Resolve Environmental Services, PLLC

410 East Franklin Street,
Monroe, NC 28112 (704) 289-5881

September 14, 2009

Mr. Mark Poindexter
North Carolina Division of Waste Management
1646 Mail Service Center
Raleigh, North Carolina 27699-1646

RECEIVED SEP 16 2009 SOLID WASTE SECTION

Re: ***Second Semi-Annual 2009 Ground Water Monitoring Event***
Warren County Closed Sanitary Landfill
Warrenton, North Carolina
Resolve Project No 765.11

Dear Mr. Poindexter:

Please find the attached Second Semi-Annual 2009 Ground Water Monitoring Report conducted at the Warren County Closed Sanitary Landfill in August 2009. Please call if you have any questions or require any additional information at (704) 289-5881.

Sincerely,
Resolve Environmental Services, PLLC

Laura Minor

Laura Minor
Operations Manager

Resolve Environmental Services, PLLC

410 East Franklin Street,
Monroe, NC 28112
(704) 289-5881

September 14, 2009

Mr. Marshall Brothers
Warren County Solid Waste Department
559 Baltimore Road
Warrenton, North Carolina 27589

Re: ***Second Semi-Annual 2009 Ground Water Monitoring Event***
Warren County Closed Sanitary Landfill
Warrenton, North Carolina
Resolve Project No 765.11

Dear Mr. Brothers:

Resolve Environmental Services, PLLC (Resolve) respectfully presents the methods and results of the second semi-annual 2009 ground water monitoring event conducted at the Warren County Closed Sanitary Landfill (CSL) located in Warrenton, North Carolina (**Figure 1**). The ground water monitoring activities were conducted in general accordance with North Carolina Department of Environment and Natural Resources (NCDENR), Division of Solid Waste Management guidelines.

Ground water Sampling and Analysis

On August 19, 2009, Resolve personnel collected ground water samples from on-site monitoring wells MW-1A, MW-2, MW-3, and MW-4. Additionally, two surface water samples, designated as SW-2 and SW-3, were collected from a tributary of the Possumquarter Creek that bounds the landfill to the north. The area where previous surface water samples were collected identified as SW-1, was dry and could not be sampled. In addition, the power remains unconnected to the wellhead on the nearby water supply well (WS-1) located on the adjacent residential property to the northwest. Therefore, the well could not be sampled. Sampling locations are provided on **Figure 2**.

Prior to collecting ground water samples from the monitoring wells, water levels were measured in each well from the top of the well casing. Based on the depth to water gauging data, Resolve personnel calculated the volume of standing water in each monitoring well. Subsequent to sampling, each well was purged of at least three well volumes or until bailed dry using a new, disposable Teflon™ bailer. As generated, the purge water was discharged to the ground surface at the respective wellheads. The surface water samples were collected using grab sample techniques. For quality control purposes, one equipment blank was collected prior to the initiation of ground water sampling activities by passing distilled water provided by the laboratory through a clean, Teflon™ bailer. Additionally, one trip blank was provided by the laboratory and accompanied the samples throughout the sampling event. All collected samples were placed directly into laboratory supplied glassware and placed on ice for transport to a North Carolina certified laboratory for analyses.

The collected ground water and surface water samples were analyzed for the presence of Appendix I volatile organic compounds (VOCs) by EPA Method 8260 and Appendix I metals by EPA Methods 6010 and 7470, as required by the NCDENR. The equipment blank and trip blank were analyzed for Appendix I VOCs by EPA Method 8260. The samples were analyzed by Test America of Nashville, Tennessee. Test America is a North Carolina certified laboratory.

During well purging and prior to sample collection, field parameters including temperature, pH, and specific conductance were measured in each monitoring well using calibrated field instrumentation.

The ground water and surface water sample collection, handling and storage were conducted in accordance with accepted protocol, including appropriate chain-of-custody documentation.

Results

Depth-to-water measurements and field parameters are summarized in **Table 1**. The ground water and surface water analytical results are summarized in **Table 2**. A ground water and surface water quality map based upon results of the August 19, 2009 sampling event presented as **Figure 3**. A copy of the laboratory analytical report is attached as **Appendix A**.

Concentrations of benzene (1.52 micrograms per liter or µg/L), 1,4-dichlorobenzene (1.91 µg/L), cis-1,2-dichloroethene (2.27 µg/L) and barium (65.1 µg/L) were detected in the ground water sample collected from MW-1A. Only the concentration of benzene exceeded the North Carolina ground water quality standards (NCGWQS) established in T15A NCAC 2L.0202. The concentrations of 1,4-dichlorobenzene, cis-1,2-dichloroethene and barium were below the NCGWQS.

Concentrations of benzene, chlorobenzene, chloroethane, 1,4-dichlorobenzene, cis-1,2-dichloroethene, diethyl ether, barium, cadmium and cobalt were detected in the ground water sample collected from MW-2 at concentrations of 1.21 µg/L, 1.48 µg/L, 7.50 µg/L, 3.15 µg/L, 6.27 µg/L, 20.4 µg/L, 151 µg/L, 1.40 µg/L and 86.9 µg/L, respectively. Only the concentration of benzene exceeded the NCGWQS. The concentrations of chlorobenzene, 1,4-dichlorobenzene, cis-1,2-dichloroethene, barium and cadmium were below the NCGWQS. Currently, there are no NCGWQS for chloroethane, diethyl ether or cobalt but the concentrations are reportable.

Concentrations of chloroethane, 1,1-dichloroethane, cis-1,2-dichloroethene, diethyl ether, tetrahydrofuran and barium were detected in the ground water sample collected from MW-3 at concentrations of 1.29 µg/L, 1.67 µg/L, 3.46 µg/L, 10.0 µg/L, 26.3 µg/L and 75.7 µg/L, respectively. None of the concentrations exceeded the established NCGWQS. There are no NCGWQS for chloroethane, diethyl ether or tetrahydrofuran but the concentrations are reportable.

Concentrations of barium (113 µg/L), chromium (12.2 µg/L), copper (15.4 µg/L) and nickel (14.7 µg/L) were detected in the ground water sample from MW-4. None of the concentrations exceeded the established NCGWQS. Currently, there is no NCGWQS for copper but the concentration is reportable.

Detectable concentrations of arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, vanadium and zinc were reported in surface water sample SW-2 at concentrations of 13.0 µg/L, 676 µg/L, 4.40 µg/L, 9.50 µg/L, 49.4 µg/L, 103 µg/L, 69.5 µg/L, 79.4 µg/L, 0.314 µg/L, 62.4 µg/L, 182 µg/L and 223 µg/L, respectively. The concentrations of cadmium and lead exceeded the NCGWQS. The concentrations of arsenic, barium, chromium, nickel and lead were below the NCGWQS. There is no current NCGWQS for beryllium, cobalt, copper, mercury or vanadium; however, the concentrations are reportable.

A detectable concentration of barium was reported in surface water sample SW-3 at a concentration of 210 µg/L. The concentration of barium was below the NCGWQS.

No detectable concentrations of VOCs were reported in the samples collected from MW-4, SW-2, SW-3, the trip blank or the equipment blank.

The next semi-annual sampling event will be conducted in February 2010. Please call if you have any questions or require any additional information at (704) 289-5881.

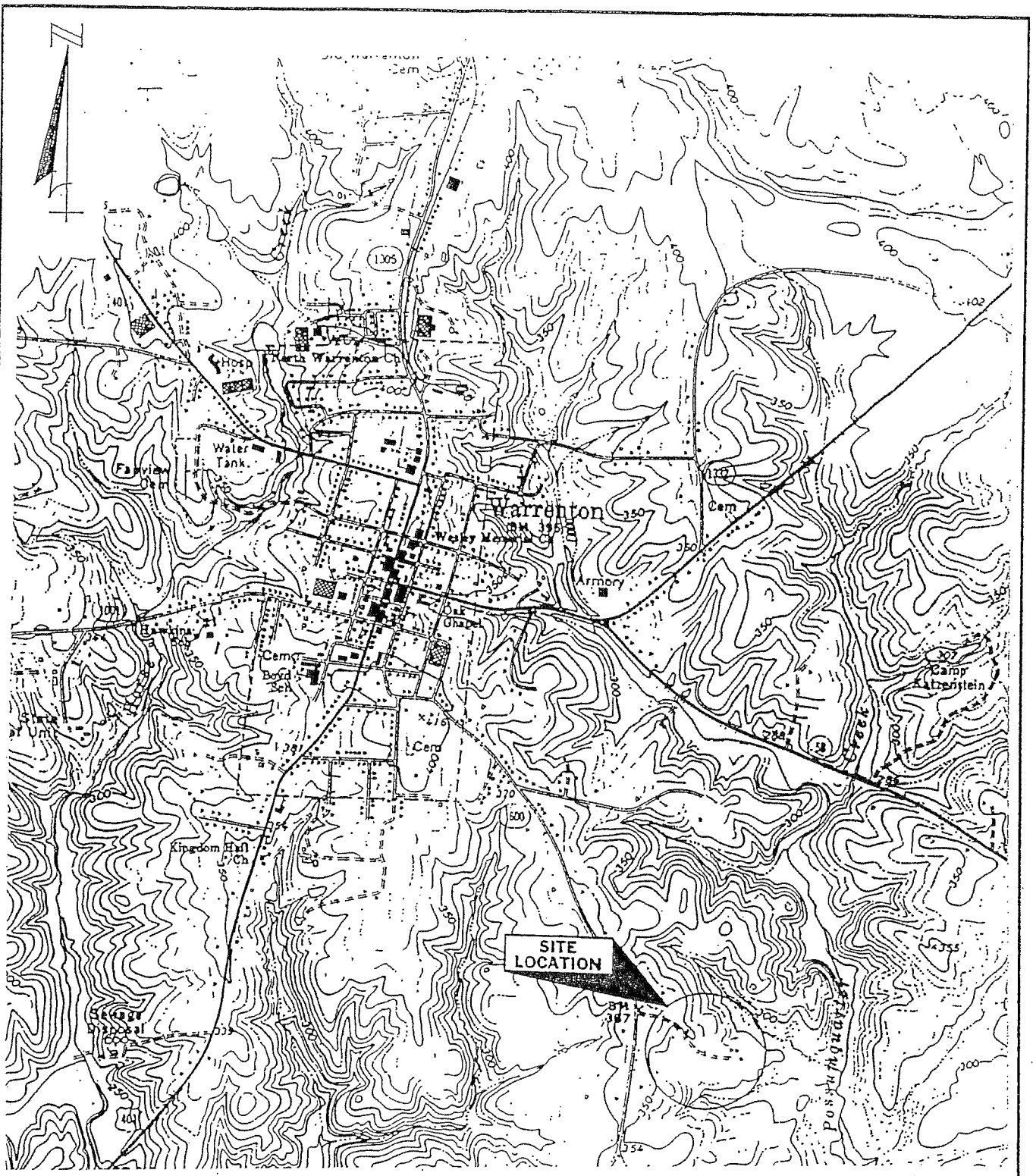
Sincerely,
Resolve Environmental Services, PLLC

Laura Minor
Project Manager

Terry D. Kennedy, P.G.

NORTH CAROLINA LICENSED SEAL 1435 GEOLOGIST TERRY D. KENNEDY

FIGURES



SOURCE: WARRENTON (1970) QUADRANGLE
NORTH CAROLINA–WARREN COUNTY
7.5 MINUTE SERIES (TOPOGRAPHIC)

02/03/06
76510LOC.DWG

WARREN COUNTY LANDFILL WARRENTON, NORTH CAROLINA	FIGURE 1. SITE LOCATION MAP	RESOLVE ENVIRONMENTAL SERVICES, P.A. MONROE, NORTH CAROLINA

TABLES

Table 1
Monitoring Well Gauging and Field Parameter Data
Warren County Closed Sanitary Landfill
Warrenton, North Carolina
August 19, 2009

Sample Location	Total Well Depth (feet)	Depth to Water (feet)	Temperature (C)	pH	Specific Conductance (μmhos)	Volume Purged (gals)
MW-1A	41.93	33.24	16	4.0	0.18	3.25
MW-2	15.75	8.68	16	5.7	0.33	2.25
MW-3	28.83	6.18	15	5.0	0.30	7.00
MW-4	23.07	4.52	14	5.7	0.29	6.25

Notes:

- Gauging and field parameters collected on August 19, 2009 by Resolve personnel.
- All measurements relative to the top of well casing.

Table 2
Summary of Laboratory Analytical Results
Warren County Closed Sanitary Landfill
Warrenton, North Carolina
August 19, 2009

		Ground water Samples (µg/L)				Surface Water Samples (µg/L)				Field Blanks	
Constituents	NCGQS	MW-1A	MW-2	MW-3	MW-4	SW-1	SW-2	SW-3	WS-1	Trip Blank	Equipment Blank
Appendix I VOCs											
Benzene	1	**1.52**	**1.21**	<1.00	<1.00	NA	<1.00	<1.00	NR	<1.00	<1.00
Chlorobenzene	50	<1.00	1.48	<1.00	<1.00	NA	<1.00	<1.00	NR	<1.00	<1.00
Chloroethane	NS	<1.00	**7.50**	**1.29**	<1.00	NA	<1.00	<1.00	NR	<1.00	<1.00
1,4-Dichlorobenzene	75	1.91	3.15	<1.00	<1.00	NA	<1.00	<1.00	NR	<1.00	<1.00
1,1-Dichloroethane	700	<1.00	<1.00	1.67	<1.00	NA	<1.00	<1.00	NR	<1.00	<1.00
cis-1,2-Dichloroethene	70	2.27	6.27	3.46	<1.00	NA	<1.00	<1.00	NR	<1.00	<1.00
Diethyl ether	NS	<5.00	**20.4**	**10.0**	<5.00	NA	<5.00	<5.00	NR	<5.00	<5.00
Tetrahydrofuran	NS	<20.0	<20.0	**26.3**	<20.0	NA	<20.0	<20.0	NR	<20.0	<20.0
Appendix I Metals											
Arsenic	50	<10.0	<10.0	<10.0	<10.0	NA	13.0	<10.0	NR	NR	NR
Antimony	NS	<10.0	<10.0	<10.0	<10.0	NA	<10.0	<10.0	NR	NR	NR
Barium	2,000	65.1	151	75.7	113	NA	676	210	NR	NR	NR
Beryllium	NS	<4.00	<4.00	<4.00	<4.00	NA	**4.40**	<4.00	NR	NR	NR
Cadmium	1.75	<1.00	1.40	<1.00	<1.00	NA	**9.50**	<1.00	NR	NR	NR
Chromium	50	<5.00	<5.00	<5.00	12.2	NA	49.4	<5.00	NR	NR	NR
Cobalt	NS	<20.0	**86.9**	<20.0	<20.0	NA	**103**	<20.0	NR	NR	NR
Copper	NS	<10.0	<10.0	<10.0	**15.4**	NA	**69.5**	<10.0	NR	NR	NR
Lead	15	<5.00	<5.00	<5.00	<5.00	NA	**79.4**	<5.00	NR	NR	NR
Mercury	NS	<0.200	<0.200	<0.200	<0.200	NA	**0.314**	<0.200	NR	NR	NR
Nickel	100	<10.0	<10.0	<10.0	14.7	NA	62.4	<10.0	NR	NR	NR
Selenium	NS	<10.0	<10.0	<10.0	<10.0	NA	<10.0	<10.0	NR	NR	NR
Thallium	NS	<10.0	<10.0	<10.0	<10.0	NA	<10.0	<10.0	NR	NR	NR
Vanadium	NS	<20.0	<20.0	<20.0	<20.0	NA	**182**	<20.0	NR	NR	NR
Zinc	2,100	<50.0	<50.0	<50.0	<50.0	NA	223	<50.0	NR	NR	NR

Notes:

- Results presented in micrograms per liter (µg /L).
- Ground water samples and surface water samples were collected by Resolve personnel on August 19, 2009 and analyzed by Test America of Nashville, Tennessee.
- NCGQS = North Carolina Ground Water Quality Standards presented at North Carolina Administrative Code Title 15A Subchapter 2L .0202.
- NR = Not requested; well could not be sampled or analysis was not requested
- NS = No standard; background levels.
- NA = Not available; no surface water available for sampling.
- Concentrations in boldface exceed the NCGQS.

