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

NC DENR
Division of Waste Management - Solid Waste

Environmental Monitoring Reporting Form

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

Instructions:

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

Solid Waste Monitoring Data Submittal Information

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

Municipal Engineering Services Company, P.A.

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

Name: Jonathan Pfohl Phone: (919) 772-5393

E-mail: jpfohl@mesco.com

Facility name:	Facility Address:	Facility Permit #	NC Landfill Rule: (.0500 or .1600)	Actual sampling dates (e.g., October 20-24, 2006)
Yadkin County New Closed MSWLF and Closed C&D Landfill	Sugartown Road (SR 1623) Yadkinville, NC 27055	99-02	.0500	August 18, 2010

Environmental Status: (Check all that apply)

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

Type of data submitted: (Check all that apply)

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

Notification attached?

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

Certification

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

Mark Brown, LG, PG — Senior Professional Geologist — (919) 772-5393

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

Signature — 11/17/10 Date — Affix NC Licensed/ Professional Geologist Seal

P.O. BOX 97, Garner, NC 27529

Facility Representative Address

C-0281

NC PE Firm License Number (if applicable effective May 1, 2009)

Revised 6/2009

Semi-Annual Water Quality Monitoring Report

Prepared for

Yadkin County New Closed MSWLF and Closed C&D Landfill
Yadkinville, North Carolina

August 2010

Permit Number: 99-02
MESCO Project Number: G10017.0

Submitted on November 19, 2010

Municipal Services Garner, NC
Engineering Company, P.A. Boone, NC
Municipal Engineering Services Company, P.A.
Garner, Boone and Morehead City, North Carolina

OPERATION/CONSTRUCTION MANAGERS

Municipal Services

CIVIL/SANITARY ENGINEERS

Engineering Company, P.A.

November 17, 2010

Mr. Ervin Lane
Solid Waste Section
Division of Waste Management
North Carolina Department of Environment and Natural Resources
401 Oberlin Road, Suite 150
Raleigh, NC 27605

Re: Water Quality Sampling and Analysis
Yadkin County New Closed MSWLF and Closed C&D Landfill
Permit No. 99-02
MESCO Project No. G10017.0

Dear Mr. Lane:

Introduction

The groundwater and surface water surrounding the Yadkin County New Closed unlined municipal solid waste (MSWLF) and closed C&D Landfill facility located near Yadkinville, NC were sampled and analyzed as part of the semi-annual water quality monitoring program. This facility operated under permit #99-02 and is required to submit semi-annual compliance reports as a condition of 15A NCAC 13B.0600. This sampling event was conducted on August 18, 2010 and performed in accordance with the semi-annual monitoring schedule prescribed by the NC Solid Waste Section rules/regulations.

The monitoring program outlined in the approved *Sampling and Analysis Plan* (SAP) consists of eleven monitoring locations, including nine groundwater wells and two surface water sampling points. This report includes a summary of sampling procedures, field and laboratory results, and our findings. A single-day potentiometric map and copy of the laboratory analytical report are included.

Sampling Procedure

Municipal Engineering Services Company, P.A. (MESCO) performed this sampling event in accordance with the site-specific approved SAP. This sampling event included collecting water samples from eight down gradient groundwater monitoring wells (MW-2, MW-3, MW-4, MW-5S, MW-5D, MW-6, MW-7 and MW-8), one background well (MW-1), and two surface water points (SW-1 and SW-2). Monitoring locations are presented on **Plate A**.

Water samples were collected in general accordance with the *Solid Waste Section Guidelines for Groundwater, Soil, and Surface Water Sampling* revised April 2008. The depth to water in each well was gaged with an electronic water level meter prior to purging to quantify the static groundwater elevations. In addition to the required field measurements (pH, specific conductance, temperature), dissolved oxygen (DO) and total dissolved solids (TDS) were also quantified to discern the water quality. Samples were collected by MESCO personnel in laboratory-prepared, pre-preserved containers. Low-flow (peristaltic) pumps or disposable balers were used to purge the wells a minimum of three times the well volume or until dry. Groundwater samples were collected via a new, disposable baler.

Samples were collected, separated based on potential cross-contamination, kept upon ice, and transported to Pace Analytical Laboratories Inc. (PACE), Huntersville, NC under proper chain of custody (COC) protocol within the specified hold times for each analysis.

PO Box 97, Garner, North Carolina 27529 (919) 772-5393
PO Box 828, Morehead City, NC 28557 (252) 726-9481 PO Box 349, Boone, North Carolina 28607 (828) 262-1767

Field and Laboratory Results

Groundwater and surface water samples were analyzed for the 40 CFR Part 258, Appendix I (Appendix I) list of volatile organic compounds (VOCs) by EPA Test Method 8260B and total unfiltered metals via EPA Test Method 6010. Quality control measures were implemented during this event, including submittal and subsequent quantification of blanks for VOC laboratory analysis.

Water samples were analyzed using Method Detection Limits (MDL) with reference to the Solid Waste Section detection limit (SWSL). Detected constituents were compared to the North Carolina Groundwater Standards (2L Standards), the Solid Waste Section Groundwater Protection Standards (GWP) where a 2L Standard has not been established, or the North Carolina Surface Water Standards (2B Standards). The results are summarized on the detection scan, included as **Table 1**.

Chromium was detected above its 2L Standard in background well MW-1.

VOCs detected above their respective 2L Standards included 1,2-dichloroethane in MW-2 and benzene in MW-4.

There were no detections above the 2B Standard in the surface water samples.

Findings

The facility will continue monitoring and is tentatively scheduled to be sampled again in February 2011. If you have any questions or comments regarding this report, please contact us by phone at (919) 772-5393 or by email at jpfohl@mesco.com or mbrown@mesco.com.

Sincerely,
MUNICIPAL ENGINEERING SERVICES CO., P.A.

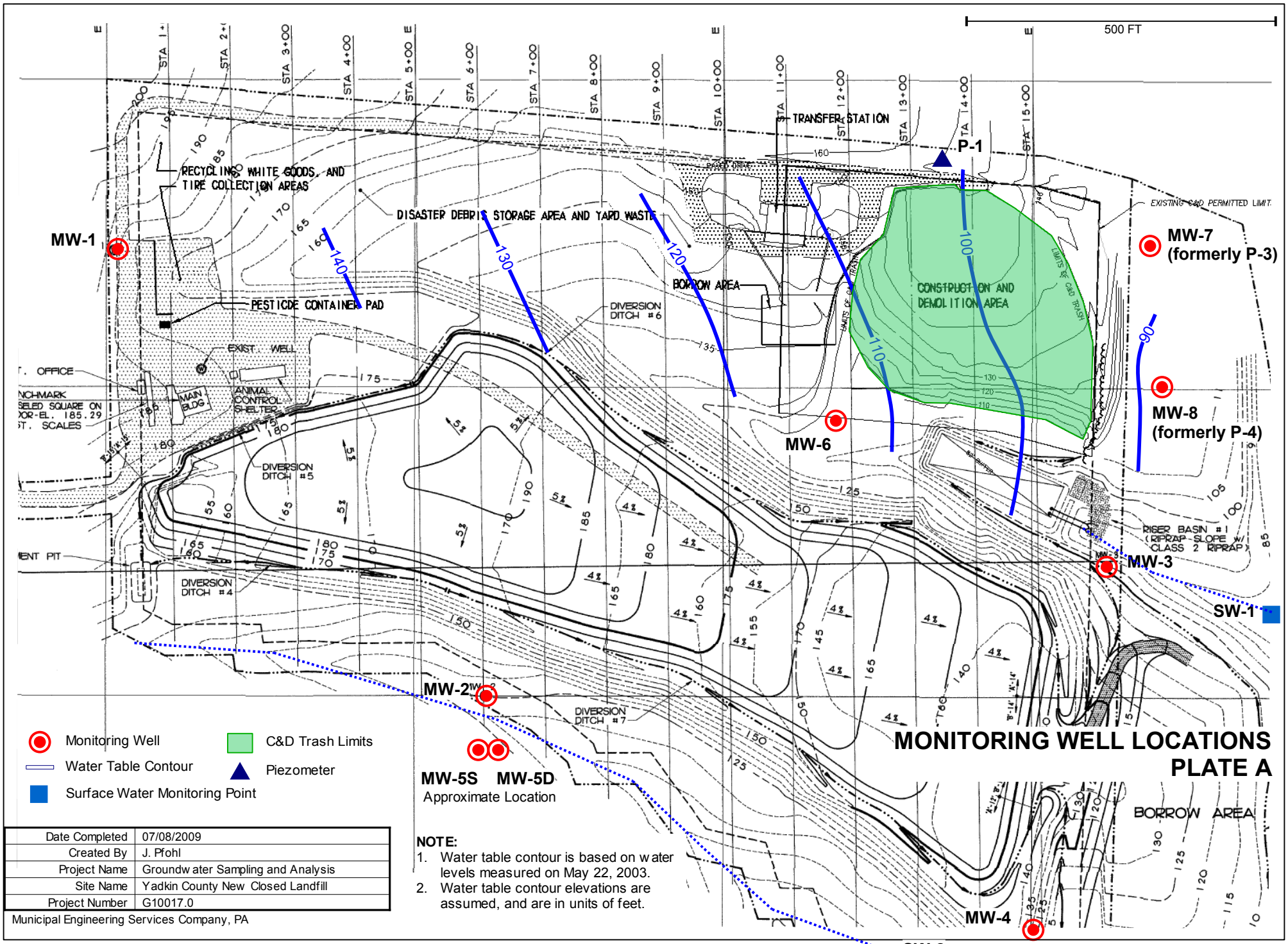
Madeline German for Jonathan Pfohl
Environmental Specialist

Mark Brown, LG, PG
Senior Professional Geologist

Enclosures

cc: Ms. Cheri Cranfill
Yadkin County

Single-Day Potentiometric Map



NOTE:
1. Water table contour is based on water levels measured on May 22, 2003.
2. Water table contour elevations are assumed, and are in units of feet.

