16:08	608-93-5	
Pentachloroethane	ND	ug/L	20.0	3.3	1	03/01/11 17:00	03/07/11 16:08	76-01-7	
Pentachloronitrobenzene	ND	ug/L	20.0	4.8	1	03/01/11 17:00	03/07/11 16:08	82-68-8	
Pentachlorophenol	ND	ug/L	25.0	4.6	1	03/01/11 17:00	03/07/11 16:08	87-86-5	
Phenacetin	ND	ug/L	20.0	4.8	1	03/01/11 17:00	03/07/11 16:08	62-44-2	
Phenanthrene	ND	ug/L	10.0	0.22	1	03/01/11 17:00	03/07/11 16:08	85-01-8	
Phenol	ND	ug/L	10.0	1.9	1	03/01/11 17:00	03/07/11 16:08	108-95-2	
p-Phenylenediamine	ND	ug/L	10.0	6.7	1	03/01/11 17:00	03/07/11 16:08	106-50-3	
Phorate	ND	ug/L	10.0	5.4	1	03/01/11 17:00	03/07/11 16:08	298-02-2	
2-Picoline	ND	ug/L	10.0	4.3	1	03/01/11 17:00	03/07/11 16:08	109-06-8	
Pronamide	ND	ug/L	10.0	5.8	1	03/01/11 17:00	03/07/11 16:08	23950-58-5	
Pyrene	ND	ug/L	10.0	0.19	1	03/01/11 17:00	03/07/11 16:08	129-00-0	
Safrole	ND	ug/L	10.0	5.7	1	03/01/11 17:00	03/07/11 16:08	94-59-7	
1,2,4,5-Tetrachlorobenzene	ND	ug/L	10.0	4.0	1	03/01/11 17:00	03/07/11 16:08	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	ug/L	10.0	1.2	1	03/01/11 17:00	03/07/11 16:08	58-90-2	
Thionazin	ND	ug/L	20.0	4.8	1	03/01/11 17:00	03/07/11 16:08	297-97-2	

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205 East Meadow Road - Suite A
Eden, NC 27288
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Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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Huntersville, NC 28078
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ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW13 **Lab ID: 9288391008** Collected: 02/22/11 12:15 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
O-Toluidine	ND	ug/L	10.0	5.7	1	03/01/11 17:00	03/07/11 16:08	95-53-4	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	0.98	1	03/01/11 17:00	03/07/11 16:08	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	10.0	0.92	1	03/01/11 17:00	03/07/11 16:08	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.3	1	03/01/11 17:00	03/07/11 16:08	88-06-2	
1,3,5-Trinitrobenzene	ND	ug/L	10.0	5.2	1	03/01/11 17:00	03/07/11 16:08	99-35-4	
Nitrobenzene-d5 (S)	50	%	21-110		1	03/01/11 17:00	03/07/11 16:08	4165-60-0	
2-Fluorobiphenyl (S)	60	%	27-110		1	03/01/11 17:00	03/07/11 16:08	321-60-8	
Terphenyl-d14 (S)	74	%	31-107		1	03/01/11 17:00	03/07/11 16:08	1718-51-0	
Phenol-d6 (S)	22	%	10-110		1	03/01/11 17:00	03/07/11 16:08	13127-88-3	
2-Fluorophenol (S)	33	%	12-110		1	03/01/11 17:00	03/07/11 16:08	367-12-4	
2,4,6-Tribromophenol (S)	60	%	27-110		1	03/01/11 17:00	03/07/11 16:08	118-79-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		02/28/11 01:53	67-64-1	
Acetonitrile	ND	ug/L	50.0	2.2	1		02/28/11 01:53	75-05-8	
Acrolein	ND	ug/L	10.0	1.6	1		02/28/11 01:53	107-02-8	
Acrylonitrile	ND	ug/L	10.0	1.9	1		02/28/11 01:53	107-13-1	
Allyl chloride	ND	ug/L	2.0	1.5	1		02/28/11 01:53	107-05-1	
Benzene	**5.3**	ug/L	1.0	0.25	1		02/28/11 01:53	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		02/28/11 01:53	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		02/28/11 01:53	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		02/28/11 01:53	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		02/28/11 01:53	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		02/28/11 01:53	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		02/28/11 01:53	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1.2	1		02/28/11 01:53	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		02/28/11 01:53	56-23-5	
Chlorobenzene	**0.61J**	ug/L	1.0	0.23	1		02/28/11 01:53	108-90-7	
Chloroethane	**1.3**	ug/L	1.0	0.54	1		02/28/11 01:53	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		02/28/11 01:53	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		02/28/11 01:53	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.36	1		02/28/11 01:53	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		02/28/11 01:53	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		02/28/11 01:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		02/28/11 01:53	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		02/28/11 01:53	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		02/28/11 01:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		02/28/11 01:53	541-73-1	
1,4-Dichlorobenzene	**5.9**	ug/L	1.0	0.33	1		02/28/11 01:53	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1.0	1		02/28/11 01:53	110-57-6	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		02/28/11 01:53	75-71-8	
1,1-Dichloroethane	**4.8**	ug/L	1.0	0.32	1		02/28/11 01:53	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		02/28/11 01:53	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		02/28/11 01:53	75-35-4	
cis-1,2-Dichloroethene	**17.3**	ug/L	1.0	0.19	1		02/28/11 01:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		02/28/11 01:53	156-60-5	

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205 East Meadow Road - Suite A
Eden, NC 27288
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Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW13 **Lab ID: 9288391008** Collected: 02/22/11 12:15 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		02/28/11 01:53	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		02/28/11 01:53	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		02/28/11 01:53	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		02/28/11 01:53	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		02/28/11 01:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		02/28/11 01:53	10061-02-6	
Diisopropyl ether	**0.67J**	ug/L	1.0	0.12	1		02/28/11 01:53	108-20-3	
Ethanol	ND	ug/L	200	33.0	1		02/28/11 01:53	64-17-5	
Ethylbenzene	ND	ug/L	1.0	0.30	1		02/28/11 01:53	100-41-4	
2-Hexanone	ND	ug/L	5.0	0.46	1		02/28/11 01:53	591-78-6	
Iodomethane	ND	ug/L	5.0	0.32	1		02/28/11 01:53	74-88-4	
Methylene Chloride	ND	ug/L	1.0	0.97	1		02/28/11 01:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		02/28/11 01:53	108-10-1	
Naphthalene	ND	ug/L	1.0	0.24	1		02/28/11 01:53	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		02/28/11 01:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		02/28/11 01:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		02/28/11 01:53	79-34-5	
Tetrachloroethene	**2.2**	ug/L	1.0	0.46	1		02/28/11 01:53	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		02/28/11 01:53	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		02/28/11 01:53	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		02/28/11 01:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		02/28/11 01:53	79-00-5	
Trichloroethene	**1.7**	ug/L	1.0	0.47	1		02/28/11 01:53	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		02/28/11 01:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		02/28/11 01:53	96-18-4	
1,2,3-Trimethylbenzene	**3.6**	ug/L	1.0	0.090	1		02/28/11 01:53	526-73-8	
Vinyl acetate	ND	ug/L	2.0	0.35	1		02/28/11 01:53	108-05-4	
Vinyl chloride	**0.79J**	ug/L	1.0	0.62	1		02/28/11 01:53	75-01-4	
Xylene (Total)	**8.8**	ug/L	2.0	0.66	1		02/28/11 01:53	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		02/28/11 01:53	179601-23-1	
o-Xylene	**8.8**	ug/L	1.0	0.23	1		02/28/11 01:53	95-47-6	
4-Bromofluorobenzene (S)	109	%	70-130		1		02/28/11 01:53	460-00-4	
Dibromofluoromethane (S)	118	%	70-130		1		02/28/11 01:53	1868-53-7	
1,2-Dichloroethane-d4 (S)	118	%	70-130		1		02/28/11 01:53	17060-07-0	
Toluene-d8 (S)	98	%	70-130		1		02/28/11 01:53	2037-26-5	
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D								
Sulfide	ND	mg/L	0.10	0.10	1		02/24/11 17:00	18496-25-8	
4500CNE Cyanide, Total	Analytical Method: SM 4500-CN-E								
Cyanide	ND	mg/L	0.0050	0.0050	1		02/26/11 11:10	57-12-5	

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Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW14 **Lab ID: 9288391009** Collected: 02/22/11 13:00 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:								
Collected By	**MPS**				1		03/08/11 17:56		
Collected Date	**2/22/11**				1		03/08/11 17:56		
Collected Time	**13:00**				1		03/08/11 17:56		
Field pH	**6.30**	Std. Units			1		03/08/11 17:56		
Field Temperature	**14.8**	deg C			1		03/08/11 17:56		
Static Water Level	**85.68**	feet			1		03/08/11 17:56		
Field Specific Conductance	**827**	umhos/cm			1		03/08/11 17:56		
Turbidity	**3.69**	NTU			1		03/08/11 17:56		
8081 GCS Pesticides	Analytical Method: EPA 8081								
4,4'-DDD	ND	ug/L	0.010	0.0019	1	02/28/11 16:12	03/01/11 18:18	72-54-8	
4,4'-DDE	ND	ug/L	0.010	0.00091	1	02/28/11 16:12	03/01/11 18:18	72-55-9	
4,4'-DDT	ND	ug/L	0.010	0.0036	1	02/28/11 16:12	03/01/11 18:18	50-29-3	
Aldrin	ND	ug/L	0.010	0.00050	1	02/28/11 16:12	03/01/11 18:18	309-00-2	
Chlordane (Technical)	ND	ug/L	0.50	0.081	1	02/28/11 16:12	03/01/11 18:18	57-74-9	
Dieldrin	ND	ug/L	0.010	0.00050	1	02/28/11 16:12	03/01/11 18:18	60-57-1	
Endosulfan I	ND	ug/L	0.010	0.00070	1	02/28/11 16:12	03/01/11 18:18	959-98-8	
Endosulfan II	ND	ug/L	0.010	0.00070	1	02/28/11 16:12	03/01/11 18:18	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.010	0.00060	1	02/28/11 16:12	03/01/11 18:18	1031-07-8	
Endrin	ND	ug/L	0.010	0.0017	1	02/28/11 16:12	03/01/11 18:18	72-20-8	
Endrin aldehyde	ND	ug/L	0.010	0.0071	1	02/28/11 16:12	03/01/11 18:18	7421-93-4	
Heptachlor	ND	ug/L	0.010	0.0015	1	02/28/11 16:12	03/01/11 18:18	76-44-8	
Heptachlor epoxide	ND	ug/L	0.010	0.00040	1	02/28/11 16:12	03/01/11 18:18	1024-57-3	
Methoxychlor	ND	ug/L	0.010	0.0070	1	02/28/11 16:12	03/01/11 18:18	72-43-5	
Toxaphene	ND	ug/L	0.50	0.29	1	02/28/11 16:12	03/01/11 18:18	8001-35-2	
alpha-BHC	ND	ug/L	0.010	0.00030	1	02/28/11 16:12	03/01/11 18:18	319-84-6	
beta-BHC	ND	ug/L	0.010	0.00050	1	02/28/11 16:12	03/01/11 18:18	319-85-7	
delta-BHC	ND	ug/L	0.010	0.00040	1	02/28/11 16:12	03/01/11 18:18	319-86-8	
gamma-BHC (Lindane)	**0.027**	ug/L	0.010	0.00020	1	02/28/11 16:12	03/01/11 18:18	58-89-9	
Tetrachloro-m-xylene (S)	94	%	66.5-120.3		1	02/28/11 16:12	03/01/11 18:18	877-09-8	
Decachlorobiphenyl (S)	78	%	41.7-109.1		1	02/28/11 16:12	03/01/11 18:18	2051-24-3	
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3535								
PCB-1016 (Aroclor 1016)	ND	ug/L	0.59	0.59	1	02/24/11 12:00	03/08/11 11:32	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.59	0.59	1	02/24/11 12:00	03/08/11 11:32	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.59	0.59	1	02/24/11 12:00	03/08/11 11:32	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.59	0.59	1	02/24/11 12:00	03/08/11 11:32	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.59	0.59	1	02/24/11 12:00	03/08/11 11:32	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.59	0.59	1	02/24/11 12:00	03/08/11 11:32	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.59	0.59	1	02/24/11 12:00	03/08/11 11:32	11096-82-5	
Decachlorobiphenyl (S)	91	%	10-132		1	02/24/11 12:00	03/08/11 11:32	2051-24-3	
8151 Chlorinated Herbicides	Analytical Method: EPA 8151								
2,4,5-T	ND	ug/L	2.0	0.042	1	03/01/11 12:00	03/02/11 01:43	93-76-5	

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Eden, NC 27288
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Asheville, NC 28804
(828)254-7176

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

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW14 **Lab ID: 9288391009** Collected: 02/22/11 13:00 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8151 Chlorinated Herbicides	Analytical Method: EPA 8151								
2,4,5-TP (Silvex)	ND	ug/L	2.0	0.049	1	03/01/11 12:00	03/02/11 01:43	93-72-1	
2,4-D	ND	ug/L	2.0	0.23	1	03/01/11 12:00	03/02/11 01:43	94-75-7	
Dinoseb	ND	ug/L	1.0	0.057	1	03/01/11 12:00	03/02/11 01:43	88-85-7	
2,4-DCPA (S)	74	%	65.5-125.7		1	03/01/11 12:00	03/02/11 01:43	19719-28-9	
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	5.0	2.6	1	03/04/11 11:15	03/04/11 20:51	7440-36-0	
Arsenic	ND	ug/L	5.0	2.7	1	03/04/11 11:15	03/04/11 20:51	7440-38-2	
Barium	**309**	ug/L	5.0	0.20	1	03/04/11 11:15	03/04/11 20:51	7440-39-3	
Beryllium	ND	ug/L	1.0	0.10	1	03/04/11 11:15	03/04/11 20:51	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	03/04/11 11:15	03/04/11 20:51	7440-43-9	
Chromium	**3.7J**	ug/L	5.0	0.40	1	03/04/11 11:15	03/04/11 20:51	7440-47-3	
Cobalt	**6.1**	ug/L	5.0	0.60	1	03/04/11 11:15	03/04/11 20:51	7440-48-4	
Copper	ND	ug/L	5.0	0.30	1	03/04/11 11:15	03/04/11 20:51	7440-50-8	
Lead	ND	ug/L	5.0	4.0	1	03/04/11 11:15	03/04/11 20:51	7439-92-1	
Nickel	**7.5**	ug/L	5.0	1.7	1	03/04/11 11:15	03/04/11 20:51	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	03/04/11 11:15	03/04/11 20:51	7782-49-2	
Silver	**0.12J**	ug/L	5.0	0.10	1	03/04/11 11:15	03/04/11 20:51	7440-22-4	
Thallium	ND	ug/L	5.4	3.0	1	03/04/11 11:15	03/04/11 20:51	7440-28-0	
Tin	**2.8J**	ug/L	5.0	1.8	1	03/04/11 11:15	03/04/11 20:51	7440-31-5	
Vanadium	**0.38J**	ug/L	5.0	0.20	1	03/04/11 11:15	03/04/11 20:51	7440-62-2	
Zinc	**16.0**	ug/L	10.0	0.40	1	03/04/11 11:15	03/04/11 20:51	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.10	1	03/03/11 16:30	03/04/11 13:49	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Acenaphthene	ND	ug/L	10.0	0.25	1	03/01/11 17:00	03/07/11 16:43	83-32-9	
Acenaphthylene	ND	ug/L	10.0	0.21	1	03/01/11 17:00	03/07/11 16:43	208-96-8	
Acetophenone	ND	ug/L	10.0	0.99	1	03/01/11 17:00	03/07/11 16:43	98-86-2	
2-Acetylaminofluorene	ND	ug/L	20.0	5.8	1	03/01/11 17:00	03/07/11 16:43	53-96-3	
4-Aminobiphenyl	ND	ug/L	10.0	5.2	1	03/01/11 17:00	03/07/11 16:43	92-67-1	
Anthracene	ND	ug/L	10.0	0.14	1	03/01/11 17:00	03/07/11 16:43	120-12-7	
Aramite	ND	ug/L	100	4.9	1	03/01/11 17:00	03/07/11 16:43	140-57-8	
Benzo(a)anthracene	ND	ug/L	10.0	0.33	1	03/01/11 17:00	03/07/11 16:43	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	0.30	1	03/01/11 17:00	03/07/11 16:43	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	0.28	1	03/01/11 17:00	03/07/11 16:43	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	0.38	1	03/01/11 17:00	03/07/11 16:43	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	0.43	1	03/01/11 17:00	03/07/11 16:43	207-08-9	
Benzyl alcohol	ND	ug/L	20.0	2.4	1	03/01/11 17:00	03/07/11 16:43	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	0.82	1	03/01/11 17:00	03/07/11 16:43	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	0.79	1	03/01/11 17:00	03/07/11 16:43	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	20.0	3.7	1	03/01/11 17:00	03/07/11 16:43	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	2.8	1	03/01/11 17:00	03/07/11 16:43	106-47-8	
Chlorobenzilate	ND	ug/L	10.0	4.5	1	03/01/11 17:00	03/07/11 16:43	510-15-6	

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Eden, NC 27288
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Pace Analytical Services, Inc.
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Asheville, NC 28804
(828)254-7176