APPENDIX A

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

September 10, 2009 9:33:29AM

Client: Resolve Environmental (2115)
410 East Franklin Street
Monroe, NC 28112
Attn: Laura Minor

Work Order: NSH1915
Project Name: Warren County Landfill
Project Nbr: [none]
P/O Nbr:
Date Received: 08/21/09

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW-1A	NSH1915-01	08/19/09 13:33
MW-2	NSH1915-02	08/19/09 12:49
MW-3	NSH1915-03	08/19/09 11:31
MW-4	NSH1915-04	08/19/09 10:50
SW-2	NSH1915-05	08/19/09 11:50
SW-3	NSH1915-06	08/19/09 11:00
Equipment Blank	NSH1915-07	08/19/09 10:32
Trip Blank	NSH1915-08	08/19/09 00:01

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

Additional Laboratory Comments:
REVISED REPORT: 09/10/09 KAH - To report additional 8260B analytes Diethyl ether and Tetrahydrofuran not previously reported in our 8260B Appendix 1 analysis. This report replaces the one generated on 09/04/09 @ 14:03.
North Carolina Certification Number: 387

The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.
Estimated uncertainty is available upon request.
This report has been electronically signed.
Report Approved By:

Ken A. Hayes

Senior Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Resolve Environmental (2115)	Work Order:	NSH1915
	410 East Franklin Street	Project Name:	Warren County Landfill
	Monroe, NC 28112	Project Number:	[none]
Attn	Laura Minor	Received:	08/21/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSH1915-01 (MW-1A - Ground Water) Sampled: 08/19/09 13:33								
Total Metals by EPA 6010C								
Antimony	ND		mg/L	0.0100	1	08/27/09 11:53	SW846 6010C	9084297
Arsenic	ND		mg/L	0.0100	1	08/27/09 11:53	SW846 6010C	9084297
Barium	**0.0651**		mg/L	0.0100	1	08/27/09 11:53	SW846 6010C	9084297
Beryllium	ND		mg/L	0.00400	1	08/27/09 11:53	SW846 6010C	9084297
Cadmium	ND		mg/L	0.00100	1	08/27/09 11:53	SW846 6010C	9084297
Chromium	ND		mg/L	0.00500	1	08/27/09 11:53	SW846 6010C	9084297
Cobalt	ND		mg/L	0.0200	1	08/27/09 11:53	SW846 6010C	9084297
Copper	ND		mg/L	0.0100	1	08/27/09 11:53	SW846 6010C	9084297
Lead	ND		mg/L	0.00500	1	08/27/09 11:53	SW846 6010C	9084297
Nickel	ND		mg/L	0.0100	1	08/27/09 11:53	SW846 6010C	9084297
Selenium	ND		mg/L	0.0100	1	08/27/09 11:53	SW846 6010C	9084297
Silver	ND		mg/L	0.00500	1	08/27/09 11:53	SW846 6010C	9084297
Thallium	ND		mg/L	0.0100	1	08/27/09 11:53	SW846 6010C	9084297
Vanadium	ND		mg/L	0.0200	1	08/27/09 11:53	SW846 6010C	9084297
Zinc	ND		mg/L	0.0500	1	08/27/09 11:53	SW846 6010C	9084297
Mercury by EPA Methods 7470A/7471A								
Mercury	ND		mg/L	0.000200	1	08/31/09 15:30	SW846 7470A	9083911
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND	L	ug/L	50.0	1	08/27/09 04:59	SW846 8260B	9084184
Acrylonitrile	ND		ug/L	10.0	1	08/27/09 04:59	SW846 8260B	9084184
Benzene	**1.52**		ug/L	1.00	1	08/27/09 04:59	SW846 8260B	9084184
Bromochloromethane	ND		ug/L	1.00	1	08/27/09 04:59	SW846 8260B	9084184
Bromodichloromethane	ND		ug/L	1.00	1	08/27/09 04:59	SW846 8260B	9084184
Bromoform	ND		ug/L	1.00	1	08/27/09 04:59	SW846 8260B	9084184
Bromomethane	ND		ug/L	1.00	1	08/27/09 04:59	SW846 8260B	9084184
2-Butanone	ND		ug/L	50.0	1	08/27/09 04:59	SW846 8260B	9084184
Carbon disulfide	ND		ug/L	1.00	1	08/27/09 04:59	SW846 8260B	9084184
Carbon Tetrachloride	ND		ug/L	1.00	1	08/27/09 04:59	SW846 8260B	9084184
Chlorobenzene	ND		ug/L	1.00	1	08/27/09 04:59	SW846 8260B	9084184
Chlorodibromomethane	ND		ug/L	1.00	1	08/27/09 04:59	SW846 8260B	9084184
Chloroethane	ND		ug/L	1.00	1	08/27/09 04:59	SW846 8260B	9084184
Chloroform	ND		ug/L	1.00	1	08/27/09 04:59	SW846 8260B	9084184
Chloromethane	ND		ug/L	1.00	1	08/27/09 04:59	SW846 8260B	9084184
Dibromomethane	ND		ug/L	1.00	1	08/27/09 04:59	SW846 8260B	9084184
trans-1,4-Dichloro-2-butene	ND		ug/L	5.00	1	08/27/09 04:59	SW846 8260B	9084184
1,2-Dichlorobenzene	ND		ug/L	1.00	1	08/27/09 04:59	SW846 8260B	9084184
1,4-Dichlorobenzene	**1.91**		ug/L	1.00	1	08/27/09 04:59	SW846 8260B	9084184
1,2-Dichloroethane	ND		ug/L	1.00	1	08/27/09 04:59	SW846 8260B	9084184
1,1-Dichloroethane	ND		ug/L	1.00	1	08/27/09 04:59	SW846 8260B	9084184
1,1-Dichloroethene	ND		ug/L	1.00	1	08/27/09 04:59	SW846 8260B	9084184
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	08/27/09 04:59	SW846 8260B	9084184
cis-1,2-Dichloroethene	**2.27**		ug/L	1.00	1	08/27/09 04:59	SW846 8260B	9084184

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Resolve Environmental (2115)	Work Order:	NSH1915
	410 East Franklin Street	Project Name:	Warren County Landfill
	Monroe, NC 28112	Project Number:	[none]
Attn	Laura Minor	Received:	08/21/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSH1915-01 (MW-1A - Ground Water) - cont. Sampled: 08/19/09 13:33								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2-Dichloropropane	ND		ug/L	1.00	1	08/27/09 04:59	SW846 8260B	9084184
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	08/27/09 04:59	SW846 8260B	9084184
1,1,2-Trifluorotrichloroethane	ND		ug/L	1.00	1	08/27/09 04:59	SW846 8260B	9084184
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	08/27/09 04:59	SW846 8260B	9084184
Diethyl ether	ND		ug/L	5.00	1	08/27/09 04:59	SW846 8260B	9084184
Ethylbenzene	ND		ug/L	1.00	1	08/27/09 04:59	SW846 8260B	9084184
2-Hexanone	ND		ug/L	50.0	1	08/27/09 04:59	SW846 8260B	9084184
Iodomethane	ND		ug/L	10.0	1	08/27/09 04:59	SW846 8260B	9084184
Methylene Chloride	ND		ug/L	5.00	1	08/27/09 04:59	SW846 8260B	9084184
4-Methyl-2-pentanone	ND		ug/L	10.0	1	08/27/09 04:59	SW846 8260B	9084184
Styrene	ND		ug/L	1.00	1	08/27/09 04:59	SW846 8260B	9084184
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	08/27/09 04:59	SW846 8260B	9084184
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	08/27/09 04:59	SW846 8260B	9084184
Tetrachloroethene	ND		ug/L	1.00	1	08/27/09 04:59	SW846 8260B	9084184
Tetrahydrofuran	ND		ug/L	20.0	1	08/27/09 04:59	SW846 8260B	9084184
Toluene	ND		ug/L	1.00	1	08/27/09 04:59	SW846 8260B	9084184
1,1,1-Trichloroethane	ND		ug/L	1.00	1	08/27/09 04:59	SW846 8260B	9084184
1,1,2-Trichloroethane	ND		ug/L	1.00	1	08/27/09 04:59	SW846 8260B	9084184
Trichloroethene	ND		ug/L	1.00	1	08/27/09 04:59	SW846 8260B	9084184
Trichlorofluoromethane	ND		ug/L	1.00	1	08/27/09 04:59	SW846 8260B	9084184
1,2,3-Trichloropropane	ND		ug/L	1.00	1	08/27/09 04:59	SW846 8260B	9084184
Vinyl acetate	ND		ug/L	10.0	1	08/27/09 04:59	SW846 8260B	9084184
Vinyl chloride	ND		ug/L	1.00	1	08/27/09 04:59	SW846 8260B	9084184
Xylenes, total	ND		ug/L	3.00	1	08/27/09 04:59	SW846 8260B	9084184
Surr: 1,2-Dichloroethane-d4 (63-140%)	*102 %*					*08/27/09 04:59*	*SW846 8260B*	*9084184*
Surr: Dibromofluoromethane (73-131%)	*104 %*					*08/27/09 04:59*	*SW846 8260B*	*9084184*
Surr: Toluene-d8 (80-120%)	*96 %*					*08/27/09 04:59*	*SW846 8260B*	*9084184*
Surr: 4-Bromofluorobenzene (79-125%)	*99 %*					*08/27/09 04:59*	*SW846 8260B*	*9084184*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Resolve Environmental (2115)	Work Order:	NSH1915
	410 East Franklin Street	Project Name:	Warren County Landfill
	Monroe, NC 28112	Project Number:	[none]
Attn	Laura Minor	Received:	08/21/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSH1915-02 (MW-2 - Ground Water) Sampled: 08/19/09 12:49								
Total Metals by EPA 6010C								
Antimony	ND		mg/L	0.0100	1	08/27/09 12:13	SW846 6010C	9084297
Arsenic	ND		mg/L	0.0100	1	08/27/09 12:13	SW846 6010C	9084297
Barium	**0.151**		mg/L	0.0100	1	08/27/09 12:13	SW846 6010C	9084297
Beryllium	ND		mg/L	0.00400	1	08/27/09 12:13	SW846 6010C	9084297
Cadmium	**0.00140**		mg/L	0.00100	1	08/27/09 12:13	SW846 6010C	9084297
Chromium	ND		mg/L	0.00500	1	08/27/09 12:13	SW846 6010C	9084297
Cobalt	**0.0869**		mg/L	0.0200	1	08/27/09 12:13	SW846 6010C	9084297
Copper	ND		mg/L	0.0100	1	08/27/09 12:13	SW846 6010C	9084297
Lead	ND		mg/L	0.00500	1	08/27/09 12:13	SW846 6010C	9084297
Nickel	ND		mg/L	0.0100	1	08/27/09 12:13	SW846 6010C	9084297
Selenium	ND		mg/L	0.0100	1	08/27/09 12:13	SW846 6010C	9084297
Silver	ND		mg/L	0.00500	1	08/27/09 12:13	SW846 6010C	9084297
Thallium	ND		mg/L	0.0100	1	08/27/09 12:13	SW846 6010C	9084297
Vanadium	ND		mg/L	0.0200	1	08/27/09 12:13	SW846 6010C	9084297
Zinc	ND		mg/L	0.0500	1	08/27/09 12:13	SW846 6010C	9084297
Mercury by EPA Methods 7470A/7471A								
Mercury	ND		mg/L	0.000200	1	08/31/09 15:32	SW846 7470A	9083911
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND	L	ug/L	50.0	1	08/27/09 05:28	SW846 8260B	9084184
Acrylonitrile	ND		ug/L	10.0	1	08/27/09 05:28	SW846 8260B	9084184
Benzene	**1.21**		ug/L	1.00	1	08/27/09 05:28	SW846 8260B	9084184
Bromochloromethane	ND		ug/L	1.00	1	08/27/09 05:28	SW846 8260B	9084184
Bromodichloromethane	ND		ug/L	1.00	1	08/27/09 05:28	SW846 8260B	9084184
Bromoform	ND		ug/L	1.00	1	08/27/09 05:28	SW846 8260B	9084184
Bromomethane	ND		ug/L	1.00	1	08/27/09 05:28	SW846 8260B	9084184
2-Butanone	ND		ug/L	50.0	1	08/27/09 05:28	SW846 8260B	9084184
Carbon disulfide	**1.20**		ug/L	1.00	1	08/27/09 05:28	SW846 8260B	9084184
Carbon Tetrachloride	ND		ug/L	1.00	1	08/27/09 05:28	SW846 8260B	9084184
Chlorobenzene	**1.48**		ug/L	1.00	1	08/27/09 05:28	SW846 8260B	9084184
Chlorodibromomethane	ND		ug/L	1.00	1	08/27/09 05:28	SW846 8260B	9084184
Chloroethane	**7.50**		ug/L	1.00	1	08/27/09 05:28	SW846 8260B	9084184
Chloroform	ND		ug/L	1.00	1	08/27/09 05:28	SW846 8260B	9084184
Chloromethane	ND		ug/L	1.00	1	08/27/09 05:28	SW846 8260B	9084184
Dibromomethane	ND		ug/L	1.00	1	08/27/09 05:28	SW846 8260B	9084184
trans-1,4-Dichloro-2-butene	ND		ug/L	5.00	1	08/27/09 05:28	SW846 8260B	9084184
1,2-Dichlorobenzene	ND		ug/L	1.00	1	08/27/09 05:28	SW846 8260B	9084184
1,4-Dichlorobenzene	**3.15**		ug/L	1.00	1	08/27/09 05:28	SW846 8260B	9084184
1,2-Dichloroethane	ND		ug/L	1.00	1	08/27/09 05:28	SW846 8260B	9084184
1,1-Dichloroethane	ND		ug/L	1.00	1	08/27/09 05:28	SW846 8260B	9084184
1,1-Dichloroethene	ND		ug/L	1.00	1	08/27/09 05:28	SW846 8260B	9084184
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	08/27/09 05:28	SW846 8260B	9084184
cis-1,2-Dichloroethene	**6.27**		ug/L	1.00	1	08/27/09 05:28	SW846 8260B	9084184

Client	Resolve Environmental (2115)	Work Order:	NSH1915
	410 East Franklin Street	Project Name:	Warren County Landfill
	Monroe, NC 28112	Project Number:	[none]
Attn	Laura Minor	Received:	08/21/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSH1915-02 (MW-2 - Ground Water) - cont. Sampled: 08/19/09 12:49								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2-Dichloropropane	ND		ug/L	1.00	1	08/27/09 05:28	SW846 8260B	9084184
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	08/27/09 05:28	SW846 8260B	9084184
1,1,2-Trifluorotrichloroethane	ND		ug/L	1.00	1	08/27/09 05:28	SW846 8260B	9084184
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	08/27/09 05:28	SW846 8260B	9084184
Diethyl ether	**20.4**		ug/L	5.00	1	08/27/09 05:28	SW846 8260B	9084184
Ethylbenzene	ND		ug/L	1.00	1	08/27/09 05:28	SW846 8260B	9084184
2-Hexanone	ND		ug/L	50.0	1	08/27/09 05:28	SW846 8260B	9084184
Iodomethane	ND		ug/L	10.0	1	08/27/09 05:28	SW846 8260B	9084184
Methylene Chloride	ND		ug/L	5.00	1	08/27/09 05:28	SW846 8260B	9084184
4-Methyl-2-pentanone	ND		ug/L	10.0	1	08/27/09 05:28	SW846 8260B	9084184
Styrene	ND		ug/L	1.00	1	08/27/09 05:28	SW846 8260B	9084184
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	08/27/09 05:28	SW846 8260B	9084184
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	08/27/09 05:28	SW846 8260B	9084184
Tetrachloroethene	ND		ug/L	1.00	1	08/27/09 05:28	SW846 8260B	9084184
Tetrahydrofuran	ND		ug/L	20.0	1	08/27/09 05:28	SW846 8260B	9084184
Toluene	ND		ug/L	1.00	1	08/27/09 05:28	SW846 8260B	9084184
1,1,1-Trichloroethane	ND		ug/L	1.00	1	08/27/09 05:28	SW846 8260B	9084184
1,1,2-Trichloroethane	ND		ug/L	1.00	1	08/27/09 05:28	SW846 8260B	9084184
Trichloroethene	ND		ug/L	1.00	1	08/27/09 05:28	SW846 8260B	9084184
Trichlorofluoromethane	ND		ug/L	1.00	1	08/27/09 05:28	SW846 8260B	9084184
1,2,3-Trichloropropane	ND		ug/L	1.00	1	08/27/09 05:28	SW846 8260B	9084184
Vinyl acetate	ND		ug/L	10.0	1	08/27/09 05:28	SW846 8260B	9084184
Vinyl chloride	ND		ug/L	1.00	1	08/27/09 05:28	SW846 8260B	9084184
Xylenes, total	ND		ug/L	3.00	1	08/27/09 05:28	SW846 8260B	9084184
Surr: 1,2-Dichloroethane-d4 (63-140%)	*104 %*					*08/27/09 05:28*	*SW846 8260B*	*9084184*
Surr: Dibromofluoromethane (73-131%)	*105 %*					*08/27/09 05:28*	*SW846 8260B*	*9084184*
Surr: Toluene-d8 (80-120%)	*97 %*					*08/27/09 05:28*	*SW846 8260B*	*9084184*
Surr: 4-Bromofluorobenzene (79-125%)	*99 %*					*08/27/09 05:28*	*SW846 8260B*	*9084184*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Resolve Environmental (2115)	Work Order:	NSH1915
	410 East Franklin Street	Project Name:	Warren County Landfill
	Monroe, NC 28112	Project Number:	[none]
Attn	Laura Minor	Received:	08/21/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSH1915-03 (MW-3 - Ground Water) Sampled: 08/19/09 11:31								
Total Metals by EPA 6010C								
Antimony	ND		mg/L	0.0100	1	08/27/09 12:16	SW846 6010C	9084297
Arsenic	ND		mg/L	0.0100	1	08/27/09 12:16	SW846 6010C	9084297
Barium	**0.0757**		mg/L	0.0100	1	08/27/09 12:16	SW846 6010C	9084297
Beryllium	ND		mg/L	0.00400	1	08/27/09 12:16	SW846 6010C	9084297
Cadmium	ND		mg/L	0.00100	1	08/27/09 12:16	SW846 6010C	9084297
Chromium	ND		mg/L	0.00500	1	08/27/09 12:16	SW846 6010C	9084297
Cobalt	ND		mg/L	0.0200	1	08/27/09 12:16	SW846 6010C	9084297
Copper	ND		mg/L	0.0100	1	08/27/09 12:16	SW846 6010C	9084297
Lead	ND		mg/L	0.00500	1	08/27/09 12:16	SW846 6010C	9084297
Nickel	ND		mg/L	0.0100	1	08/27/09 12:16	SW846 6010C	9084297
Selenium	ND		mg/L	0.0100	1	08/27/09 12:16	SW846 6010C	9084297
Silver	ND		mg/L	0.00500	1	08/27/09 12:16	SW846 6010C	9084297
Thallium	ND		mg/L	0.0100	1	08/27/09 12:16	SW846 6010C	9084297
Vanadium	ND		mg/L	0.0200	1	08/27/09 12:16	SW846 6010C	9084297
Zinc	ND		mg/L	0.0500	1	08/27/09 12:16	SW846 6010C	9084297
Mercury by EPA Methods 7470A/7471A								
Mercury	ND		mg/L	0.000200	1	08/31/09 15:34	SW846 7470A	9083911
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND	L	ug/L	50.0	1	08/27/09 05:57	SW846 8260B	9084184
Acrylonitrile	ND		ug/L	10.0	1	08/27/09 05:57	SW846 8260B	9084184
Benzene	ND		ug/L	1.00	1	08/27/09 05:57	SW846 8260B	9084184
Bromochloromethane	ND		ug/L	1.00	1	08/27/09 05:57	SW846 8260B	9084184
Bromodichloromethane	ND		ug/L	1.00	1	08/27/09 05:57	SW846 8260B	9084184
Bromoform	ND		ug/L	1.00	1	08/27/09 05:57	SW846 8260B	9084184
Bromomethane	ND		ug/L	1.00	1	08/27/09 05:57	SW846 8260B	9084184
2-Butanone	ND		ug/L	50.0	1	08/27/09 05:57	SW846 8260B	9084184
Carbon disulfide	ND		ug/L	1.00	1	08/27/09 05:57	SW846 8260B	9084184
Carbon Tetrachloride	ND		ug/L	1.00	1	08/27/09 05:57	SW846 8260B	9084184
Chlorobenzene	ND		ug/L	1.00	1	08/27/09 05:57	SW846 8260B	9084184
Chlorodibromomethane	ND		ug/L	1.00	1	08/27/09 05:57	SW846 8260B	9084184
Chloroethane	**1.29**		ug/L	1.00	1	08/27/09 05:57	SW846 8260B	9084184
Chloroform	ND		ug/L	1.00	1	08/27/09 05:57	SW846 8260B	9084184
Chloromethane	ND		ug/L	1.00	1	08/27/09 05:57	SW846 8260B	9084184
Dibromomethane	ND		ug/L	1.00	1	08/27/09 05:57	SW846 8260B	9084184
trans-1,4-Dichloro-2-butene	ND		ug/L	5.00	1	08/27/09 05:57	SW846 8260B	9084184
1,2-Dichlorobenzene	ND		ug/L	1.00	1	08/27/09 05:57	SW846 8260B	9084184
1,4-Dichlorobenzene	ND		ug/L	1.00	1	08/27/09 05:57	SW846 8260B	9084184
1,2-Dichloroethane	ND		ug/L	1.00	1	08/27/09 05:57	SW846 8260B	9084184
1,1-Dichloroethane	**1.67**		ug/L	1.00	1	08/27/09 05:57	SW846 8260B	9084184
1,1-Dichloroethene	ND		ug/L	1.00	1	08/27/09 05:57	SW846 8260B	9084184
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	08/27/09 05:57	SW846 8260B	9084184
cis-1,2-Dichloroethene	**3.46**		ug/L	1.00	1	08/27/09 05:57	SW846 8260B	9084184