Date Completed	07/08/2009
Created By	J. Pfohl
Project Name	Groundwater Sampling and Analysis
Site Name	Yadkin County New Closed Landfill
Project Number	G10017.0

Municipal Engineering Services Company, PA

Tables

Table 1
Appendix I VOCs and Metal Detections above SWSL, GWP, 2L, or 2B
Yadkin County Closed MSWLF and Closed C&D Landfill

Well ID	Parameter Name [1]	Sample Date	Result	Unit	MDL [2]	SWSL [3]	2L [4]	2B [5]	GWP [6]	Exceedance	Preliminary Cause
MW-1	Antimony	8/18/2010	4.2	ug/L	2.6	6			1		
MW-1	**Chromium**	**8/18/2010**	**78**	**ug/L**	**0.4**	**10**	**50**			**28**	**B**
MW-1	Cobalt	8/18/2010	42.2	ug/L	0.6	10		70	70		
MW-1	Barium	8/18/2010	480	ug/L	0.2	100	700				
MW-1	Beryllium	8/18/2010	2.4	ug/L	0.1	1		2	4		
MW-1	Copper	8/18/2010	50.1	ug/L	0.3	10	1000				
MW-1	Vanadium	8/18/2010	123	ug/L	0.2	25		3.5	3.5		
MW-1	Zinc	8/18/2010	79.5	ug/L	0.4	10	1050				
MW-1	Lead	8/18/2010	10.1	ug/L	4	10	15				
MW-1	Nickel	8/18/2010	60.9	ug/L	1.7	50	100				
MW-2	Barium	8/18/2010	341	ug/L	0.2	100	700				
MW-2	Thallium	8/18/2010	3.1	ug/L	3	5.5			0.28		
MW-2	Toluene	8/18/2010	17.7	ug/L	0.26	1	600				
MW-2	Cobalt	8/18/2010	122	ug/L	0.6	10		70	70		
MW-2	Ethylbenzene	8/18/2010	1.7	ug/L	0.3	1	600				
MW-2	1,4-Dichlorobenzene	8/18/2010	2.4	ug/L	0.33	1	6				
MW-2	**1,2-Dichloroethane**	**8/18/2010**	**1.1**	**ug/L**	**0.12**	**1**	**0.38**			**0.72**	**L & /or LFG**
MW-2	Zinc	8/18/2010	277	ug/L	0.4	10	1050				
MW-3	Cobalt	8/18/2010	15.2	ug/L	0.6	10		70	70		
MW-3	Zinc	8/18/2010	23.3	ug/L	0.4	10	1050				
MW-3	Vanadium	8/18/2010	11.9	ug/L	0.2	25		3.5	3.5		
MW-4	Zinc	8/18/2010	24.4	ug/L	0.4	10	1050				
MW-4	**Benzene**	**8/18/2010**	**1.2**	**ug/L**	**0.25**	**1**	**1**			**0.2**	**L & /or LFG**
MW-4	Vanadium	8/18/2010	14.5	ug/L	0.2	25		3.5	3.5		
MW-5D	Thallium	8/18/2010	4.1	ug/L	3	5.5			0.28		
MW-5S	Thallium	8/18/2010	3.5	ug/L	3	5.5			0.28		
MW-6	Zinc	8/18/2010	16.2	ug/L	0.4	10	1050				
MW-6	Antimony	8/18/2010	2.7	ug/L	2.6	6			1		
MW-8	Zinc	8/18/2010	33.1	ug/L	0.4	10	1050				
MW-8	Cadmium	8/18/2010	1.2	ug/L	0.5	1	2				
MW-8	Beryllium	8/18/2010	1.2	ug/L	0.1	1		2	4		
MW-8	Barium	8/18/2010	225	ug/L	0.2	100	700				
MW-8	Vanadium	8/18/2010	9.5	ug/L	0.2	25		3.5	3.5		
SW-1	Zinc	8/18/2010	15.6	ug/L	0.4	10	1050	50			
SW-1	Vanadium	8/18/2010	4.2	ug/L	0.2	25		3.5	3.5		
TB	Methylene Chloride	8/18/2010	1.6	ug/L	0.97	1	4.6				

[1] Table contains only constituents detected above SWSL, GWP, 2L, or 2B
[2] MDL = Method Detection Limit
[3] SWSL = Solid Waste Section Reporting Limit (Current as of Sampling Event)
[4] 2L = North Carolina 15A NCAC 2L Groundwater Qualtity Standard (Current as of Sampling Event)
[6] 2B = North Carolina 15 NCAC 2B Surface Water Quality Standard for this Specific Stream Classification (Current as of Sampling Even
[7] GWP = Groundwater Protection Standard (Current as of Sampling Event)
L = Leachate
LFG = Landfill Gas
B = Background
BOLD = Concentration > 2L, or 2B Standard (Current as of Sampling Event)

Table 2
Field Observations of Monitoring Locations
Yadkin County New Closed MSWLF and Closed C&D Landfill
August 18, 2010 Sampling Event

Sample Location	Viable Monitoring Location	Lack of Any Evidence of Tampering	Locked	Hinge/Hasp Operates	Tagged or Labeled	Concrete Surface Pad Effective	Degree of Visual Turbidity of Collected Sample	Comments
MW-1	Yes	Yes	Yes	Yes	Yes	Yes	Slight	
MW-2	Yes	Yes	Yes	Yes	Yes	Yes	Clear	
MW-3	Yes	Yes	Yes	Yes	Yes	Yes	Clear	
MW-4	Yes	Yes	Yes	Yes	Yes	Yes	Clear	
MW-5S	Yes	Yes	Yes	Yes	Yes	Yes	Clear	
MW-5D	Yes	Yes	Yes	Yes	Yes	Yes	Clear	
MW-6	Yes	Yes	Yes	Yes	Yes	Yes	Clear	
MW-7	Yes	Yes	Yes	Yes	Yes	Yes	Clear	
MW-8	Yes	Yes	Yes	Yes	Yes	Yes	Clear	
SW-1	Yes	-	-	-	-	-	Clear	
SW-2	Yes	-	-	-	-	-	Clear	

Any unusual field conditions, observations, or events:

None

Table 3
Summary of Field Parameter Data
Yadkin County New Closed MSWLF and Closed C&D Landfill
August 18, 2010 Sampling Event

Parameter	WLR (BTOC)*	Water Elevation	TOC Elevation	Temp.	ORP	DO	pH	Specific Conductance	TDS	Turbidity
Units	ft	ft (amsl)	ft (amsl)	C	mV	mg/L	SU	umhos/cm	mg/L	Visual
MW-1	32.37	NA	NA	16.1	173	NR	5.61	86	41	Slight
MW-2	10.31	NA	NA	15.5	167	NR	5.50	186	90	Clear
MW-3	8.26	NA	NA	14.7	31	NR	6.26	203	101	Slight
MW-4	9.16	NA	NA	14.5	119	NR	5.61	181	79	Clear
MW-5S	5.48	NA	NA	13.9	25	NR	6.70	186	91	Clear
MW-5D	11.54	NA	NA	15.0	-80	NR	7.49	326	168	Clear
MW-6	16.02	NA	NA	16.0	219	NR	5.17	38	15	Clear
MW-7	38.89	NA	NA	14.9	207	NR	5.52	38	17	Clear
MW-8	39.55	NA	NA	16.2	201	NR	5.19	61	28	Clear
Minimum	5.48	NA	NA	13.9	-80	NR	5.17	38	15	Clear
Maximum	39.55	NA	NA	16.2	219	NR	7.49	326	168	Slight
Average	19.06	NA	NA	15.2	118	NR	5.89	145	70	Clear
SW-1	-	-	-	22.3	69	NR	6.93	203	106	Clear
SW-2	-	-	-	21.8	73	NR	6.98	217	111	Clear
Minimum	-	-	-	21.8	69	NR	6.93	203	106	Clear
Maximum	-	-	-	22.3	73	NR	6.98	217	111	Clear
Average	-	-	-	22.05	71	NR	6.96	210	108.5	Clear

NR = No Reading Attempted

* = All Water Level Readings Taken on 8/18/10

Laboratory Results

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

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

August 31, 2010

Mr. Jonathan Pfohl
Municipal Engineering Services
PO Box 97
Garner, NC 27529

RE: Project: Yadkin New Closed MSWLF
Pace Project No.: 9276016

Dear Mr. Pfohl:
Enclosed are the analytical results for sample(s) received by the laboratory on August 20, 2010. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

Inorganic Wet Chemistry and Metals analyses were performed at our Pace Asheville laboratory and Organic testing was performed at our Pace Huntersville laboratory unless otherwise footnoted. All Microbiological analyses were performed at the laboratory where the samples were received.