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW14 **Lab ID: 9288391009** Collected: 02/22/11 13:00 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	0.92	1	03/01/11 17:00	03/07/11 16:43	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.0	1	03/01/11 17:00	03/07/11 16:43	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	0.95	1	03/01/11 17:00	03/07/11 16:43	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.0	0.98	1	03/01/11 17:00	03/07/11 16:43	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.3	1	03/01/11 17:00	03/07/11 16:43	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	0.87	1	03/01/11 17:00	03/07/11 16:43	7005-72-3	
Chrysene	ND	ug/L	10.0	0.21	1	03/01/11 17:00	03/07/11 16:43	218-01-9	
Diallate	ND	ug/L	10.0	5.4	1	03/01/11 17:00	03/07/11 16:43	2303-16-4	
Dibenz(a,h)anthracene	ND	ug/L	10.0	0.55	1	03/01/11 17:00	03/07/11 16:43	53-70-3	
Dibenzofuran	ND	ug/L	10.0	0.89	1	03/01/11 17:00	03/07/11 16:43	132-64-9	
1,2-Dichlorobenzene	**42.2**	ug/L	10.0	0.88	1	03/01/11 17:00	03/07/11 16:43	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	0.81	1	03/01/11 17:00	03/07/11 16:43	541-73-1	
1,4-Dichlorobenzene	**9.6J**	ug/L	10.0	0.95	1	03/01/11 17:00	03/07/11 16:43	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	2.1	1	03/01/11 17:00	03/07/11 16:43	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.7	1	03/01/11 17:00	03/07/11 16:43	120-83-2	
2,6-Dichlorophenol	ND	ug/L	10.0	5.7	1	03/01/11 17:00	03/07/11 16:43	87-65-0	
Diethylphthalate	ND	ug/L	10.0	0.58	1	03/01/11 17:00	03/07/11 16:43	84-66-2	
Dimethoate	ND	ug/L	10.0	4.9	1	03/01/11 17:00	03/07/11 16:43	60-51-5	
P-Dimethylaminoazobenzene	ND	ug/L	5.0	2.7	1	03/01/11 17:00	03/07/11 16:43	60-11-7	
7,12-Dimethylbenz(a)anthracene	ND	ug/L	10.0	4.9	1	03/01/11 17:00	03/07/11 16:43	57-97-6	
3,3'-Dimethylbenzidine	ND	ug/L	10.0	9.6	1	03/01/11 17:00	03/07/11 16:43	119-93-7	
2,4-Dimethylphenol	ND	ug/L	10.0	1.2	1	03/01/11 17:00	03/07/11 16:43	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	0.76	1	03/01/11 17:00	03/07/11 16:43	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	0.75	1	03/01/11 17:00	03/07/11 16:43	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	2.6	1	03/01/11 17:00	03/07/11 16:43	534-52-1	
1,3-Dinitrobenzene	ND	ug/L	20.0	5.1	1	03/01/11 17:00	03/07/11 16:43	99-65-0	
1,4-Dinitrobenzene	ND	ug/L	20.0	5.0	1	03/01/11 17:00	03/07/11 16:43	100-25-4	
2,4-Dinitrophenol	ND	ug/L	50.0	9.0	1	03/01/11 17:00	03/07/11 16:43	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	0.90	1	03/01/11 17:00	03/07/11 16:43	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	0.98	1	03/01/11 17:00	03/07/11 16:43	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	0.66	1	03/01/11 17:00	03/07/11 16:43	117-84-0	
Diphenylamine	ND	ug/L	10.0	1.0	1	03/01/11 17:00	03/07/11 16:43	122-39-4	
Disulfoton	ND	ug/L	10.0	5.5	1	03/01/11 17:00	03/07/11 16:43	298-04-4	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	0.79	1	03/01/11 17:00	03/07/11 16:43	117-81-7	
Ethyl methanesulfonate	ND	ug/L	20.0	5.6	1	03/01/11 17:00	03/07/11 16:43	62-50-0	
Famphur	ND	ug/L	10.0	3.7	1	03/01/11 17:00	03/07/11 16:43	52-85-7	
Fluoranthene	ND	ug/L	10.0	0.21	1	03/01/11 17:00	03/07/11 16:43	206-44-0	
Fluorene	ND	ug/L	10.0	0.21	1	03/01/11 17:00	03/07/11 16:43	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	0.94	1	03/01/11 17:00	03/07/11 16:43	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	0.72	1	03/01/11 17:00	03/07/11 16:43	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	0.88	1	03/01/11 17:00	03/07/11 16:43	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.1	1	03/01/11 17:00	03/07/11 16:43	67-72-1	
Hexachloropropene	ND	ug/L	10.0	3.2	1	03/01/11 17:00	03/07/11 16:43	1888-71-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	0.29	1	03/01/11 17:00	03/07/11 16:43	193-39-5	
Isodrin	ND	ug/L	20.0	5.7	1	03/01/11 17:00	03/07/11 16:43	465-73-6	
Isophorone	ND	ug/L	10.0	0.89	1	03/01/11 17:00	03/07/11 16:43	78-59-1	

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ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW14 **Lab ID: 9288391009** Collected: 02/22/11 13:00 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Isosafrole	ND	ug/L	10.0	4.4	1	03/01/11 17:00	03/07/11 16:43	120-58-1	
Kepone	ND	ug/L	10.0	8.3	1	03/01/11 17:00	03/07/11 16:43	143-50-0	
Methapyrilene	ND	ug/L	50.0	5.8	1	03/01/11 17:00	03/07/11 16:43	91-80-5	
3-Methylcholanthrene	ND	ug/L	10.0	2.6	1	03/01/11 17:00	03/07/11 16:43	56-49-5	
Methyl methanesulfonate	ND	ug/L	5.0	3.7	1	03/01/11 17:00	03/07/11 16:43	66-27-3	
2-Methylnaphthalene	ND	ug/L	10.0	0.28	1	03/01/11 17:00	03/07/11 16:43	91-57-6	
Methyl parathion	ND	ug/L	10.0	4.9	1	03/01/11 17:00	03/07/11 16:43	298-00-0	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.6	1	03/01/11 17:00	03/07/11 16:43	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	2.0	1	03/01/11 17:00	03/07/11 16:43		
2-Naphthalenamine	ND	ug/L	5.0	3.0	1	03/01/11 17:00	03/07/11 16:43	91-59-8	
Naphthalene	ND	ug/L	10.0	0.34	1	03/01/11 17:00	03/07/11 16:43	91-20-3	
1-Naphthaleneamine	ND	ug/L	5.0	4.1	1	03/01/11 17:00	03/07/11 16:43	134-32-7	
1,4-Naphthoquinone	ND	ug/L	5.0	3.3	1	03/01/11 17:00	03/07/11 16:43	130-15-4	
2-Nitroaniline	ND	ug/L	50.0	2.0	1	03/01/11 17:00	03/07/11 16:43	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	2.0	1	03/01/11 17:00	03/07/11 16:43	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	2.1	1	03/01/11 17:00	03/07/11 16:43	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.1	1	03/01/11 17:00	03/07/11 16:43	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	0.91	1	03/01/11 17:00	03/07/11 16:43	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	4.1	1	03/01/11 17:00	03/07/11 16:43	100-02-7	
5-Nitro-o-toluidine	ND	ug/L	10.0	5.2	1	03/01/11 17:00	03/07/11 16:43	99-55-8	
N-Nitrosodiethylamine	ND	ug/L	20.0	5.6	1	03/01/11 17:00	03/07/11 16:43	55-18-5	
N-Nitrosodimethylamine	ND	ug/L	10.0	0.91	1	03/01/11 17:00	03/07/11 16:43	62-75-9	
N-Nitroso-di-n-butylamine	ND	ug/L	10.0	7.5	1	03/01/11 17:00	03/07/11 16:43	924-16-3	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	0.99	1	03/01/11 17:00	03/07/11 16:43	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1.0	1	03/01/11 17:00	03/07/11 16:43	86-30-6	
N-Nitrosomethylethylamine	ND	ug/L	10.0	4.7	1	03/01/11 17:00	03/07/11 16:43	10595-95-6	
N-Nitrosopiperidine	ND	ug/L	20.0	5.7	1	03/01/11 17:00	03/07/11 16:43	100-75-4	
N-Nitrosopyrrolidine	ND	ug/L	10.0	6.9	1	03/01/11 17:00	03/07/11 16:43	930-55-2	
O,O,O-Triethylphosphorothioate	ND	ug/L	10.0	5.1	1	03/01/11 17:00	03/07/11 16:43	126-68-1	
Parathion (Ethyl parathion)	ND	ug/L	10.0	5.1	1	03/01/11 17:00	03/07/11 16:43	56-38-2	
Pentachlorobenzene	ND	ug/L	10.0	4.3	1	03/01/11 17:00	03/07/11 16:43	608-93-5	
Pentachloroethane	ND	ug/L	20.0	3.3	1	03/01/11 17:00	03/07/11 16:43	76-01-7	
Pentachloronitrobenzene	ND	ug/L	20.0	4.8	1	03/01/11 17:00	03/07/11 16:43	82-68-8	
Pentachlorophenol	ND	ug/L	25.0	4.6	1	03/01/11 17:00	03/07/11 16:43	87-86-5	
Phenacetin	ND	ug/L	20.0	4.8	1	03/01/11 17:00	03/07/11 16:43	62-44-2	
Phenanthrene	ND	ug/L	10.0	0.22	1	03/01/11 17:00	03/07/11 16:43	85-01-8	
Phenol	ND	ug/L	10.0	1.9	1	03/01/11 17:00	03/07/11 16:43	108-95-2	
p-Phenylenediamine	ND	ug/L	10.0	6.7	1	03/01/11 17:00	03/07/11 16:43	106-50-3	
Phorate	ND	ug/L	10.0	5.4	1	03/01/11 17:00	03/07/11 16:43	298-02-2	
2-Picoline	ND	ug/L	10.0	4.3	1	03/01/11 17:00	03/07/11 16:43	109-06-8	
Pronamide	ND	ug/L	10.0	5.8	1	03/01/11 17:00	03/07/11 16:43	23950-58-5	
Pyrene	ND	ug/L	10.0	0.19	1	03/01/11 17:00	03/07/11 16:43	129-00-0	
Safrole	ND	ug/L	10.0	5.7	1	03/01/11 17:00	03/07/11 16:43	94-59-7	
1,2,4,5-Tetrachlorobenzene	ND	ug/L	10.0	4.0	1	03/01/11 17:00	03/07/11 16:43	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	ug/L	10.0	1.2	1	03/01/11 17:00	03/07/11 16:43	58-90-2	
Thionazin	ND	ug/L	20.0	4.8	1	03/01/11 17:00	03/07/11 16:43	297-97-2	

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205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW14 **Lab ID: 9288391009** Collected: 02/22/11 13:00 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
O-Toluidine	ND	ug/L	10.0	5.7	1	03/01/11 17:00	03/07/11 16:43	95-53-4	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	0.98	1	03/01/11 17:00	03/07/11 16:43	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	10.0	0.92	1	03/01/11 17:00	03/07/11 16:43	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.3	1	03/01/11 17:00	03/07/11 16:43	88-06-2	
1,3,5-Trinitrobenzene	ND	ug/L	10.0	5.2	1	03/01/11 17:00	03/07/11 16:43	99-35-4	
Nitrobenzene-d5 (S)	51	%	21-110		1	03/01/11 17:00	03/07/11 16:43	4165-60-0	
2-Fluorobiphenyl (S)	60	%	27-110		1	03/01/11 17:00	03/07/11 16:43	321-60-8	
Terphenyl-d14 (S)	72	%	31-107		1	03/01/11 17:00	03/07/11 16:43	1718-51-0	
Phenol-d6 (S)	21	%	10-110		1	03/01/11 17:00	03/07/11 16:43	13127-88-3	
2-Fluorophenol (S)	32	%	12-110		1	03/01/11 17:00	03/07/11 16:43	367-12-4	
2,4,6-Tribromophenol (S)	60	%	27-110		1	03/01/11 17:00	03/07/11 16:43	118-79-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		02/28/11 02:19	67-64-1	
Acetonitrile	ND	ug/L	50.0	2.2	1		02/28/11 02:19	75-05-8	
Acrolein	ND	ug/L	10.0	1.6	1		02/28/11 02:19	107-02-8	
Acrylonitrile	ND	ug/L	10.0	1.9	1		02/28/11 02:19	107-13-1	
Allyl chloride	ND	ug/L	2.0	1.5	1		02/28/11 02:19	107-05-1	
Benzene	**1.3**	ug/L	1.0	0.25	1		02/28/11 02:19	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		02/28/11 02:19	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		02/28/11 02:19	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		02/28/11 02:19	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		02/28/11 02:19	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		02/28/11 02:19	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		02/28/11 02:19	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1.2	1		02/28/11 02:19	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		02/28/11 02:19	56-23-5	
Chlorobenzene	**1.6**	ug/L	1.0	0.23	1		02/28/11 02:19	108-90-7	
Chloroethane	**1.3**	ug/L	1.0	0.54	1		02/28/11 02:19	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		02/28/11 02:19	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		02/28/11 02:19	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.36	1		02/28/11 02:19	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		02/28/11 02:19	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		02/28/11 02:19	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		02/28/11 02:19	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		02/28/11 02:19	74-95-3	
1,2-Dichlorobenzene	**104**	ug/L	1.0	0.30	1		02/28/11 02:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		02/28/11 02:19	541-73-1	
1,4-Dichlorobenzene	**21.4**	ug/L	1.0	0.33	1		02/28/11 02:19	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1.0	1		02/28/11 02:19	110-57-6	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		02/28/11 02:19	75-71-8	
1,1-Dichloroethane	**1.5**	ug/L	1.0	0.32	1		02/28/11 02:19	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		02/28/11 02:19	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		02/28/11 02:19	75-35-4	
cis-1,2-Dichloroethene	**32.5**	ug/L	1.0	0.19	1		02/28/11 02:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		02/28/11 02:19	156-60-5	

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205 East Meadow Road - Suite A
Eden, NC 27288
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Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW14 **Lab ID: 9288391009** Collected: 02/22/11 13:00 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		02/28/11 02:19	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		02/28/11 02:19	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		02/28/11 02:19	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		02/28/11 02:19	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		02/28/11 02:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		02/28/11 02:19	10061-02-6	
Diisopropyl ether	**0.34J**	ug/L	1.0	0.12	1		02/28/11 02:19	108-20-3	
Ethanol	ND	ug/L	200	33.0	1		02/28/11 02:19	64-17-5	
Ethylbenzene	ND	ug/L	1.0	0.30	1		02/28/11 02:19	100-41-4	
2-Hexanone	ND	ug/L	5.0	0.46	1		02/28/11 02:19	591-78-6	
Iodomethane	ND	ug/L	5.0	0.32	1		02/28/11 02:19	74-88-4	
Methylene Chloride	ND	ug/L	1.0	0.97	1		02/28/11 02:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		02/28/11 02:19	108-10-1	
Naphthalene	ND	ug/L	1.0	0.24	1		02/28/11 02:19	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		02/28/11 02:19	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		02/28/11 02:19	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		02/28/11 02:19	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		02/28/11 02:19	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		02/28/11 02:19	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		02/28/11 02:19	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		02/28/11 02:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		02/28/11 02:19	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		02/28/11 02:19	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		02/28/11 02:19	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		02/28/11 02:19	96-18-4	
1,2,3-Trimethylbenzene	ND	ug/L	1.0	0.090	1		02/28/11 02:19	526-73-8	
Vinyl acetate	ND	ug/L	2.0	0.35	1		02/28/11 02:19	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		02/28/11 02:19	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		02/28/11 02:19	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		02/28/11 02:19	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		02/28/11 02:19	95-47-6	
4-Bromofluorobenzene (S)	99	%	70-130		1		02/28/11 02:19	460-00-4	
Dibromofluoromethane (S)	119	%	70-130		1		02/28/11 02:19	1868-53-7	
1,2-Dichloroethane-d4 (S)	121	%	70-130		1		02/28/11 02:19	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		02/28/11 02:19	2037-26-5	
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D								
Sulfide	ND	mg/L	0.10	0.10	1		02/24/11 17:00	18496-25-8	
4500CNE Cyanide, Total	Analytical Method: SM 4500-CN-E								
Cyanide	**0.0067**	mg/L	0.0050	0.0050	1		03/04/11 13:10	57-12-5	M1