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Resolve Environmental (2115)	Work Order:	NSH1915
	410 East Franklin Street	Project Name:	Warren County Landfill
	Monroe, NC 28112	Project Number:	[none]
Attn	Laura Minor	Received:	08/21/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSH1915-03 (MW-3 - Ground Water) - cont. Sampled: 08/19/09 11:31								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2-Dichloropropane	ND		ug/L	1.00	1	08/27/09 05:57	SW846 8260B	9084184
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	08/27/09 05:57	SW846 8260B	9084184
1,1,2-Trifluorotrichloroethane	ND		ug/L	1.00	1	08/27/09 05:57	SW846 8260B	9084184
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	08/27/09 05:57	SW846 8260B	9084184
Diethyl ether	**10.0**		ug/L	5.00	1	08/27/09 05:57	SW846 8260B	9084184
Ethylbenzene	ND		ug/L	1.00	1	08/27/09 05:57	SW846 8260B	9084184
2-Hexanone	ND		ug/L	50.0	1	08/27/09 05:57	SW846 8260B	9084184
Iodomethane	ND		ug/L	10.0	1	08/27/09 05:57	SW846 8260B	9084184
Methylene Chloride	ND		ug/L	5.00	1	08/27/09 05:57	SW846 8260B	9084184
4-Methyl-2-pentanone	ND		ug/L	10.0	1	08/27/09 05:57	SW846 8260B	9084184
Styrene	ND		ug/L	1.00	1	08/27/09 05:57	SW846 8260B	9084184
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	08/27/09 05:57	SW846 8260B	9084184
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	08/27/09 05:57	SW846 8260B	9084184
Tetrachloroethene	ND		ug/L	1.00	1	08/27/09 05:57	SW846 8260B	9084184
Tetrahydrofuran	**26.3**		ug/L	20.0	1	08/27/09 05:57	SW846 8260B	9084184
Toluene	ND		ug/L	1.00	1	08/27/09 05:57	SW846 8260B	9084184
1,1,1-Trichloroethane	ND		ug/L	1.00	1	08/27/09 05:57	SW846 8260B	9084184
1,1,2-Trichloroethane	ND		ug/L	1.00	1	08/27/09 05:57	SW846 8260B	9084184
Trichloroethene	ND		ug/L	1.00	1	08/27/09 05:57	SW846 8260B	9084184
Trichlorofluoromethane	ND		ug/L	1.00	1	08/27/09 05:57	SW846 8260B	9084184
1,2,3-Trichloropropane	ND		ug/L	1.00	1	08/27/09 05:57	SW846 8260B	9084184
Vinyl acetate	ND		ug/L	10.0	1	08/27/09 05:57	SW846 8260B	9084184
Vinyl chloride	ND		ug/L	1.00	1	08/27/09 05:57	SW846 8260B	9084184
Xylenes, total	ND		ug/L	3.00	1	08/27/09 05:57	SW846 8260B	9084184
Surr: 1,2-Dichloroethane-d4 (63-140%)	*106 %*					*08/27/09 05:57*	*SW846 8260B*	*9084184*
Surr: Dibromofluoromethane (73-131%)	*106 %*					*08/27/09 05:57*	*SW846 8260B*	*9084184*
Surr: Toluene-d8 (80-120%)	*97 %*					*08/27/09 05:57*	*SW846 8260B*	*9084184*
Surr: 4-Bromofluorobenzene (79-125%)	*98 %*					*08/27/09 05:57*	*SW846 8260B*	*9084184*

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Resolve Environmental (2115)	Work Order:	NSH1915
	410 East Franklin Street	Project Name:	Warren County Landfill
	Monroe, NC 28112	Project Number:	[none]
Attn	Laura Minor	Received:	08/21/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSH1915-04 (MW-4 - Ground Water) Sampled: 08/19/09 10:50								
Total Metals by EPA 6010C								
Antimony	ND		mg/L	0.0100	1	08/27/09 12:19	SW846 6010C	9084297
Arsenic	ND		mg/L	0.0100	1	08/27/09 12:19	SW846 6010C	9084297
Barium	**0.113**		mg/L	0.0100	1	08/27/09 12:19	SW846 6010C	9084297
Beryllium	ND		mg/L	0.00400	1	08/27/09 12:19	SW846 6010C	9084297
Cadmium	ND		mg/L	0.00100	1	08/27/09 12:19	SW846 6010C	9084297
Chromium	**0.0122**		mg/L	0.00500	1	08/27/09 12:19	SW846 6010C	9084297
Cobalt	ND		mg/L	0.0200	1	08/27/09 12:19	SW846 6010C	9084297
Copper	**0.0154**		mg/L	0.0100	1	08/27/09 12:19	SW846 6010C	9084297
Lead	ND		mg/L	0.00500	1	08/27/09 12:19	SW846 6010C	9084297
Nickel	**0.0147**		mg/L	0.0100	1	08/27/09 12:19	SW846 6010C	9084297
Selenium	ND		mg/L	0.0100	1	08/27/09 12:19	SW846 6010C	9084297
Silver	ND		mg/L	0.00500	1	08/27/09 12:19	SW846 6010C	9084297
Thallium	ND		mg/L	0.0100	1	08/27/09 12:19	SW846 6010C	9084297
Vanadium	ND		mg/L	0.0200	1	08/27/09 12:19	SW846 6010C	9084297
Zinc	ND		mg/L	0.0500	1	08/27/09 12:19	SW846 6010C	9084297
Mercury by EPA Methods 7470A/7471A								
Mercury	ND		mg/L	0.000200	1	08/31/09 15:36	SW846 7470A	9083911
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND	L	ug/L	50.0	1	08/27/09 06:25	SW846 8260B	9084184
Acrylonitrile	ND		ug/L	10.0	1	08/27/09 06:25	SW846 8260B	9084184
Benzene	ND		ug/L	1.00	1	08/27/09 06:25	SW846 8260B	9084184
Bromochloromethane	ND		ug/L	1.00	1	08/27/09 06:25	SW846 8260B	9084184
Bromodichloromethane	ND		ug/L	1.00	1	08/27/09 06:25	SW846 8260B	9084184
Bromoform	ND		ug/L	1.00	1	08/27/09 06:25	SW846 8260B	9084184
Bromomethane	ND		ug/L	1.00	1	08/27/09 06:25	SW846 8260B	9084184
2-Butanone	ND		ug/L	50.0	1	08/27/09 06:25	SW846 8260B	9084184
Carbon disulfide	ND		ug/L	1.00	1	08/27/09 06:25	SW846 8260B	9084184
Carbon Tetrachloride	ND		ug/L	1.00	1	08/27/09 06:25	SW846 8260B	9084184
Chlorobenzene	ND		ug/L	1.00	1	08/27/09 06:25	SW846 8260B	9084184
Chlorodibromomethane	ND		ug/L	1.00	1	08/27/09 06:25	SW846 8260B	9084184
Chloroethane	ND		ug/L	1.00	1	08/27/09 06:25	SW846 8260B	9084184
Chloroform	ND		ug/L	1.00	1	08/27/09 06:25	SW846 8260B	9084184
Chloromethane	ND		ug/L	1.00	1	08/27/09 06:25	SW846 8260B	9084184
Dibromomethane	ND		ug/L	1.00	1	08/27/09 06:25	SW846 8260B	9084184
trans-1,4-Dichloro-2-butene	ND		ug/L	5.00	1	08/27/09 06:25	SW846 8260B	9084184
1,2-Dichlorobenzene	ND		ug/L	1.00	1	08/27/09 06:25	SW846 8260B	9084184
1,4-Dichlorobenzene	ND		ug/L	1.00	1	08/27/09 06:25	SW846 8260B	9084184
1,2-Dichloroethane	ND		ug/L	1.00	1	08/27/09 06:25	SW846 8260B	9084184
1,1-Dichloroethane	ND		ug/L	1.00	1	08/27/09 06:25	SW846 8260B	9084184
1,1-Dichloroethene	ND		ug/L	1.00	1	08/27/09 06:25	SW846 8260B	9084184
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	08/27/09 06:25	SW846 8260B	9084184
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	08/27/09 06:25	SW846 8260B	9084184

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Resolve Environmental (2115)	Work Order:	NSH1915
	410 East Franklin Street	Project Name:	Warren County Landfill
	Monroe, NC 28112	Project Number:	[none]
Attn	Laura Minor	Received:	08/21/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSH1915-04 (MW-4 - Ground Water) - cont. Sampled: 08/19/09 10:50								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2-Dichloropropane	ND		ug/L	1.00	1	08/27/09 06:25	SW846 8260B	9084184
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	08/27/09 06:25	SW846 8260B	9084184
1,1,2-Trifluorotrichloroethane	ND		ug/L	1.00	1	08/27/09 06:25	SW846 8260B	9084184
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	08/27/09 06:25	SW846 8260B	9084184
Diethyl ether	ND		ug/L	5.00	1	08/27/09 06:25	SW846 8260B	9084184
Ethylbenzene	ND		ug/L	1.00	1	08/27/09 06:25	SW846 8260B	9084184
2-Hexanone	ND		ug/L	50.0	1	08/27/09 06:25	SW846 8260B	9084184
Iodomethane	ND		ug/L	10.0	1	08/27/09 06:25	SW846 8260B	9084184
Methylene Chloride	ND		ug/L	5.00	1	08/27/09 06:25	SW846 8260B	9084184
4-Methyl-2-pentanone	ND		ug/L	10.0	1	08/27/09 06:25	SW846 8260B	9084184
Styrene	ND		ug/L	1.00	1	08/27/09 06:25	SW846 8260B	9084184
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	08/27/09 06:25	SW846 8260B	9084184
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	08/27/09 06:25	SW846 8260B	9084184
Tetrachloroethene	ND		ug/L	1.00	1	08/27/09 06:25	SW846 8260B	9084184
Tetrahydrofuran	ND		ug/L	20.0	1	08/27/09 06:25	SW846 8260B	9084184
Toluene	ND		ug/L	1.00	1	08/27/09 06:25	SW846 8260B	9084184
1,1,1-Trichloroethane	ND		ug/L	1.00	1	08/27/09 06:25	SW846 8260B	9084184
1,1,2-Trichloroethane	ND		ug/L	1.00	1	08/27/09 06:25	SW846 8260B	9084184
Trichloroethene	ND		ug/L	1.00	1	08/27/09 06:25	SW846 8260B	9084184
Trichlorofluoromethane	ND		ug/L	1.00	1	08/27/09 06:25	SW846 8260B	9084184
1,2,3-Trichloropropane	ND		ug/L	1.00	1	08/27/09 06:25	SW846 8260B	9084184
Vinyl acetate	ND		ug/L	10.0	1	08/27/09 06:25	SW846 8260B	9084184
Vinyl chloride	ND		ug/L	1.00	1	08/27/09 06:25	SW846 8260B	9084184
Xylenes, total	ND		ug/L	3.00	1	08/27/09 06:25	SW846 8260B	9084184
Surr: 1,2-Dichloroethane-d4 (63-140%)	*107 %*					*08/27/09 06:25*	*SW846 8260B*	*9084184*
Surr: Dibromofluoromethane (73-131%)	*108 %*					*08/27/09 06:25*	*SW846 8260B*	*9084184*
Surr: Toluene-d8 (80-120%)	*98 %*					*08/27/09 06:25*	*SW846 8260B*	*9084184*
Surr: 4-Bromofluorobenzene (79-125%)	*97 %*					*08/27/09 06:25*	*SW846 8260B*	*9084184*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Resolve Environmental (2115)	Work Order:	NSH1915
	410 East Franklin Street	Project Name:	Warren County Landfill
	Monroe, NC 28112	Project Number:	[none]
Attn	Laura Minor	Received:	08/21/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSH1915-05 (SW-2 - Ground Water) Sampled: 08/19/09 11:50								
Total Metals by EPA 6010C								
Antimony	ND		mg/L	0.0100	1	08/27/09 12:23	SW846 6010C	9084297
Arsenic	**0.0130**		mg/L	0.0100	1	08/27/09 12:23	SW846 6010C	9084297
Barium	**0.676**		mg/L	0.0100	1	08/27/09 12:23	SW846 6010C	9084297
Beryllium	**0.00440**		mg/L	0.00400	1	08/27/09 12:23	SW846 6010C	9084297
Cadmium	**0.00950**		mg/L	0.00100	1	08/27/09 12:23	SW846 6010C	9084297
Chromium	**0.0494**		mg/L	0.00500	1	08/27/09 12:23	SW846 6010C	9084297
Cobalt	**0.103**		mg/L	0.0200	1	08/27/09 12:23	SW846 6010C	9084297
Copper	**0.0695**		mg/L	0.0100	1	08/27/09 12:23	SW846 6010C	9084297
Lead	**0.0794**		mg/L	0.00500	1	08/27/09 12:23	SW846 6010C	9084297
Nickel	**0.0624**		mg/L	0.0100	1	08/27/09 12:23	SW846 6010C	9084297
Selenium	ND		mg/L	0.0100	1	08/27/09 12:23	SW846 6010C	9084297
Silver	ND		mg/L	0.00500	1	08/27/09 12:23	SW846 6010C	9084297
Thallium	ND		mg/L	0.0100	1	08/27/09 12:23	SW846 6010C	9084297
Vanadium	**0.182**		mg/L	0.0200	1	08/27/09 12:23	SW846 6010C	9084297
Zinc	**0.223**		mg/L	0.0500	1	08/27/09 12:23	SW846 6010C	9084297
Mercury by EPA Methods 7470A/7471A								
Mercury	**0.000314**		mg/L	0.000200	1	08/31/09 15:38	SW846 7470A	9083911
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND	L	ug/L	50.0	1	08/27/09 06:54	SW846 8260B	9084184
Acrylonitrile	ND		ug/L	10.0	1	08/27/09 06:54	SW846 8260B	9084184
Benzene	ND		ug/L	1.00	1	08/27/09 06:54	SW846 8260B	9084184
Bromochloromethane	ND		ug/L	1.00	1	08/27/09 06:54	SW846 8260B	9084184
Bromodichloromethane	ND		ug/L	1.00	1	08/27/09 06:54	SW846 8260B	9084184
Bromoform	ND		ug/L	1.00	1	08/27/09 06:54	SW846 8260B	9084184
Bromomethane	ND		ug/L	1.00	1	08/27/09 06:54	SW846 8260B	9084184
2-Butanone	ND		ug/L	50.0	1	08/27/09 06:54	SW846 8260B	9084184
Carbon disulfide	ND		ug/L	1.00	1	08/27/09 06:54	SW846 8260B	9084184
Carbon Tetrachloride	ND		ug/L	1.00	1	08/27/09 06:54	SW846 8260B	9084184
Chlorobenzene	ND		ug/L	1.00	1	08/27/09 06:54	SW846 8260B	9084184
Chlorodibromomethane	ND		ug/L	1.00	1	08/27/09 06:54	SW846 8260B	9084184
Chloroethane	ND		ug/L	1.00	1	08/27/09 06:54	SW846 8260B	9084184
Chloroform	ND		ug/L	1.00	1	08/27/09 06:54	SW846 8260B	9084184
Chloromethane	ND		ug/L	1.00	1	08/27/09 06:54	SW846 8260B	9084184
Dibromomethane	ND		ug/L	1.00	1	08/27/09 06:54	SW846 8260B	9084184
trans-1,4-Dichloro-2-butene	ND		ug/L	5.00	1	08/27/09 06:54	SW846 8260B	9084184
1,2-Dichlorobenzene	ND		ug/L	1.00	1	08/27/09 06:54	SW846 8260B	9084184
1,4-Dichlorobenzene	ND		ug/L	1.00	1	08/27/09 06:54	SW846 8260B	9084184
1,2-Dichloroethane	ND		ug/L	1.00	1	08/27/09 06:54	SW846 8260B	9084184
1,1-Dichloroethane	ND		ug/L	1.00	1	08/27/09 06:54	SW846 8260B	9084184
1,1-Dichloroethene	ND		ug/L	1.00	1	08/27/09 06:54	SW846 8260B	9084184
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	08/27/09 06:54	SW846 8260B	9084184
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	08/27/09 06:54	SW846 8260B	9084184