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

Sincerely,

Kevin Godwin

kevin.godwin@pacelabs.com
Project Manager

Enclosures

cc: Ms. Maggie German, Municipal Engineering Services

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(704)875-9092

CERTIFICATIONS

Project: Yadkin New Closed MSWLF
Pace Project No.: 9276016

Charlotte Certification IDs

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

Asheville Certification IDs

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

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(704)875-9092

SAMPLE SUMMARY

Project: Yadkin New Closed MSWLF
Pace Project No.: 9276016

Lab ID	Sample ID	Matrix	Date Collected	Date Received
9276016001	**MW-1**	Water	08/18/10 11:15	08/20/10 16:15
9276016002	**MW-2**	Water	08/18/10 17:00	08/20/10 16:15
9276016003	**MW-3**	Water	08/18/10 12:00	08/20/10 16:15
9276016004	**MW-4**	Water	08/18/10 14:30	08/20/10 16:15
9276016005	**MW-5S**	Water	08/18/10 16:25	08/20/10 16:15
9276016006	**MW-5D**	Water	08/18/10 15:50	08/20/10 16:15
9276016007	**MW-6**	Water	08/18/10 09:30	08/20/10 16:15
9276016008	**MW-7**	Water	08/18/10 10:00	08/20/10 16:15
9276016009	**MW-8**	Water	08/18/10 10:30	08/20/10 16:15
9276016010	**SW-1**	Water	08/18/10 12:10	08/20/10 16:15
9276016011	**SW-2**	Water	08/18/10 13:50	08/20/10 16:15
9276016012	**TB**	Water	08/18/10 00:00	08/20/10 16:15
9276016013	**EB**	Water	08/18/10 09:00	08/20/10 16:15
9276016014	**FB**	Water	08/18/10 09:10	08/20/10 16:15

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(704)875-9092

SAMPLE ANALYTE COUNT

Project: Yadkin New Closed MSWLF
Pace Project No.: 9276016

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
9276016001	**MW-1**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	52	PASI-C
9276016002	**MW-2**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	52	PASI-C
9276016003	**MW-3**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	52	PASI-C
9276016004	**MW-4**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	52	PASI-C
9276016005	**MW-5S**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	52	PASI-C
9276016006	**MW-5D**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	52	PASI-C
9276016007	**MW-6**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	52	PASI-C
9276016008	**MW-7**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	52	PASI-C
9276016009	**MW-8**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	52	PASI-C
9276016010	**SW-1**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	52	PASI-C
9276016011	**SW-2**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	52	PASI-C
9276016012	**TB**	EPA 8260	MCK	52	PASI-C
9276016013	**EB**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	52	PASI-C
9276016014	**FB**	EPA 8260	MCK	52	PASI-C

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(828)254-7176

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

ANALYTICAL RESULTS

Project: Yadkin New Closed MSWLF
Pace Project No.: 9276016

Sample: MW-1 **Lab ID: 9276016001** Collected: 08/18/10 11:15 Received: 08/20/10 16:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	**4.2J**	ug/L	6.0	2.6	1	08/23/10 13:00	08/27/10 23:25	7440-36-0	
Arsenic	ND	ug/L	10.0	2.7	1	08/23/10 13:00	08/27/10 23:25	7440-38-2	
Barium	**480**	ug/L	100	0.20	1	08/23/10 13:00	08/27/10 23:25	7440-39-3	
Beryllium	**2.4**	ug/L	1.0	0.10	1	08/23/10 13:00	08/27/10 23:25	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	08/23/10 13:00	08/27/10 23:25	7440-43-9	
Chromium	**78.0**	ug/L	10.0	0.40	1	08/23/10 13:00	08/27/10 23:25	7440-47-3	
Cobalt	**42.2**	ug/L	10.0	0.60	1	08/23/10 13:00	08/27/10 23:25	7440-48-4	
Copper	**50.1**	ug/L	10.0	0.30	1	08/23/10 13:00	08/27/10 23:25	7440-50-8	
Lead	**10.1**	ug/L	10.0	4.0	1	08/23/10 13:00	08/27/10 23:25	7439-92-1	
Nickel	**60.9**	ug/L	50.0	1.7	1	08/23/10 13:00	08/27/10 23:25	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	08/23/10 13:00	08/27/10 23:25	7782-49-2	
Silver	**0.19J**	ug/L	10.0	0.10	1	08/23/10 13:00	08/27/10 23:25	7440-22-4	
Thallium	ND	ug/L	5.5	3.0	1	08/23/10 13:00	08/27/10 23:25	7440-28-0	
Vanadium	**123**	ug/L	25.0	0.20	1	08/23/10 13:00	08/27/10 23:25	7440-62-2	
Zinc	**79.5**	ug/L	10.0	0.40	1	08/23/10 13:00	08/27/10 23:25	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Acetone	**2.4J**	ug/L	100	2.2	1		08/22/10 17:10	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		08/22/10 17:10	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		08/22/10 17:10	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		08/22/10 17:10	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		08/22/10 17:10	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		08/22/10 17:10	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		08/22/10 17:10	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		08/22/10 17:10	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		08/22/10 17:10	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		08/22/10 17:10	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		08/22/10 17:10	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		08/22/10 17:10	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		08/22/10 17:10	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		08/22/10 17:10	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		08/22/10 17:10	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		08/22/10 17:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		08/22/10 17:10	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		08/22/10 17:10	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		08/22/10 17:10	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		08/22/10 17:10	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		08/22/10 17:10	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		08/22/10 17:10	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		08/22/10 17:10	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		08/22/10 17:10	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		08/22/10 17:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		08/22/10 17:10	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		08/22/10 17:10	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		08/22/10 17:10	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		08/22/10 17:10	10061-01-5	

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ANALYTICAL RESULTS

Project: Yadkin New Closed MSWLF
Pace Project No.: 9276016

Sample: MW-1 **Lab ID: 9276016001** Collected: 08/18/10 11:15 Received: 08/20/10 16:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		08/22/10 17:10	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/22/10 17:10	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		08/22/10 17:10	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		08/22/10 17:10	74-88-4	
Methylene Chloride	ND	ug/L	1.0	0.97	1		08/22/10 17:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		08/22/10 17:10	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		08/22/10 17:10	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		08/22/10 17:10	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		08/22/10 17:10	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		08/22/10 17:10	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		08/22/10 17:10	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		08/22/10 17:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		08/22/10 17:10	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		08/22/10 17:10	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		08/22/10 17:10	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		08/22/10 17:10	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		08/22/10 17:10	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		08/22/10 17:10	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		08/22/10 17:10	1330-20-7	
4-Bromofluorobenzene (S)	95	%	70-130		1		08/22/10 17:10	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		08/22/10 17:10	1868-53-7	
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		08/22/10 17:10	17060-07-0	
Toluene-d8 (S)	98	%	70-130		1		08/22/10 17:10	2037-26-5	

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ANALYTICAL RESULTS

Project: Yadkin New Closed MSWLF
Pace Project No.: 9276016

Sample: MW-2 **Lab ID: 9276016002** Collected: 08/18/10 17:00 Received: 08/20/10 16:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	6.0	2.6	1	08/23/10 13:00	08/27/10 23:28	7440-36-0	
Arsenic	**5.2J**	ug/L	10.0	2.7	1	08/23/10 13:00	08/27/10 23:28	7440-38-2	
Barium	**341**	ug/L	100	0.20	1	08/23/10 13:00	08/27/10 23:28	7440-39-3	
Beryllium	**0.44J**	ug/L	1.0	0.10	1	08/23/10 13:00	08/27/10 23:28	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	08/23/10 13:00	08/27/10 23:28	7440-43-9	
Chromium	**1.1J**	ug/L	10.0	0.40	1	08/23/10 13:00	08/27/10 23:28	7440-47-3	
Cobalt	**122**	ug/L	10.0	0.60	1	08/23/10 13:00	08/27/10 23:28	7440-48-4	
Copper	ND	ug/L	10.0	0.30	1	08/23/10 13:00	08/27/10 23:28	7440-50-8	
Lead	ND	ug/L	10.0	4.0	1	08/23/10 13:00	08/27/10 23:28	7439-92-1	
Nickel	**29.1J**	ug/L	50.0	1.7	1	08/23/10 13:00	08/27/10 23:28	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	08/23/10 13:00	08/27/10 23:28	7782-49-2	
Silver	ND	ug/L	10.0	0.10	1	08/23/10 13:00	08/27/10 23:28	7440-22-4	
Thallium	**3.1J**	ug/L	5.5	3.0	1	08/23/10 13:00	08/27/10 23:28	7440-28-0	
Vanadium	**2.4J**	ug/L	25.0	0.20	1	08/23/10 13:00	08/27/10 23:28	7440-62-2	
Zinc	**277**	ug/L	10.0	0.40	1	08/23/10 13:00	08/27/10 23:28	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Acetone	**20.8J**	ug/L	100	2.2	1		08/22/10 17:35	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		08/22/10 17:35	107-13-1	
Benzene	**0.95J**	ug/L	1.0	0.25	1		08/22/10 17:35	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		08/22/10 17:35	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		08/22/10 17:35	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		08/22/10 17:35	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		08/22/10 17:35	74-83-9	
2-Butanone (MEK)	**8.6J**	ug/L	100	0.96	1		08/22/10 17:35	78-93-3	
Carbon disulfide	**3.9J**	ug/L	100	1.2	1		08/22/10 17:35	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		08/22/10 17:35	56-23-5	
Chlorobenzene	**1.2J**	ug/L	3.0	0.23	1		08/22/10 17:35	108-90-7	
Chloroethane	**1.4J**	ug/L	10.0	0.54	1		08/22/10 17:35	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		08/22/10 17:35	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		08/22/10 17:35	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		08/22/10 17:35	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		08/22/10 17:35	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		08/22/10 17:35	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		08/22/10 17:35	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		08/22/10 17:35	95-50-1	
1,4-Dichlorobenzene	**2.4**	ug/L	1.0	0.33	1		08/22/10 17:35	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		08/22/10 17:35	110-57-6	
1,1-Dichloroethane	**4.6J**	ug/L	5.0	0.32	1		08/22/10 17:35	75-34-3	
1,2-Dichloroethane	**1.1**	ug/L	1.0	0.12	1		08/22/10 17:35	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		08/22/10 17:35	75-35-4	
cis-1,2-Dichloroethene	**2.2J**	ug/L	5.0	0.19	1		08/22/10 17:35	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		08/22/10 17:35	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		08/22/10 17:35	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		08/22/10 17:35	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		08/22/10 17:35	10061-01-5	

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ANALYTICAL RESULTS

Project: Yadkin New Closed MSWLF
Pace Project No.: 9276016

Sample: MW-2 **Lab ID: 9276016002** Collected: 08/18/10 17:00 Received: 08/20/10 16:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		08/22/10 17:35	10061-02-6	
Ethylbenzene	**1.7**	ug/L	1.0	0.30	1		08/22/10 17:35	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		08/22/10 17:35	591-78-6	
Iodomethane	**5.1J**	ug/L	10.0	0.32	1		08/22/10 17:35	74-88-4	
Methylene Chloride	ND	ug/L	1.0	0.97	1		08/22/10 17:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		08/22/10 17:35	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		08/22/10 17:35	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		08/22/10 17:35	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		08/22/10 17:35	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		08/22/10 17:35	127-18-4	
Toluene	**17.7**	ug/L	1.0	0.26	1		08/22/10 17:35	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		08/22/10 17:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		08/22/10 17:35	79-00-5	
Trichloroethene	**0.47J**	ug/L	1.0	0.47	1		08/22/10 17:35	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		08/22/10 17:35	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		08/22/10 17:35	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		08/22/10 17:35	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		08/22/10 17:35	75-01-4	
Xylene (Total)	**1.5J**	ug/L	5.0	0.66	1		08/22/10 17:35	1330-20-7	
4-Bromofluorobenzene (S)	96	%	70-130		1		08/22/10 17:35	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		1		08/22/10 17:35	1868-53-7	
1,2-Dichloroethane-d4 (S)	102	%	70-130		1		08/22/10 17:35	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		08/22/10 17:35	2037-26-5	