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Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW15 **Lab ID: 9288391010** Collected: 02/22/11 13:30 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:								
Collected By	**MPS**				1		03/08/11 17:57		
Collected Date	**2/22/11**				1		03/08/11 17:57		
Collected Time	**13:30**				1		03/08/11 17:57		
Field pH	**7.12**	Std. Units			1		03/08/11 17:57		
Field Temperature	**13.5**	deg C			1		03/08/11 17:57		
Static Water Level	**83.64**	feet			1		03/08/11 17:57		
Field Specific Conductance	**732**	umhos/cm			1		03/08/11 17:57		
Turbidity	**5.78**	NTU			1		03/08/11 17:57		
8081 GCS Pesticides	Analytical Method: EPA 8081								
4,4'-DDD	ND	ug/L	0.010	0.0019	1	02/28/11 16:12	03/01/11 18:37	72-54-8	
4,4'-DDE	ND	ug/L	0.010	0.00091	1	02/28/11 16:12	03/01/11 18:37	72-55-9	
4,4'-DDT	ND	ug/L	0.010	0.0036	1	02/28/11 16:12	03/01/11 18:37	50-29-3	
Aldrin	ND	ug/L	0.010	0.00050	1	02/28/11 16:12	03/01/11 18:37	309-00-2	
Chlordane (Technical)	ND	ug/L	0.50	0.081	1	02/28/11 16:12	03/01/11 18:37	57-74-9	
Dieldrin	ND	ug/L	0.010	0.00050	1	02/28/11 16:12	03/01/11 18:37	60-57-1	
Endosulfan I	ND	ug/L	0.010	0.00071	1	02/28/11 16:12	03/01/11 18:37	959-98-8	
Endosulfan II	ND	ug/L	0.010	0.00071	1	02/28/11 16:12	03/01/11 18:37	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.010	0.00061	1	02/28/11 16:12	03/01/11 18:37	1031-07-8	
Endrin	ND	ug/L	0.010	0.0017	1	02/28/11 16:12	03/01/11 18:37	72-20-8	
Endrin aldehyde	ND	ug/L	0.010	0.0072	1	02/28/11 16:12	03/01/11 18:37	7421-93-4	
Heptachlor	ND	ug/L	0.010	0.0015	1	02/28/11 16:12	03/01/11 18:37	76-44-8	
Heptachlor epoxide	ND	ug/L	0.010	0.00040	1	02/28/11 16:12	03/01/11 18:37	1024-57-3	
Methoxychlor	ND	ug/L	0.010	0.0071	1	02/28/11 16:12	03/01/11 18:37	72-43-5	
Toxaphene	ND	ug/L	0.50	0.29	1	02/28/11 16:12	03/01/11 18:37	8001-35-2	
alpha-BHC	ND	ug/L	0.010	0.00030	1	02/28/11 16:12	03/01/11 18:37	319-84-6	
beta-BHC	ND	ug/L	0.010	0.00050	1	02/28/11 16:12	03/01/11 18:37	319-85-7	
delta-BHC	ND	ug/L	0.010	0.00040	1	02/28/11 16:12	03/01/11 18:37	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.010	0.00020	1	02/28/11 16:12	03/01/11 18:37	58-89-9	
Tetrachloro-m-xylene (S)	108	%	66.5-120.3		1	02/28/11 16:12	03/01/11 18:37	877-09-8	
Decachlorobiphenyl (S)	67	%	41.7-109.1		1	02/28/11 16:12	03/01/11 18:37	2051-24-3	
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3535								
PCB-1016 (Aroclor 1016)	ND	ug/L	0.50	0.50	1	03/04/11 18:40	03/08/11 02:19	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.50	0.50	1	03/04/11 18:40	03/08/11 02:19	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.50	0.50	1	03/04/11 18:40	03/08/11 02:19	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.50	0.50	1	03/04/11 18:40	03/08/11 02:19	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.50	0.50	1	03/04/11 18:40	03/08/11 02:19	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.50	0.50	1	03/04/11 18:40	03/08/11 02:19	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.50	0.50	1	03/04/11 18:40	03/08/11 02:19	11096-82-5	
Decachlorobiphenyl (S)	98	%	10-132		1	03/04/11 18:40	03/08/11 02:19	2051-24-3	
8151 Chlorinated Herbicides	Analytical Method: EPA 8151								
2,4,5-T	ND	ug/L	2.0	0.043	1	03/01/11 12:00	03/02/11 02:10	93-76-5	

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ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW15 **Lab ID: 9288391010** Collected: 02/22/11 13:30 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8151 Chlorinated Herbicides	Analytical Method: EPA 8151								
2,4,5-TP (Silvex)	ND	ug/L	2.0	0.050	1	03/01/11 12:00	03/02/11 02:10	93-72-1	
2,4-D	ND	ug/L	2.0	0.23	1	03/01/11 12:00	03/02/11 02:10	94-75-7	
Dinoseb	ND	ug/L	1.0	0.058	1	03/01/11 12:00	03/02/11 02:10	88-85-7	
2,4-DCPA (S)	80	%	65.5-125.7		1	03/01/11 12:00	03/02/11 02:10	19719-28-9	
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	5.0	2.6	1	03/04/11 11:15	03/04/11 20:54	7440-36-0	
Arsenic	**3.9J**	ug/L	5.0	2.7	1	03/04/11 11:15	03/04/11 20:54	7440-38-2	
Barium	**68.7**	ug/L	5.0	0.20	1	03/04/11 11:15	03/04/11 20:54	7440-39-3	
Beryllium	ND	ug/L	1.0	0.10	1	03/04/11 11:15	03/04/11 20:54	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	03/04/11 11:15	03/04/11 20:54	7440-43-9	
Chromium	**2.4J**	ug/L	5.0	0.40	1	03/04/11 11:15	03/04/11 20:54	7440-47-3	
Cobalt	**2.6J**	ug/L	5.0	0.60	1	03/04/11 11:15	03/04/11 20:54	7440-48-4	
Copper	ND	ug/L	5.0	0.30	1	03/04/11 11:15	03/04/11 20:54	7440-50-8	
Lead	ND	ug/L	5.0	4.0	1	03/04/11 11:15	03/04/11 20:54	7439-92-1	
Nickel	ND	ug/L	5.0	1.7	1	03/04/11 11:15	03/04/11 20:54	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	03/04/11 11:15	03/04/11 20:54	7782-49-2	
Silver	**0.45J**	ug/L	5.0	0.10	1	03/04/11 11:15	03/04/11 20:54	7440-22-4	
Thallium	ND	ug/L	5.4	3.0	1	03/04/11 11:15	03/04/11 20:54	7440-28-0	
Tin	**3.4J**	ug/L	5.0	1.8	1	03/04/11 11:15	03/04/11 20:54	7440-31-5	
Vanadium	**0.73J**	ug/L	5.0	0.20	1	03/04/11 11:15	03/04/11 20:54	7440-62-2	
Zinc	**5.6J**	ug/L	10.0	0.40	1	03/04/11 11:15	03/04/11 20:54	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470								
Mercury	ND	ug/L	0.20	0.10	1	03/03/11 16:30	03/04/11 13:51	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Acenaphthene	ND	ug/L	10.0	0.25	1	03/01/11 17:00	03/07/11 17:19	83-32-9	
Acenaphthylene	ND	ug/L	10.0	0.21	1	03/01/11 17:00	03/07/11 17:19	208-96-8	
Acetophenone	ND	ug/L	10.0	0.99	1	03/01/11 17:00	03/07/11 17:19	98-86-2	
2-Acetylaminofluorene	ND	ug/L	20.0	5.8	1	03/01/11 17:00	03/07/11 17:19	53-96-3	
4-Aminobiphenyl	ND	ug/L	10.0	5.2	1	03/01/11 17:00	03/07/11 17:19	92-67-1	
Anthracene	ND	ug/L	10.0	0.14	1	03/01/11 17:00	03/07/11 17:19	120-12-7	
Aramite	ND	ug/L	100	4.9	1	03/01/11 17:00	03/07/11 17:19	140-57-8	
Benzo(a)anthracene	ND	ug/L	10.0	0.33	1	03/01/11 17:00	03/07/11 17:19	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	0.30	1	03/01/11 17:00	03/07/11 17:19	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	0.28	1	03/01/11 17:00	03/07/11 17:19	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	0.38	1	03/01/11 17:00	03/07/11 17:19	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	0.43	1	03/01/11 17:00	03/07/11 17:19	207-08-9	
Benzyl alcohol	ND	ug/L	20.0	2.4	1	03/01/11 17:00	03/07/11 17:19	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	0.82	1	03/01/11 17:00	03/07/11 17:19	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	0.79	1	03/01/11 17:00	03/07/11 17:19	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	20.0	3.7	1	03/01/11 17:00	03/07/11 17:19	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	2.8	1	03/01/11 17:00	03/07/11 17:19	106-47-8	
Chlorobenzilate	ND	ug/L	10.0	4.5	1	03/01/11 17:00	03/07/11 17:19	510-15-6	

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Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW15 **Lab ID: 9288391010** Collected: 02/22/11 13:30 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	0.92	1	03/01/11 17:00	03/07/11 17:19	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1.0	1	03/01/11 17:00	03/07/11 17:19	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	0.95	1	03/01/11 17:00	03/07/11 17:19	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.0	0.98	1	03/01/11 17:00	03/07/11 17:19	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1.3	1	03/01/11 17:00	03/07/11 17:19	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	0.87	1	03/01/11 17:00	03/07/11 17:19	7005-72-3	
Chrysene	ND	ug/L	10.0	0.21	1	03/01/11 17:00	03/07/11 17:19	218-01-9	
Diallate	ND	ug/L	10.0	5.4	1	03/01/11 17:00	03/07/11 17:19	2303-16-4	
Dibenz(a,h)anthracene	ND	ug/L	10.0	0.55	1	03/01/11 17:00	03/07/11 17:19	53-70-3	
Dibenzofuran	ND	ug/L	10.0	0.89	1	03/01/11 17:00	03/07/11 17:19	132-64-9	
1,2-Dichlorobenzene	**1.2J**	ug/L	10.0	0.88	1	03/01/11 17:00	03/07/11 17:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	0.81	1	03/01/11 17:00	03/07/11 17:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	0.95	1	03/01/11 17:00	03/07/11 17:19	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	2.1	1	03/01/11 17:00	03/07/11 17:19	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1.7	1	03/01/11 17:00	03/07/11 17:19	120-83-2	
2,6-Dichlorophenol	ND	ug/L	10.0	5.7	1	03/01/11 17:00	03/07/11 17:19	87-65-0	
Diethylphthalate	ND	ug/L	10.0	0.58	1	03/01/11 17:00	03/07/11 17:19	84-66-2	
Dimethoate	ND	ug/L	10.0	4.9	1	03/01/11 17:00	03/07/11 17:19	60-51-5	
P-Dimethylaminoazobenzene	ND	ug/L	5.0	2.7	1	03/01/11 17:00	03/07/11 17:19	60-11-7	
7,12-Dimethylbenz(a)anthracene	ND	ug/L	10.0	4.9	1	03/01/11 17:00	03/07/11 17:19	57-97-6	
3,3'-Dimethylbenzidine	ND	ug/L	10.0	9.6	1	03/01/11 17:00	03/07/11 17:19	119-93-7	
2,4-Dimethylphenol	ND	ug/L	10.0	1.2	1	03/01/11 17:00	03/07/11 17:19	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	0.76	1	03/01/11 17:00	03/07/11 17:19	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	0.75	1	03/01/11 17:00	03/07/11 17:19	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	2.6	1	03/01/11 17:00	03/07/11 17:19	534-52-1	
1,3-Dinitrobenzene	ND	ug/L	20.0	5.1	1	03/01/11 17:00	03/07/11 17:19	99-65-0	
1,4-Dinitrobenzene	ND	ug/L	20.0	5.0	1	03/01/11 17:00	03/07/11 17:19	100-25-4	
2,4-Dinitrophenol	ND	ug/L	50.0	9.0	1	03/01/11 17:00	03/07/11 17:19	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	0.90	1	03/01/11 17:00	03/07/11 17:19	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	0.98	1	03/01/11 17:00	03/07/11 17:19	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	0.66	1	03/01/11 17:00	03/07/11 17:19	117-84-0	
Diphenylamine	ND	ug/L	10.0	1.0	1	03/01/11 17:00	03/07/11 17:19	122-39-4	
Disulfoton	ND	ug/L	10.0	5.5	1	03/01/11 17:00	03/07/11 17:19	298-04-4	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	0.79	1	03/01/11 17:00	03/07/11 17:19	117-81-7	
Ethyl methanesulfonate	ND	ug/L	20.0	5.6	1	03/01/11 17:00	03/07/11 17:19	62-50-0	
Famphur	ND	ug/L	10.0	3.7	1	03/01/11 17:00	03/07/11 17:19	52-85-7	
Fluoranthene	ND	ug/L	10.0	0.21	1	03/01/11 17:00	03/07/11 17:19	206-44-0	
Fluorene	ND	ug/L	10.0	0.21	1	03/01/11 17:00	03/07/11 17:19	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	0.94	1	03/01/11 17:00	03/07/11 17:19	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	0.72	1	03/01/11 17:00	03/07/11 17:19	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	0.88	1	03/01/11 17:00	03/07/11 17:19	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1.1	1	03/01/11 17:00	03/07/11 17:19	67-72-1	
Hexachloropropene	ND	ug/L	10.0	3.2	1	03/01/11 17:00	03/07/11 17:19	1888-71-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	0.29	1	03/01/11 17:00	03/07/11 17:19	193-39-5	
Isodrin	ND	ug/L	20.0	5.7	1	03/01/11 17:00	03/07/11 17:19	465-73-6	
Isophorone	ND	ug/L	10.0	0.89	1	03/01/11 17:00	03/07/11 17:19	78-59-1	

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ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW15 **Lab ID: 9288391010** Collected: 02/22/11 13:30 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
Isosafrole	ND	ug/L	10.0	4.4	1	03/01/11 17:00	03/07/11 17:19	120-58-1	
Kepone	ND	ug/L	10.0	8.3	1	03/01/11 17:00	03/07/11 17:19	143-50-0	
Methapyrilene	ND	ug/L	50.0	5.8	1	03/01/11 17:00	03/07/11 17:19	91-80-5	
3-Methylcholanthrene	ND	ug/L	10.0	2.6	1	03/01/11 17:00	03/07/11 17:19	56-49-5	
Methyl methanesulfonate	ND	ug/L	5.0	3.7	1	03/01/11 17:00	03/07/11 17:19	66-27-3	
2-Methylnaphthalene	ND	ug/L	10.0	0.28	1	03/01/11 17:00	03/07/11 17:19	91-57-6	
Methyl parathion	ND	ug/L	10.0	4.9	1	03/01/11 17:00	03/07/11 17:19	298-00-0	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1.6	1	03/01/11 17:00	03/07/11 17:19	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	2.0	1	03/01/11 17:00	03/07/11 17:19		
2-Naphthalenamine	ND	ug/L	5.0	3.0	1	03/01/11 17:00	03/07/11 17:19	91-59-8	
Naphthalene	ND	ug/L	10.0	0.34	1	03/01/11 17:00	03/07/11 17:19	91-20-3	
1-Naphthaleneamine	ND	ug/L	5.0	4.1	1	03/01/11 17:00	03/07/11 17:19	134-32-7	
1,4-Naphthoquinone	ND	ug/L	5.0	3.3	1	03/01/11 17:00	03/07/11 17:19	130-15-4	
2-Nitroaniline	ND	ug/L	50.0	2.0	1	03/01/11 17:00	03/07/11 17:19	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	2.0	1	03/01/11 17:00	03/07/11 17:19	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	2.1	1	03/01/11 17:00	03/07/11 17:19	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1.1	1	03/01/11 17:00	03/07/11 17:19	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	0.91	1	03/01/11 17:00	03/07/11 17:19	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	4.1	1	03/01/11 17:00	03/07/11 17:19	100-02-7	
5-Nitro-o-toluidine	ND	ug/L	10.0	5.2	1	03/01/11 17:00	03/07/11 17:19	99-55-8	
N-Nitrosodiethylamine	ND	ug/L	20.0	5.6	1	03/01/11 17:00	03/07/11 17:19	55-18-5	
N-Nitrosodimethylamine	ND	ug/L	10.0	0.91	1	03/01/11 17:00	03/07/11 17:19	62-75-9	
N-Nitroso-di-n-butylamine	ND	ug/L	10.0	7.5	1	03/01/11 17:00	03/07/11 17:19	924-16-3	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	0.99	1	03/01/11 17:00	03/07/11 17:19	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1.0	1	03/01/11 17:00	03/07/11 17:19	86-30-6	
N-Nitrosomethylethylamine	ND	ug/L	10.0	4.7	1	03/01/11 17:00	03/07/11 17:19	10595-95-6	
N-Nitrosopiperidine	ND	ug/L	20.0	5.7	1	03/01/11 17:00	03/07/11 17:19	100-75-4	
N-Nitrosopyrrolidine	ND	ug/L	10.0	6.9	1	03/01/11 17:00	03/07/11 17:19	930-55-2	
O,O,O-Triethylphosphorothioate	ND	ug/L	10.0	5.1	1	03/01/11 17:00	03/07/11 17:19	126-68-1	
Parathion (Ethyl parathion)	ND	ug/L	10.0	5.1	1	03/01/11 17:00	03/07/11 17:19	56-38-2	
Pentachlorobenzene	ND	ug/L	10.0	4.3	1	03/01/11 17:00	03/07/11 17:19	608-93-5	
Pentachloroethane	ND	ug/L	20.0	3.3	1	03/01/11 17:00	03/07/11 17:19	76-01-7	
Pentachloronitrobenzene	ND	ug/L	20.0	4.8	1	03/01/11 17:00	03/07/11 17:19	82-68-8	
Pentachlorophenol	ND	ug/L	25.0	4.6	1	03/01/11 17:00	03/07/11 17:19	87-86-5	
Phenacetin	ND	ug/L	20.0	4.8	1	03/01/11 17:00	03/07/11 17:19	62-44-2	
Phenanthrene	ND	ug/L	10.0	0.22	1	03/01/11 17:00	03/07/11 17:19	85-01-8	
Phenol	ND	ug/L	10.0	1.9	1	03/01/11 17:00	03/07/11 17:19	108-95-2	
p-Phenylenediamine	ND	ug/L	10.0	6.7	1	03/01/11 17:00	03/07/11 17:19	106-50-3	
Phorate	ND	ug/L	10.0	5.4	1	03/01/11 17:00	03/07/11 17:19	298-02-2	
2-Picoline	ND	ug/L	10.0	4.3	1	03/01/11 17:00	03/07/11 17:19	109-06-8	
Pronamide	ND	ug/L	10.0	5.8	1	03/01/11 17:00	03/07/11 17:19	23950-58-5	
Pyrene	ND	ug/L	10.0	0.19	1	03/01/11 17:00	03/07/11 17:19	129-00-0	
Safrole	ND	ug/L	10.0	5.7	1	03/01/11 17:00	03/07/11 17:19	94-59-7	
1,2,4,5-Tetrachlorobenzene	ND	ug/L	10.0	4.0	1	03/01/11 17:00	03/07/11 17:19	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	ug/L	10.0	1.2	1	03/01/11 17:00	03/07/11 17:19	58-90-2	
Thionazin	ND	ug/L	20.0	4.8	1	03/01/11 17:00	03/07/11 17:19	297-97-2	