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Resolve Environmental (2115)	Work Order:	NSH1915
	410 East Franklin Street	Project Name:	Warren County Landfill
	Monroe, NC 28112	Project Number:	[none]
Attn	Laura Minor	Received:	08/21/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSH1915-05 (SW-2 - Ground Water) - cont. Sampled: 08/19/09 11:50								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2-Dichloropropane	ND		ug/L	1.00	1	08/27/09 06:54	SW846 8260B	9084184
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	08/27/09 06:54	SW846 8260B	9084184
1,1,2-Trifluorotrichloroethane	ND		ug/L	1.00	1	08/27/09 06:54	SW846 8260B	9084184
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	08/27/09 06:54	SW846 8260B	9084184
Diethyl ether	ND		ug/L	5.00	1	08/27/09 06:54	SW846 8260B	9084184
Ethylbenzene	ND		ug/L	1.00	1	08/27/09 06:54	SW846 8260B	9084184
2-Hexanone	ND		ug/L	50.0	1	08/27/09 06:54	SW846 8260B	9084184
Iodomethane	ND		ug/L	10.0	1	08/27/09 06:54	SW846 8260B	9084184
Methylene Chloride	ND		ug/L	5.00	1	08/27/09 06:54	SW846 8260B	9084184
4-Methyl-2-pentanone	ND		ug/L	10.0	1	08/27/09 06:54	SW846 8260B	9084184
Styrene	ND		ug/L	1.00	1	08/27/09 06:54	SW846 8260B	9084184
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	08/27/09 06:54	SW846 8260B	9084184
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	08/27/09 06:54	SW846 8260B	9084184
Tetrachloroethene	ND		ug/L	1.00	1	08/27/09 06:54	SW846 8260B	9084184
Tetrahydrofuran	ND		ug/L	20.0	1	08/27/09 06:54	SW846 8260B	9084184
Toluene	ND		ug/L	1.00	1	08/27/09 06:54	SW846 8260B	9084184
1,1,1-Trichloroethane	ND		ug/L	1.00	1	08/27/09 06:54	SW846 8260B	9084184
1,1,2-Trichloroethane	ND		ug/L	1.00	1	08/27/09 06:54	SW846 8260B	9084184
Trichloroethene	ND		ug/L	1.00	1	08/27/09 06:54	SW846 8260B	9084184
Trichlorofluoromethane	ND		ug/L	1.00	1	08/27/09 06:54	SW846 8260B	9084184
1,2,3-Trichloropropane	ND		ug/L	1.00	1	08/27/09 06:54	SW846 8260B	9084184
Vinyl acetate	ND		ug/L	10.0	1	08/27/09 06:54	SW846 8260B	9084184
Vinyl chloride	ND		ug/L	1.00	1	08/27/09 06:54	SW846 8260B	9084184
Xylenes, total	ND		ug/L	3.00	1	08/27/09 06:54	SW846 8260B	9084184
Surr: 1,2-Dichloroethane-d4 (63-140%)	*103 %*					*08/27/09 06:54*	*SW846 8260B*	*9084184*
Surr: Dibromofluoromethane (73-131%)	*99 %*					*08/27/09 06:54*	*SW846 8260B*	*9084184*
Surr: Toluene-d8 (80-120%)	*97 %*					*08/27/09 06:54*	*SW846 8260B*	*9084184*
Surr: 4-Bromofluorobenzene (79-125%)	*95 %*					*08/27/09 06:54*	*SW846 8260B*	*9084184*

Client	Resolve Environmental (2115)	Work Order:	NSH1915
	410 East Franklin Street	Project Name:	Warren County Landfill
	Monroe, NC 28112	Project Number:	[none]
Attn	Laura Minor	Received:	08/21/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSH1915-06 (SW-3 - Ground Water) Sampled: 08/19/09 11:00								
Total Metals by EPA 6010C								
Antimony	ND		mg/L	0.0100	1	08/27/09 12:26	SW846 6010C	9084297
Arsenic	ND		mg/L	0.0100	1	08/27/09 12:26	SW846 6010C	9084297
Barium	**0.210**		mg/L	0.0100	1	08/27/09 12:26	SW846 6010C	9084297
Beryllium	ND		mg/L	0.00400	1	08/27/09 12:26	SW846 6010C	9084297
Cadmium	ND		mg/L	0.00100	1	08/27/09 12:26	SW846 6010C	9084297
Chromium	ND		mg/L	0.00500	1	08/27/09 12:26	SW846 6010C	9084297
Cobalt	ND		mg/L	0.0200	1	08/27/09 12:26	SW846 6010C	9084297
Copper	ND		mg/L	0.0100	1	08/27/09 12:26	SW846 6010C	9084297
Lead	ND		mg/L	0.00500	1	08/27/09 12:26	SW846 6010C	9084297
Nickel	ND		mg/L	0.0100	1	08/27/09 12:26	SW846 6010C	9084297
Selenium	ND		mg/L	0.0100	1	08/27/09 12:26	SW846 6010C	9084297
Silver	ND		mg/L	0.00500	1	08/27/09 12:26	SW846 6010C	9084297
Thallium	ND		mg/L	0.0100	1	08/27/09 12:26	SW846 6010C	9084297
Vanadium	ND		mg/L	0.0200	1	08/27/09 12:26	SW846 6010C	9084297
Zinc	ND		mg/L	0.0500	1	08/27/09 12:26	SW846 6010C	9084297
Mercury by EPA Methods 7470A/7471A								
Mercury	ND		mg/L	0.000200	1	08/31/09 15:45	SW846 7470A	9083911
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND	L	ug/L	50.0	1	08/27/09 07:23	SW846 8260B	9084184
Acrylonitrile	ND		ug/L	10.0	1	08/27/09 07:23	SW846 8260B	9084184
Benzene	ND		ug/L	1.00	1	08/27/09 07:23	SW846 8260B	9084184
Bromochloromethane	ND		ug/L	1.00	1	08/27/09 07:23	SW846 8260B	9084184
Bromodichloromethane	ND		ug/L	1.00	1	08/27/09 07:23	SW846 8260B	9084184
Bromoform	ND		ug/L	1.00	1	08/27/09 07:23	SW846 8260B	9084184
Bromomethane	ND		ug/L	1.00	1	08/27/09 07:23	SW846 8260B	9084184
2-Butanone	ND		ug/L	50.0	1	08/27/09 07:23	SW846 8260B	9084184
Carbon disulfide	ND		ug/L	1.00	1	08/27/09 07:23	SW846 8260B	9084184
Carbon Tetrachloride	ND		ug/L	1.00	1	08/27/09 07:23	SW846 8260B	9084184
Chlorobenzene	ND		ug/L	1.00	1	08/27/09 07:23	SW846 8260B	9084184
Chlorodibromomethane	ND		ug/L	1.00	1	08/27/09 07:23	SW846 8260B	9084184
Chloroethane	ND		ug/L	1.00	1	08/27/09 07:23	SW846 8260B	9084184
Chloroform	ND		ug/L	1.00	1	08/27/09 07:23	SW846 8260B	9084184
Chloromethane	ND		ug/L	1.00	1	08/27/09 07:23	SW846 8260B	9084184
Dibromomethane	ND		ug/L	1.00	1	08/27/09 07:23	SW846 8260B	9084184
trans-1,4-Dichloro-2-butene	ND		ug/L	5.00	1	08/27/09 07:23	SW846 8260B	9084184
1,2-Dichlorobenzene	ND		ug/L	1.00	1	08/27/09 07:23	SW846 8260B	9084184
1,4-Dichlorobenzene	ND		ug/L	1.00	1	08/27/09 07:23	SW846 8260B	9084184
1,2-Dichloroethane	ND		ug/L	1.00	1	08/27/09 07:23	SW846 8260B	9084184
1,1-Dichloroethane	ND		ug/L	1.00	1	08/27/09 07:23	SW846 8260B	9084184
1,1-Dichloroethene	ND		ug/L	1.00	1	08/27/09 07:23	SW846 8260B	9084184
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	08/27/09 07:23	SW846 8260B	9084184
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	08/27/09 07:23	SW846 8260B	9084184

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Resolve Environmental (2115)	Work Order:	NSH1915
	410 East Franklin Street	Project Name:	Warren County Landfill
	Monroe, NC 28112	Project Number:	[none]
Attn	Laura Minor	Received:	08/21/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSH1915-06 (SW-3 - Ground Water) - cont. Sampled: 08/19/09 11:00								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2-Dichloropropane	ND		ug/L	1.00	1	08/27/09 07:23	SW846 8260B	9084184
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	08/27/09 07:23	SW846 8260B	9084184
1,1,2-Trifluorotrichloroethane	ND		ug/L	1.00	1	08/27/09 07:23	SW846 8260B	9084184
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	08/27/09 07:23	SW846 8260B	9084184
Diethyl ether	ND		ug/L	5.00	1	08/27/09 07:23	SW846 8260B	9084184
Ethylbenzene	ND		ug/L	1.00	1	08/27/09 07:23	SW846 8260B	9084184
2-Hexanone	ND		ug/L	50.0	1	08/27/09 07:23	SW846 8260B	9084184
Iodomethane	ND		ug/L	10.0	1	08/27/09 07:23	SW846 8260B	9084184
Methylene Chloride	ND		ug/L	5.00	1	08/27/09 07:23	SW846 8260B	9084184
4-Methyl-2-pentanone	ND		ug/L	10.0	1	08/27/09 07:23	SW846 8260B	9084184
Styrene	ND		ug/L	1.00	1	08/27/09 07:23	SW846 8260B	9084184
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	08/27/09 07:23	SW846 8260B	9084184
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	08/27/09 07:23	SW846 8260B	9084184
Tetrachloroethene	ND		ug/L	1.00	1	08/27/09 07:23	SW846 8260B	9084184
Tetrahydrofuran	ND		ug/L	20.0	1	08/27/09 07:23	SW846 8260B	9084184
Toluene	ND		ug/L	1.00	1	08/27/09 07:23	SW846 8260B	9084184
1,1,1-Trichloroethane	ND		ug/L	1.00	1	08/27/09 07:23	SW846 8260B	9084184
1,1,2-Trichloroethane	ND		ug/L	1.00	1	08/27/09 07:23	SW846 8260B	9084184
Trichloroethene	ND		ug/L	1.00	1	08/27/09 07:23	SW846 8260B	9084184
Trichlorofluoromethane	ND		ug/L	1.00	1	08/27/09 07:23	SW846 8260B	9084184
1,2,3-Trichloropropane	ND		ug/L	1.00	1	08/27/09 07:23	SW846 8260B	9084184
Vinyl acetate	ND		ug/L	10.0	1	08/27/09 07:23	SW846 8260B	9084184
Vinyl chloride	ND		ug/L	1.00	1	08/27/09 07:23	SW846 8260B	9084184
Xylenes, total	ND		ug/L	3.00	1	08/27/09 07:23	SW846 8260B	9084184
Surr: 1,2-Dichloroethane-d4 (63-140%)	*102 %*					*08/27/09 07:23*	*SW846 8260B*	*9084184*
Surr: Dibromofluoromethane (73-131%)	*100 %*					*08/27/09 07:23*	*SW846 8260B*	*9084184*
Surr: Toluene-d8 (80-120%)	*96 %*					*08/27/09 07:23*	*SW846 8260B*	*9084184*
Surr: 4-Bromofluorobenzene (79-125%)	*96 %*					*08/27/09 07:23*	*SW846 8260B*	*9084184*

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THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Resolve Environmental (2115)	Work Order:	NSH1915
	410 East Franklin Street	Project Name:	Warren County Landfill
	Monroe, NC 28112	Project Number:	[none]
Attn	Laura Minor	Received:	08/21/09 08:00

ANALYTICAL REPORT

Sample ID: NSH1915-07 (Equipment Blank - Ground Water) Sampled: 08/19/09 10:32

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Acetone	ND	L	ug/L	50.0	1	08/27/09 07:52	SW846 8260B	9084184
Acrylonitrile	ND		ug/L	10.0	1	08/27/09 07:52	SW846 8260B	9084184
Benzene	ND		ug/L	1.00	1	08/27/09 07:52	SW846 8260B	9084184
Bromochloromethane	ND		ug/L	1.00	1	08/27/09 07:52	SW846 8260B	9084184
Bromodichloromethane	ND		ug/L	1.00	1	08/27/09 07:52	SW846 8260B	9084184
Bromoform	ND		ug/L	1.00	1	08/27/09 07:52	SW846 8260B	9084184
Bromomethane	ND		ug/L	1.00	1	08/27/09 07:52	SW846 8260B	9084184
2-Butanone	ND		ug/L	50.0	1	08/27/09 07:52	SW846 8260B	9084184
Carbon disulfide	ND		ug/L	1.00	1	08/27/09 07:52	SW846 8260B	9084184
Carbon Tetrachloride	ND		ug/L	1.00	1	08/27/09 07:52	SW846 8260B	9084184
Chlorobenzene	ND		ug/L	1.00	1	08/27/09 07:52	SW846 8260B	9084184
Chlorodibromomethane	ND		ug/L	1.00	1	08/27/09 07:52	SW846 8260B	9084184
Chloroethane	ND		ug/L	1.00	1	08/27/09 07:52	SW846 8260B	9084184
Chloroform	ND		ug/L	1.00	1	08/27/09 07:52	SW846 8260B	9084184
Chloromethane	ND		ug/L	1.00	1	08/27/09 07:52	SW846 8260B	9084184
Dibromomethane	ND		ug/L	1.00	1	08/27/09 07:52	SW846 8260B	9084184
trans-1,4-Dichloro-2-butene	ND		ug/L	5.00	1	08/27/09 07:52	SW846 8260B	9084184
1,2-Dichlorobenzene	ND		ug/L	1.00	1	08/27/09 07:52	SW846 8260B	9084184
1,4-Dichlorobenzene	ND		ug/L	1.00	1	08/27/09 07:52	SW846 8260B	9084184
1,2-Dichloroethane	ND		ug/L	1.00	1	08/27/09 07:52	SW846 8260B	9084184
1,1-Dichloroethane	ND		ug/L	1.00	1	08/27/09 07:52	SW846 8260B	9084184
1,1-Dichloroethene	ND		ug/L	1.00	1	08/27/09 07:52	SW846 8260B	9084184
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	08/27/09 07:52	SW846 8260B	9084184
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	08/27/09 07:52	SW846 8260B	9084184
1,2-Dichloropropane	ND		ug/L	1.00	1	08/27/09 07:52	SW846 8260B	9084184
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	08/27/09 07:52	SW846 8260B	9084184
1,1,2-Trifluorotrichloroethane	ND		ug/L	1.00	1	08/27/09 07:52	SW846 8260B	9084184
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	08/27/09 07:52	SW846 8260B	9084184
Diethyl ether	ND		ug/L	5.00	1	08/27/09 07:52	SW846 8260B	9084184
Ethylbenzene	ND		ug/L	1.00	1	08/27/09 07:52	SW846 8260B	9084184
2-Hexanone	ND		ug/L	50.0	1	08/27/09 07:52	SW846 8260B	9084184
Iodomethane	ND		ug/L	10.0	1	08/27/09 07:52	SW846 8260B	9084184
Methylene Chloride	ND		ug/L	5.00	1	08/27/09 07:52	SW846 8260B	9084184
4-Methyl-2-pentanone	ND		ug/L	10.0	1	08/27/09 07:52	SW846 8260B	9084184
Styrene	ND		ug/L	1.00	1	08/27/09 07:52	SW846 8260B	9084184
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	08/27/09 07:52	SW846 8260B	9084184
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	08/27/09 07:52	SW846 8260B	9084184
Tetrachloroethene	ND		ug/L	1.00	1	08/27/09 07:52	SW846 8260B	9084184
Tetrahydrofuran	ND		ug/L	20.0	1	08/27/09 07:52	SW846 8260B	9084184
Toluene	ND		ug/L	1.00	1	08/27/09 07:52	SW846 8260B	9084184
1,1,1-Trichloroethane	ND		ug/L	1.00	1	08/27/09 07:52	SW846 8260B	9084184
1,1,2-Trichloroethane	ND		ug/L	1.00	1	08/27/09 07:52	SW846 8260B	9084184
Trichloroethene	ND		ug/L	1.00	1	08/27/09 07:52	SW846 8260B	9084184