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ANALYTICAL RESULTS

Project: Yadkin New Closed MSWLF
Pace Project No.: 9276016

Sample: MW-3 **Lab ID: 9276016003** Collected: 08/18/10 12:00 Received: 08/20/10 16:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	6.0	2.6	1	08/23/10 13:00	08/27/10 23:31	7440-36-0	
Arsenic	**2.9J**	ug/L	10.0	2.7	1	08/23/10 13:00	08/27/10 23:31	7440-38-2	
Barium	**66.2J**	ug/L	100	0.20	1	08/23/10 13:00	08/27/10 23:31	7440-39-3	
Beryllium	**0.45J**	ug/L	1.0	0.10	1	08/23/10 13:00	08/27/10 23:31	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	08/23/10 13:00	08/27/10 23:31	7440-43-9	
Chromium	**7.2J**	ug/L	10.0	0.40	1	08/23/10 13:00	08/27/10 23:31	7440-47-3	
Cobalt	**15.2**	ug/L	10.0	0.60	1	08/23/10 13:00	08/27/10 23:31	7440-48-4	
Copper	**4.4J**	ug/L	10.0	0.30	1	08/23/10 13:00	08/27/10 23:31	7440-50-8	
Lead	ND	ug/L	10.0	4.0	1	08/23/10 13:00	08/27/10 23:31	7439-92-1	
Nickel	**9.3J**	ug/L	50.0	1.7	1	08/23/10 13:00	08/27/10 23:31	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	08/23/10 13:00	08/27/10 23:31	7782-49-2	
Silver	ND	ug/L	10.0	0.10	1	08/23/10 13:00	08/27/10 23:31	7440-22-4	
Thallium	ND	ug/L	5.5	3.0	1	08/23/10 13:00	08/27/10 23:31	7440-28-0	
Vanadium	**11.9J**	ug/L	25.0	0.20	1	08/23/10 13:00	08/27/10 23:31	7440-62-2	
Zinc	**23.3**	ug/L	10.0	0.40	1	08/23/10 13:00	08/27/10 23:31	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Acetone	**2.4J**	ug/L	100	2.2	1		08/22/10 18:01	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		08/22/10 18:01	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		08/22/10 18:01	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		08/22/10 18:01	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		08/22/10 18:01	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		08/22/10 18:01	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		08/22/10 18:01	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		08/22/10 18:01	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		08/22/10 18:01	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		08/22/10 18:01	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		08/22/10 18:01	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		08/22/10 18:01	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		08/22/10 18:01	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		08/22/10 18:01	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		08/22/10 18:01	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		08/22/10 18:01	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		08/22/10 18:01	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		08/22/10 18:01	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		08/22/10 18:01	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		08/22/10 18:01	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		08/22/10 18:01	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		08/22/10 18:01	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		08/22/10 18:01	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		08/22/10 18:01	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		08/22/10 18:01	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		08/22/10 18:01	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		08/22/10 18:01	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		08/22/10 18:01	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		08/22/10 18:01	10061-01-5	

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ANALYTICAL RESULTS

Project: Yadkin New Closed MSWLF
Pace Project No.: 9276016

Sample: MW-3 **Lab ID: 9276016003** Collected: 08/18/10 12:00 Received: 08/20/10 16:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		08/22/10 18:01	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/22/10 18:01	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		08/22/10 18:01	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		08/22/10 18:01	74-88-4	
Methylene Chloride	ND	ug/L	1.0	0.97	1		08/22/10 18:01	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		08/22/10 18:01	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		08/22/10 18:01	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		08/22/10 18:01	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		08/22/10 18:01	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		08/22/10 18:01	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		08/22/10 18:01	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		08/22/10 18:01	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		08/22/10 18:01	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		08/22/10 18:01	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		08/22/10 18:01	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		08/22/10 18:01	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		08/22/10 18:01	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		08/22/10 18:01	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		08/22/10 18:01	1330-20-7	
4-Bromofluorobenzene (S)	95	%	70-130		1		08/22/10 18:01	460-00-4	
Dibromofluoromethane (S)	111	%	70-130		1		08/22/10 18:01	1868-53-7	
1,2-Dichloroethane-d4 (S)	106	%	70-130		1		08/22/10 18:01	17060-07-0	
Toluene-d8 (S)	98	%	70-130		1		08/22/10 18:01	2037-26-5	

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ANALYTICAL RESULTS

Project: Yadkin New Closed MSWLF
Pace Project No.: 9276016

Sample: MW-4 **Lab ID: 9276016004** Collected: 08/18/10 14:30 Received: 08/20/10 16:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	6.0	2.6	1	08/23/10 13:00	08/27/10 23:34	7440-36-0	
Arsenic	ND	ug/L	10.0	2.7	1	08/23/10 13:00	08/27/10 23:34	7440-38-2	
Barium	**58.1J**	ug/L	100	0.20	1	08/23/10 13:00	08/27/10 23:34	7440-39-3	
Beryllium	**0.64J**	ug/L	1.0	0.10	1	08/23/10 13:00	08/27/10 23:34	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	08/23/10 13:00	08/27/10 23:34	7440-43-9	
Chromium	**5.9J**	ug/L	10.0	0.40	1	08/23/10 13:00	08/27/10 23:34	7440-47-3	
Cobalt	**8.5J**	ug/L	10.0	0.60	1	08/23/10 13:00	08/27/10 23:34	7440-48-4	
Copper	**7.9J**	ug/L	10.0	0.30	1	08/23/10 13:00	08/27/10 23:34	7440-50-8	
Lead	**5.2J**	ug/L	10.0	4.0	1	08/23/10 13:00	08/27/10 23:34	7439-92-1	
Nickel	**4.6J**	ug/L	50.0	1.7	1	08/23/10 13:00	08/27/10 23:34	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	08/23/10 13:00	08/27/10 23:34	7782-49-2	
Silver	ND	ug/L	10.0	0.10	1	08/23/10 13:00	08/27/10 23:34	7440-22-4	
Thallium	ND	ug/L	5.5	3.0	1	08/23/10 13:00	08/27/10 23:34	7440-28-0	
Vanadium	**14.5J**	ug/L	25.0	0.20	1	08/23/10 13:00	08/27/10 23:34	7440-62-2	
Zinc	**24.4**	ug/L	10.0	0.40	1	08/23/10 13:00	08/27/10 23:34	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Acetone	**3.7J**	ug/L	100	2.2	1		08/22/10 18:26	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		08/22/10 18:26	107-13-1	
Benzene	**1.2**	ug/L	1.0	0.25	1		08/22/10 18:26	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		08/22/10 18:26	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		08/22/10 18:26	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		08/22/10 18:26	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		08/22/10 18:26	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		08/22/10 18:26	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		08/22/10 18:26	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		08/22/10 18:26	56-23-5	
Chlorobenzene	**0.61J**	ug/L	3.0	0.23	1		08/22/10 18:26	108-90-7	
Chloroethane	**2.1J**	ug/L	10.0	0.54	1		08/22/10 18:26	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		08/22/10 18:26	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		08/22/10 18:26	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		08/22/10 18:26	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		08/22/10 18:26	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		08/22/10 18:26	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		08/22/10 18:26	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		08/22/10 18:26	95-50-1	
1,4-Dichlorobenzene	**0.75J**	ug/L	1.0	0.33	1		08/22/10 18:26	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		08/22/10 18:26	110-57-6	
1,1-Dichloroethane	**1.7J**	ug/L	5.0	0.32	1		08/22/10 18:26	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		08/22/10 18:26	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		08/22/10 18:26	75-35-4	
cis-1,2-Dichloroethene	**0.74J**	ug/L	5.0	0.19	1		08/22/10 18:26	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		08/22/10 18:26	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		08/22/10 18:26	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		08/22/10 18:26	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		08/22/10 18:26	10061-01-5	

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ANALYTICAL RESULTS

Project: Yadkin New Closed MSWLF
Pace Project No.: 9276016

Sample: MW-4 **Lab ID: 9276016004** Collected: 08/18/10 14:30 Received: 08/20/10 16:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		08/22/10 18:26	10061-02-6	
Ethylbenzene	**0.66J**	ug/L	1.0	0.30	1		08/22/10 18:26	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		08/22/10 18:26	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		08/22/10 18:26	74-88-4	
Methylene Chloride	ND	ug/L	1.0	0.97	1		08/22/10 18:26	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		08/22/10 18:26	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		08/22/10 18:26	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		08/22/10 18:26	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		08/22/10 18:26	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		08/22/10 18:26	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		08/22/10 18:26	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		08/22/10 18:26	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		08/22/10 18:26	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		08/22/10 18:26	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		08/22/10 18:26	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		08/22/10 18:26	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		08/22/10 18:26	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		08/22/10 18:26	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		08/22/10 18:26	1330-20-7	
4-Bromofluorobenzene (S)	99	%	70-130		1		08/22/10 18:26	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		1		08/22/10 18:26	1868-53-7	
1,2-Dichloroethane-d4 (S)	105	%	70-130		1		08/22/10 18:26	17060-07-0	
Toluene-d8 (S)	98	%	70-130		1		08/22/10 18:26	2037-26-5	