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205 East Meadow Road - Suite A
Eden, NC 27288
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2225 Riverside Dr.
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ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW15 **Lab ID: 9288391010** Collected: 02/22/11 13:30 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
O-Toluidine	ND	ug/L	10.0	5.7	1	03/01/11 17:00	03/07/11 17:19	95-53-4	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	0.98	1	03/01/11 17:00	03/07/11 17:19	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	10.0	0.92	1	03/01/11 17:00	03/07/11 17:19	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1.3	1	03/01/11 17:00	03/07/11 17:19	88-06-2	
1,3,5-Trinitrobenzene	ND	ug/L	10.0	5.2	1	03/01/11 17:00	03/07/11 17:19	99-35-4	
Nitrobenzene-d5 (S)	60	%	21-110		1	03/01/11 17:00	03/07/11 17:19	4165-60-0	
2-Fluorobiphenyl (S)	60	%	27-110		1	03/01/11 17:00	03/07/11 17:19	321-60-8	
Terphenyl-d14 (S)	81	%	31-107		1	03/01/11 17:00	03/07/11 17:19	1718-51-0	
Phenol-d6 (S)	25	%	10-110		1	03/01/11 17:00	03/07/11 17:19	13127-88-3	
2-Fluorophenol (S)	37	%	12-110		1	03/01/11 17:00	03/07/11 17:19	367-12-4	
2,4,6-Tribromophenol (S)	70	%	27-110		1	03/01/11 17:00	03/07/11 17:19	118-79-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	2.2	1		02/28/11 02:44	67-64-1	
Acetonitrile	ND	ug/L	50.0	2.2	1		02/28/11 02:44	75-05-8	
Acrolein	ND	ug/L	10.0	1.6	1		02/28/11 02:44	107-02-8	
Acrylonitrile	ND	ug/L	10.0	1.9	1		02/28/11 02:44	107-13-1	
Allyl chloride	ND	ug/L	2.0	1.5	1		02/28/11 02:44	107-05-1	
Benzene	**0.42J**	ug/L	1.0	0.25	1		02/28/11 02:44	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		02/28/11 02:44	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		02/28/11 02:44	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		02/28/11 02:44	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		02/28/11 02:44	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		02/28/11 02:44	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		02/28/11 02:44	78-93-3	
Carbon disulfide	**1.2J**	ug/L	2.0	1.2	1		02/28/11 02:44	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		02/28/11 02:44	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		02/28/11 02:44	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		02/28/11 02:44	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		02/28/11 02:44	67-66-3	
Chloromethane	**0.26J**	ug/L	1.0	0.11	1		02/28/11 02:44	74-87-3	
Cyclohexane	ND	ug/L	1.0	0.36	1		02/28/11 02:44	110-82-7	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		02/28/11 02:44	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		02/28/11 02:44	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		02/28/11 02:44	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		02/28/11 02:44	74-95-3	
1,2-Dichlorobenzene	**3.3**	ug/L	1.0	0.30	1		02/28/11 02:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		02/28/11 02:44	541-73-1	
1,4-Dichlorobenzene	**0.80J**	ug/L	1.0	0.33	1		02/28/11 02:44	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1.0	1		02/28/11 02:44	110-57-6	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		02/28/11 02:44	75-71-8	
1,1-Dichloroethane	**1.0**	ug/L	1.0	0.32	1		02/28/11 02:44	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		02/28/11 02:44	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		02/28/11 02:44	75-35-4	
cis-1,2-Dichloroethene	**8.9**	ug/L	1.0	0.19	1		02/28/11 02:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		02/28/11 02:44	156-60-5	

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205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

ANALYTICAL RESULTS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

Sample: 44-03 MW15 **Lab ID: 9288391010** Collected: 02/22/11 13:30 Received: 02/23/11 08:30 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		02/28/11 02:44	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		02/28/11 02:44	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		02/28/11 02:44	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		02/28/11 02:44	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		02/28/11 02:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		02/28/11 02:44	10061-02-6	
Diisopropyl ether	**0.24J**	ug/L	1.0	0.12	1		02/28/11 02:44	108-20-3	
Ethanol	ND	ug/L	200	33.0	1		02/28/11 02:44	64-17-5	
Ethylbenzene	ND	ug/L	1.0	0.30	1		02/28/11 02:44	100-41-4	
2-Hexanone	ND	ug/L	5.0	0.46	1		02/28/11 02:44	591-78-6	
Iodomethane	ND	ug/L	5.0	0.32	1		02/28/11 02:44	74-88-4	
Methylene Chloride	ND	ug/L	1.0	0.97	1		02/28/11 02:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		02/28/11 02:44	108-10-1	
Naphthalene	ND	ug/L	1.0	0.24	1		02/28/11 02:44	91-20-3	
Styrene	ND	ug/L	1.0	0.26	1		02/28/11 02:44	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		02/28/11 02:44	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		02/28/11 02:44	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		02/28/11 02:44	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		02/28/11 02:44	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		02/28/11 02:44	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		02/28/11 02:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		02/28/11 02:44	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		02/28/11 02:44	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		02/28/11 02:44	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		02/28/11 02:44	96-18-4	
1,2,3-Trimethylbenzene	ND	ug/L	1.0	0.090	1		02/28/11 02:44	526-73-8	
Vinyl acetate	ND	ug/L	2.0	0.35	1		02/28/11 02:44	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		02/28/11 02:44	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		02/28/11 02:44	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		02/28/11 02:44	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		02/28/11 02:44	95-47-6	
4-Bromofluorobenzene (S)	98	%	70-130		1		02/28/11 02:44	460-00-4	
Dibromofluoromethane (S)	121	%	70-130		1		02/28/11 02:44	1868-53-7	
1,2-Dichloroethane-d4 (S)	122	%	70-130		1		02/28/11 02:44	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		02/28/11 02:44	2037-26-5	
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D								
Sulfide	ND	mg/L	0.10	0.10	1		02/24/11 17:00	18496-25-8	
4500CNE Cyanide, Total	Analytical Method: SM 4500-CN-E								
Cyanide	**0.0086**	mg/L	0.0050	0.0050	1		03/04/11 13:11	57-12-5	

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Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

QUALITY CONTROL DATA

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

QC Batch: GCSV/4218 | Analysis Method: EPA 8081
QC Batch Method: EPA 8081 | Analysis Description: 8081 GCS Pesticides
Associated Lab Samples: 9288391001, 9288391002, 9288391003, 9288391004, 9288391005, 9288391006, 9288391007, 9288391008, 9288391009, 9288391010

METHOD BLANK: 176087 | Matrix: Water
Associated Lab Samples: 9288391001, 9288391002, 9288391003, 9288391004, 9288391005, 9288391006, 9288391007, 9288391008, 9288391009, 9288391010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
4,4'-DDD	ug/L	ND	0.010	03/01/11 12:16	
4,4'-DDE	ug/L	ND	0.010	03/01/11 12:16	
4,4'-DDT	ug/L	ND	0.010	03/01/11 12:16	
Aldrin	ug/L	ND	0.010	03/01/11 12:16	
alpha-BHC	ug/L	ND	0.010	03/01/11 12:16	
beta-BHC	ug/L	ND	0.010	03/01/11 12:16	
Chlordane (Technical)	ug/L	ND	0.50	03/01/11 12:16	
delta-BHC	ug/L	ND	0.010	03/01/11 12:16	
Dieldrin	ug/L	ND	0.010	03/01/11 12:16	
Endosulfan I	ug/L	ND	0.010	03/01/11 12:16	
Endosulfan II	ug/L	ND	0.010	03/01/11 12:16	
Endosulfan sulfate	ug/L	ND	0.010	03/01/11 12:16	
Endrin	ug/L	ND	0.010	03/01/11 12:16	
Endrin aldehyde	ug/L	ND	0.010	03/01/11 12:16	
gamma-BHC (Lindane)	ug/L	ND	0.010	03/01/11 12:16	
Heptachlor	ug/L	ND	0.010	03/01/11 12:16	
Heptachlor epoxide	ug/L	ND	0.010	03/01/11 12:16	
Methoxychlor	ug/L	ND	0.010	03/01/11 12:16	
Toxaphene	ug/L	ND	0.50	03/01/11 12:16	
Decachlorobiphenyl (S)	%	97	41.7-109.1	03/01/11 12:16	
Tetrachloro-m-xylene (S)	%	83	66.5-120.3	03/01/11 12:16	

LABORATORY CONTROL SAMPLE: 176088

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4,4'-DDD	ug/L	.5	0.48	95	74-122	
4,4'-DDE	ug/L	.5	0.46	92	74-117	
4,4'-DDT	ug/L	.5	0.54	107	81-117	
Aldrin	ug/L	.5	0.44	88	56-112	
alpha-BHC	ug/L	.5	0.44	87	66-110	
beta-BHC	ug/L	.5	0.53	106	77-121	
delta-BHC	ug/L	.5	0.41	81	46-108	
Dieldrin	ug/L	.5	0.49	98	76-122	
Endosulfan I	ug/L	.5	0.48	96	75-122	
Endosulfan II	ug/L	.5	0.50	100	75-126	
Endosulfan sulfate	ug/L	.5	0.45	90	74-118	
Endrin	ug/L	.5	0.49	99	71-122	
Endrin aldehyde	ug/L	.5	0.48	97	76-122	
gamma-BHC (Lindane)	ug/L	.5	0.48	95	64-119	
Heptachlor	ug/L	.5	0.45	91	64-116	

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Eden, NC 27288
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Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

QUALITY CONTROL DATA

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

LABORATORY CONTROL SAMPLE: 176088

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Heptachlor epoxide	ug/L	.5	0.48	95	76-120	
Methoxychlor	ug/L	.5	0.54	107	76-129	
Decachlorobiphenyl (S)	%			101	41.7-109.1	
Tetrachloro-m-xylene (S)	%			88	66.5-120.3	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 176106 176107

Parameter	Units	3526935009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
4,4'-DDD	ug/L	0.0018 U	1	1	0.94	0.90	94	90	74-122	4	40	
4,4'-DDE	ug/L	0.00085 U	1	1	0.48	1.1	48	107	74-117			M1
4,4'-DDT	ug/L	0.0034 U	1	1	0.44	0.34	44	34	81-117	25	40	M1
Aldrin	ug/L	0.00047 U	1	1	0.73	0.74	73	74	46-112			
alpha-BHC	ug/L	0.068	1	1	1.1	1.1	107	102	66-110	4	40	
beta-BHC	ug/L	0.00047 U	1	1	0.71	0.67	71	67	77-121			M1
delta-BHC	ug/L	0.00038 U	1	1	1.5	1.5	153	148	46-108	3	40	M1
Dieldrin	ug/L	0.00047 U	1	1	0.90	0.85	90	85	76-122	5	40	
Endosulfan I	ug/L	0.00066 U	1	1	0.52	1.0	52	100	75-122			M1
Endosulfan II	ug/L	0.00066 U	1	1	0.81	0.81	81	81	75-126	.4	40	
Endosulfan sulfate	ug/L	0.00057 U	1	1	1.1	1.1	113	108	74-118	5	40	
Endrin	ug/L	0.029	1	1	0.96	0.92	93	89	71-122	5	40	
Endrin aldehyde	ug/L	0.0067 U	1	1	0.37	0.37	37	37	76-122	2	40	M1
gamma-BHC (Lindane)	ug/L	0.11	1	1	0.89	0.75	78	64	64-119	17	40	
Heptachlor	ug/L	0.0014 U	1	1	0.73	0.33	73	33	64-116	74	40	D6,M1
Heptachlor epoxide	ug/L	0.00038 U	1	1	1.0	1.0	101	102	76-120			
Methoxychlor	ug/L	0.0066 U	1	1	0.43	0.36	43	36	76-129	17	40	M1
Decachlorobiphenyl (S)	%						80	72	41.7-109			
Tetrachloro-m-xylene (S)	%						113	70	66.5-120			

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2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

QUALITY CONTROL DATA

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

QC Batch: OEXT/12773 Analysis Method: EPA 8082
QC Batch Method: EPA 3535 Analysis Description: 8082 GCS PCB
Associated Lab Samples: 9288391001, 9288391002, 9288391003, 9288391004, 9288391005, 9288391006, 9288391007, 9288391008, 9288391009

METHOD BLANK: 568867 Matrix: Water
Associated Lab Samples: 9288391001, 9288391002, 9288391003, 9288391004, 9288391005, 9288391006, 9288391007, 9288391008, 9288391009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	ND	0.50	03/01/11 06:26	
PCB-1221 (Aroclor 1221)	ug/L	ND	0.50	03/01/11 06:26	
PCB-1232 (Aroclor 1232)	ug/L	ND	0.50	03/01/11 06:26	
PCB-1242 (Aroclor 1242)	ug/L	ND	0.50	03/01/11 06:26	
PCB-1248 (Aroclor 1248)	ug/L	ND	0.50	03/01/11 06:26	
PCB-1254 (Aroclor 1254)	ug/L	ND	0.50	03/01/11 06:26	
PCB-1260 (Aroclor 1260)	ug/L	ND	0.50	03/01/11 06:26	
Decachlorobiphenyl (S)	%	74	10-132	03/01/11 06:26	

LABORATORY CONTROL SAMPLE: 568868

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	5	3.7	74	38-113	
PCB-1260 (Aroclor 1260)	ug/L	5	3.4	67	35-120	
Decachlorobiphenyl (S)	%			80	10-132	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 568869 568870

Parameter	Units	9288177006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
PCB-1016 (Aroclor 1016)	ug/L	ND	11.1	11.1	7.0	6.6	63	60	19-142	5	30	
PCB-1260 (Aroclor 1260)	ug/L	ND	11.1	11.1	6.9	7.2	62	65	19-142	5	30	
Decachlorobiphenyl (S)	%						62	70	10-132			

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Eden, NC 27288
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2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

QUALITY CONTROL DATA

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

QC Batch: OEXT/12869
QC Batch Method: EPA 3535
Analysis Method: EPA 8082
Analysis Description: 8082 GCS PCB
Associated Lab Samples: 9288391010

METHOD BLANK: 573821
Matrix: Water
Associated Lab Samples: 9288391010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	ND	0.50	03/08/11 01:39	
PCB-1221 (Aroclor 1221)	ug/L	ND	0.50	03/08/11 01:39	
PCB-1232 (Aroclor 1232)	ug/L	ND	0.50	03/08/11 01:39	
PCB-1242 (Aroclor 1242)	ug/L	ND	0.50	03/08/11 01:39	
PCB-1248 (Aroclor 1248)	ug/L	ND	0.50	03/08/11 01:39	
PCB-1254 (Aroclor 1254)	ug/L	ND	0.50	03/08/11 01:39	
PCB-1260 (Aroclor 1260)	ug/L	ND	0.50	03/08/11 01:39	
Decachlorobiphenyl (S)	%	91	10-132	03/08/11 01:39	

LABORATORY CONTROL SAMPLE: 573822

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	5	4.0	79	38-113	
PCB-1260 (Aroclor 1260)	ug/L	5	4.0	80	35-120	
Decachlorobiphenyl (S)	%			95	10-132	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 573823 573824

Parameter	Units	9288508002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
PCB-1016 (Aroclor 1016)	ug/L	ND	10	10	9.1	9.0	91	90	19-142	1	30	
PCB-1260 (Aroclor 1260)	ug/L	ND	10	10	8.5	8.8	85	88	19-142	3	30	
Decachlorobiphenyl (S)	%						95	94	10-132			

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(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

QUALITY CONTROL DATA

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

QC Batch: GCSV/4212 — Analysis Method: EPA 8151
QC Batch Method: EPA 8151 — Analysis Description: 8151A GCS Herbicides
Associated Lab Samples: 9288391001, 9288391002, 9288391003, 9288391004, 9288391005, 9288391006, 9288391007, 9288391008, 9288391009, 9288391010

METHOD BLANK: 176075 — Matrix: Water
Associated Lab Samples: 9288391001, 9288391002, 9288391003, 9288391004, 9288391005, 9288391006, 9288391007, 9288391008, 9288391009, 9288391010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
2,4,5-T	ug/L	ND	2.0	03/02/11 09:40	
2,4,5-TP (Silvex)	ug/L	ND	2.0	03/02/11 09:40	
2,4-D	ug/L	ND	2.0	03/02/11 09:40	
Dinoseb	ug/L	ND	1.0	03/02/11 09:40	
2,4-DCPA (S)	%	78	65.5-125.7	03/02/11 09:40	

LABORATORY CONTROL SAMPLE: 176076

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4,5-T	ug/L	1.2	1.1J	89	66.7-116.7	
2,4,5-TP (Silvex)	ug/L	1.2	1.2J	97	65.6-127.9	
2,4-D	ug/L	6	5.3	89	62-135.6	
Dinoseb	ug/L	1.2	0.95J	79	44-111.8	
2,4-DCPA (S)	%			89	65.5-125.7	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 176516 176517

Parameter	Units	9288391001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
2,4,5-T	ug/L	ND	2.4	2.4	1.9J	2.0J	79	82	66.7-116	4	40	
2,4,5-TP (Silvex)	ug/L	ND	2.4	2.4	2.1J	2.2J	86	90	65.6-127	4	40	
2,4-D	ug/L	ND	12	12	9.7	10.2	81	85	62-135.6	5	40	
Dinoseb	ug/L	ND	2.4	2.4	1.8J	2.2	76	91	44-111.8	18	40	
2,4-DCPA (S)	%						73	82	65.5-125			

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(336)623-8921

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2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

QUALITY CONTROL DATA

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

QC Batch: MPRP/7949 | Analysis Method: EPA 6010
QC Batch Method: EPA 3010 | Analysis Description: 6010 MET NC Groundwater
Associated Lab Samples: 9288391002, 9288391003, 9288391004, 9288391005, 9288391006, 9288391007, 9288391008, 9288391009, 9288391010