Client	Resolve Environmental (2115)	Work Order:	NSH1915
	410 East Franklin Street	Project Name:	Warren County Landfill
	Monroe, NC 28112	Project Number:	[none]
Attn	Laura Minor	Received:	08/21/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSH1915-07 (Equipment Blank - Ground Water) - cont. Sampled: 08/19/09 10:32								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Trichlorofluoromethane	ND		ug/L	1.00	1	08/27/09 07:52	SW846 8260B	9084184
1,2,3-Trichloropropane	ND		ug/L	1.00	1	08/27/09 07:52	SW846 8260B	9084184
Vinyl acetate	ND		ug/L	10.0	1	08/27/09 07:52	SW846 8260B	9084184
Vinyl chloride	ND		ug/L	1.00	1	08/27/09 07:52	SW846 8260B	9084184
Xylenes, total	ND		ug/L	3.00	1	08/27/09 07:52	SW846 8260B	9084184
Surr: 1,2-Dichloroethane-d4 (63-140%)	*102 %*					*08/27/09 07:52*	*SW846 8260B*	*9084184*
Surr: Dibromofluoromethane (73-131%)	*100 %*					*08/27/09 07:52*	*SW846 8260B*	*9084184*
Surr: Toluene-d8 (80-120%)	*98 %*					*08/27/09 07:52*	*SW846 8260B*	*9084184*
Surr: 4-Bromofluorobenzene (79-125%)	*96 %*					*08/27/09 07:52*	*SW846 8260B*	*9084184*
Sample ID: NSH1915-08 (Trip Blank - Ground Water) Sampled: 08/19/09 00:01								
Volatile Organic Compounds by EPA Method 8260B								
Acetone	ND	L	ug/L	50.0	1	08/26/09 15:55	SW846 8260B	9083546
Acrylonitrile	ND		ug/L	10.0	1	08/26/09 15:55	SW846 8260B	9083546
Benzene	ND		ug/L	1.00	1	08/26/09 15:55	SW846 8260B	9083546
Bromochloromethane	ND		ug/L	1.00	1	08/26/09 15:55	SW846 8260B	9083546
Bromodichloromethane	ND		ug/L	1.00	1	08/26/09 15:55	SW846 8260B	9083546
Bromoform	ND		ug/L	1.00	1	08/26/09 15:55	SW846 8260B	9083546
Bromomethane	ND		ug/L	1.00	1	08/26/09 15:55	SW846 8260B	9083546
2-Butanone	ND		ug/L	50.0	1	08/26/09 15:55	SW846 8260B	9083546
Carbon disulfide	ND		ug/L	1.00	1	08/26/09 15:55	SW846 8260B	9083546
Carbon Tetrachloride	ND		ug/L	1.00	1	08/26/09 15:55	SW846 8260B	9083546
Chlorobenzene	ND		ug/L	1.00	1	08/26/09 15:55	SW846 8260B	9083546
Chlorodibromomethane	ND		ug/L	1.00	1	08/26/09 15:55	SW846 8260B	9083546
Chloroethane	ND		ug/L	1.00	1	08/26/09 15:55	SW846 8260B	9083546
Chloroform	ND		ug/L	1.00	1	08/26/09 15:55	SW846 8260B	9083546
Chloromethane	ND		ug/L	1.00	1	08/26/09 15:55	SW846 8260B	9083546
Dibromomethane	ND		ug/L	1.00	1	08/26/09 15:55	SW846 8260B	9083546
trans-1,4-Dichloro-2-butene	ND		ug/L	5.00	1	08/26/09 15:55	SW846 8260B	9083546
1,2-Dichlorobenzene	ND		ug/L	1.00	1	08/26/09 15:55	SW846 8260B	9083546
1,4-Dichlorobenzene	ND		ug/L	1.00	1	08/26/09 15:55	SW846 8260B	9083546
1,2-Dichloroethane	ND		ug/L	1.00	1	08/26/09 15:55	SW846 8260B	9083546
1,1-Dichloroethane	ND		ug/L	1.00	1	08/26/09 15:55	SW846 8260B	9083546
1,1-Dichloroethene	ND	L	ug/L	1.00	1	08/26/09 15:55	SW846 8260B	9083546
trans-1,2-Dichloroethene	ND		ug/L	1.00	1	08/26/09 15:55	SW846 8260B	9083546
cis-1,2-Dichloroethene	ND		ug/L	1.00	1	08/26/09 15:55	SW846 8260B	9083546
1,2-Dichloropropane	ND		ug/L	1.00	1	08/26/09 15:55	SW846 8260B	9083546
trans-1,3-Dichloropropene	ND		ug/L	1.00	1	08/26/09 15:55	SW846 8260B	9083546
1,1,2-Trifluorotrichloroethane	ND		ug/L	1.00	1	08/26/09 15:55	SW846 8260B	9083546
cis-1,3-Dichloropropene	ND		ug/L	1.00	1	08/26/09 15:55	SW846 8260B	9083546
Diethyl ether	ND		ug/L	5.00	1	08/26/09 15:55	SW846 8260B	9083546
Ethylbenzene	ND		ug/L	1.00	1	08/26/09 15:55	SW846 8260B	9083546
2-Hexanone	ND		ug/L	50.0	1	08/26/09 15:55	SW846 8260B	9083546

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Resolve Environmental (2115)	Work Order:	NSH1915
	410 East Franklin Street	Project Name:	Warren County Landfill
	Monroe, NC 28112	Project Number:	[none]
Attn	Laura Minor	Received:	08/21/09 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NSH1915-08 (Trip Blank - Ground Water) - cont. Sampled: 08/19/09 00:01								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Iodomethane	ND	L	ug/L	10.0	1	08/26/09 15:55	SW846 8260B	9083546
Methylene Chloride	ND		ug/L	5.00	1	08/26/09 15:55	SW846 8260B	9083546
4-Methyl-2-pentanone	ND		ug/L	10.0	1	08/26/09 15:55	SW846 8260B	9083546
Styrene	ND		ug/L	1.00	1	08/26/09 15:55	SW846 8260B	9083546
1,1,2,2-Tetrachloroethane	ND		ug/L	1.00	1	08/26/09 15:55	SW846 8260B	9083546
1,1,1,2-Tetrachloroethane	ND		ug/L	1.00	1	08/26/09 15:55	SW846 8260B	9083546
Tetrachloroethene	ND		ug/L	1.00	1	08/26/09 15:55	SW846 8260B	9083546
Tetrahydrofuran	ND		ug/L	20.0	1	08/26/09 15:55	SW846 8260B	9083546
Toluene	ND		ug/L	1.00	1	08/26/09 15:55	SW846 8260B	9083546
1,1,1-Trichloroethane	ND		ug/L	1.00	1	08/26/09 15:55	SW846 8260B	9083546
1,1,2-Trichloroethane	ND		ug/L	1.00	1	08/26/09 15:55	SW846 8260B	9083546
Trichloroethene	ND		ug/L	1.00	1	08/26/09 15:55	SW846 8260B	9083546
Trichlorofluoromethane	ND		ug/L	1.00	1	08/26/09 15:55	SW846 8260B	9083546
1,2,3-Trichloropropane	ND		ug/L	1.00	1	08/26/09 15:55	SW846 8260B	9083546
Vinyl acetate	ND		ug/L	10.0	1	08/26/09 15:55	SW846 8260B	9083546
Vinyl chloride	ND		ug/L	1.00	1	08/26/09 15:55	SW846 8260B	9083546
Xylenes, total	ND		ug/L	3.00	1	08/26/09 15:55	SW846 8260B	9083546
Surr: 1,2-Dichloroethane-d4 (63-140%)	*110 %*					*08/26/09 15:55*	*SW846 8260B*	*9083546*
Surr: Dibromofluoromethane (73-131%)	*108 %*					*08/26/09 15:55*	*SW846 8260B*	*9083546*
Surr: Toluene-d8 (80-120%)	*89 %*					*08/26/09 15:55*	*SW846 8260B*	*9083546*
Surr: 4-Bromofluorobenzene (79-125%)	*100 %*					*08/26/09 15:55*	*SW846 8260B*	*9083546*

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Resolve Environmental (2115)	Work Order:	NSH1915
	410 East Franklin Street	Project Name:	Warren County Landfill
	Monroe, NC 28112	Project Number:	[none]
Attn	Laura Minor	Received:	08/21/09 08:00

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Mercury by EPA Methods 7470A/7471A							
SW846 7470A	9083911	NSH1915-01	30.00	30.00	08/28/09 09:28	KKK	EPA 7470
SW846 7470A	9083911	NSH1915-02	30.00	30.00	08/28/09 09:28	KKK	EPA 7470
SW846 7470A	9083911	NSH1915-03	30.00	30.00	08/28/09 09:28	KKK	EPA 7470
SW846 7470A	9083911	NSH1915-04	30.00	30.00	08/28/09 09:28	KKK	EPA 7470
SW846 7470A	9083911	NSH1915-05	30.00	30.00	08/28/09 09:28	KKK	EPA 7470
SW846 7470A	9083911	NSH1915-06	30.00	30.00	08/28/09 09:28	KKK	EPA 7470
Total Metals by EPA 6010C							
SW846 6010C	9084297	NSH1915-01	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-01	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-01	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-01	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-01	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-01	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-01	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-01	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-01	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-01	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-01	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-01	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-01	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-02	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-02	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-02	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-02	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-02	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-02	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-02	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-02	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-02	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-02	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-02	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-02	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-03	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-03	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-03	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-03	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-03	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-03	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-03	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Resolve Environmental (2115)	Work Order:	NSH1915
	410 East Franklin Street	Project Name:	Warren County Landfill
	Monroe, NC 28112	Project Number:	[none]
Attn	Laura Minor	Received:	08/21/09 08:00

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
SW846 6010C	9084297	NSH1915-03	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-03	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-03	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-03	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-03	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-03	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-03	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-03	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-04	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-04	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-04	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-04	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-04	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-04	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-04	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-04	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-04	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-04	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-04	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-04	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-05	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-05	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-05	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-05	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-05	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-05	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-05	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-05	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-05	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-05	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-05	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-05	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-06	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-06	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-06	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-06	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-06	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-06	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-06	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Resolve Environmental (2115)	Work Order:	NSH1915
	410 East Franklin Street	Project Name:	Warren County Landfill
	Monroe, NC 28112	Project Number:	[none]
Attn	Laura Minor	Received:	08/21/09 08:00

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
SW846 6010C	9084297	NSH1915-06	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-06	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-06	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-06	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-06	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-06	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-06	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010
SW846 6010C	9084297	NSH1915-06	50.00	50.00	08/27/09 08:30	BTS	EPA 3010A / 6010

TestAmerica
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2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Resolve Environmental (2115)	Work Order:	NSH1915
	410 East Franklin Street	Project Name:	Warren County Landfill
	Monroe, NC 28112	Project Number:	[none]
Attn	Laura Minor	Received:	08/21/09 08:00

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Total Metals by EPA 6010C						
9084297-BLK1						
Antimony	<0.00210		mg/L	9084297	9084297-BLK1	08/27/09 11:46
Arsenic	<0.00360		mg/L	9084297	9084297-BLK1	08/27/09 11:46
Barium	<0.00100		mg/L	9084297	9084297-BLK1	08/27/09 11:46
Beryllium	<0.00100		mg/L	9084297	9084297-BLK1	08/27/09 11:46
Cadmium	<0.000600		mg/L	9084297	9084297-BLK1	08/27/09 11:46
Chromium	<0.00260		mg/L	9084297	9084297-BLK1	08/27/09 11:46
Cobalt	<0.00500		mg/L	9084297	9084297-BLK1	08/27/09 11:46
Copper	<0.00210		mg/L	9084297	9084297-BLK1	08/27/09 11:46
Lead	<0.00210		mg/L	9084297	9084297-BLK1	08/27/09 11:46
Nickel	<0.00230		mg/L	9084297	9084297-BLK1	08/27/09 11:46
Selenium	<0.00390		mg/L	9084297	9084297-BLK1	08/27/09 11:46
Silver	<0.00280		mg/L	9084297	9084297-BLK1	08/27/09 11:46
Thallium	<0.00630		mg/L	9084297	9084297-BLK1	08/27/09 11:46
Vanadium	<0.00500		mg/L	9084297	9084297-BLK1	08/27/09 11:46
Zinc	<0.00500		mg/L	9084297	9084297-BLK1	08/27/09 11:46
Mercury by EPA Methods 7470A/7471A						
9083911-BLK1						
Mercury	<0.000100		mg/L	9083911	9083911-BLK1	08/31/09 15:23
Volatile Organic Compounds by EPA Method 8260B						
9083546-BLK1						
Acetone	<25.0		ug/L	9083546	9083546-BLK1	08/26/09 13:59
Acrylonitrile	<1.30		ug/L	9083546	9083546-BLK1	08/26/09 13:59
Benzene	<0.410		ug/L	9083546	9083546-BLK1	08/26/09 13:59
Bromochloromethane	<0.470		ug/L	9083546	9083546-BLK1	08/26/09 13:59
Bromodichloromethane	<0.270		ug/L	9083546	9083546-BLK1	08/26/09 13:59
Bromoform	<0.430		ug/L	9083546	9083546-BLK1	08/26/09 13:59
Bromomethane	<0.300		ug/L	9083546	9083546-BLK1	08/26/09 13:59
2-Butanone	<2.10		ug/L	9083546	9083546-BLK1	08/26/09 13:59
Carbon disulfide	<0.360		ug/L	9083546	9083546-BLK1	08/26/09 13:59
Carbon Tetrachloride	<0.330		ug/L	9083546	9083546-BLK1	08/26/09 13:59
Chlorobenzene	<0.220		ug/L	9083546	9083546-BLK1	08/26/09 13:59
Chlorodibromomethane	<0.260		ug/L	9083546	9083546-BLK1	08/26/09 13:59
Chloroethane	<0.460		ug/L	9083546	9083546-BLK1	08/26/09 13:59
Chloroform	0.270	B	ug/L	9083546	9083546-BLK1	08/26/09 13:59
Chloromethane	<0.390		ug/L	9083546	9083546-BLK1	08/26/09 13:59
Dibromomethane	<0.410		ug/L	9083546	9083546-BLK1	08/26/09 13:59
trans-1,4-Dichloro-2-butene	<0.850		ug/L	9083546	9083546-BLK1	08/26/09 13:59
1,2-Dichlorobenzene	<0.400		ug/L	9083546	9083546-BLK1	08/26/09 13:59
1,4-Dichlorobenzene	<0.430		ug/L	9083546	9083546-BLK1	08/26/09 13:59

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Resolve Environmental (2115)	Work Order:	NSH1915
	410 East Franklin Street	Project Name:	Warren County Landfill
	Monroe, NC 28112	Project Number:	[none]
Attn	Laura Minor	Received:	08/21/09 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
9083546-BLK1						
1,2-Dichloroethane	<0.350		ug/L	9083546	9083546-BLK1	08/26/09 13:59
1,1-Dichloroethane	<0.340		ug/L	9083546	9083546-BLK1	08/26/09 13:59
1,1-Dichloroethene	<0.220		ug/L	9083546	9083546-BLK1	08/26/09 13:59
trans-1,2-Dichloroethene	<0.330		ug/L	9083546	9083546-BLK1	08/26/09 13:59
cis-1,2-Dichloroethene	<0.330		ug/L	9083546	9083546-BLK1	08/26/09 13:59
1,2-Dichloropropane	<0.240		ug/L	9083546	9083546-BLK1	08/26/09 13:59
trans-1,3-Dichloropropene	<0.330		ug/L	9083546	9083546-BLK1	08/26/09 13:59
1,1,2-Trifluorotrichloroethane	<0.270		ug/L	9083546	9083546-BLK1	08/26/09 13:59
cis-1,3-Dichloropropene	<0.330		ug/L	9083546	9083546-BLK1	08/26/09 13:59
Diethyl ether	<0.240		ug/L	9083546	9083546-BLK1	08/26/09 13:59
Ethylbenzene	<0.350		ug/L	9083546	9083546-BLK1	08/26/09 13:59
2-Hexanone	<1.40		ug/L	9083546	9083546-BLK1	08/26/09 13:59
Iodomethane	<3.33		ug/L	9083546	9083546-BLK1	08/26/09 13:59
Methylene Chloride	1.62	B	ug/L	9083546	9083546-BLK1	08/26/09 13:59
4-Methyl-2-pentanone	<1.40		ug/L	9083546	9083546-BLK1	08/26/09 13:59
Styrene	<0.260		ug/L	9083546	9083546-BLK1	08/26/09 13:59
1,1,2,2-Tetrachloroethane	<0.360		ug/L	9083546	9083546-BLK1	08/26/09 13:59
1,1,1,2-Tetrachloroethane	<0.200		ug/L	9083546	9083546-BLK1	08/26/09 13:59
Tetrachloroethene	<0.320		ug/L	9083546	9083546-BLK1	08/26/09 13:59
Tetrahydrofuran	<2.40		ug/L	9083546	9083546-BLK1	08/26/09 13:59
Toluene	<0.350		ug/L	9083546	9083546-BLK1	08/26/09 13:59
1,1,1-Trichloroethane	<0.190		ug/L	9083546	9083546-BLK1	08/26/09 13:59
1,1,2-Trichloroethane	<0.320		ug/L	9083546	9083546-BLK1	08/26/09 13:59
Trichloroethene	<0.260		ug/L	9083546	9083546-BLK1	08/26/09 13:59
Trichlorofluoromethane	<0.220		ug/L	9083546	9083546-BLK1	08/26/09 13:59
1,2,3-Trichloropropane	<0.470		ug/L	9083546	9083546-BLK1	08/26/09 13:59
Vinyl acetate	<1.60		ug/L	9083546	9083546-BLK1	08/26/09 13:59
Vinyl chloride	<0.220		ug/L	9083546	9083546-BLK1	08/26/09 13:59
Xylenes, total	<0.730		ug/L	9083546	9083546-BLK1	08/26/09 13:59
Surrogate: 1,2-Dichloroethane-d4	113%			9083546	9083546-BLK1	08/26/09 13:59
Surrogate: Dibromofluoromethane	109%			9083546	9083546-BLK1	08/26/09 13:59
Surrogate: Toluene-d8	87%			9083546	9083546-BLK1	08/26/09 13:59
Surrogate: 4-Bromofluorobenzene	101%			9083546	9083546-BLK1	08/26/09 13:59
9084184-BLK1						
Acetone	<25.0		ug/L	9084184	9084184-BLK1	08/27/09 02:05
Acrylonitrile	<1.30		ug/L	9084184	9084184-BLK1	08/27/09 02:05
Benzene	<0.410		ug/L	9084184	9084184-BLK1	08/27/09 02:05
Bromochloromethane	<0.470		ug/L	9084184	9084184-BLK1	08/27/09 02:05
Bromodichloromethane	<0.270		ug/L	9084184	9084184-BLK1	08/27/09 02:05
Bromoform	<0.430		ug/L	9084184	9084184-BLK1	08/27/09 02:05