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ANALYTICAL RESULTS

Project: Yadkin New Closed MSWLF
Pace Project No.: 9276016

Sample: MW-5S **Lab ID: 9276016005** Collected: 08/18/10 16:25 Received: 08/20/10 16:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	6.0	2.6	1	08/23/10 13:00	08/27/10 23:47	7440-36-0	
Arsenic	ND	ug/L	10.0	2.7	1	08/23/10 13:00	08/27/10 23:47	7440-38-2	
Barium	**60.6J**	ug/L	100	0.20	1	08/23/10 13:00	08/27/10 23:47	7440-39-3	
Beryllium	**0.27J**	ug/L	1.0	0.10	1	08/23/10 13:00	08/27/10 23:47	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	08/23/10 13:00	08/27/10 23:47	7440-43-9	
Chromium	**0.57J**	ug/L	10.0	0.40	1	08/23/10 13:00	08/27/10 23:47	7440-47-3	
Cobalt	**2.7J**	ug/L	10.0	0.60	1	08/23/10 13:00	08/27/10 23:47	7440-48-4	
Copper	ND	ug/L	10.0	0.30	1	08/23/10 13:00	08/27/10 23:47	7440-50-8	
Lead	ND	ug/L	10.0	4.0	1	08/23/10 13:00	08/27/10 23:47	7439-92-1	
Nickel	ND	ug/L	50.0	1.7	1	08/23/10 13:00	08/27/10 23:47	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	08/23/10 13:00	08/27/10 23:47	7782-49-2	
Silver	ND	ug/L	10.0	0.10	1	08/23/10 13:00	08/27/10 23:47	7440-22-4	
Thallium	**3.5J**	ug/L	5.5	3.0	1	08/23/10 13:00	08/27/10 23:47	7440-28-0	
Vanadium	**1.2J**	ug/L	25.0	0.20	1	08/23/10 13:00	08/27/10 23:47	7440-62-2	
Zinc	**3.3J**	ug/L	10.0	0.40	1	08/23/10 13:00	08/27/10 23:47	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		08/22/10 18:52	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		08/22/10 18:52	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		08/22/10 18:52	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		08/22/10 18:52	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		08/22/10 18:52	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		08/22/10 18:52	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		08/22/10 18:52	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		08/22/10 18:52	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		08/22/10 18:52	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		08/22/10 18:52	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		08/22/10 18:52	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		08/22/10 18:52	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		08/22/10 18:52	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		08/22/10 18:52	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		08/22/10 18:52	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		08/22/10 18:52	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		08/22/10 18:52	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		08/22/10 18:52	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		08/22/10 18:52	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		08/22/10 18:52	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		08/22/10 18:52	110-57-6	
1,1-Dichloroethane	**0.74J**	ug/L	5.0	0.32	1		08/22/10 18:52	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		08/22/10 18:52	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		08/22/10 18:52	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		08/22/10 18:52	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		08/22/10 18:52	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		08/22/10 18:52	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		08/22/10 18:52	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		08/22/10 18:52	10061-01-5	

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ANALYTICAL RESULTS

Project: Yadkin New Closed MSWLF
Pace Project No.: 9276016

Sample: MW-5S **Lab ID: 9276016005** Collected: 08/18/10 16:25 Received: 08/20/10 16:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		08/22/10 18:52	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/22/10 18:52	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		08/22/10 18:52	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		08/22/10 18:52	74-88-4	
Methylene Chloride	ND	ug/L	1.0	0.97	1		08/22/10 18:52	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		08/22/10 18:52	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		08/22/10 18:52	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		08/22/10 18:52	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		08/22/10 18:52	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		08/22/10 18:52	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		08/22/10 18:52	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		08/22/10 18:52	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		08/22/10 18:52	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		08/22/10 18:52	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		08/22/10 18:52	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		08/22/10 18:52	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		08/22/10 18:52	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		08/22/10 18:52	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		08/22/10 18:52	1330-20-7	
4-Bromofluorobenzene (S)	96	%	70-130		1		08/22/10 18:52	460-00-4	
Dibromofluoromethane (S)	109	%	70-130		1		08/22/10 18:52	1868-53-7	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1		08/22/10 18:52	17060-07-0	
Toluene-d8 (S)	97	%	70-130		1		08/22/10 18:52	2037-26-5	

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ANALYTICAL RESULTS

Project: Yadkin New Closed MSWLF
Pace Project No.: 9276016

Sample: MW-5D **Lab ID: 9276016006** Collected: 08/18/10 15:50 Received: 08/20/10 16:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	6.0	2.6	1	08/24/10 12:15	08/29/10 17:04	7440-36-0	
Arsenic	ND	ug/L	10.0	2.7	1	08/24/10 12:15	08/29/10 17:04	7440-38-2	
Barium	**12.7J**	ug/L	100	0.20	1	08/24/10 12:15	08/29/10 17:04	7440-39-3	
Beryllium	ND	ug/L	1.0	0.10	1	08/24/10 12:15	08/29/10 17:04	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	08/24/10 12:15	08/29/10 17:04	7440-43-9	
Chromium	**0.91J**	ug/L	10.0	0.40	1	08/24/10 12:15	08/29/10 17:04	7440-47-3	
Cobalt	ND	ug/L	10.0	0.60	1	08/24/10 12:15	08/29/10 17:04	7440-48-4	
Copper	ND	ug/L	10.0	0.30	1	08/24/10 12:15	08/29/10 17:04	7440-50-8	
Lead	ND	ug/L	10.0	4.0	1	08/24/10 12:15	08/29/10 17:04	7439-92-1	
Nickel	ND	ug/L	50.0	1.7	1	08/24/10 12:15	08/29/10 17:04	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	08/24/10 12:15	08/29/10 17:04	7782-49-2	
Silver	ND	ug/L	10.0	0.10	1	08/24/10 12:15	08/29/10 17:04	7440-22-4	
Thallium	**4.1J**	ug/L	5.5	3.0	1	08/24/10 12:15	08/30/10 12:44	7440-28-0	
Vanadium	**0.76J**	ug/L	25.0	0.20	1	08/24/10 12:15	08/29/10 17:04	7440-62-2	
Zinc	**1.4J**	ug/L	10.0	0.40	1	08/24/10 12:15	08/29/10 17:04	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Acetone	**3.3J**	ug/L	100	2.2	1		08/22/10 19:17	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		08/22/10 19:17	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		08/22/10 19:17	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		08/22/10 19:17	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		08/22/10 19:17	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		08/22/10 19:17	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		08/22/10 19:17	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		08/22/10 19:17	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		08/22/10 19:17	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		08/22/10 19:17	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		08/22/10 19:17	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		08/22/10 19:17	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		08/22/10 19:17	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		08/22/10 19:17	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		08/22/10 19:17	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		08/22/10 19:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		08/22/10 19:17	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		08/22/10 19:17	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		08/22/10 19:17	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		08/22/10 19:17	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		08/22/10 19:17	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		08/22/10 19:17	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		08/22/10 19:17	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		08/22/10 19:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		08/22/10 19:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		08/22/10 19:17	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		08/22/10 19:17	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		08/22/10 19:17	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		08/22/10 19:17	10061-01-5	

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ANALYTICAL RESULTS

Project: Yadkin New Closed MSWLF
Pace Project No.: 9276016

Sample: MW-5D **Lab ID: 9276016006** Collected: 08/18/10 15:50 Received: 08/20/10 16:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		08/22/10 19:17	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/22/10 19:17	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		08/22/10 19:17	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		08/22/10 19:17	74-88-4	
Methylene Chloride	ND	ug/L	1.0	0.97	1		08/22/10 19:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		08/22/10 19:17	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		08/22/10 19:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		08/22/10 19:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		08/22/10 19:17	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		08/22/10 19:17	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		08/22/10 19:17	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		08/22/10 19:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		08/22/10 19:17	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		08/22/10 19:17	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		08/22/10 19:17	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		08/22/10 19:17	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		08/22/10 19:17	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		08/22/10 19:17	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		08/22/10 19:17	1330-20-7	
4-Bromofluorobenzene (S)	97	%	70-130		1		08/22/10 19:17	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		1		08/22/10 19:17	1868-53-7	
1,2-Dichloroethane-d4 (S)	101	%	70-130		1		08/22/10 19:17	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		08/22/10 19:17	2037-26-5	

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ANALYTICAL RESULTS

Project: Yadkin New Closed MSWLF
Pace Project No.: 9276016

Sample: MW-6 **Lab ID: 9276016007** Collected: 08/18/10 09:30 Received: 08/20/10 16:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	**2.7J**	ug/L	6.0	2.6	1	08/24/10 12:15	08/29/10 17:10	7440-36-0	
Arsenic	ND	ug/L	10.0	2.7	1	08/24/10 12:15	08/29/10 17:10	7440-38-2	
Barium	**87.6J**	ug/L	100	0.20	1	08/24/10 12:15	08/29/10 17:10	7440-39-3	
Beryllium	**0.50J**	ug/L	1.0	0.10	1	08/24/10 12:15	08/29/10 17:10	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	08/24/10 12:15	08/29/10 17:10	7440-43-9	
Chromium	**1.9J**	ug/L	10.0	0.40	1	08/24/10 12:15	08/29/10 17:10	7440-47-3	
Cobalt	**2.3J**	ug/L	10.0	0.60	1	08/24/10 12:15	08/29/10 17:10	7440-48-4	
Copper	**1.3J**	ug/L	10.0	0.30	1	08/24/10 12:15	08/29/10 17:10	7440-50-8	
Lead	ND	ug/L	10.0	4.0	1	08/24/10 12:15	08/29/10 17:10	7439-92-1	
Nickel	**2.0J**	ug/L	50.0	1.7	1	08/24/10 12:15	08/29/10 17:10	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	08/24/10 12:15	08/29/10 17:10	7782-49-2	
Silver	ND	ug/L	10.0	0.10	1	08/24/10 12:15	08/29/10 17:10	7440-22-4	
Thallium	ND	ug/L	5.5	3.0	1	08/24/10 12:15	08/30/10 13:00	7440-28-0	
Vanadium	**3.3J**	ug/L	25.0	0.20	1	08/24/10 12:15	08/29/10 17:10	7440-62-2	
Zinc	**16.2**	ug/L	10.0	0.40	1	08/24/10 12:15	08/29/10 17:10	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		08/22/10 19:43	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		08/22/10 19:43	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		08/22/10 19:43	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		08/22/10 19:43	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		08/22/10 19:43	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		08/22/10 19:43	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		08/22/10 19:43	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		08/22/10 19:43	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		08/22/10 19:43	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		08/22/10 19:43	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		08/22/10 19:43	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		08/22/10 19:43	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		08/22/10 19:43	67-66-3	
Chloromethane	**0.24J**	ug/L	1.0	0.11	1		08/22/10 19:43	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		08/22/10 19:43	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		08/22/10 19:43	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		08/22/10 19:43	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		08/22/10 19:43	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		08/22/10 19:43	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		08/22/10 19:43	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		08/22/10 19:43	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		08/22/10 19:43	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		08/22/10 19:43	107-06-2	
1,1-Dichloroethene	**0.88J**	ug/L	5.0	0.56	1		08/22/10 19:43	75-35-4	
cis-1,2-Dichloroethene	**1.6J**	ug/L	5.0	0.19	1		08/22/10 19:43	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		08/22/10 19:43	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		08/22/10 19:43	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		08/22/10 19:43	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		08/22/10 19:43	10061-01-5	