METHOD BLANK: 571404 | Matrix: Water
Associated Lab Samples: 9288391002, 9288391003, 9288391004, 9288391005, 9288391006, 9288391007, 9288391008, 9288391009, 9288391010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	ND	5.0	03/04/11 20:03	
Arsenic	ug/L	ND	5.0	03/04/11 20:03	
Barium	ug/L	ND	5.0	03/04/11 20:03	
Beryllium	ug/L	ND	1.0	03/04/11 20:03	
Cadmium	ug/L	ND	1.0	03/04/11 20:03	
Chromium	ug/L	ND	5.0	03/04/11 20:03	
Cobalt	ug/L	ND	5.0	03/04/11 20:03	
Copper	ug/L	ND	5.0	03/04/11 20:03	
Lead	ug/L	ND	5.0	03/04/11 20:03	
Nickel	ug/L	ND	5.0	03/04/11 20:03	
Selenium	ug/L	ND	10.0	03/04/11 20:03	
Silver	ug/L	ND	5.0	03/04/11 20:03	
Thallium	ug/L	ND	5.4	03/04/11 20:03	
Tin	ug/L	2.4J	5.0	03/04/11 20:03	
Vanadium	ug/L	ND	5.0	03/04/11 20:03	
Zinc	ug/L	3.3J	10.0	03/04/11 20:03	

LABORATORY CONTROL SAMPLE: 571405

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	500	492	98	80-120	
Arsenic	ug/L	500	485	97	80-120	
Barium	ug/L	500	504	101	80-120	
Beryllium	ug/L	500	508	102	80-120	
Cadmium	ug/L	500	499	100	80-120	
Chromium	ug/L	500	500	100	80-120	
Cobalt	ug/L	500	505	101	80-120	
Copper	ug/L	500	489	98	80-120	
Lead	ug/L	500	499	100	80-120	
Nickel	ug/L	500	498	100	80-120	
Selenium	ug/L	500	480	96	80-120	
Silver	ug/L	250	254	102	80-120	
Thallium	ug/L	500	482	96	80-120	
Tin	ug/L	500	505	101	80-120	
Vanadium	ug/L	500	493	99	80-120	
Zinc	ug/L	500	497	99	80-120	

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Asheville, NC 28804
(828)254-7176

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

QUALITY CONTROL DATA

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

MATRIX SPIKE SAMPLE: 571406

Parameter	Units	9288391002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	ND	500	484	97	75-125	
Arsenic	ug/L	ND	500	487	97	75-125	
Barium	ug/L	213	500	690	95	75-125	
Beryllium	ug/L	0.19J	500	493	99	75-125	
Cadmium	ug/L	ND	500	482	96	75-125	
Chromium	ug/L	3.7J	500	487	97	75-125	
Cobalt	ug/L	5.4	500	488	97	75-125	
Copper	ug/L	2.4J	500	484	96	75-125	
Lead	ug/L	ND	500	475	95	75-125	
Nickel	ug/L	ND	500	480	96	75-125	
Selenium	ug/L	ND	500	475	95	75-125	
Silver	ug/L	0.11J	250	249	100	75-125	
Thallium	ug/L	4.3J	500	462	92	75-125	
Tin	ug/L	2.4J	500	495	99	75-125	
Vanadium	ug/L	4.3J	500	484	96	75-125	
Zinc	ug/L	19.8	500	492	94	75-125	

SAMPLE DUPLICATE: 571407

Parameter	Units	9288391003 Result	Dup Result	RPD	Max RPD	Qualifiers
Antimony	ug/L	ND	ND		25	
Arsenic	ug/L	ND	ND		25	
Barium	ug/L	72.8	72.6	0	25	
Beryllium	ug/L	ND	ND		25	
Cadmium	ug/L	ND	ND		25	
Chromium	ug/L	6.3	6.2	2	25	
Cobalt	ug/L	ND	ND		25	
Copper	ug/L	2.3J	3.4J		25	
Lead	ug/L	ND	ND		25	
Nickel	ug/L	4.2J	3.4J		25	
Selenium	ug/L	ND	ND		25	
Silver	ug/L	ND	ND		25	
Thallium	ug/L	ND	ND		25	
Tin	ug/L	ND	3.8J		25	
Vanadium	ug/L	5.6	5.4	3	25	
Zinc	ug/L	7.7J	7.8J		25	

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Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

QUALITY CONTROL DATA

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

QC Batch: MPRP/7962
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET NC Groundwater
Associated Lab Samples: 9288391001

METHOD BLANK: 573490
Matrix: Water
Associated Lab Samples: 9288391001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	ND	5.0	03/07/11 12:15	
Arsenic	ug/L	ND	5.0	03/07/11 12:15	
Barium	ug/L	ND	5.0	03/07/11 12:15	
Beryllium	ug/L	ND	1.0	03/07/11 12:15	
Cadmium	ug/L	ND	1.0	03/07/11 12:15	
Chromium	ug/L	ND	5.0	03/07/11 12:15	
Cobalt	ug/L	3.0J	5.0	03/07/11 12:15	
Copper	ug/L	ND	5.0	03/07/11 12:15	
Lead	ug/L	ND	5.0	03/07/11 12:15	
Nickel	ug/L	ND	5.0	03/07/11 12:15	
Selenium	ug/L	ND	10.0	03/07/11 12:15	
Silver	ug/L	ND	5.0	03/07/11 12:15	
Thallium	ug/L	ND	5.4	03/07/11 12:15	
Tin	ug/L	ND	5.0	03/07/11 12:15	
Vanadium	ug/L	ND	5.0	03/07/11 12:15	
Zinc	ug/L	ND	10.0	03/07/11 12:15	

LABORATORY CONTROL SAMPLE: 573491

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	500	480	96	80-120	
Arsenic	ug/L	500	472	94	80-120	
Barium	ug/L	500	488	98	80-120	
Beryllium	ug/L	500	495	99	80-120	
Cadmium	ug/L	500	484	97	80-120	
Chromium	ug/L	500	483	97	80-120	
Cobalt	ug/L	500	490	98	80-120	
Copper	ug/L	500	480	96	80-120	
Lead	ug/L	500	480	96	80-120	
Nickel	ug/L	500	483	97	80-120	
Selenium	ug/L	500	478	96	80-120	
Silver	ug/L	250	241	96	80-120	
Thallium	ug/L	500	471	94	80-120	
Tin	ug/L	500	493	99	80-120	
Vanadium	ug/L	500	476	95	80-120	
Zinc	ug/L	500	485	97	80-120	

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2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

QUALITY CONTROL DATA

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

MATRIX SPIKE SAMPLE: 573492

Parameter	Units	9288548002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	ND	500	462	92	75-125	
Arsenic	ug/L	ND	500	460	92	75-125	
Barium	ug/L	10.8	500	480	94	75-125	
Beryllium	ug/L	ND	500	472	94	75-125	
Cadmium	ug/L	1.5	500	470	94	75-125	
Chromium	ug/L	ND	500	469	93	75-125	
Cobalt	ug/L	ND	500	469	93	75-125	
Copper	ug/L	ND	500	467	93	75-125	
Lead	ug/L	ND	500	456	91	75-125	
Nickel	ug/L	ND	500	466	93	75-125	
Selenium	ug/L	ND	500	463	92	75-125	
Silver	ug/L	ND	250	235	94	75-125	
Thallium	ug/L	ND	500	455	91	75-125	
Tin	ug/L	ND	500	476	95	75-125	
Vanadium	ug/L	ND	500	465	93	75-125	
Zinc	ug/L	20.8	500	493	94	75-125	

SAMPLE DUPLICATE: 573493

Parameter	Units	9288548003 Result	Dup Result	RPD	Max RPD	Qualifiers
Antimony	ug/L	ND	ND		25	
Arsenic	ug/L	ND	ND		25	
Barium	ug/L	359	365	2	25	
Beryllium	ug/L	4.0	4.1	1	25	
Cadmium	ug/L	ND	ND		25	
Chromium	ug/L	ND	1.5J		25	
Cobalt	ug/L	25.6	25.5	0	25	
Copper	ug/L	ND	ND		25	
Lead	ug/L	ND	ND		25	
Nickel	ug/L	7.8	7.8	1	25	
Selenium	ug/L	ND	ND		25	
Silver	ug/L	ND	ND		25	
Thallium	ug/L	ND	ND		25	
Tin	ug/L	ND	3.2J		25	
Vanadium	ug/L	ND	2.3J		25	
Zinc	ug/L	74.1	76.6	3	25	

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

QC Batch: MERP/3321 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 9288391001, 9288391002, 9288391003, 9288391004, 9288391005, 9288391006, 9288391007, 9288391008, 9288391009, 9288391010

METHOD BLANK: 572732 Matrix: Water
Associated Lab Samples: 9288391001, 9288391002, 9288391003, 9288391004, 9288391005, 9288391006, 9288391007, 9288391008, 9288391009, 9288391010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	03/04/11 12:34	

LABORATORY CONTROL SAMPLE: 572733

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2.5	2.6	106	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 572734 572735

Parameter	Units	9288406001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	2.5	2.5	2.4	2.4	96	98	75-125	2	25	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 572736 572737

Parameter	Units	9288459004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	ug/L	ND	2.5	2.5	2.1	2.1	80	81	75-125	0	25	

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(828)254-7176

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9800 Kincey Ave. Suite 100
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QUALITY CONTROL DATA

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

QC Batch: OEXT/12824 Analysis Method: EPA 8270
QC Batch Method: EPA 3510 Analysis Description: 8270 Water MSSV
Associated Lab Samples: 9288391001, 9288391002, 9288391003, 9288391004, 9288391005, 9288391006, 9288391007, 9288391008, 9288391009, 9288391010

METHOD BLANK: 571684 Matrix: Water
Associated Lab Samples: 9288391001, 9288391002, 9288391003, 9288391004, 9288391005, 9288391006, 9288391007, 9288391008, 9288391009, 9288391010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4,5-Tetrachlorobenzene	ug/L	ND	10.0	03/06/11 21:16	
1,2,4-Trichlorobenzene	ug/L	ND	10.0	03/06/11 21:16	
1,2-Dichlorobenzene	ug/L	ND	10.0	03/06/11 21:16	
1,2-Diphenylhydrazine	ug/L	ND	10.0	03/06/11 21:16	
1,3,5-Trinitrobenzene	ug/L	ND	10.0	03/06/11 21:16	
1,3-Dichlorobenzene	ug/L	ND	10.0	03/06/11 21:16	
1,3-Dinitrobenzene	ug/L	ND	20.0	03/06/11 21:16	
1,4-Dichlorobenzene	ug/L	ND	10.0	03/06/11 21:16	
1,4-Dinitrobenzene	ug/L	ND	20.0	03/06/11 21:16	
1,4-Naphthoquinone	ug/L	ND	5.0	03/06/11 21:16	
1-Methylnaphthalene	ug/L	ND	10.0	03/06/11 21:16	
1-Naphthaleneamine	ug/L	ND	5.0	03/06/11 21:16	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	03/06/11 21:16	
2,3,4,6-Tetrachlorophenol	ug/L	ND	10.0	03/06/11 21:16	
2,3-Dibromo-1-propanol phosph	ug/L	ND	75.0	03/06/11 21:16	
2,3-Dichloroaniline	ug/L	ND	10.0	03/06/11 21:16	
2,4,5-Trichlorophenol	ug/L	ND	10.0	03/06/11 21:16	
2,4,6-Trichlorophenol	ug/L	ND	10.0	03/06/11 21:16	
2,4-Dichlorophenol	ug/L	ND	10.0	03/06/11 21:16	
2,4-Dimethylphenol	ug/L	ND	10.0	03/06/11 21:16	
2,4-Dinitrophenol	ug/L	ND	50.0	03/06/11 21:16	
2,4-Dinitrotoluene	ug/L	ND	10.0	03/06/11 21:16	
2,6-Dichlorophenol	ug/L	ND	10.0	03/06/11 21:16	
2,6-Dinitrotoluene	ug/L	ND	10.0	03/06/11 21:16	
2,6-Toluene diisocyanate	ug/L	ND	10.0	03/06/11 21:16	
2-Acetylaminofluorene	ug/L	ND	20.0	03/06/11 21:16	
2-Chloronaphthalene	ug/L	ND	10.0	03/06/11 21:16	
2-Chlorophenol	ug/L	ND	10.0	03/06/11 21:16	
2-Methyl-5-nitroaniline	ug/L	ND	10.0	03/06/11 21:16	
2-Methylnaphthalene	ug/L	ND	10.0	03/06/11 21:16	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	03/06/11 21:16	
2-Naphthalenamine	ug/L	ND	5.0	03/06/11 21:16	
2-Nitroaniline	ug/L	ND	50.0	03/06/11 21:16	
2-Nitrophenol	ug/L	ND	10.0	03/06/11 21:16	
2-Picoline	ug/L	ND	10.0	03/06/11 21:16	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	03/06/11 21:16	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	03/06/11 21:16	
3,3'-Dimethylbenzidine	ug/L	ND	10.0	03/06/11 21:16	
3-Methylcholanthrene	ug/L	ND	10.0	03/06/11 21:16	
3-Nitroaniline	ug/L	ND	50.0	03/06/11 21:16	
4,4'-Methylene-bis(2-chloroani	ug/L	ND	50.0	03/06/11 21:16	

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Asheville, NC 28804
(828)254-7176

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

QUALITY CONTROL DATA

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

METHOD BLANK: 571684 Matrix: Water

Associated Lab Samples: 9288391001, 9288391002, 9288391003, 9288391004, 9288391005, 9288391006, 9288391007, 9288391008, 9288391009, 9288391010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	03/06/11 21:16	
4-Aminobiphenyl	ug/L	ND	10.0	03/06/11 21:16	
4-Bromophenylphenyl ether	ug/L	ND	10.0	03/06/11 21:16	
4-Chloro-3-methylphenol	ug/L	ND	20.0	03/06/11 21:16	
4-Chloroaniline	ug/L	ND	20.0	03/06/11 21:16	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	03/06/11 21:16	
4-Nitroaniline	ug/L	ND	20.0	03/06/11 21:16	
4-Nitrophenol	ug/L	ND	50.0	03/06/11 21:16	
4-Nitroquinoline-n-oxide	ug/L	ND	50.0	03/06/11 21:16	
5-Nitro-o-toluidine	ug/L	ND	10.0	03/06/11 21:16	
7,12-Dimethylbenz(a)anthracene	ug/L	ND	10.0	03/06/11 21:16	
a,a-Dimethylphenylethylamine	ug/L	ND	50.0	03/06/11 21:16	
Acenaphthene	ug/L	ND	10.0	03/06/11 21:16	
Acenaphthylene	ug/L	ND	10.0	03/06/11 21:16	
Acetophenone	ug/L	ND	10.0	03/06/11 21:16	
Aniline	ug/L	ND	10.0	03/06/11 21:16	
Anthracene	ug/L	ND	10.0	03/06/11 21:16	
Aramite	ug/L	ND	100	03/06/11 21:16	
Atrazine	ug/L	ND	20.0	03/06/11 21:16	
Benzal chloride	ug/L	ND	50.0	03/06/11 21:16	
Benzaldehyde	ug/L	ND	20.0	03/06/11 21:16	
Benzidine	ug/L	ND	50.0	03/06/11 21:16	
Benzo(a)anthracene	ug/L	ND	10.0	03/06/11 21:16	
Benzo(a)pyrene	ug/L	ND	10.0	03/06/11 21:16	
Benzo(b)fluoranthene	ug/L	ND	10.0	03/06/11 21:16	
Benzo(g,h,i)perylene	ug/L	ND	10.0	03/06/11 21:16	
Benzo(k)fluoranthene	ug/L	ND	10.0	03/06/11 21:16	
Benzoic Acid	ug/L	ND	50.0	03/06/11 21:16	
Benzophenone	ug/L	ND	10.0	03/06/11 21:16	
Benzyl alcohol	ug/L	ND	20.0	03/06/11 21:16	
Biphenyl (Diphenyl)	ug/L	ND	10.0	03/06/11 21:16	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	03/06/11 21:16	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	03/06/11 21:16	
bis(2-Chloroisopropyl) ether	ug/L	ND	10.0	03/06/11 21:16	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	03/06/11 21:16	
Butylbenzylphthalate	ug/L	ND	10.0	03/06/11 21:16	
Caprolactam	ug/L	ND	10.0	03/06/11 21:16	
Carbazole	ug/L	ND	10.0	03/06/11 21:16	
Chlorobenzilate	ug/L	ND	10.0	03/06/11 21:16	
Chrysene	ug/L	ND	10.0	03/06/11 21:16	
Di-n-butylphthalate	ug/L	ND	10.0	03/06/11 21:16	
Di-n-octylphthalate	ug/L	ND	10.0	03/06/11 21:16	
Diallate	ug/L	ND	10.0	03/06/11 21:16	
Dibenz(a,h)anthracene	ug/L	ND	10.0	03/06/11 21:16	
Dibenzo(a,e)pyrene	ug/L	ND	50.0	03/06/11 21:16	
Dibenzofuran	ug/L	ND	10.0	03/06/11 21:16	

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Eden, NC 27288
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Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