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Resolve Environmental (2115)	Work Order:	NSH1915
	410 East Franklin Street	Project Name:	Warren County Landfill
	Monroe, NC 28112	Project Number:	[none]
Attn	Laura Minor	Received:	08/21/09 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
9084184-BLK1						
Bromomethane	<0.300		ug/L	9084184	9084184-BLK1	08/27/09 02:05
2-Butanone	<2.10		ug/L	9084184	9084184-BLK1	08/27/09 02:05
Carbon disulfide	<0.360		ug/L	9084184	9084184-BLK1	08/27/09 02:05
Carbon Tetrachloride	<0.330		ug/L	9084184	9084184-BLK1	08/27/09 02:05
Chlorobenzene	<0.220		ug/L	9084184	9084184-BLK1	08/27/09 02:05
Chlorodibromomethane	<0.260		ug/L	9084184	9084184-BLK1	08/27/09 02:05
Chloroethane	<0.460		ug/L	9084184	9084184-BLK1	08/27/09 02:05
Chloroform	0.390	B	ug/L	9084184	9084184-BLK1	08/27/09 02:05
Chloromethane	<0.390		ug/L	9084184	9084184-BLK1	08/27/09 02:05
Dibromomethane	<0.410		ug/L	9084184	9084184-BLK1	08/27/09 02:05
trans-1,4-Dichloro-2-butene	<0.850		ug/L	9084184	9084184-BLK1	08/27/09 02:05
1,2-Dichlorobenzene	<0.400		ug/L	9084184	9084184-BLK1	08/27/09 02:05
1,4-Dichlorobenzene	<0.430		ug/L	9084184	9084184-BLK1	08/27/09 02:05
1,2-Dichloroethane	<0.350		ug/L	9084184	9084184-BLK1	08/27/09 02:05
1,1-Dichloroethane	<0.340		ug/L	9084184	9084184-BLK1	08/27/09 02:05
1,1-Dichloroethene	<0.220		ug/L	9084184	9084184-BLK1	08/27/09 02:05
trans-1,2-Dichloroethene	<0.330		ug/L	9084184	9084184-BLK1	08/27/09 02:05
cis-1,2-Dichloroethene	<0.330		ug/L	9084184	9084184-BLK1	08/27/09 02:05
1,2-Dichloropropane	<0.240		ug/L	9084184	9084184-BLK1	08/27/09 02:05
trans-1,3-Dichloropropene	<0.330		ug/L	9084184	9084184-BLK1	08/27/09 02:05
1,1,2-Trifluorotrichloroethane	<0.270		ug/L	9084184	9084184-BLK1	08/27/09 02:05
cis-1,3-Dichloropropene	<0.330		ug/L	9084184	9084184-BLK1	08/27/09 02:05
Diethyl ether	<0.240		ug/L	9084184	9084184-BLK1	08/27/09 02:05
Ethylbenzene	<0.350		ug/L	9084184	9084184-BLK1	08/27/09 02:05
2-Hexanone	<1.40		ug/L	9084184	9084184-BLK1	08/27/09 02:05
Iodomethane	<3.33		ug/L	9084184	9084184-BLK1	08/27/09 02:05
Methylene Chloride	1.27	B	ug/L	9084184	9084184-BLK1	08/27/09 02:05
4-Methyl-2-pentanone	<1.40		ug/L	9084184	9084184-BLK1	08/27/09 02:05
Styrene	<0.260		ug/L	9084184	9084184-BLK1	08/27/09 02:05
1,1,2,2-Tetrachloroethane	<0.360		ug/L	9084184	9084184-BLK1	08/27/09 02:05
1,1,1,2-Tetrachloroethane	<0.200		ug/L	9084184	9084184-BLK1	08/27/09 02:05
Tetrachloroethene	<0.320		ug/L	9084184	9084184-BLK1	08/27/09 02:05
Tetrahydrofuran	<2.40		ug/L	9084184	9084184-BLK1	08/27/09 02:05
Toluene	<0.350		ug/L	9084184	9084184-BLK1	08/27/09 02:05
1,1,1-Trichloroethane	<0.190		ug/L	9084184	9084184-BLK1	08/27/09 02:05
1,1,2-Trichloroethane	<0.320		ug/L	9084184	9084184-BLK1	08/27/09 02:05
Trichloroethene	<0.260		ug/L	9084184	9084184-BLK1	08/27/09 02:05
Trichlorofluoromethane	<0.220		ug/L	9084184	9084184-BLK1	08/27/09 02:05
1,2,3-Trichloropropane	<0.470		ug/L	9084184	9084184-BLK1	08/27/09 02:05
Vinyl acetate	<1.60		ug/L	9084184	9084184-BLK1	08/27/09 02:05
Vinyl chloride	<0.220		ug/L	9084184	9084184-BLK1	08/27/09 02:05

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Resolve Environmental (2115)	Work Order:	NSH1915
	410 East Franklin Street	Project Name:	Warren County Landfill
	Monroe, NC 28112	Project Number:	[none]
Attn	Laura Minor	Received:	08/21/09 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
9084184-BLK1						
Xylenes, total	<0.730		ug/L	9084184	9084184-BLK1	08/27/09 02:05
Surrogate: 1,2-Dichloroethane-d4	109%			9084184	9084184-BLK1	08/27/09 02:05
Surrogate: Dibromofluoromethane	106%			9084184	9084184-BLK1	08/27/09 02:05
Surrogate: Toluene-d8	92%			9084184	9084184-BLK1	08/27/09 02:05
Surrogate: 4-Bromofluorobenzene	97%			9084184	9084184-BLK1	08/27/09 02:05

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Resolve Environmental (2115)	Work Order:	NSH1915
	410 East Franklin Street	Project Name:	Warren County Landfill
	Monroe, NC 28112	Project Number:	[none]
Attn	Laura Minor	Received:	08/21/09 08:00

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Total Metals by EPA 6010C								
9084297-BS1								
Antimony	0.100	0.103		mg/L	103%	80 - 120	9084297	08/27/09 11:50
Arsenic	0.0500	0.0480		mg/L	96%	80 - 120	9084297	08/27/09 11:50
Barium	2.00	2.07		mg/L	104%	80 - 120	9084297	08/27/09 11:50
Beryllium	0.0500	0.0491		mg/L	98%	80 - 120	9084297	08/27/09 11:50
Cadmium	0.0500	0.0497		mg/L	99%	80 - 120	9084297	08/27/09 11:50
Chromium	0.200	0.202		mg/L	101%	80 - 120	9084297	08/27/09 11:50
Cobalt	0.500	0.488		mg/L	98%	80 - 120	9084297	08/27/09 11:50
Copper	0.250	0.242		mg/L	97%	80 - 120	9084297	08/27/09 11:50
Lead	0.0500	0.0501		mg/L	100%	80 - 120	9084297	08/27/09 11:50
Nickel	0.500	0.479		mg/L	96%	80 - 120	9084297	08/27/09 11:50
Selenium	0.0500	0.0518		mg/L	104%	80 - 120	9084297	08/27/09 11:50
Silver	0.0500	0.0491		mg/L	98%	80 - 120	9084297	08/27/09 11:50
Thallium	0.0500	0.0505		mg/L	101%	80 - 120	9084297	08/27/09 11:50
Vanadium	0.500	0.498		mg/L	100%	80 - 120	9084297	08/27/09 11:50
Zinc	0.500	0.498		mg/L	100%	80 - 120	9084297	08/27/09 11:50
Mercury by EPA Methods 7470A/7471A								
9083911-BS1								
Mercury	0.00100	0.000923		mg/L	92%	80 - 120	9083911	08/31/09 15:25
Volatile Organic Compounds by EPA Method 8260B								
9083546-BS1								
Acetone	100	164	MNR1, L	ug/L	164%	56 - 150	9083546	08/26/09 12:03
Acrylonitrile	100	121	MNR1	ug/L	121%	60 - 143	9083546	08/26/09 12:03
Benzene	20.0	20.9	MNR1	ug/L	104%	80 - 121	9083546	08/26/09 12:03
Bromochloromethane	20.0	23.7	MNR1	ug/L	118%	73 - 137	9083546	08/26/09 12:03
Bromodichloromethane	20.0	20.8	MNR1	ug/L	104%	75 - 131	9083546	08/26/09 12:03
Bromoform	20.0	22.1	MNR1	ug/L	110%	65 - 140	9083546	08/26/09 12:03
Bromomethane	20.0	21.5	MNR1	ug/L	108%	50 - 150	9083546	08/26/09 12:03
2-Butanone	100	133	MNR1	ug/L	133%	70 - 144	9083546	08/26/09 12:03
Carbon disulfide	20.0	24.8	MNR1	ug/L	124%	74 - 137	9083546	08/26/09 12:03
Carbon Tetrachloride	20.0	22.2	MNR1	ug/L	111%	71 - 137	9083546	08/26/09 12:03
Chlorobenzene	20.0	19.6	MNR1	ug/L	98%	80 - 121	9083546	08/26/09 12:03
Chlorodibromomethane	20.0	19.6	MNR1	ug/L	98%	68 - 137	9083546	08/26/09 12:03
Chloroethane	20.0	25.2	MNR1	ug/L	126%	50 - 146	9083546	08/26/09 12:03
Chloroform	20.0	20.3	MNR1	ug/L	102%	73 - 131	9083546	08/26/09 12:03
Chloromethane	20.0	14.4	MNR1	ug/L	72%	30 - 132	9083546	08/26/09 12:03
Dibromomethane	20.0	22.8	MNR1	ug/L	114%	78 - 133	9083546	08/26/09 12:03
trans-1,4-Dichloro-2-butene	20.0	24.2	MNR1	ug/L	121%	28 - 150	9083546	08/26/09 12:03
1,2-Dichlorobenzene	20.0	20.3	MNR1	ug/L	101%	80 - 125	9083546	08/26/09 12:03
1,4-Dichlorobenzene	20.0	19.2	MNR1	ug/L	96%	80 - 120	9083546	08/26/09 12:03

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Resolve Environmental (2115)	Work Order:	NSH1915
	410 East Franklin Street	Project Name:	Warren County Landfill
	Monroe, NC 28112	Project Number:	[none]
Attn	Laura Minor	Received:	08/21/09 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
9083546-BS1								
1,2-Dichloroethane	20.0	21.0	MNR1	ug/L	105%	70 - 134	9083546	08/26/09 12:03
1,1-Dichloroethane	20.0	20.3	MNR1	ug/L	101%	75 - 125	9083546	08/26/09 12:03
1,1-Dichloroethene	20.0	25.2	MNR1, L	ug/L	126%	73 - 125	9083546	08/26/09 12:03
trans-1,2-Dichloroethene	20.0	20.9	MNR1	ug/L	104%	77 - 125	9083546	08/26/09 12:03
cis-1,2-Dichloroethene	20.0	20.9	MNR1	ug/L	105%	71 - 132	9083546	08/26/09 12:03
1,2-Dichloropropane	20.0	18.5	MNR1	ug/L	92%	72 - 120	9083546	08/26/09 12:03
trans-1,3-Dichloropropene	20.0	19.1	MNR1	ug/L	96%	62 - 139	9083546	08/26/09 12:03
1,1,2-Trifluorotrichloroethane	20.0	25.3	MNR1	ug/L	126%	73 - 134	9083546	08/26/09 12:03
cis-1,3-Dichloropropene	20.0	18.3	MNR1	ug/L	91%	70 - 140	9083546	08/26/09 12:03
Diethyl ether	20.0	26.0		ug/L	130%	67 - 133	9083546	08/26/09 12:03
Ethylbenzene	20.0	21.1	MNR1	ug/L	106%	78 - 133	9083546	08/26/09 12:03
2-Hexanone	100	129	MNR1	ug/L	129%	60 - 150	9083546	08/26/09 12:03
Iodomethane	100	169	MNR1, L	ug/L	169%	51 - 150	9083546	08/26/09 12:03
Methylene Chloride	20.0	26.0	MNR1	ug/L	130%	80 - 133	9083546	08/26/09 12:03
4-Methyl-2-pentanone	100	107	MNR1	ug/L	107%	62 - 146	9083546	08/26/09 12:03
Styrene	20.0	20.1	B	ug/L	101%	80 - 136	9083546	08/26/09 12:03
1,1,2,2-Tetrachloroethane	20.0	22.1	MNR1	ug/L	111%	73 - 131	9083546	08/26/09 12:03
1,1,1,2-Tetrachloroethane	20.0	20.9	MNR1	ug/L	104%	80 - 130	9083546	08/26/09 12:03
Tetrachloroethene	20.0	19.4	MNR1	ug/L	97%	77 - 131	9083546	08/26/09 12:03
Tetrahydrofuran	200	205		ug/L	103%	42 - 145	9083546	08/26/09 12:03
Toluene	20.0	17.3	MNR1	ug/L	86%	78 - 125	9083546	08/26/09 12:03
1,1,1-Trichloroethane	20.0	22.3	MNR1	ug/L	111%	75 - 137	9083546	08/26/09 12:03
1,1,2-Trichloroethane	20.0	20.7	MNR1	ug/L	104%	80 - 123	9083546	08/26/09 12:03
Trichloroethene	20.0	22.6	MNR1	ug/L	113%	74 - 139	9083546	08/26/09 12:03
Trichlorofluoromethane	20.0	20.6	MNR1	ug/L	103%	60 - 133	9083546	08/26/09 12:03
1,2,3-Trichloropropane	20.0	20.0	MNR1	ug/L	100%	64 - 127	9083546	08/26/09 12:03
Vinyl acetate	100	65.9	MNR1	ug/L	66%	43 - 150	9083546	08/26/09 12:03
Vinyl chloride	20.0	21.8	MNR1	ug/L	109%	60 - 122	9083546	08/26/09 12:03
Xylenes, total	60.0	61.9	MNR1	ug/L	103%	78 - 134	9083546	08/26/09 12:03
Surrogate: 1,2-Dichloroethane-d4	30.0	32.2			107%	63 - 140	9083546	08/26/09 12:03
Surrogate: 1,2-Dichloroethane-d4	30.0	32.2			107%	63 - 140	9083546	08/26/09 12:03
Surrogate: Dibromofluoromethane	30.0	31.8			106%	73 - 131	9083546	08/26/09 12:03
Surrogate: Dibromofluoromethane	30.0	31.8			106%	73 - 131	9083546	08/26/09 12:03
Surrogate: Toluene-d8	30.0	25.3			84%	80 - 120	9083546	08/26/09 12:03
Surrogate: Toluene-d8	30.0	25.3			84%	80 - 120	9083546	08/26/09 12:03
Surrogate: 4-Bromofluorobenzene	30.0	28.9			96%	79 - 125	9083546	08/26/09 12:03
Surrogate: 4-Bromofluorobenzene	30.0	28.9			96%	79 - 125	9083546	08/26/09 12:03
9084184-BS1								
Acetone	100	167	L	ug/L	167%	56 - 150	9084184	08/27/09 00:10
Acrylonitrile	100	119		ug/L	119%	60 - 143	9084184	08/27/09 00:10

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Resolve Environmental (2115) 410 East Franklin Street Monroe, NC 28112	Work Order:	NSH1915
		Project Name:	Warren County Landfill
		Project Number:	[none]
Attn	Laura Minor	Received:	08/21/09 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
9084184-BS1								
Benzene	20.0	20.2		ug/L	101%	80 - 121	9084184	08/27/09 00:10
Bromochloromethane	20.0	23.1		ug/L	116%	73 - 137	9084184	08/27/09 00:10
Bromodichloromethane	20.0	20.0		ug/L	100%	75 - 131	9084184	08/27/09 00:10
Bromoform	20.0	20.8		ug/L	104%	65 - 140	9084184	08/27/09 00:10
Bromomethane	20.0	16.8		ug/L	84%	50 - 150	9084184	08/27/09 00:10
2-Butanone	100	135		ug/L	135%	70 - 144	9084184	08/27/09 00:10
Carbon disulfide	20.0	23.9		ug/L	120%	74 - 137	9084184	08/27/09 00:10
Carbon Tetrachloride	20.0	21.1		ug/L	106%	71 - 137	9084184	08/27/09 00:10
Chlorobenzene	20.0	18.8		ug/L	94%	80 - 121	9084184	08/27/09 00:10
Chlorodibromomethane	20.0	19.1		ug/L	96%	68 - 137	9084184	08/27/09 00:10
Chloroethane	20.0	23.8		ug/L	119%	50 - 146	9084184	08/27/09 00:10
Chloroform	20.0	19.6		ug/L	98%	73 - 131	9084184	08/27/09 00:10
Chloromethane	20.0	13.6		ug/L	68%	30 - 132	9084184	08/27/09 00:10
Dibromomethane	20.0	22.8		ug/L	114%	78 - 133	9084184	08/27/09 00:10
trans-1,4-Dichloro-2-butene	20.0	19.6		ug/L	98%	28 - 150	9084184	08/27/09 00:10
1,2-Dichlorobenzene	20.0	19.6		ug/L	98%	80 - 125	9084184	08/27/09 00:10
1,4-Dichlorobenzene	20.0	18.1		ug/L	91%	80 - 120	9084184	08/27/09 00:10
1,2-Dichloroethane	20.0	20.2		ug/L	101%	70 - 134	9084184	08/27/09 00:10
1,1-Dichloroethane	20.0	20.0		ug/L	100%	75 - 125	9084184	08/27/09 00:10
1,1-Dichloroethene	20.0	23.7		ug/L	119%	73 - 125	9084184	08/27/09 00:10
trans-1,2-Dichloroethene	20.0	20.5		ug/L	102%	77 - 125	9084184	08/27/09 00:10
cis-1,2-Dichloroethene	20.0	19.5		ug/L	97%	71 - 132	9084184	08/27/09 00:10
1,2-Dichloropropane	20.0	18.5		ug/L	92%	72 - 120	9084184	08/27/09 00:10
trans-1,3-Dichloropropene	20.0	19.1		ug/L	95%	62 - 139	9084184	08/27/09 00:10
1,1,2-Trifluorotrichloroethane	20.0	23.1		ug/L	115%	73 - 134	9084184	08/27/09 00:10
cis-1,3-Dichloropropene	20.0	16.3		ug/L	81%	70 - 140	9084184	08/27/09 00:10
Diethyl ether	20.0	24.6		ug/L	123%	67 - 133	9084184	08/27/09 00:10
Ethylbenzene	20.0	20.1		ug/L	100%	78 - 133	9084184	08/27/09 00:10
2-Hexanone	100	128		ug/L	128%	60 - 150	9084184	08/27/09 00:10
Iodomethane	100	147		ug/L	147%	51 - 150	9084184	08/27/09 00:10
Methylene Chloride	20.0	25.0		ug/L	125%	80 - 133	9084184	08/27/09 00:10
4-Methyl-2-pentanone	100	108		ug/L	108%	62 - 146	9084184	08/27/09 00:10
Styrene	20.0	19.1		ug/L	96%	80 - 136	9084184	08/27/09 00:10
1,1,2,2-Tetrachloroethane	20.0	21.0		ug/L	105%	73 - 131	9084184	08/27/09 00:10
1,1,1,2-Tetrachloroethane	20.0	19.5		ug/L	97%	80 - 130	9084184	08/27/09 00:10
Tetrachloroethene	20.0	18.4		ug/L	92%	77 - 131	9084184	08/27/09 00:10
Tetrahydrofuran	200	207		ug/L	104%	42 - 145	9084184	08/27/09 00:10
Toluene	20.0	18.7		ug/L	94%	78 - 125	9084184	08/27/09 00:10
1,1,1-Trichloroethane	20.0	20.7		ug/L	103%	75 - 137	9084184	08/27/09 00:10
1,1,2-Trichloroethane	20.0	21.1		ug/L	105%	80 - 123	9084184	08/27/09 00:10
Trichloroethene	20.0	22.9		ug/L	114%	74 - 139	9084184	08/27/09 00:10