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ANALYTICAL RESULTS

Project: Yadkin New Closed MSWLF
Pace Project No.: 9276016

Sample: MW-6 **Lab ID: 9276016007** Collected: 08/18/10 09:30 Received: 08/20/10 16:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		08/22/10 19:43	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/22/10 19:43	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		08/22/10 19:43	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		08/22/10 19:43	74-88-4	
Methylene Chloride	ND	ug/L	1.0	0.97	1		08/22/10 19:43	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		08/22/10 19:43	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		08/22/10 19:43	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		08/22/10 19:43	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		08/22/10 19:43	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		08/22/10 19:43	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		08/22/10 19:43	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		08/22/10 19:43	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		08/22/10 19:43	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		08/22/10 19:43	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		08/22/10 19:43	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		08/22/10 19:43	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		08/22/10 19:43	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		08/22/10 19:43	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		08/22/10 19:43	1330-20-7	
4-Bromofluorobenzene (S)	96	%	70-130		1		08/22/10 19:43	460-00-4	
Dibromofluoromethane (S)	105	%	70-130		1		08/22/10 19:43	1868-53-7	
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		08/22/10 19:43	17060-07-0	
Toluene-d8 (S)	98	%	70-130		1		08/22/10 19:43	2037-26-5	

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ANALYTICAL RESULTS

Project: Yadkin New Closed MSWLF
Pace Project No.: 9276016

Sample: MW-7 **Lab ID: 9276016008** Collected: 08/18/10 10:00 Received: 08/20/10 16:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	6.0	2.6	1	08/24/10 12:15	08/29/10 17:17	7440-36-0	
Arsenic	ND	ug/L	10.0	2.7	1	08/24/10 12:15	08/29/10 17:17	7440-38-2	
Barium	**57.9J**	ug/L	100	0.20	1	08/24/10 12:15	08/29/10 17:17	7440-39-3	
Beryllium	**0.34J**	ug/L	1.0	0.10	1	08/24/10 12:15	08/29/10 17:17	7440-41-7	
Cadmium	**1.0**	ug/L	1.0	0.50	1	08/24/10 12:15	08/29/10 17:17	7440-43-9	
Chromium	**2.8J**	ug/L	10.0	0.40	1	08/24/10 12:15	08/29/10 17:17	7440-47-3	
Cobalt	ND	ug/L	10.0	0.60	1	08/24/10 12:15	08/29/10 17:17	7440-48-4	
Copper	**2.0J**	ug/L	10.0	0.30	1	08/24/10 12:15	08/29/10 17:17	7440-50-8	
Lead	ND	ug/L	10.0	4.0	1	08/24/10 12:15	08/29/10 17:17	7439-92-1	
Nickel	**1.7J**	ug/L	50.0	1.7	1	08/24/10 12:15	08/29/10 17:17	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	08/24/10 12:15	08/29/10 17:17	7782-49-2	
Silver	ND	ug/L	10.0	0.10	1	08/24/10 12:15	08/29/10 17:17	7440-22-4	
Thallium	ND	ug/L	5.5	3.0	1	08/24/10 12:15	08/29/10 17:17	7440-28-0	
Vanadium	**2.5J**	ug/L	25.0	0.20	1	08/24/10 12:15	08/29/10 17:17	7440-62-2	
Zinc	**8.3J**	ug/L	10.0	0.40	1	08/24/10 12:15	08/29/10 17:17	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		08/22/10 20:08	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		08/22/10 20:08	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		08/22/10 20:08	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		08/22/10 20:08	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		08/22/10 20:08	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		08/22/10 20:08	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		08/22/10 20:08	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		08/22/10 20:08	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		08/22/10 20:08	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		08/22/10 20:08	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		08/22/10 20:08	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		08/22/10 20:08	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		08/22/10 20:08	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		08/22/10 20:08	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		08/22/10 20:08	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		08/22/10 20:08	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		08/22/10 20:08	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		08/22/10 20:08	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		08/22/10 20:08	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		08/22/10 20:08	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		08/22/10 20:08	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		08/22/10 20:08	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		08/22/10 20:08	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		08/22/10 20:08	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		08/22/10 20:08	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		08/22/10 20:08	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		08/22/10 20:08	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		08/22/10 20:08	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		08/22/10 20:08	10061-01-5	

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ANALYTICAL RESULTS

Project: Yadkin New Closed MSWLF
Pace Project No.: 9276016

Sample: MW-7 **Lab ID: 9276016008** Collected: 08/18/10 10:00 Received: 08/20/10 16:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		08/22/10 20:08	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/22/10 20:08	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		08/22/10 20:08	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		08/22/10 20:08	74-88-4	
Methylene Chloride	ND	ug/L	1.0	0.97	1		08/22/10 20:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		08/22/10 20:08	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		08/22/10 20:08	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		08/22/10 20:08	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		08/22/10 20:08	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		08/22/10 20:08	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		08/22/10 20:08	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		08/22/10 20:08	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		08/22/10 20:08	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		08/22/10 20:08	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		08/22/10 20:08	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		08/22/10 20:08	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		08/22/10 20:08	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		08/22/10 20:08	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		08/22/10 20:08	1330-20-7	
4-Bromofluorobenzene (S)	96	%	70-130		1		08/22/10 20:08	460-00-4	
Dibromofluoromethane (S)	109	%	70-130		1		08/22/10 20:08	1868-53-7	
1,2-Dichloroethane-d4 (S)	104	%	70-130		1		08/22/10 20:08	17060-07-0	
Toluene-d8 (S)	99	%	70-130		1		08/22/10 20:08	2037-26-5	

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ANALYTICAL RESULTS

Project: Yadkin New Closed MSWLF
Pace Project No.: 9276016

Sample: MW-8 **Lab ID: 9276016009** Collected: 08/18/10 10:30 Received: 08/20/10 16:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	6.0	2.6	1	08/24/10 12:15	08/29/10 17:20	7440-36-0	
Arsenic	ND	ug/L	10.0	2.7	1	08/24/10 12:15	08/29/10 17:20	7440-38-2	
Barium	**225**	ug/L	100	0.20	1	08/24/10 12:15	08/29/10 17:20	7440-39-3	
Beryllium	**1.2**	ug/L	1.0	0.10	1	08/24/10 12:15	08/29/10 17:20	7440-41-7	
Cadmium	**1.2**	ug/L	1.0	0.50	1	08/24/10 12:15	08/29/10 17:20	7440-43-9	
Chromium	**7.8J**	ug/L	10.0	0.40	1	08/24/10 12:15	08/29/10 17:20	7440-47-3	
Cobalt	**4.5J**	ug/L	10.0	0.60	1	08/24/10 12:15	08/29/10 17:20	7440-48-4	
Copper	**5.9J**	ug/L	10.0	0.30	1	08/24/10 12:15	08/29/10 17:20	7440-50-8	
Lead	**4.6J**	ug/L	10.0	4.0	1	08/24/10 12:15	08/29/10 17:20	7439-92-1	
Nickel	**6.2J**	ug/L	50.0	1.7	1	08/24/10 12:15	08/29/10 17:20	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	08/24/10 12:15	08/29/10 17:20	7782-49-2	
Silver	ND	ug/L	10.0	0.10	1	08/24/10 12:15	08/29/10 17:20	7440-22-4	
Thallium	ND	ug/L	5.5	3.0	1	08/24/10 12:15	08/29/10 17:20	7440-28-0	
Vanadium	**9.5J**	ug/L	25.0	0.20	1	08/24/10 12:15	08/29/10 17:20	7440-62-2	
Zinc	**33.1**	ug/L	10.0	0.40	1	08/24/10 12:15	08/29/10 17:20	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Acetone	**6.4J**	ug/L	100	2.2	1		08/22/10 20:34	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		08/22/10 20:34	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		08/22/10 20:34	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		08/22/10 20:34	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		08/22/10 20:34	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		08/22/10 20:34	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		08/22/10 20:34	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		08/22/10 20:34	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		08/22/10 20:34	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		08/22/10 20:34	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		08/22/10 20:34	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		08/22/10 20:34	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		08/22/10 20:34	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		08/22/10 20:34	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		08/22/10 20:34	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		08/22/10 20:34	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		08/22/10 20:34	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		08/22/10 20:34	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		08/22/10 20:34	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		08/22/10 20:34	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		08/22/10 20:34	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		08/22/10 20:34	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		08/22/10 20:34	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		08/22/10 20:34	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		08/22/10 20:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		08/22/10 20:34	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		08/22/10 20:34	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		08/22/10 20:34	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		08/22/10 20:34	10061-01-5	