QUALITY CONTROL DATA

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

METHOD BLANK: 571684 Matrix: Water

Associated Lab Samples: 9288391001, 9288391002, 9288391003, 9288391004, 9288391005, 9288391006, 9288391007, 9288391008, 9288391009, 9288391010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diethylphthalate	ug/L	ND	10.0	03/06/11 21:16	
Dimethoate	ug/L	ND	10.0	03/06/11 21:16	
Dimethylphthalate	ug/L	ND	10.0	03/06/11 21:16	
Dinoseb	ug/L	ND	20.0	03/06/11 21:16	
Diphenyl ether (Phenyl ether)	ug/L	ND	20.0	03/06/11 21:16	
Diphenylamine	ug/L	ND	10.0	03/06/11 21:16	
Disulfoton	ug/L	ND	10.0	03/06/11 21:16	
Ethyl methanesulfonate	ug/L	ND	20.0	03/06/11 21:16	
Famphur	ug/L	ND	10.0	03/06/11 21:16	
Fluoranthene	ug/L	ND	10.0	03/06/11 21:16	
Fluorene	ug/L	ND	10.0	03/06/11 21:16	
Hexachloro-1,3-butadiene	ug/L	ND	10.0	03/06/11 21:16	
Hexachlorobenzene	ug/L	ND	10.0	03/06/11 21:16	
Hexachlorocyclopentadiene	ug/L	ND	10.0	03/06/11 21:16	
Hexachloroethane	ug/L	ND	10.0	03/06/11 21:16	
Hexachlorophene	ug/L	ND	100	03/06/11 21:16	
Hexachloropropene	ug/L	ND	10.0	03/06/11 21:16	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	03/06/11 21:16	
Isodrin	ug/L	ND	20.0	03/06/11 21:16	
Isophorone	ug/L	ND	10.0	03/06/11 21:16	
Isosafrole	ug/L	ND	10.0	03/06/11 21:16	
Kepone	ug/L	ND	10.0	03/06/11 21:16	
Methapyrilene	ug/L	ND	50.0	03/06/11 21:16	
Methyl methanesulfonate	ug/L	ND	5.0	03/06/11 21:16	
Methyl parathion	ug/L	ND	10.0	03/06/11 21:16	
n-Decane	ug/L	ND	10.0	03/06/11 21:16	
N-Nitroso-di-n-butylamine	ug/L	ND	10.0	03/06/11 21:16	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	03/06/11 21:16	
N-Nitrosodiethylamine	ug/L	ND	20.0	03/06/11 21:16	
N-Nitrosodimethylamine	ug/L	ND	10.0	03/06/11 21:16	
N-Nitrosodiphenylamine	ug/L	ND	10.0	03/06/11 21:16	
N-Nitrosomethylethylamine	ug/L	ND	10.0	03/06/11 21:16	
N-Nitrosomorpholine	ug/L	ND	10.0	03/06/11 21:16	
N-Nitrosopiperidine	ug/L	ND	20.0	03/06/11 21:16	
N-Nitrosopyrrolidine	ug/L	ND	10.0	03/06/11 21:16	
n-Octadecane	ug/L	ND	10.0	03/06/11 21:16	
Naphthalene	ug/L	ND	10.0	03/06/11 21:16	
Nitrobenzene	ug/L	ND	10.0	03/06/11 21:16	
O,O,O-Triethylphosphorothioate	ug/L	ND	10.0	03/06/11 21:16	
O-Toluidine	ug/L	ND	10.0	03/06/11 21:16	
P-Dimethylaminoazobenzene	ug/L	ND	5.0	03/06/11 21:16	
p-Phenylenediamine	ug/L	ND	10.0	03/06/11 21:16	
Parathion (Ethyl parathion)	ug/L	ND	10.0	03/06/11 21:16	
Pentachlorobenzene	ug/L	ND	10.0	03/06/11 21:16	
Pentachloroethane	ug/L	ND	20.0	03/06/11 21:16	
Pentachloronitrobenzene	ug/L	ND	20.0	03/06/11 21:16	

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Eden, NC 27288
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2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

QUALITY CONTROL DATA

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

METHOD BLANK: 571684 Matrix: Water

Associated Lab Samples: 9288391001, 9288391002, 9288391003, 9288391004, 9288391005, 9288391006, 9288391007, 9288391008, 9288391009, 9288391010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Pentachlorophenol	ug/L	ND	25.0	03/06/11 21:16	
Phenacetin	ug/L	ND	20.0	03/06/11 21:16	
Phenanthrene	ug/L	ND	10.0	03/06/11 21:16	
Phenol	ug/L	ND	10.0	03/06/11 21:16	
Phorate	ug/L	ND	10.0	03/06/11 21:16	
Phthalic anhydride	ug/L	ND	75.0	03/06/11 21:16	
Pronamide	ug/L	ND	10.0	03/06/11 21:16	
Pyrene	ug/L	ND	10.0	03/06/11 21:16	
Pyridine	ug/L	ND	10.0	03/06/11 21:16	
Safrole	ug/L	ND	10.0	03/06/11 21:16	
Sulfotepp (Thiodiphosphoric Ac	ug/L	ND	20.0	03/06/11 21:16	
Terpineol	ug/L	ND	10.0	03/06/11 21:16	
Thionazin	ug/L	ND	20.0	03/06/11 21:16	
2,4,6-Tribromophenol (S)	%	62	27-110	03/06/11 21:16	
2-Fluorobiphenyl (S)	%	61	27-110	03/06/11 21:16	
2-Fluorophenol (S)	%	32	12-110	03/06/11 21:16	
Nitrobenzene-d5 (S)	%	52	21-110	03/06/11 21:16	
Phenol-d6 (S)	%	21	10-110	03/06/11 21:16	
Terphenyl-d14 (S)	%	74	31-107	03/06/11 21:16	

LABORATORY CONTROL SAMPLE: 571685

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4,5-Tetrachlorobenzene	ug/L	50	31.6	63	17-115	
1,2,4-Trichlorobenzene	ug/L	50	20.9	42	10-110	
1,2-Dichlorobenzene	ug/L	50	25.3	51	10-110	
1,2-Diphenylhydrazine	ug/L	50	33.7	67	17-115	
1,3,5-Trinitrobenzene	ug/L	50	35.9	72	17-115	
1,3-Dichlorobenzene	ug/L	50	23.7	47	10-110	
1,3-Dinitrobenzene	ug/L	50	31.6	63	17-115	
1,4-Dichlorobenzene	ug/L	50	24.2	48	10-110	
1,4-Dinitrobenzene	ug/L	50	32.1	64	17-115	
1,4-Naphthoquinone	ug/L	50	27.3	55	17-115	
1-Methylnaphthalene	ug/L	50	23.8	48	21-110	
1-Naphthaleneamine	ug/L	50	28.9	58	17-115	
2,2'-Oxybis(1-chloropropane)	ug/L	50	28.7	57	10-108	
2,3,4,6-Tetrachlorophenol	ug/L	50	57.2	114	17-115	
2,3-Dibromo-1-propanol phosph	ug/L	200	160	80	17-115	
2,3-Dichloroaniline	ug/L	50	40.3	81	17-115	
2,4,5-Trichlorophenol	ug/L	50	30.1	60	23-116	
2,4,6-Trichlorophenol	ug/L	50	31.5	63	21-114	
2,4-Dichlorophenol	ug/L	50	25.0	50	22-120	
2,4-Dimethylphenol	ug/L	50	25.9	52	15-109	
2,4-Dinitrophenol	ug/L	250	61.8	25	10-103	

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Eden, NC 27288
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2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

QUALITY CONTROL DATA

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

LABORATORY CONTROL SAMPLE: 571685

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dinitrotoluene	ug/L	50	30.9	62	24-119	
2,6-Dichlorophenol	ug/L	50	35.9	72	17-115	
2,6-Dinitrotoluene	ug/L	50	32.1	64	25-116	
2,6-Toluene diisocyanate	ug/L	50	40.5	81	17-115	
2-Acetylaminofluorene	ug/L	50	33.4	67	17-115	
2-Chloronaphthalene	ug/L	50	37.0	74	18-110	
2-Chlorophenol	ug/L	50	29.1	58	10-104	
2-Methyl-5-nitroaniline	ug/L		32.9			
2-Methylnaphthalene	ug/L	50	23.1	46	16-110	
2-Methylphenol(o-Cresol)	ug/L	50	26.0	52	13-110	
2-Naphthalenamine	ug/L	50	24.3	49	17-115	
2-Nitroaniline	ug/L	100	64.8	65	20-117	
2-Nitrophenol	ug/L	50	24.3	49	16-108	
2-Picoline	ug/L	50	25.6	51	17-115	
3&4-Methylphenol(m&p Cresol)	ug/L	50	24.1	48	14-110	
3,3'-Dichlorobenzidine	ug/L	250	61.8	25	13-131	
3,3'-Dimethylbenzidine	ug/L	100	45.8	46	17-115	
3-Methylcholanthrene	ug/L	50	33.7	67	17-115	
3-Nitroaniline	ug/L	100	56.8	57	15-117	
4,4'-Methylene-bis(2-chloroani	ug/L	100	60.7	61	17-115	
4,6-Dinitro-2-methylphenol	ug/L	100	53.7	54	13-119	
4-Aminobiphenyl	ug/L	50	29.1	58	17-115	
4-Bromophenylphenyl ether	ug/L	50	29.3	59	23-120	
4-Chloro-3-methylphenol	ug/L	100	50.5	50	21-119	
4-Chloroaniline	ug/L	100	42.6	43	10-122	
4-Chlorophenylphenyl ether	ug/L	50	29.8	60	22-112	
4-Nitroaniline	ug/L	100	60.7	61	14-118	
4-Nitrophenol	ug/L	250	70.8	28	10-110	
4-Nitroquinoline-n-oxide	ug/L	100	57.0	57	17-115	
5-Nitro-o-toluidine	ug/L	50	32.9	66	17-115	
7,12-Dimethylbenz(a)anthracene	ug/L	50	29.2	58	50-150	
a,a-Dimethylphenylethylamine	ug/L	50	26.5J	53	17-115	
Acenaphthene	ug/L	50	33.6	67	20-105	
Acenaphthylene	ug/L	50	32.3	65	23-106	
Acetophenone	ug/L	50	30.1	60	17-115	
Aniline	ug/L	50	25.2	50	10-110	
Anthracene	ug/L	50	32.9	66	25-120	
Aramite	ug/L	100	30.6J	31	17-115	
Atrazine	ug/L	50	50.1	100	17-115	
Benzal chloride	ug/L		31.0J			
Benzaldehyde	ug/L	50	49.3	99	17-115	
Benzidine	ug/L	250	30.2J	12	17-115	L2
Benzo(a)anthracene	ug/L	50	33.4	67	21-128	
Benzo(a)pyrene	ug/L	50	30.1	60	25-116	
Benzo(b)fluoranthene	ug/L	50	33.1	66	23-117	
Benzo(g,h,i)perylene	ug/L	50	34.1	68	17-128	
Benzo(k)fluoranthene	ug/L	50	34.4	69	25-127	
Benzoic Acid	ug/L	250	ND	1	10-110	L2

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Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

QUALITY CONTROL DATA

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

LABORATORY CONTROL SAMPLE: 571685

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzophenone	ug/L	50	33.4	67	17-115	
Benzyl alcohol	ug/L	100	53.0	53	10-101	
Biphenyl (Diphenyl)	ug/L	50	32.2	64	17-115	
bis(2-Chloroethoxy)methane	ug/L	50	31.0	62	19-107	
bis(2-Chloroethyl) ether	ug/L	50	30.2	60	10-108	
bis(2-Chloroisopropyl) ether	ug/L	50	28.7	57	10-108	
bis(2-Ethylhexyl)phthalate	ug/L	50	31.0	62	16-123	
Butylbenzylphthalate	ug/L	50	31.8	64	20-118	
Caprolactam	ug/L	50	8.4J	17	17-115	
Carbazole	ug/L	50	35.0	70	17-115	
Chlorobenzilate	ug/L	50	32.5	65	17-115	
Chrysene	ug/L	50	33.3	67	24-125	
Di-n-butylphthalate	ug/L	50	31.3	63	23-115	
Di-n-octylphthalate	ug/L	50	29.9	60	20-115	
Diallate	ug/L	50	35.6	71	17-115	
Dibenz(a,h)anthracene	ug/L	50	33.9	68	18-131	
Dibenzo(a,e)pyrene	ug/L	50	54.3	109	17-115	
Dibenzofuran	ug/L	50	32.5	65	23-106	
Diethylphthalate	ug/L	50	30.1	60	24-115	
Dimethoate	ug/L	50	36.6	73	17-115	
Dimethylphthalate	ug/L	50	30.0	60	22-113	
Dinoseb	ug/L	50	37.4	75	17-115	
Diphenyl ether (Phenyl ether)	ug/L	50	35.4	71	17-115	
Diphenylamine	ug/L	50	31.3	63	17-115	
Disulfoton	ug/L	50	39.8	80	17-115	
Ethyl methanesulfonate	ug/L	50	34.1	68	17-115	
Famphur	ug/L	100	55.5	55	17-115	
Fluoranthene	ug/L	50	36.7	73	24-125	
Fluorene	ug/L	50	33.5	67	24-114	
Hexachloro-1,3-butadiene	ug/L	50	18.5	37	10-110	
Hexachlorobenzene	ug/L	50	31.6	63	22-127	
Hexachlorocyclopentadiene	ug/L	50	30.5	61	10-110	
Hexachloroethane	ug/L	50	25.3	51	10-110	
Hexachlorophene	ug/L	500	178	36	17-115	
Hexachloropropene	ug/L	50	23.5	47	17-115	
Indeno(1,2,3-cd)pyrene	ug/L	50	33.8	68	18-130	
Isodrin	ug/L	50	36.9	74	17-115	
Isophorone	ug/L	50	26.2	52	23-114	
Isosafrole	ug/L	50	31.7	63	17-115	
Kepone	ug/L	100	63.9	64	17-115	
Methapyrilene	ug/L	50	52.3	105	17-115	
Methyl methanesulfonate	ug/L	50	28.1	56	17-115	
Methyl parathion	ug/L	50	37.5	75	17-115	
n-Decane	ug/L	50	18.6	37	17-115	
N-Nitroso-di-n-butylamine	ug/L	50	27.7	55	17-115	
N-Nitroso-di-n-propylamine	ug/L	50	30.1	60	21-114	
N-Nitrosodiethylamine	ug/L	50	33.1	66	17-115	
N-Nitrosodimethylamine	ug/L	50	20.5	41	10-110	

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Eden, NC 27288
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Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

QUALITY CONTROL DATA

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

LABORATORY CONTROL SAMPLE: 571685

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
N-Nitrosodiphenylamine	ug/L	50	31.3	63	24-123	
N-Nitrosomethylethylamine	ug/L	50	31.5	63	17-115	
N-Nitrosomorpholine	ug/L	50	28.1	56	17-115	
N-Nitrosopiperidine	ug/L	50	31.4	63	17-115	
N-Nitrosopyrrolidine	ug/L	50	26.9	54	17-115	
n-Octadecane	ug/L	50	35.1	70	17-115	
Naphthalene	ug/L	50	24.6	49	14-110	
Nitrobenzene	ug/L	50	25.3	51	16-106	
O,O,O-Triethylphosphorothioate	ug/L	50	31.4	63	17-115	
O-Toluidine	ug/L	50	25.4	51	17-115	
P-Dimethylaminoazobenzene	ug/L	100	34.7	35	17-115	
p-Phenylenediamine	ug/L	50	28.6	57	17-115	
Parathion (Ethyl parathion)	ug/L	50	36.9	74	17-115	
Pentachlorobenzene	ug/L	50	32.0	64	17-115	
Pentachloroethane	ug/L	50	26.3	53	17-115	
Pentachloronitrobenzene	ug/L	50	34.4	69	17-115	
Pentachlorophenol	ug/L	250	58.2	23	10-123	
Phenacetin	ug/L	50	34.1	68	17-115	
Phenanthrene	ug/L	50	33.0	66	25-119	
Phenol	ug/L	50	14.1	28	10-110	
Phorate	ug/L	50	37.5	75	17-115	
Phthalic anhydride	ug/L	50	25.3J	51	17-115	
Pronamide	ug/L	50	41.6	83	17-115	
Pyrene	ug/L	50	30.5	61	22-127	
Pyridine	ug/L	50	19.1	38	17-115	
Safrole	ug/L	50	31.5	63	17-115	
Sulfotepp (Thiodiphosphoric Ac	ug/L	50	39.2	78	17-115	
Terpineol	ug/L	50	34.5	69	17-115	
Thionazin	ug/L	50	31.8	64	17-115	
2,4,6-Tribromophenol (S)	%			64	27-110	
2-Fluorobiphenyl (S)	%			66	27-110	
2-Fluorophenol (S)	%			38	12-110	
Nitrobenzene-d5 (S)	%			51	21-110	
Phenol-d6 (S)	%			25	10-110	
Terphenyl-d14 (S)	%			60	31-107	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 571686 571687

Parameter	Units	9288663012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2,4,5-Tetrachlorobenzene	ug/L	ND	50	50	32.6	35.3	65	71	50-150	8	30	
1,2,4-Trichlorobenzene	ug/L	ND	50	50	22.3	26.3	45	53	10-110	17	30	
1,2-Dichlorobenzene	ug/L	ND	50	50	28.8	32.2	58	64	10-110	11	30	
1,2-Diphenylhydrazine	ug/L	ND	50	50	39.1	37.2	78	74	50-150	5	30	
1,3,5-Trinitrobenzene	ug/L	ND	50	50	43.4	43.6	87	87	50-150	0	30	
1,3-Dichlorobenzene	ug/L	ND	50	50	26.4	30.8	53	62	10-110	15	30	
1,3-Dinitrobenzene	ug/L	ND	50	50	37.3	39.3	75	79	50-150	5	30	

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Eden, NC 27288
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Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