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Resolve Environmental (2115)	Work Order:	NSH1915
	410 East Franklin Street	Project Name:	Warren County Landfill
	Monroe, NC 28112	Project Number:	[none]
Attn	Laura Minor	Received:	08/21/09 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
9084184-BS1								
Trichlorofluoromethane	20.0	19.5		ug/L	97%	60 - 133	9084184	08/27/09 00:10
1,2,3-Trichloropropane	20.0	18.8		ug/L	94%	64 - 127	9084184	08/27/09 00:10
Vinyl acetate	100	50.4		ug/L	50%	43 - 150	9084184	08/27/09 00:10
Vinyl chloride	20.0	20.3		ug/L	101%	60 - 122	9084184	08/27/09 00:10
Xylenes, total	60.0	58.0		ug/L	97%	78 - 134	9084184	08/27/09 00:10
Surrogate: 1,2-Dichloroethane-d4	30.0	31.8			106%	63 - 140	9084184	08/27/09 00:10
Surrogate: 1,2-Dichloroethane-d4	30.0	31.8			106%	63 - 140	9084184	08/27/09 00:10
Surrogate: Dibromofluoromethane	30.0	30.9			103%	73 - 131	9084184	08/27/09 00:10
Surrogate: Dibromofluoromethane	30.0	30.9			103%	73 - 131	9084184	08/27/09 00:10
Surrogate: Toluene-d8	30.0	27.3			91%	80 - 120	9084184	08/27/09 00:10
Surrogate: Toluene-d8	30.0	27.3			91%	80 - 120	9084184	08/27/09 00:10
Surrogate: 4-Bromofluorobenzene	30.0	29.0			97%	79 - 125	9084184	08/27/09 00:10
Surrogate: 4-Bromofluorobenzene	30.0	29.0			97%	79 - 125	9084184	08/27/09 00:10

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Resolve Environmental (2115)	Work Order:	NSH1915
	410 East Franklin Street	Project Name:	Warren County Landfill
	Monroe, NC 28112	Project Number:	[none]
Attn	Laura Minor	Received:	08/21/09 08:00

PROJECT QUALITY CONTROL DATA
LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Mercury by EPA Methods 7470A/7471A												
9083911-BSD1												
Mercury		0.000938		mg/L	0.00100	94%	80 - 120	2	20	9083911		08/31/09 15:27
Volatile Organic Compounds by EPA Method 8260B												
9083546-BSD1												
Acetone		150		ug/L	100	150%	56 - 150	9	31	9083546		08/26/09 12:32
Acrylonitrile		119		ug/L	100	119%	60 - 143	1	13	9083546		08/26/09 12:32
Benzene		20.5		ug/L	20.0	102%	80 - 121	2	12	9083546		08/26/09 12:32
Bromochloromethane		23.7		ug/L	20.0	118%	73 - 137	0	32	9083546		08/26/09 12:32
Bromodichloromethane		20.6		ug/L	20.0	103%	75 - 131	0.6	13	9083546		08/26/09 12:32
Bromoform		21.9		ug/L	20.0	110%	65 - 140	0.6	18	9083546		08/26/09 12:32
Bromomethane		21.3		ug/L	20.0	107%	50 - 150	0.9	50	9083546		08/26/09 12:32
2-Butanone		134		ug/L	100	134%	70 - 144	0.6	37	9083546		08/26/09 12:32
Carbon disulfide		24.6		ug/L	20.0	123%	74 - 137	1	28	9083546		08/26/09 12:32
Carbon Tetrachloride		22.1		ug/L	20.0	111%	71 - 137	0.3	26	9083546		08/26/09 12:32
Chlorobenzene		19.7		ug/L	20.0	99%	80 - 121	0.4	11	9083546		08/26/09 12:32
Chlorodibromomethane		19.5		ug/L	20.0	98%	68 - 137	0.5	16	9083546		08/26/09 12:32
Chloroethane		24.1		ug/L	20.0	120%	50 - 146	5	35	9083546		08/26/09 12:32
Chloroform		20.4		ug/L	20.0	102%	73 - 131	0.3	32	9083546		08/26/09 12:32
Chloromethane		14.2		ug/L	20.0	71%	30 - 132	1	34	9083546		08/26/09 12:32
Dibromomethane		22.2		ug/L	20.0	111%	78 - 133	3	11	9083546		08/26/09 12:32
trans-1,4-Dichloro-2-butene		23.4		ug/L	20.0	117%	28 - 150	3	19	9083546		08/26/09 12:32
1,2-Dichlorobenzene		20.6		ug/L	20.0	103%	80 - 125	2	11	9083546		08/26/09 12:32
1,4-Dichlorobenzene		18.8		ug/L	20.0	94%	80 - 120	2	10	9083546		08/26/09 12:32
1,2-Dichloroethane		21.0		ug/L	20.0	105%	70 - 134	0.4	25	9083546		08/26/09 12:32
1,1-Dichloroethane		20.0		ug/L	20.0	100%	75 - 125	2	34	9083546		08/26/09 12:32
1,1-Dichloroethene		24.4		ug/L	20.0	122%	73 - 125	3	31	9083546		08/26/09 12:32
trans-1,2-Dichloroethene		20.5		ug/L	20.0	102%	77 - 125	2	32	9083546		08/26/09 12:32
cis-1,2-Dichloroethene		20.7		ug/L	20.0	104%	71 - 132	0.9	32	9083546		08/26/09 12:32
1,2-Dichloropropane		18.1		ug/L	20.0	91%	72 - 120	2	11	9083546		08/26/09 12:32
trans-1,3-Dichloropropene		19.0		ug/L	20.0	95%	62 - 139	0.8	26	9083546		08/26/09 12:32
1,1,2-Trifluorotrichloroethane		24.8		ug/L	20.0	124%	73 - 134	2	17	9083546		08/26/09 12:32
cis-1,3-Dichloropropene		18.2		ug/L	20.0	91%	70 - 140	0.5	35	9083546		08/26/09 12:32
Diethyl ether		25.4		ug/L	20.0	127%	67 - 133	2	14	9083546		08/26/09 12:32
Ethylbenzene		20.9		ug/L	20.0	105%	78 - 133	0.8	12	9083546		08/26/09 12:32
2-Hexanone		129		ug/L	100	129%	60 - 150	0.3	20	9083546		08/26/09 12:32
Iodomethane		165	L	ug/L	100	165%	51 - 150	2	23	9083546		08/26/09 12:32
Methylene Chloride		25.7		ug/L	20.0	129%	80 - 133	1	36	9083546		08/26/09 12:32
4-Methyl-2-pentanone		108		ug/L	100	108%	62 - 146	0.6	35	9083546		08/26/09 12:32
Styrene		19.8		ug/L	20.0	99%	80 - 136	2	29	9083546		08/26/09 12:32
1,1,2,2-Tetrachloroethane		22.7		ug/L	20.0	113%	73 - 131	2	28	9083546		08/26/09 12:32
1,1,1,2-Tetrachloroethane		20.6		ug/L	20.0	103%	80 - 130	1	11	9083546		08/26/09 12:32

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Resolve Environmental (2115) 410 East Franklin Street Monroe, NC 28112	Work Order:	NSH1915
		Project Name:	Warren County Landfill
		Project Number:	[none]
Attn	Laura Minor	Received:	08/21/09 08:00

PROJECT QUALITY CONTROL DATA
LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
9083546-BSD1												
Tetrachloroethene		19.0		ug/L	20.0	95%	77 - 131	2	16	9083546		08/26/09 12:32
Tetrahydrofuran		204		ug/L	200	102%	42 - 145	0.6	14	9083546		08/26/09 12:32
Toluene		17.5		ug/L	20.0	88%	78 - 125	1	35	9083546		08/26/09 12:32
1,1,1-Trichloroethane		22.0		ug/L	20.0	110%	75 - 137	1	29	9083546		08/26/09 12:32
1,1,2-Trichloroethane		19.6		ug/L	20.0	98%	80 - 123	6	21	9083546		08/26/09 12:32
Trichloroethene		22.6		ug/L	20.0	113%	74 - 139	0.04	11	9083546		08/26/09 12:32
Trichlorofluoromethane		20.5		ug/L	20.0	103%	60 - 133	0.6	33	9083546		08/26/09 12:32
1,2,3-Trichloropropane		20.2		ug/L	20.0	101%	64 - 127	0.6	25	9083546		08/26/09 12:32
Vinyl acetate		65.8		ug/L	100	66%	43 - 150	0.09	15	9083546		08/26/09 12:32
Vinyl chloride		21.5		ug/L	20.0	108%	60 - 122	1	32	9083546		08/26/09 12:32
Xylenes, total		61.4		ug/L	60.0	102%	78 - 134	0.8	18	9083546		08/26/09 12:32
Surrogate: 1,2-Dichloroethane-d4		32.2		ug/L	30.0	107%	63 - 140			9083546		08/26/09 12:32
Surrogate: 1,2-Dichloroethane-d4		32.2		ug/L	30.0	107%	63 - 140			9083546		08/26/09 12:32
Surrogate: Dibromofluoromethane		31.4		ug/L	30.0	105%	73 - 131			9083546		08/26/09 12:32
Surrogate: Dibromofluoromethane		31.4		ug/L	30.0	105%	73 - 131			9083546		08/26/09 12:32
Surrogate: Toluene-d8		25.6		ug/L	30.0	85%	80 - 120			9083546		08/26/09 12:32
Surrogate: Toluene-d8		25.6		ug/L	30.0	85%	80 - 120			9083546		08/26/09 12:32
Surrogate: 4-Bromofluorobenzene		29.1		ug/L	30.0	97%	79 - 125			9083546		08/26/09 12:32
Surrogate: 4-Bromofluorobenzene		29.1		ug/L	30.0	97%	79 - 125			9083546		08/26/09 12:32
9084184-BSD1												
Acetone		152	L	ug/L	100	152%	56 - 150	10	31	9084184		08/27/09 00:38
Acrylonitrile		118		ug/L	100	118%	60 - 143	0.2	13	9084184		08/27/09 00:38
Benzene		20.6		ug/L	20.0	103%	80 - 121	2	12	9084184		08/27/09 00:38
Bromochloromethane		23.1		ug/L	20.0	116%	73 - 137	0.04	32	9084184		08/27/09 00:38
Bromodichloromethane		19.8		ug/L	20.0	99%	75 - 131	0.6	13	9084184		08/27/09 00:38
Bromoform		21.0		ug/L	20.0	105%	65 - 140	1	18	9084184		08/27/09 00:38
Bromomethane		17.6		ug/L	20.0	88%	50 - 150	5	50	9084184		08/27/09 00:38
2-Butanone		130		ug/L	100	130%	70 - 144	4	37	9084184		08/27/09 00:38
Carbon disulfide		24.1		ug/L	20.0	121%	74 - 137	0.8	28	9084184		08/27/09 00:38
Carbon Tetrachloride		21.0		ug/L	20.0	105%	71 - 137	0.7	26	9084184		08/27/09 00:38
Chlorobenzene		18.8		ug/L	20.0	94%	80 - 121	0.3	11	9084184		08/27/09 00:38
Chlorodibromomethane		19.0		ug/L	20.0	95%	68 - 137	0.7	16	9084184		08/27/09 00:38
Chloroethane		23.7		ug/L	20.0	119%	50 - 146	0.1	35	9084184		08/27/09 00:38
Chloroform		19.8		ug/L	20.0	99%	73 - 131	1	32	9084184		08/27/09 00:38
Chloromethane		13.5		ug/L	20.0	68%	30 - 132	0.8	34	9084184		08/27/09 00:38
Dibromomethane		22.4		ug/L	20.0	112%	78 - 133	2	11	9084184		08/27/09 00:38
trans-1,4-Dichloro-2-butene		19.8		ug/L	20.0	99%	28 - 150	1	19	9084184		08/27/09 00:38
1,2-Dichlorobenzene		19.8		ug/L	20.0	99%	80 - 125	0.8	11	9084184		08/27/09 00:38
1,4-Dichlorobenzene		18.3		ug/L	20.0	92%	80 - 120	0.9	10	9084184		08/27/09 00:38
1,2-Dichloroethane		20.6		ug/L	20.0	103%	70 - 134	2	25	9084184		08/27/09 00:38

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Resolve Environmental (2115)	Work Order:	NSH1915
	410 East Franklin Street	Project Name:	Warren County Landfill
	Monroe, NC 28112	Project Number:	[none]
Attn	Laura Minor	Received:	08/21/09 08:00

PROJECT QUALITY CONTROL DATA
LCS Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B												
9084184-BSD1												
1,1-Dichloroethane		20.0		ug/L	20.0	100%	75 - 125	0.05	34	9084184		08/27/09 00:38
1,1-Dichloroethene		23.4		ug/L	20.0	117%	73 - 125	1	31	9084184		08/27/09 00:38
trans-1,2-Dichloroethene		20.4		ug/L	20.0	102%	77 - 125	0.6	32	9084184		08/27/09 00:38
cis-1,2-Dichloroethene		19.5		ug/L	20.0	98%	71 - 132	0.1	32	9084184		08/27/09 00:38
1,2-Dichloropropane		18.7		ug/L	20.0	93%	72 - 120	0.9	11	9084184		08/27/09 00:38
trans-1,3-Dichloropropene		19.1		ug/L	20.0	95%	62 - 139	0.1	26	9084184		08/27/09 00:38
1,1,2-Trifluorotrichloroethane		22.9		ug/L	20.0	115%	73 - 134	0.6	17	9084184		08/27/09 00:38
cis-1,3-Dichloropropene		16.6		ug/L	20.0	83%	70 - 140	2	35	9084184		08/27/09 00:38
Diethyl ether		25.3		ug/L	20.0	126%	67 - 133	2	14	9084184		08/27/09 00:38
Ethylbenzene		20.0		ug/L	20.0	100%	78 - 133	0.3	12	9084184		08/27/09 00:38
2-Hexanone		125		ug/L	100	125%	60 - 150	2	20	9084184		08/27/09 00:38
Iodomethane		146		ug/L	100	146%	51 - 150	1	23	9084184		08/27/09 00:38
Methylene Chloride		25.1		ug/L	20.0	126%	80 - 133	0.3	36	9084184		08/27/09 00:38
4-Methyl-2-pentanone		120		ug/L	100	120%	62 - 146	11	35	9084184		08/27/09 00:38
Styrene		19.2		ug/L	20.0	96%	80 - 136	0.3	29	9084184		08/27/09 00:38
1,1,2,2-Tetrachloroethane		21.6		ug/L	20.0	108%	73 - 131	3	28	9084184		08/27/09 00:38
1,1,1,2-Tetrachloroethane		20.0		ug/L	20.0	100%	80 - 130	3	11	9084184		08/27/09 00:38
Tetrachloroethene		18.2		ug/L	20.0	91%	77 - 131	1	16	9084184		08/27/09 00:38
Tetrahydrofuran		204		ug/L	200	102%	42 - 145	2	14	9084184		08/27/09 00:38
Toluene		19.4		ug/L	20.0	97%	78 - 125	3	35	9084184		08/27/09 00:38
1,1,1-Trichloroethane		20.7		ug/L	20.0	104%	75 - 137	0.2	29	9084184		08/27/09 00:38
1,1,2-Trichloroethane		21.2		ug/L	20.0	106%	80 - 123	0.4	21	9084184		08/27/09 00:38
Trichloroethene		22.0		ug/L	20.0	110%	74 - 139	4	11	9084184		08/27/09 00:38
Trichlorofluoromethane		19.4		ug/L	20.0	97%	60 - 133	0.4	33	9084184		08/27/09 00:38
1,2,3-Trichloropropane		18.7		ug/L	20.0	93%	64 - 127	0.7	25	9084184		08/27/09 00:38
Vinyl acetate		60.0	R	ug/L	100	60%	43 - 150	17	15	9084184		08/27/09 00:38
Vinyl chloride		21.0		ug/L	20.0	105%	60 - 122	3	32	9084184		08/27/09 00:38
Xylenes, total		58.5		ug/L	60.0	97%	78 - 134	0.9	18	9084184		08/27/09 00:38
Surrogate: 1,2-Dichloroethane-d4		31.7		ug/L	30.0	106%	63 - 140			9084184		08/27/09 00:38
Surrogate: 1,2-Dichloroethane-d4		31.7		ug/L	30.0	106%	63 - 140			9084184		08/27/09 00:38
Surrogate: Dibromofluoromethane		31.4		ug/L	30.0	105%	73 - 131			9084184		08/27/09 00:38
Surrogate: Dibromofluoromethane		31.4		ug/L	30.0	105%	73 - 131			9084184		08/27/09 00:38
Surrogate: Toluene-d8		28.4		ug/L	30.0	95%	80 - 120			9084184		08/27/09 00:38
Surrogate: Toluene-d8		28.4		ug/L	30.0	95%	80 - 120			9084184		08/27/09 00:38
Surrogate: 4-Bromofluorobenzene		29.2		ug/L	30.0	97%	79 - 125			9084184		08/27/09 00:38
Surrogate: 4-Bromofluorobenzene		29.2		ug/L	30.0	97%	79 - 125			9084184		08/27/09 00:38