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ANALYTICAL RESULTS

Project: Yadkin New Closed MSWLF
Pace Project No.: 9276016

Sample: MW-8 **Lab ID: 9276016009** Collected: 08/18/10 10:30 Received: 08/20/10 16:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		08/22/10 20:34	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/22/10 20:34	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		08/22/10 20:34	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		08/22/10 20:34	74-88-4	
Methylene Chloride	ND	ug/L	1.0	0.97	1		08/22/10 20:34	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		08/22/10 20:34	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		08/22/10 20:34	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		08/22/10 20:34	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		08/22/10 20:34	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		08/22/10 20:34	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		08/22/10 20:34	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		08/22/10 20:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		08/22/10 20:34	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		08/22/10 20:34	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		08/22/10 20:34	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		08/22/10 20:34	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		08/22/10 20:34	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		08/22/10 20:34	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		08/22/10 20:34	1330-20-7	
4-Bromofluorobenzene (S)	94	%	70-130		1		08/22/10 20:34	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		1		08/22/10 20:34	1868-53-7	
1,2-Dichloroethane-d4 (S)	106	%	70-130		1		08/22/10 20:34	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		08/22/10 20:34	2037-26-5	

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ANALYTICAL RESULTS

Project: Yadkin New Closed MSWLF
Pace Project No.: 9276016

Sample: SW-1 **Lab ID: 9276016010** Collected: 08/18/10 12:10 Received: 08/20/10 16:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	6.0	2.6	1	08/24/10 12:15	08/29/10 17:23	7440-36-0	
Arsenic	ND	ug/L	10.0	2.7	1	08/24/10 12:15	08/29/10 17:23	7440-38-2	
Barium	**46.3J**	ug/L	100	0.20	1	08/24/10 12:15	08/29/10 17:23	7440-39-3	
Beryllium	**0.11J**	ug/L	1.0	0.10	1	08/24/10 12:15	08/29/10 17:23	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	08/24/10 12:15	08/29/10 17:23	7440-43-9	
Chromium	**1.9J**	ug/L	10.0	0.40	1	08/24/10 12:15	08/29/10 17:23	7440-47-3	
Cobalt	**4.1J**	ug/L	10.0	0.60	1	08/24/10 12:15	08/29/10 17:23	7440-48-4	
Copper	**1.8J**	ug/L	10.0	0.30	1	08/24/10 12:15	08/29/10 17:23	7440-50-8	
Lead	ND	ug/L	10.0	4.0	1	08/24/10 12:15	08/29/10 17:23	7439-92-1	
Nickel	ND	ug/L	50.0	1.7	1	08/24/10 12:15	08/29/10 17:23	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	08/24/10 12:15	08/29/10 17:23	7782-49-2	
Silver	ND	ug/L	10.0	0.10	1	08/24/10 12:15	08/29/10 17:23	7440-22-4	
Thallium	ND	ug/L	5.5	3.0	1	08/24/10 12:15	08/29/10 17:23	7440-28-0	
Vanadium	**4.2J**	ug/L	25.0	0.20	1	08/24/10 12:15	08/29/10 17:23	7440-62-2	
Zinc	**15.6**	ug/L	10.0	0.40	1	08/24/10 12:15	08/29/10 17:23	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Acetone	**4.7J**	ug/L	100	2.2	1		08/22/10 20:59	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		08/22/10 20:59	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		08/22/10 20:59	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		08/22/10 20:59	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		08/22/10 20:59	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		08/22/10 20:59	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		08/22/10 20:59	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		08/22/10 20:59	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		08/22/10 20:59	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		08/22/10 20:59	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		08/22/10 20:59	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		08/22/10 20:59	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		08/22/10 20:59	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		08/22/10 20:59	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		08/22/10 20:59	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		08/22/10 20:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		08/22/10 20:59	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		08/22/10 20:59	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		08/22/10 20:59	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		08/22/10 20:59	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		08/22/10 20:59	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		08/22/10 20:59	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		08/22/10 20:59	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		08/22/10 20:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		08/22/10 20:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		08/22/10 20:59	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		08/22/10 20:59	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		08/22/10 20:59	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		08/22/10 20:59	10061-01-5	

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ANALYTICAL RESULTS

Project: Yadkin New Closed MSWLF
Pace Project No.: 9276016

Sample: SW-1 **Lab ID: 9276016010** Collected: 08/18/10 12:10 Received: 08/20/10 16:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		08/22/10 20:59	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/22/10 20:59	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		08/22/10 20:59	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		08/22/10 20:59	74-88-4	
Methylene Chloride	ND	ug/L	1.0	0.97	1		08/22/10 20:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		08/22/10 20:59	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		08/22/10 20:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		08/22/10 20:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		08/22/10 20:59	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		08/22/10 20:59	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		08/22/10 20:59	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		08/22/10 20:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		08/22/10 20:59	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		08/22/10 20:59	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		08/22/10 20:59	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		08/22/10 20:59	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		08/22/10 20:59	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		08/22/10 20:59	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		08/22/10 20:59	1330-20-7	
4-Bromofluorobenzene (S)	96	%	70-130		1		08/22/10 20:59	460-00-4	
Dibromofluoromethane (S)	107	%	70-130		1		08/22/10 20:59	1868-53-7	
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		08/22/10 20:59	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		08/22/10 20:59	2037-26-5	

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ANALYTICAL RESULTS

Project: Yadkin New Closed MSWLF
Pace Project No.: 9276016

Sample: SW-2 **Lab ID: 9276016011** Collected: 08/18/10 13:50 Received: 08/20/10 16:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	6.0	2.6	1	08/24/10 12:15	08/29/10 17:36	7440-36-0	
Arsenic	ND	ug/L	10.0	2.7	1	08/24/10 12:15	08/29/10 17:36	7440-38-2	
Barium	**49.8J**	ug/L	100	0.20	1	08/24/10 12:15	08/29/10 17:36	7440-39-3	
Beryllium	ND	ug/L	1.0	0.10	1	08/24/10 12:15	08/29/10 17:36	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	08/24/10 12:15	08/29/10 17:36	7440-43-9	
Chromium	**0.91J**	ug/L	10.0	0.40	1	08/24/10 12:15	08/29/10 17:36	7440-47-3	
Cobalt	**2.4J**	ug/L	10.0	0.60	1	08/24/10 12:15	08/29/10 17:36	7440-48-4	
Copper	ND	ug/L	10.0	0.30	1	08/24/10 12:15	08/29/10 17:36	7440-50-8	
Lead	ND	ug/L	10.0	4.0	1	08/24/10 12:15	08/29/10 17:36	7439-92-1	
Nickel	ND	ug/L	50.0	1.7	1	08/24/10 12:15	08/29/10 17:36	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	08/24/10 12:15	08/29/10 17:36	7782-49-2	
Silver	ND	ug/L	10.0	0.10	1	08/24/10 12:15	08/29/10 17:36	7440-22-4	
Thallium	ND	ug/L	5.5	3.0	1	08/24/10 12:15	08/29/10 17:36	7440-28-0	
Vanadium	**2.0J**	ug/L	25.0	0.20	1	08/24/10 12:15	08/29/10 17:36	7440-62-2	
Zinc	ND	ug/L	10.0	0.40	1	08/24/10 12:15	08/29/10 17:36	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Acetone	**2.7J**	ug/L	100	2.2	1		08/22/10 21:25	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		08/22/10 21:25	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		08/22/10 21:25	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		08/22/10 21:25	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		08/22/10 21:25	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		08/22/10 21:25	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		08/22/10 21:25	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		08/22/10 21:25	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		08/22/10 21:25	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		08/22/10 21:25	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		08/22/10 21:25	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		08/22/10 21:25	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		08/22/10 21:25	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		08/22/10 21:25	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		08/22/10 21:25	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		08/22/10 21:25	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		08/22/10 21:25	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		08/22/10 21:25	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		08/22/10 21:25	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		08/22/10 21:25	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		08/22/10 21:25	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		08/22/10 21:25	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		08/22/10 21:25	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		08/22/10 21:25	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		08/22/10 21:25	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		08/22/10 21:25	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		08/22/10 21:25	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		08/22/10 21:25	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		08/22/10 21:25	10061-01-5	

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ANALYTICAL RESULTS

Project: Yadkin New Closed MSWLF
Pace Project No.: 9276016

Sample: SW-2 **Lab ID: 9276016011** Collected: 08/18/10 13:50 Received: 08/20/10 16:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		08/22/10 21:25	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/22/10 21:25	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		08/22/10 21:25	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		08/22/10 21:25	74-88-4	
Methylene Chloride	ND	ug/L	1.0	0.97	1		08/22/10 21:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		08/22/10 21:25	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		08/22/10 21:25	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		08/22/10 21:25	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		08/22/10 21:25	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		08/22/10 21:25	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		08/22/10 21:25	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		08/22/10 21:25	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		08/22/10 21:25	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		08/22/10 21:25	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		08/22/10 21:25	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		08/22/10 21:25	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		08/22/10 21:25	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		08/22/10 21:25	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		08/22/10 21:25	1330-20-7	
4-Bromofluorobenzene (S)	97	%	70-130		1		08/22/10 21:25	460-00-4	
Dibromofluoromethane (S)	108	%	70-130		1		08/22/10 21:25	1868-53-7	
1,2-Dichloroethane-d4 (S)	105	%	70-130		1		08/22/10 21:25	17060-07-0	
Toluene-d8 (S)	96	%	70-130		1		08/22/10 21:25	2037-26-5	

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ANALYTICAL RESULTS

Project: Yadkin New Closed MSWLF
Pace Project No.: 9276016

Sample: TB **Lab ID: 9276016012** Collected: 08/18/10 00:00 Received: 08/20/10 16:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Acetone	**2.8J**	ug/L	100	2.2	1		08/22/10 21:50	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		08/22/10 21:50	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		08/22/10 21:50	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		08/22/10 21:50	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		08/22/10 21:50	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		08/22/10 21:50	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		08/22/10 21:50	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		08/22/10 21:50	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		08/22/10 21:50	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		08/22/10 21:50	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		08/22/10 21:50	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		08/22/10 21:50	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		08/22/10 21:50	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		08/22/10 21:50	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		08/22/10 21:50	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		08/22/10 21:50	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		08/22/10 21:50	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		08/22/10 21:50	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		08/22/10 21:50	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		08/22/10 21:50	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		08/22/10 21:50	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		08/22/10 21:50	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		08/22/10 21:50	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		08/22/10 21:50	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		08/22/10 21:50	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		08/22/10 21:50	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		08/22/10 21:50	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		08/22/10 21:50	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		08/22/10 21:50	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		08/22/10 21:50	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/22/10 21:50	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		08/22/10 21:50	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		08/22/10 21:50	74-88-4	
Methylene Chloride	**1.6**	ug/L	1.0	0.97	1		08/22/10 21:50	75-09-2	C9
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		08/22/10 21:50	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		08/22/10 21:50	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		08/22/10 21:50	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		08/22/10 21:50	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		08/22/10 21:50	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		08/22/10 21:50	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		08/22/10 21:50	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		08/22/10 21:50	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		08/22/10 21:50	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		08/22/10 21:50	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		08/22/10 21:50	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		08/22/10 21:50	108-05-4	