QUALITY CONTROL DATA

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 571686 571687

Parameter	Units	9288663012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,4-Dichlorobenzene	ug/L	4.5J	50	50	29.9	34.4	51	60	10-110	14	30	
1,4-Dinitrobenzene	ug/L	ND	50	50	38.4	40.8	77	82	50-150	6	30	
1,4-Naphthoquinone	ug/L	ND	50	50	36.7	41.6	73	83	50-150	12	30	
1-Methylnaphthalene	ug/L	ND	50	50	28.4	29.5	57	59	14-110	4	30	
1-Naphthaleneamine	ug/L	ND	50	50	26.1	16.9	52	34	50-150	43	30	M0, M1, R1
2,2'-Oxybis(1-chloropropane)	ug/L	ND	50	50	34.0	33.9	68	68	50-150	1	30	
2,3,4,6-Tetrachlorophenol	ug/L	ND	50	50	69.3	75.8	139	152	50-150	9	30	M0,M1
2,3-Dibromo-1-propanol phosph	ug/L	ND	200	200	115	155	57	78	50-150	30	30	
2,3-Dichloroaniline	ug/L	ND	50	50	43.6	50.5	87	101	50-150	15	30	
2,4,5-Trichlorophenol	ug/L	ND	50	50	33.3	35.9	67	72	19-105	7	30	
2,4,6-Trichlorophenol	ug/L	ND	50	50	34.7	37.1	69	74	13-108	7	30	
2,4-Dichlorophenol	ug/L	ND	50	50	28.2	29.5	56	59	29-111	5	30	
2,4-Dimethylphenol	ug/L	ND	50	50	29.5	27.4	59	55	21-103	7	30	
2,4-Dinitrophenol	ug/L	ND	250	250	156	194	62	78	10-109	22	30	
2,4-Dinitrotoluene	ug/L	ND	50	50	37.7	41.9	75	84	27-104	11	30	
2,6-Dichlorophenol	ug/L	ND	50	50	40.5	41.2	81	82	50-150	2	30	
2,6-Dinitrotoluene	ug/L	ND	50	50	37.8	40.7	76	81	28-101	7	30	
2,6-Toluene diisocyanate	ug/L	ND	50	50	46.2	48.3	92	97	50-150	4	30	
2-Acetylaminofluorene	ug/L	ND	50	50	36.4	37.8	73	76	50-150	4	30	
2-Chloronaphthalene	ug/L	ND	50	50	40.3	42.7	81	85	14-102	6	30	
2-Chlorophenol	ug/L	ND	50	50	33.8	33.6	68	67	16-110	1	30	
2-Methyl-5-nitroaniline	ug/L	ND			39.3	43.3				10	30	
2-Methylnaphthalene	ug/L	ND	50	50	27.2	28.6	54	57	13-110	5	30	
2-Methylphenol(o-Cresol)	ug/L	ND	50	50	35.1	30.5	70	61	19-110	14	30	
2-Naphthalenamine	ug/L	ND	50	50	20.4	ND	41	2	50-150		30	M0,M1
2-Nitroaniline	ug/L	ND	100	100	79.1	82.7	79	83	26-103	4	30	
2-Nitrophenol	ug/L	ND	50	50	26.0	27.2	52	54	20-110	4	30	
2-Picoline	ug/L	ND	50	50	26.5	24.2	53	48	50-150	9	30	M0,M1
3&4-Methylphenol(m&p Cresol)	ug/L	ND	50	50	34.6	30.2	69	60	20-110	13	30	
3,3'-Dichlorobenzidine	ug/L	ND	250	250	64.2	59.6	26	24	25-112	7	30	M0,M1
3,3'-Dimethylbenzidine	ug/L	ND	100	100	31.6	ND	32	1	50-150		30	M0,M1
3-Methylcholanthrene	ug/L	ND	50	50	37.2	37.4	74	75	50-150	0	30	
3-Nitroaniline	ug/L	ND	100	100	66.6	72.3	67	72	29-110	8	30	
4,4'-Methylene-bis(2-chloroani	ug/L	ND	100	100	63.2	63.0	63	63	50-150	0	30	
4,6-Dinitro-2-methylphenol	ug/L	ND	100	100	69.0	74.1	69	74	10-117	7	30	
4-Aminobiphenyl	ug/L	ND	50	50	22.9	15.4	46	31	50-150	40	30	M0, M1, R1
4-Bromophenylphenyl ether	ug/L	ND	50	50	31.3	31.5	63	63	20-105	1	30	
4-Chloro-3-methylphenol	ug/L	ND	100	100	65.8	66.3	66	66	22-110	1	30	
4-Chloroaniline	ug/L	ND	100	100	45.0	39.5	45	39	20-100	13	30	
4-Chlorophenylphenyl ether	ug/L	ND	50	50	34.1	35.8	68	72	19-102	5	30	
4-Nitroaniline	ug/L	ND	100	100	73.8	84.1	74	84	29-110	13	30	
4-Nitrophenol	ug/L	ND	250	250	162	190	65	76	10-110	16	30	
4-Nitroquinoline-n-oxide	ug/L	ND	100	100	66.5	82.4	66	82	50-150	21	30	
5-Nitro-o-toluidine	ug/L	ND	50	50	39.3	43.3	79	87	50-150	10	30	

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205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

QUALITY CONTROL DATA

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 571686 571687

Parameter	Units	9288663012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
7,12-Dimethylbenz(a)anthracene	ug/L	ND	50	50	35.1	35.3	70	71	50-150	1	30	
a,a-Dimethylphenylethylamine	ug/L	ND	50	50	35.0J	15.5J	70	31	50-150		30	R1
Acenaphthene	ug/L	ND	50	50	37.9	40.0	76	80	17-100	5	30	
Acenaphthylene	ug/L	ND	50	50	37.0	38.9	74	78	21-100	5	30	
Acetophenone	ug/L	ND	50	50	37.2	34.9	74	70	50-150	6	30	
Aniline	ug/L	ND	50	50	27.9	11.8	56	24	10-110	81	30	R1
Anthracene	ug/L	ND	50	50	36.5	38.0	73	76	24-109	4	30	
Aramite	ug/L	ND	100	100	35.9J	35.2J	36	35	50-150		30	M0,M1
Atrazine	ug/L	ND	50	50	51.6	48.0	103	96	50-150	7	30	
Benzal chloride	ug/L	ND			40.4J	33.3J					30	
Benzaldehyde	ug/L	ND	50	50	53.2	63.3	106	127	50-150	17	30	
Benzidine	ug/L	ND	250	250	15.2J	ND	6	0	50-150		30	M0
Benzo(a)anthracene	ug/L	ND	50	50	37.7	38.8	75	78	22-117	3	30	
Benzo(a)pyrene	ug/L	ND	50	50	33.9	35.5	68	71	23-104	5	30	
Benzo(b)fluoranthene	ug/L	ND	50	50	38.2	38.6	76	77	23-103	1	30	
Benzo(g,h,i)perylene	ug/L	ND	50	50	37.0	39.7	74	79	18-111	7	30	
Benzo(k)fluoranthene	ug/L	ND	50	50	37.3	39.6	75	79	22-113	6	30	
Benzoic Acid	ug/L	ND	250	250	29.3J	97.8	12	39	10-110		30	
Benzophenone	ug/L	ND	50	50	38.7	38.2	77	76	50-150	1	30	
Benzyl alcohol	ug/L	ND	100	100	73.4	66.5	73	66	19-101	10	30	
Biphenyl (Diphenyl)	ug/L				35.6	37.4				5	30	
bis(2-Chloroethoxy)methane	ug/L	ND	50	50	34.6	36.6	69	73	22-110	5	30	
bis(2-Chloroethyl) ether	ug/L	ND	50	50	34.8	36.0	70	72	16-110	3	30	
bis(2-Chloroisopropyl) ether	ug/L	ND	50	50	34.0	33.9	68	68	14-110	1	30	
bis(2-Ethylhexyl)phthalate	ug/L	ND	50	50	36.7	37.2	73	74	23-102	1	30	
Butylbenzylphthalate	ug/L	ND	50	50	37.8	37.8	76	76	25-110	0	30	
Caprolactam	ug/L	ND	50	50	19.0	20.4	38	41	50-150	7	30	M0,M1
Carbazole	ug/L	ND	50	50	38.1	42.4	76	85	50-150	11	30	
Chlorobenzilate	ug/L	ND	50	50	37.3	36.4	75	73	50-150	2	30	
Chrysene	ug/L	ND	50	50	37.2	38.8	74	78	23-115	4	30	
Di-n-butylphthalate	ug/L	ND	50	50	35.9	38.2	72	76	26-110	6	30	
Di-n-octylphthalate	ug/L	ND	50	50	34.8	36.5	70	73	22-110	5	30	
Diallate	ug/L	ND	50	50	41.2	39.6	82	79	50-150	4	30	
Dibenz(a,h)anthracene	ug/L	ND	50	50	37.0	39.1	74	78	21-112	6	30	
Dibenzo(a,e)pyrene	ug/L	ND	50	50	56.0	59.5	112	119	50-150	6	30	
Dibenzofuran	ug/L	2.3J	50	50	37.9	40.0	71	75	19-102	5	30	
Diethylphthalate	ug/L	ND	50	50	36.5	39.3	73	79	29-110	8	30	
Dimethoate	ug/L	ND	50	50	40.0	44.1	80	88	50-150	10	30	
Dimethylphthalate	ug/L	ND	50	50	34.7	36.9	69	74	27-110	6	30	
Dinoseb	ug/L	ND	50	50	43.8	46.1	88	92	50-150	5	30	
Diphenyl ether (Phenyl ether)	ug/L	ND	50	50	39.2	40.3	76	78	50-150	3	30	
Diphenylamine	ug/L	ND	50	50	34.4	34.4	69	69	50-150	0	30	
Disulfoton	ug/L	ND	50	50	47.7	47.3	95	95	50-150	1	30	
Ethyl methanesulfonate	ug/L	ND	50	50	42.2	41.0	84	82	50-150	3	30	
Famphur	ug/L	ND	100	100	51.1	90.8	51	91	50-150	56	30	R1
Fluoranthene	ug/L	ND	50	50	37.7	43.3	75	87	23-112	14	30	

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205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

QUALITY CONTROL DATA

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 571686 571687

Parameter	Units	9288663012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Fluorene	ug/L	ND	50	50	39.3	41.6	79	83	22-104	6	30	
Hexachloro-1,3-butadiene	ug/L	ND	50	50	20.2	25.4	40	51	10-110	23	30	
Hexachlorobenzene	ug/L	ND	50	50	34.5	34.8	69	70	21-116	1	30	
Hexachlorocyclopentadiene	ug/L	ND	50	50	32.4	37.6	65	75	10-110	15	30	
Hexachloroethane	ug/L	ND	50	50	31.0	36.5	62	73	10-110	16	30	
Hexachlorophene	ug/L	ND	500	500	239	247	48	49	50-150	3	30	M0,M1
Hexachloropropene	ug/L	ND	50	50	26.6	32.7	53	65	50-150	21	30	
Indeno(1,2,3-cd)pyrene	ug/L	ND	50	50	36.3	39.4	73	79	20-113	8	30	
Isodrin	ug/L	ND	50	50	41.4	43.5	83	87	50-150	5	30	
Isophorone	ug/L	ND	50	50	31.0	31.7	62	63	50-150	2	30	
Isosafrole	ug/L	ND	50	50	34.0	34.9	68	70	50-150	3	30	
Kepone	ug/L	ND	100	100	78.3	89.2	78	89	50-150	13	30	
Methapyrilene	ug/L	ND	50	50	51.8	33.8J	104	68	50-150		30	
Methyl methanesulfonate	ug/L	ND	50	50	37.2	38.5	74	77	50-150	4	30	
Methyl parathion	ug/L	ND	50	50	42.3	45.9	85	92	50-150	8	30	
n-Decane	ug/L	ND	50	50	22.8	30.1	46	60	50-150	27	30	M0,M1
N-Nitroso-di-n-butylamine	ug/L	ND	50	50	36.4	35.9	73	72	50-150	1	30	
N-Nitroso-di-n-propylamine	ug/L	ND	50	50	39.3	34.8	79	70	21-105	12	30	
N-Nitrosodiethylamine	ug/L	ND	50	50	37.5	38.8	75	78	50-150	4	30	
N-Nitrosodimethylamine	ug/L	ND	50	50	28.3	34.3	57	69	10-110	19	30	
N-Nitrosodiphenylamine	ug/L	ND	50	50	34.4	34.4	69	69	23-107	0	30	
N-Nitrosomethylethylamine	ug/L	ND	50	50	36.3	40.0	73	80	50-150	10	30	
N-Nitrosomorpholine	ug/L	ND	50	50	40.6	34.8	81	70	50-150	15	30	
N-Nitrosopiperidine	ug/L	ND	50	50	36.3	36.8	73	74	50-150	1	30	
N-Nitrosopyrrolidine	ug/L	ND	50	50	37.4	31.5	75	63	50-150	17	30	
n-Octadecane	ug/L	ND	50	50	40.5	37.3	81	75	50-150	8	30	
Naphthalene	ug/L	1.7J	50	50	27.6	30.3	52	57	10-110	9	30	
Nitrobenzene	ug/L	ND	50	50	27.6	30.2	55	60	20-110	9	30	
O,O,O-Triethylphosphorothioate	ug/L	ND	50	50	32.7	35.2	65	70	50-150	7	30	
O-Toluidine	ug/L	ND	50	50	26.5	9.0J	53	18	50-150		30	M0,M1
P-Dimethylaminoazobenzene	ug/L	ND	100	100	40.6	39.0	41	39	50-150	4	30	M0,M1
p-Phenylenediamine	ug/L	ND	50	50	39.7	44.0	79	88	50-150	10	30	
Parathion (Ethyl parathion)	ug/L	ND	50	50	42.0	45.3	84	91	50-150	8	30	
Pentachlorobenzene	ug/L	ND	50	50	34.4	36.7	69	73	50-150	6	30	
Pentachloroethane	ug/L	ND	50	50	28.0	33.2	56	66	50-150	17	30	
Pentachloronitrobenzene	ug/L	ND	50	50	38.9	40.0	78	80	50-150	3	30	
Pentachlorophenol	ug/L	ND	250	250	77.3	81.8	31	33	10-118	6	30	
Phenacetin	ug/L	ND	50	50	40.4	42.2	81	84	50-150	4	30	
Phenanthrene	ug/L	ND	50	50	37.0	38.2	74	76	24-106	3	30	
Phenol	ug/L	ND	50	50	28.0	24.8	56	50	12-110	12	30	
Phorate	ug/L	ND	50	50	45.6	45.7	91	91	50-150	0	30	
Phthalic anhydride	ug/L	ND	50	50	39.1J	41.5J	78	83	50-150		30	
Pronamide	ug/L	ND	50	50	47.3	49.0	95	98	50-150	3	30	
Pyrene	ug/L	ND	50	50	36.8	35.8	74	72	24-114	3	30	
Pyridine	ug/L	ND	50	50	24.5	25.9	49	52	50-150	5	30	M0,M1
Safrole	ug/L	ND	50	50	35.1	36.5	70	73	50-150	4	30	

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Eden, NC 27288
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2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

QUALITY CONTROL DATA

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 571686 571687

Parameter	Units	9288663012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Sulfotepp (Thiodiphosphoric Ac	ug/L	ND	50	50	40.5	41.3	81	83	50-150	2	30	
Terpineol	ug/L	ND	50	50	40.1	40.8	80	82	50-150	2	30	
Thionazin	ug/L	ND	50	50	40.7	43.5	81	87	50-150	7	30	
2,4,6-Tribromophenol (S)	%						70	70	27-110			
2-Fluorobiphenyl (S)	%						67	71	27-110			
2-Fluorophenol (S)	%						53	56	12-110			
Nitrobenzene-d5 (S)	%						54	60	21-110			
Phenol-d6 (S)	%						44	40	10-110			
Terphenyl-d14 (S)	%						71	69	31-107			

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QUALITY CONTROL DATA

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

QC Batch: MSV/14203 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level Landfill
Associated Lab Samples: 9288391001, 9288391002, 9288391003, 9288391004, 9288391005, 9288391006, 9288391007, 9288391008, 9288391009, 9288391010

METHOD BLANK: 570437 Matrix: Water
Associated Lab Samples: 9288391001, 9288391002, 9288391003, 9288391004, 9288391005, 9288391006, 9288391007, 9288391008, 9288391009, 9288391010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	02/27/11 21:15	
1,1,1-Trichloroethane	ug/L	ND	1.0	02/27/11 21:15	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	02/27/11 21:15	
1,1,2-Trichloroethane	ug/L	ND	1.0	02/27/11 21:15	
1,1-Dichloroethane	ug/L	ND	1.0	02/27/11 21:15	
1,1-Dichloroethene	ug/L	ND	1.0	02/27/11 21:15	
1,1-Dichloropropene	ug/L	ND	1.0	02/27/11 21:15	
1,2,3-Trichloropropane	ug/L	ND	1.0	02/27/11 21:15	
1,2,3-Trimethylbenzene	ug/L	ND	1.0	02/27/11 21:15	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	02/27/11 21:15	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	02/27/11 21:15	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	02/27/11 21:15	
1,2-Dichlorobenzene	ug/L	ND	1.0	02/27/11 21:15	
1,2-Dichloroethane	ug/L	ND	1.0	02/27/11 21:15	
1,2-Dichloropropane	ug/L	ND	1.0	02/27/11 21:15	
1,3-Dichlorobenzene	ug/L	ND	1.0	02/27/11 21:15	
1,3-Dichloropropane	ug/L	ND	1.0	02/27/11 21:15	
1,4-Dichlorobenzene	ug/L	ND	1.0	02/27/11 21:15	
2,2-Dichloropropane	ug/L	ND	1.0	02/27/11 21:15	
2-Butanone (MEK)	ug/L	ND	5.0	02/27/11 21:15	
2-Hexanone	ug/L	ND	5.0	02/27/11 21:15	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	02/27/11 21:15	
Acetone	ug/L	ND	25.0	02/27/11 21:15	
Acetonitrile	ug/L	ND	50.0	02/27/11 21:15	
Acrolein	ug/L	ND	10.0	02/27/11 21:15	
Acrylonitrile	ug/L	ND	10.0	02/27/11 21:15	
Allyl chloride	ug/L	ND	2.0	02/27/11 21:15	
Benzene	ug/L	ND	1.0	02/27/11 21:15	
Bromobenzene	ug/L	ND	1.0	02/27/11 21:15	
Bromochloromethane	ug/L	ND	1.0	02/27/11 21:15	
Bromodichloromethane	ug/L	ND	1.0	02/27/11 21:15	
Bromoform	ug/L	ND	1.0	02/27/11 21:15	
Bromomethane	ug/L	ND	2.0	02/27/11 21:15	
Carbon disulfide	ug/L	ND	2.0	02/27/11 21:15	
Carbon tetrachloride	ug/L	ND	1.0	02/27/11 21:15	
Chlorobenzene	ug/L	ND	1.0	02/27/11 21:15	
Chloroethane	ug/L	ND	1.0	02/27/11 21:15	
Chloroform	ug/L	ND	1.0	02/27/11 21:15	
Chloromethane	ug/L	ND	1.0	02/27/11 21:15	
Chloroprene	ug/L	ND	5.0	02/27/11 21:15	
cis-1,2-Dichloroethene	ug/L	ND	1.0	02/27/11 21:15	