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Resolve Environmental (2115) 410 East Franklin Street Monroe, NC 28112	Work Order:	NSH1915
		Project Name:	Warren County Landfill
		Project Number:	[none]
Attn	Laura Minor	Received:	08/21/09 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Total Metals by EPA 6010C										
9084297-MS1										
Antimony	ND	0.0973		mg/L	0.100	97%	75 - 125	9084297	NSH1915-01	08/27/09 11:56
Arsenic	ND	0.0469		mg/L	0.0500	94%	75 - 125	9084297	NSH1915-01	08/27/09 11:56
Barium	0.0651	2.03		mg/L	2.00	98%	75 - 125	9084297	NSH1915-01	08/27/09 11:56
Beryllium	0.00160	0.0489		mg/L	0.0500	95%	75 - 125	9084297	NSH1915-01	08/27/09 11:56
Cadmium	ND	0.0478		mg/L	0.0500	96%	75 - 125	9084297	NSH1915-01	08/27/09 11:56
Chromium	ND	0.194		mg/L	0.200	97%	75 - 125	9084297	NSH1915-01	08/27/09 11:56
Cobalt	0.00510	0.476		mg/L	0.500	94%	75 - 125	9084297	NSH1915-01	08/27/09 11:56
Copper	0.00500	0.232		mg/L	0.250	91%	75 - 125	9084297	NSH1915-01	08/27/09 11:56
Lead	0.00380	0.0520		mg/L	0.0500	96%	75 - 125	9084297	NSH1915-01	08/27/09 11:56
Nickel	0.00420	0.464		mg/L	0.500	92%	75 - 125	9084297	NSH1915-01	08/27/09 11:56
Selenium	ND	0.0486		mg/L	0.0500	97%	75 - 125	9084297	NSH1915-01	08/27/09 11:56
Silver	ND	0.0474		mg/L	0.0500	95%	75 - 125	9084297	NSH1915-01	08/27/09 11:56
Thallium	ND	0.0481		mg/L	0.0500	96%	75 - 125	9084297	NSH1915-01	08/27/09 11:56
Vanadium	ND	0.479		mg/L	0.500	96%	75 - 125	9084297	NSH1915-01	08/27/09 11:56
Zinc	0.0261	0.490		mg/L	0.500	93%	75 - 125	9084297	NSH1915-01	08/27/09 11:56
Mercury by EPA Methods 7470A/7471A										
9083911-MS1										
Mercury	ND	0.000981		mg/L	0.00100	98%	75 - 125	9083911	NSH2270-06	08/31/09 15:53

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Resolve Environmental (2115)	Work Order:	NSH1915
	410 East Franklin Street	Project Name:	Warren County Landfill
	Monroe, NC 28112	Project Number:	[none]
Attn	Laura Minor	Received:	08/21/09 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Total Metals by EPA 6010C												
9084297-MSD1												
Antimony	ND	0.101		mg/L	0.100	101%	75 - 125	4	20	9084297	NSH1915-01	08/27/09 11:59
Arsenic	ND	0.0496		mg/L	0.0500	99%	75 - 125	6	20	9084297	NSH1915-01	08/27/09 11:59
Barium	0.0651	2.12		mg/L	2.00	103%	75 - 125	4	20	9084297	NSH1915-01	08/27/09 11:59
Beryllium	0.00160	0.0509		mg/L	0.0500	99%	75 - 125	4	20	9084297	NSH1915-01	08/27/09 11:59
Cadmium	ND	0.0497		mg/L	0.0500	99%	75 - 125	4	20	9084297	NSH1915-01	08/27/09 11:59
Chromium	ND	0.202		mg/L	0.200	101%	75 - 125	4	20	9084297	NSH1915-01	08/27/09 11:59
Cobalt	0.00510	0.494		mg/L	0.500	98%	75 - 125	4	20	9084297	NSH1915-01	08/27/09 11:59
Copper	0.00500	0.243		mg/L	0.250	95%	75 - 125	5	20	9084297	NSH1915-01	08/27/09 11:59
Lead	0.00380	0.0532		mg/L	0.0500	99%	75 - 125	2	20	9084297	NSH1915-01	08/27/09 11:59
Nickel	0.00420	0.483		mg/L	0.500	96%	75 - 125	4	20	9084297	NSH1915-01	08/27/09 11:59
Selenium	ND	0.0506		mg/L	0.0500	101%	75 - 125	4	20	9084297	NSH1915-01	08/27/09 11:59
Silver	ND	0.0491		mg/L	0.0500	98%	75 - 125	4	20	9084297	NSH1915-01	08/27/09 11:59
Thallium	ND	0.0499		mg/L	0.0500	100%	75 - 125	4	20	9084297	NSH1915-01	08/27/09 11:59
Vanadium	ND	0.504		mg/L	0.500	101%	75 - 125	5	20	9084297	NSH1915-01	08/27/09 11:59
Zinc	0.0261	0.514		mg/L	0.500	98%	75 - 125	5	20	9084297	NSH1915-01	08/27/09 11:59
Mercury by EPA Methods 7470A/7471A												
9083911-MSD1												
Mercury	ND	0.00101		mg/L	0.00100	101%	75 - 125	3	20	9083911	NSH2270-06	08/31/09 15:55

TestAmerica
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2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Resolve Environmental (2115)	Work Order:	NSH1915
	410 East Franklin Street	Project Name:	Warren County Landfill
	Monroe, NC 28112	Project Number:	[none]
Attn	Laura Minor	Received:	08/21/09 08:00

CERTIFICATION SUMMARY

TestAmerica Nashville

Method	Matrix	AIHA	Nelac	North Carolina
SW846 6010C	Water		X	X
SW846 7470A	Water	N/A	X	X
SW846 8260B	Water	N/A	X	X

2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	Resolve Environmental (2115)	Work Order:	NSH1915
	410 East Franklin Street	Project Name:	Warren County Landfill
	Monroe, NC 28112	Project Number:	[none]
Attn	Laura Minor	Received:	08/21/09 08:00

DATA QUALIFIERS AND DEFINITIONS

B	Analyte was detected in the associated Method Blank.
C	Calibration Verification recovery was above the method control limit for this analyte. Analyte not detected, data not impacted.
L	Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above the acceptance limits. Analyte not detected, data not impacted.
MNR1	There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike.
R	The RPD exceeded the method control limit. The individual analyte QA/QC recoveries, however, were within acceptance limits.
ND	Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING
Nashville, TN

COOLER RECEIP

NSH1915

Cooler Received/Opened On: 8/21/09 @ 8:00

1. Tracking # 9777 (last 4 digits, FedEx)

Courier: Fed-ex IR Gun ID: 95610068

2. Temperature of rep. sample or temp blank when opened: 1.1 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA

4. Were custody seals on outside of cooler? YES...NO...NA

   If yes, how many and where: 1 Front

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (intial) _____

7. Were custody seals on containers: YES NO and Intact YES...NO...NA

   Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

   b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # _____

I certify that I unloaded the cooler and answered questions 7-14 (intial) MW

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

   b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (intial) MW

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (intial) MW

I certify that I attached a label with the unique LIMS number to each container (intial) MW

21. Were there Non-Conformance issues at login? YES...NO Was a PIPE generated? YES...NO...#

BIS = Broken in shipment
Cooler Receipt Form.doc

LF-1
End of Form

Revised 6/24/09

TestAmerica INCORPORATED

NSH1915
09/04/09 23:59

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring: yes

Client Name: Resolve Client #: 2115
Address: 410 E Franklin St
City/State/Zip Code: Monroe NC 28112
Project Manager: Laura Minor
Telephone Number: 704-289-5881 Fax:
Sampler Name: (Print Name) Laura Minor
Sampler Signature: Laura Minor

Project Name: Warren County Landfill
Project #:
Site/Location ID: Warrenton State: NC
Report To: L. Minor
Invoice To: " "
Quote #: NC other PO#:

(TAT) Standard
___ Rush (surcharges may apply)
Date Needed:
Fax Results: Y (N)

Matrix: SL - Sludge, DW - Drinking Water, GW - Groundwater, S - Soil/Solid, WW - Wastewater, Specify Other
Preservation & # of Containers: HNO_3, HCl, NaOH, H_2SO_4, Methanol, None, Other (Specify)
Analyze For: App I VOCs-8260, App I Metals

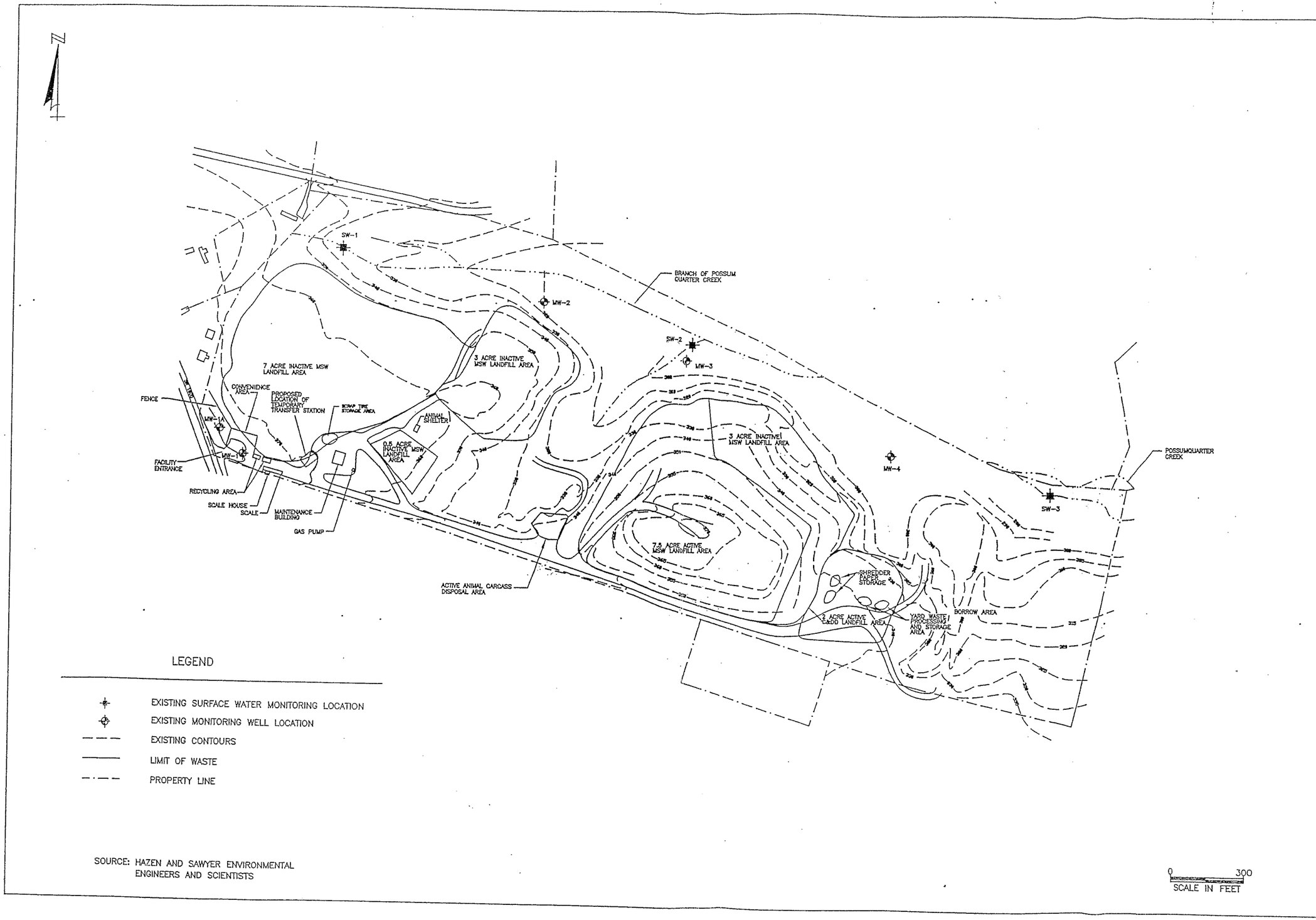
SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix	HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	App I VOCs-8260	App I Metals								REMARKS
MW-1A	8/19/09	1333	G	N	GW	1	3						X	X								NSH1915-01
MW-2	↓	1249	↓	↓	↓	↓	↓						X	X								02
MW-3	↓	1131	↓	↓	↓	↓	↓						X	X								03
MW-4	↓	1050	↓	↓	↓	↓	↓						X	X								04
SW-2	↓	1150	↓	↓	↓	↓	↓						X	X								05
SW-3	↓	1100	↓	↓	↓	↓	↓						X	X								06
Equipment Blank	↓	1032	↓	↓	↓	↓	↓						X									07
Trip Blank													X									08

QC Deliverables
___ None
___ Level 2 (Batch QC)
___ Level 3
___ Level 4
Other: _____

Special Instructions:

Relinquished By:	Date: 8/19/09	Time: 0830	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date: 8-21-09	Time: 0800

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp: 1.1c
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment:

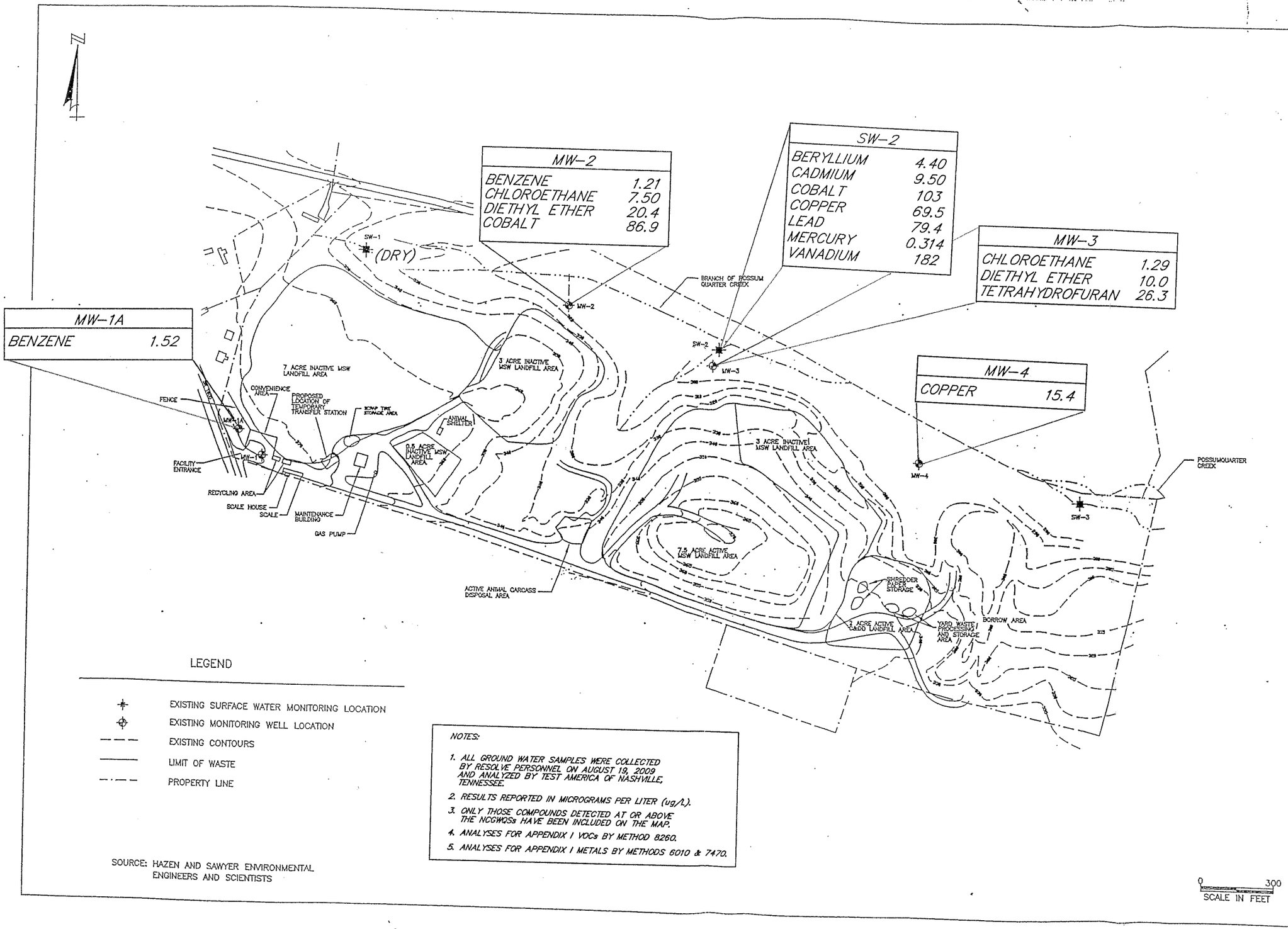


SOURCE: HAZEN AND SAWYER ENVIRONMENTAL ENGINEERS AND SCIENTISTS

RESOLVE ENVIRONMENTAL SERVICES, P.A.
MONROE, NORTH CAROLINA

FIGURE 2.
SAMPLING LOCATION MAP

WARREN COUNTY LANDFILL
WARRENTON, NORTH CAROLINA



LEGEND

- EXISTING SURFACE WATER MONITORING LOCATION
- EXISTING MONITORING WELL LOCATION
- EXISTING CONTOURS
- LIMIT OF WASTE
- PROPERTY LINE

SOURCE: HAZEN AND SAWYER ENVIRONMENTAL ENGINEERS AND SCIENTISTS

NOTES:

1. ALL GROUND WATER SAMPLES WERE COLLECTED BY RESOLVE PERSONNEL ON AUGUST 19, 2009 AND ANALYZED BY TEST AMERICA OF NASHVILLE, TENNESSEE.
2. RESULTS REPORTED IN MICROGRAMS PER LITER (ug/L).
3. ONLY THOSE COMPOUNDS DETECTED AT OR ABOVE THE NCGWQSs HAVE BEEN INCLUDED ON THE MAP.
4. ANALYSES FOR APPENDIX I VOCs BY METHOD 8260.
5. ANALYSES FOR APPENDIX I METALS BY METHODS 6010 & 7470.

RESOLVE ENVIRONMENTAL SERVICES, P.A.
MONROE, NORTH CAROLINA

FIGURE 3.
SITE LAYOUT MAP WITH ASSOCIATED ANALYTICAL RESULTS

WARREN COUNTY LANDFILL
WARRENTON, NORTH CAROLINA