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QUALITY CONTROL DATA

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

METHOD BLANK: 570437 Matrix: Water

Associated Lab Samples: 9288391001, 9288391002, 9288391003, 9288391004, 9288391005, 9288391006, 9288391007, 9288391008, 9288391009, 9288391010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/L	ND	1.0	02/27/11 21:15	
Cyclohexane	ug/L	ND	1.0	02/27/11 21:15	
Dibromochloromethane	ug/L	ND	1.0	02/27/11 21:15	
Dibromomethane	ug/L	ND	1.0	02/27/11 21:15	
Dichlorodifluoromethane	ug/L	ND	1.0	02/27/11 21:15	
Diisopropyl ether	ug/L	ND	1.0	02/27/11 21:15	
Ethanol	ug/L	ND	200	02/27/11 21:15	
Ethyl methacrylate	ug/L	ND	1.0	02/27/11 21:15	
Ethylbenzene	ug/L	ND	1.0	02/27/11 21:15	
Iodomethane	ug/L	ND	5.0	02/27/11 21:15	
Isobutanol	ug/L	ND	100	02/27/11 21:15	
m&p-Xylene	ug/L	ND	2.0	02/27/11 21:15	
Methacrylonitrile	ug/L	ND	10.0	02/27/11 21:15	
Methyl methacrylate	ug/L	ND	2.0	02/27/11 21:15	
Methylene Chloride	ug/L	ND	1.0	02/27/11 21:15	
Naphthalene	ug/L	ND	1.0	02/27/11 21:15	
o-Xylene	ug/L	ND	1.0	02/27/11 21:15	
Propionitrile	ug/L	ND	20.0	02/27/11 21:15	
Styrene	ug/L	ND	1.0	02/27/11 21:15	
Tetrachloroethene	ug/L	ND	1.0	02/27/11 21:15	
Toluene	ug/L	ND	1.0	02/27/11 21:15	
trans-1,2-Dichloroethene	ug/L	ND	1.0	02/27/11 21:15	
trans-1,3-Dichloropropene	ug/L	ND	1.0	02/27/11 21:15	
trans-1,4-Dichloro-2-butene	ug/L	ND	1.0	02/27/11 21:15	
Trichloroethene	ug/L	ND	1.0	02/27/11 21:15	
Trichlorofluoromethane	ug/L	ND	1.0	02/27/11 21:15	
Vinyl acetate	ug/L	ND	2.0	02/27/11 21:15	
Vinyl chloride	ug/L	ND	1.0	02/27/11 21:15	
Xylene (Total)	ug/L	ND	2.0	02/27/11 21:15	
1,2-Dichloroethane-d4 (S)	%	117	70-130	02/27/11 21:15	
4-Bromofluorobenzene (S)	%	98	70-130	02/27/11 21:15	
Dibromofluoromethane (S)	%	120	70-130	02/27/11 21:15	
Toluene-d8 (S)	%	96	70-130	02/27/11 21:15	

LABORATORY CONTROL SAMPLE: 570438

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	54.6	109	70-130	
1,1,1-Trichloroethane	ug/L	50	52.0	104	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	54.5	109	70-130	
1,1,2-Trichloroethane	ug/L	50	57.9	116	70-130	
1,1-Dichloroethane	ug/L	50	53.1	106	70-130	
1,1-Dichloroethene	ug/L	50	53.4	107	70-132	
1,1-Dichloropropene	ug/L	50	51.1	102	70-130	

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Eden, NC 27288
(336)623-8921

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2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

QUALITY CONTROL DATA

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

LABORATORY CONTROL SAMPLE: 570438

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichloropropane	ug/L	50	51.8	104	70-130	
1,2,3-Trimethylbenzene	ug/L	50	56.3	113	70-130	
1,2,4-Trichlorobenzene	ug/L	50	50.3	101	70-134	
1,2-Dibromo-3-chloropropane	ug/L	50	55.2	110	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	56.0	112	70-130	
1,2-Dichlorobenzene	ug/L	50	56.3	113	70-130	
1,2-Dichloroethane	ug/L	50	50.9	102	70-130	
1,2-Dichloropropane	ug/L	50	53.9	108	70-130	
1,3-Dichlorobenzene	ug/L	50	56.1	112	70-130	
1,3-Dichloropropane	ug/L	50	57.2	114	70-130	
1,4-Dichlorobenzene	ug/L	50	52.3	105	70-130	
2,2-Dichloropropane	ug/L	50	44.4	89	58-145	
2-Butanone (MEK)	ug/L	100	111	111	70-145	
2-Hexanone	ug/L	100	105	105	70-144	
4-Methyl-2-pentanone (MIBK)	ug/L	100	108	108	70-140	
Acetone	ug/L	100	107	107	50-175	
Acetonitrile	ug/L	500	537	107	70-130	
Acrolein	ug/L	250	261	104	70-130	
Acrylonitrile	ug/L	250	273	109	70-143	
Allyl chloride	ug/L	50	55.9	112	70-130	
Benzene	ug/L	50	53.0	106	70-130	
Bromobenzene	ug/L	50	55.3	111	70-130	
Bromochloromethane	ug/L	50	52.9	106	70-130	
Bromodichloromethane	ug/L	50	54.7	109	70-130	
Bromoform	ug/L	50	57.4	115	70-130	
Bromomethane	ug/L	50	62.7	125	54-130	
Carbon disulfide	ug/L	50	48.9	98	70-131	
Carbon tetrachloride	ug/L	50	52.8	106	70-132	
Chlorobenzene	ug/L	50	52.6	105	70-130	
Chloroethane	ug/L	50	54.2	108	64-134	
Chloroform	ug/L	50	56.7	113	70-130	
Chloromethane	ug/L	50	52.8	106	64-130	
Chloroprene	ug/L	50	53.4	107	70-130	
cis-1,2-Dichloroethene	ug/L	50	51.3	103	70-131	
cis-1,3-Dichloropropene	ug/L	50	50.5	101	70-130	
Cyclohexane	ug/L	50	40.8	82	70-130	
Dibromochloromethane	ug/L	50	55.7	111	70-130	
Dibromomethane	ug/L	50	54.2	108	70-131	
Dichlorodifluoromethane	ug/L	50	50.3	101	56-130	
Diisopropyl ether	ug/L	50	49.5	99	70-130	
Ethanol	ug/L	2000	2400	120	70-130	
Ethyl methacrylate	ug/L	50	54.2	108	70-130	
Ethylbenzene	ug/L	50	56.1	112	70-130	
Iodomethane	ug/L	100	121	121	49-180	
Isobutanol	ug/L	1000	1100	110	70-130	
m&p-Xylene	ug/L	100	118	118	70-130	
Methacrylonitrile	ug/L	500	575	115	70-130	
Methyl methacrylate	ug/L	50	48.4	97	70-130	

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Eden, NC 27288
(336)623-8921

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2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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

QUALITY CONTROL DATA

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

LABORATORY CONTROL SAMPLE: 570438

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Methylene Chloride	ug/L	50	57.2	114	63-130	
Naphthalene	ug/L	50	54.7	109	70-138	
o-Xylene	ug/L	50	55.9	112	70-130	
Propionitrile	ug/L	500	537	107	70-130	
Styrene	ug/L	50	55.3	111	70-130	
Tetrachloroethene	ug/L	50	53.8	108	70-130	
Toluene	ug/L	50	54.3	109	70-130	
trans-1,2-Dichloroethene	ug/L	50	50.5	101	70-130	
trans-1,3-Dichloropropene	ug/L	50	51.2	102	70-132	
trans-1,4-Dichloro-2-butene	ug/L	50	51.1	102	70-141	
Trichloroethene	ug/L	50	55.6	111	70-130	
Trichlorofluoromethane	ug/L	50	61.3	123	62-133	
Vinyl acetate	ug/L	100	105	105	66-157	
Vinyl chloride	ug/L	50	55.6	111	69-130	
Xylene (Total)	ug/L	150	174	116	70-130	
1,2-Dichloroethane-d4 (S)	%			95	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Dibromofluoromethane (S)	%			95	70-130	
Toluene-d8 (S)	%			102	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 570439 570440

Parameter	Units	9288391010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1-Dichloroethene	ug/L	ND	50	50	53.8	56.0	108	112	70-166	4	30	
Benzene	ug/L	0.42J	50	50	56.2	55.4	111	110	70-148	1	30	
Chlorobenzene	ug/L	ND	50	50	53.8	54.7	107	109	70-146	2	30	
Toluene	ug/L	ND	50	50	53.1	53.1	106	106	70-155	0	30	
Trichloroethene	ug/L	ND	50	50	49.9	49.8	100	100	69-151	0	30	
1,2-Dichloroethane-d4 (S)	%						102	106	70-130			
4-Bromofluorobenzene (S)	%						93	94	70-130			
Dibromofluoromethane (S)	%						106	109	70-130			
Toluene-d8 (S)	%						93	91	70-130			

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Eden, NC 27288
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QUALITY CONTROL DATA

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

QC Batch: WET/15500 — Analysis Method: SM 4500-S2D
QC Batch Method: SM 4500-S2D — Analysis Description: 4500S2D Sulfide Water
Associated Lab Samples: 9288391001, 9288391002, 9288391003, 9288391004, 9288391005, 9288391006, 9288391007, 9288391008, 9288391009, 9288391010

METHOD BLANK: 569210 — Matrix: Water
Associated Lab Samples: 9288391001, 9288391002, 9288391003, 9288391004, 9288391005, 9288391006, 9288391007, 9288391008, 9288391009, 9288391010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfide	mg/L	ND	0.10	02/24/11 17:00	

LABORATORY CONTROL SAMPLE: 569211

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	.5	0.52	104	90-110	

MATRIX SPIKE SAMPLE: 569212

Parameter	Units	9288459001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	ND	.5	ND	0	75-125	M3

SAMPLE DUPLICATE: 569213

Parameter	Units	9288459002 Result	Dup Result	RPD	Max RPD	Qualifiers
Sulfide	mg/L	ND	ND		20	

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Asheville, NC 28804
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QUALITY CONTROL DATA

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

QC Batch: WETA/9195 Analysis Method: SM 4500-CN-E
QC Batch Method: SM 4500-CN-E Analysis Description: 4500CNE Cyanide, Total
Associated Lab Samples: 9288391002, 9288391003, 9288391004, 9288391005, 9288391006, 9288391007, 9288391008

METHOD BLANK: 570002 Matrix: Water
Associated Lab Samples: 9288391002, 9288391003, 9288391004, 9288391005, 9288391006, 9288391007, 9288391008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Cyanide	mg/L	ND	0.0050	02/26/11 10:44	

LABORATORY CONTROL SAMPLE: 570003

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cyanide	mg/L	.1	0.12	115	80-120	

MATRIX SPIKE SAMPLE: 570004

Parameter	Units	9288459001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Cyanide	mg/L	0.013	.1	0.12	109	75-125	

MATRIX SPIKE SAMPLE: 570005

Parameter	Units	9288459002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Cyanide	mg/L	0.0088	.1	0.12	114	75-125	

SAMPLE DUPLICATE: 570006

Parameter	Units	9288459004 Result	Dup Result	RPD	Max RPD	Qualifiers
Cyanide	mg/L	0.066	0.057	15	20	

SAMPLE DUPLICATE: 570007

Parameter	Units	9288459005 Result	Dup Result	RPD	Max RPD	Qualifiers
Cyanide	mg/L	0.0088	0.0083	6	20	

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(828)254-7176

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

QC Batch: WETA/9211
QC Batch Method: SM 4500-CN-E
Analysis Method: SM 4500-CN-E
Analysis Description: 4500CNE Cyanide, Total
Associated Lab Samples: 9288391001

METHOD BLANK: 571921
Matrix: Water
Associated Lab Samples: 9288391001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Cyanide	mg/L	ND	0.0050	03/04/11 12:42	

LABORATORY CONTROL SAMPLE: 571922

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cyanide	mg/L	.1	0.11	108	80-120	

MATRIX SPIKE SAMPLE: 571925

Parameter	Units	9288660003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Cyanide	mg/L	0.011	.1	0.13	123	75-125	

SAMPLE DUPLICATE: 571926

Parameter	Units	9288660003 Result	Dup Result	RPD	Max RPD	Qualifiers
Cyanide	mg/L	0.011	0.0077	32	20	D6

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Asheville, NC 28804
(828)254-7176

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

QUALITY CONTROL DATA

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

QC Batch: WETA/9223 | Analysis Method: SM 4500-CN-E
QC Batch Method: SM 4500-CN-E | Analysis Description: 4500CNE Cyanide, Total
Associated Lab Samples: 9288391009, 9288391010

METHOD BLANK: 573005 | Matrix: Water
Associated Lab Samples: 9288391009, 9288391010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Cyanide	mg/L	ND	0.0050	03/04/11 13:07	

LABORATORY CONTROL SAMPLE: 573006

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cyanide	mg/L	.1	0.11	108	80-120	

MATRIX SPIKE SAMPLE: 573009

Parameter	Units	9288391009 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Cyanide	mg/L	0.0067	.1	0.14	132	75-125	M1

SAMPLE DUPLICATE: 573010

Parameter	Units	9288391010 Result	Dup Result	RPD	Max RPD	Qualifiers
Cyanide	mg/L	0.0086	0.0066	26	20	D6

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Asheville, NC 28804
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Pace Analytical Services, Inc.
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QUALIFIERS

Project: FFLF Groundwater J09-1957-14
Pace Project No.: 9288391

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.

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.

Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

LABORATORIES

PASI-A	Pace Analytical Services - Asheville
PASI-C	Pace Analytical Services - Charlotte
PASI-O	Pace Analytical Services - Ormond Beach

ANALYTE QUALIFIERS

D6	The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.
L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
M3	Matrix spike recovery was outside laboratory control limits due to matrix interferences.
R1	RPD value was outside control limits.
S5	Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis).

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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

1451287

Section A Required Client Information:

Company: BLE
Address:
Email To:
Phone: Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: BLE
Copy To:
Purchase Order No.:
Project Name: HAYWOOD Co FRANKLIN FARM LPI
Project Number:

Section C Invoice Information:

Attention:
Company Name:
Address:
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

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

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start DATE	COLLECTED Composite Start TIME	COLLECTED Composite End/Grab DATE	COLLECTED Composite End/Grab TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N): Field pH Top Sound	Semi Vols	CN-	S-	Metals	VOC	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 9288391
1	MW-6					2-22-11	1140		12	6		1	3	2				X	X	X	X	X	X		
2	MW-7					2-22	1620		12	6		1	3	2				X	X	X	X	X	X		
3	MW-8					2-22	1700		12	6		1	3	2				X	X	X	X	X	X		
4	MW-9					2-22	1730		12	6		1	3	2				X	X	X	X	X	X		
5	MW-10					2-22	1745		12	6		1	3	2				X	X	X	X	X	X		
6	MW-11					2-22	1515		12	6		1	3	2				X	X	X	X	X	X		
7	MW-12					2-22	1450		12	6		1	3	2				X	X	X	X	X	X		
8	MW-13					2-22	1215		12	6		1	3	2				X	X	X	X	X	X		
9	MW-14					2-22	1300		12	6		1	3	2				X	X	X	X	X	X		
10	MW-15					2-22	1330		12	6		1	3	2				X	X	X	X	X	X		
11	TVC BLK					2-22			2				2										X		
12	EQUIP BLK					2-22			3			1	2									X	X		

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
		2-22-11	1815	[signature]	2-22-11	1815
	[signature]	2-23-11	830	[signature]	2/23/11	0830

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

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK A. SWANN

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): ~~2-22-11~~ 2-22-11

*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

Sample Condition Upon Receipt

Pace Analytical

Client Name: BLE-Hemwood G. Project # 9288391
FFLF

Where Received: ☐ Huntersville ☑ Asheville ☐ Eden

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#2 -80344039 **Type of Ice:** Wet Blue None ☑ Samples on ice, cooling process has begun

Temp Correction Factor: Add / Subtract 0.5 C

Corrected Cooler Temp.: 2.5 C **Biological Tissue is Frozen:** Yes No

Temp should be above freezing to 6°C

Date and Initials of person examining contents: TMW 2/23/11

				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 [redacted]	☐Yes	☐No	☑N/A	11.
Sample Labels match COC:	☑Yes	☐No	☐N/A	12.
-Includes date/time/ID/Analysis Matrix: WT				
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		Initial when completed
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. From 9288386
Trip Blank Custody Seals Present	☐Yes	☐No	☐N/A	
Pace Trip Blank Lot # (if purchased):_____				

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

SCURF Review: TMW **Date:** 2/24/11 **SRF Review:** TMW **Date:** 2/24/11

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)