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ANALYTICAL RESULTS

Project: Yadkin New Closed MSWLF
Pace Project No.: 9276016

Sample: TB **Lab ID: 9276016012** Collected: 08/18/10 00:00 Received: 08/20/10 16:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Vinyl chloride	ND	ug/L	1.0	0.62	1		08/22/10 21:50	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		08/22/10 21:50	1330-20-7	
4-Bromofluorobenzene (S)	93	%	70-130		1		08/22/10 21:50	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		1		08/22/10 21:50	1868-53-7	
1,2-Dichloroethane-d4 (S)	103	%	70-130		1		08/22/10 21:50	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		08/22/10 21:50	2037-26-5	

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ANALYTICAL RESULTS

Project: Yadkin New Closed MSWLF
Pace Project No.: 9276016

Sample: EB **Lab ID: 9276016013** Collected: 08/18/10 09:00 Received: 08/20/10 16:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
Antimony	ND	ug/L	6.0	2.6	1	08/24/10 12:15	08/29/10 17:39	7440-36-0	
Arsenic	ND	ug/L	10.0	2.7	1	08/24/10 12:15	08/29/10 17:39	7440-38-2	
Barium	**30.5J**	ug/L	100	0.20	1	08/24/10 12:15	08/29/10 17:39	7440-39-3	
Beryllium	ND	ug/L	1.0	0.10	1	08/24/10 12:15	08/29/10 17:39	7440-41-7	
Cadmium	ND	ug/L	1.0	0.50	1	08/24/10 12:15	08/29/10 17:39	7440-43-9	
Chromium	ND	ug/L	10.0	0.40	1	08/24/10 12:15	08/29/10 17:39	7440-47-3	
Cobalt	ND	ug/L	10.0	0.60	1	08/24/10 12:15	08/29/10 17:39	7440-48-4	
Copper	ND	ug/L	10.0	0.30	1	08/24/10 12:15	08/29/10 17:39	7440-50-8	
Lead	ND	ug/L	10.0	4.0	1	08/24/10 12:15	08/29/10 17:39	7439-92-1	
Nickel	ND	ug/L	50.0	1.7	1	08/24/10 12:15	08/29/10 17:39	7440-02-0	
Selenium	ND	ug/L	10.0	3.8	1	08/24/10 12:15	08/29/10 17:39	7782-49-2	
Silver	ND	ug/L	10.0	0.10	1	08/24/10 12:15	08/29/10 17:39	7440-22-4	
Thallium	ND	ug/L	5.5	3.0	1	08/24/10 12:15	08/29/10 17:39	7440-28-0	
Vanadium	**1.1J**	ug/L	25.0	0.20	1	08/24/10 12:15	08/29/10 17:39	7440-62-2	
Zinc	ND	ug/L	10.0	0.40	1	08/24/10 12:15	08/29/10 17:39	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Acetone	**2.2J**	ug/L	100	2.2	1		08/22/10 22:16	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		08/22/10 22:16	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		08/22/10 22:16	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		08/22/10 22:16	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		08/22/10 22:16	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		08/22/10 22:16	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		08/22/10 22:16	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		08/22/10 22:16	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		08/22/10 22:16	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		08/22/10 22:16	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		08/22/10 22:16	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		08/22/10 22:16	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		08/22/10 22:16	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		08/22/10 22:16	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		08/22/10 22:16	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		08/22/10 22:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		08/22/10 22:16	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		08/22/10 22:16	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		08/22/10 22:16	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		08/22/10 22:16	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		08/22/10 22:16	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		08/22/10 22:16	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		08/22/10 22:16	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		08/22/10 22:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		08/22/10 22:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		08/22/10 22:16	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		08/22/10 22:16	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		08/22/10 22:16	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		08/22/10 22:16	10061-01-5	

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ANALYTICAL RESULTS

Project: Yadkin New Closed MSWLF
Pace Project No.: 9276016

Sample: EB **Lab ID: 9276016013** Collected: 08/18/10 09:00 Received: 08/20/10 16:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		08/22/10 22:16	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/22/10 22:16	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		08/22/10 22:16	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		08/22/10 22:16	74-88-4	
Methylene Chloride	ND	ug/L	1.0	0.97	1		08/22/10 22:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		08/22/10 22:16	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		08/22/10 22:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		08/22/10 22:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		08/22/10 22:16	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		08/22/10 22:16	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		08/22/10 22:16	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		08/22/10 22:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		08/22/10 22:16	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		08/22/10 22:16	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		08/22/10 22:16	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		08/22/10 22:16	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		08/22/10 22:16	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		08/22/10 22:16	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		08/22/10 22:16	1330-20-7	
4-Bromofluorobenzene (S)	95	%	70-130		1		08/22/10 22:16	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		1		08/22/10 22:16	1868-53-7	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1		08/22/10 22:16	17060-07-0	
Toluene-d8 (S)	98	%	70-130		1		08/22/10 22:16	2037-26-5	

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ANALYTICAL RESULTS

Project: Yadkin New Closed MSWLF
Pace Project No.: 9276016

Sample: FB **Lab ID: 9276016014** Collected: 08/18/10 09:10 Received: 08/20/10 16:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Acetone	ND	ug/L	100	2.2	1		08/22/10 22:41	67-64-1	
Acrylonitrile	ND	ug/L	200	1.9	1		08/22/10 22:41	107-13-1	
Benzene	ND	ug/L	1.0	0.25	1		08/22/10 22:41	71-43-2	
Bromochloromethane	ND	ug/L	3.0	0.17	1		08/22/10 22:41	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		08/22/10 22:41	75-27-4	
Bromoform	ND	ug/L	3.0	0.26	1		08/22/10 22:41	75-25-2	
Bromomethane	ND	ug/L	10.0	0.29	1		08/22/10 22:41	74-83-9	
2-Butanone (MEK)	ND	ug/L	100	0.96	1		08/22/10 22:41	78-93-3	
Carbon disulfide	ND	ug/L	100	1.2	1		08/22/10 22:41	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		08/22/10 22:41	56-23-5	
Chlorobenzene	ND	ug/L	3.0	0.23	1		08/22/10 22:41	108-90-7	
Chloroethane	ND	ug/L	10.0	0.54	1		08/22/10 22:41	75-00-3	
Chloroform	ND	ug/L	5.0	0.14	1		08/22/10 22:41	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		08/22/10 22:41	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	13.0	2.5	1		08/22/10 22:41	96-12-8	
Dibromochloromethane	ND	ug/L	3.0	0.21	1		08/22/10 22:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		08/22/10 22:41	106-93-4	
Dibromomethane	ND	ug/L	10.0	0.21	1		08/22/10 22:41	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	0.30	1		08/22/10 22:41	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		08/22/10 22:41	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	100	1.0	1		08/22/10 22:41	110-57-6	
1,1-Dichloroethane	ND	ug/L	5.0	0.32	1		08/22/10 22:41	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		08/22/10 22:41	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	0.56	1		08/22/10 22:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.19	1		08/22/10 22:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	0.49	1		08/22/10 22:41	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		08/22/10 22:41	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		08/22/10 22:41	142-28-9	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		08/22/10 22:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		08/22/10 22:41	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	0.30	1		08/22/10 22:41	100-41-4	
2-Hexanone	ND	ug/L	50.0	0.46	1		08/22/10 22:41	591-78-6	
Iodomethane	ND	ug/L	10.0	0.32	1		08/22/10 22:41	74-88-4	
Methylene Chloride	ND	ug/L	1.0	0.97	1		08/22/10 22:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	100	0.33	1		08/22/10 22:41	108-10-1	
Styrene	ND	ug/L	1.0	0.26	1		08/22/10 22:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	0.33	1		08/22/10 22:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	3.0	0.40	1		08/22/10 22:41	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		08/22/10 22:41	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		08/22/10 22:41	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		08/22/10 22:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		08/22/10 22:41	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		08/22/10 22:41	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		08/22/10 22:41	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		08/22/10 22:41	96-18-4	
Vinyl acetate	ND	ug/L	50.0	0.35	1		08/22/10 22:41	108-05-4	

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ANALYTICAL RESULTS

Project: Yadkin New Closed MSWLF
Pace Project No.: 9276016

Sample: FB **Lab ID: 9276016014** Collected: 08/18/10 09:10 Received: 08/20/10 16:15 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260								
Vinyl chloride	ND	ug/L	1.0	0.62	1		08/22/10 22:41	75-01-4	
Xylene (Total)	ND	ug/L	5.0	0.66	1		08/22/10 22:41	1330-20-7	
4-Bromofluorobenzene (S)	96	%	70-130		1		08/22/10 22:41	460-00-4	
Dibromofluoromethane (S)	104	%	70-130		1		08/22/10 22:41	1868-53-7	
1,2-Dichloroethane-d4 (S)	107	%	70-130		1		08/22/10 22:41	17060-07-0	
Toluene-d8 (S)	98	%	70-130		1		08/22/10 22:41	2037-26-5	

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QUALITY CONTROL DATA

Project: Yadkin New Closed MSWLF
Pace Project No.: 9276016

QC Batch: MPRP/6917 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET NC Groundwater
Associated Lab Samples: 9276016001, 9276016002, 9276016003, 9276016004, 9276016005

METHOD BLANK: 487021 Matrix: Water
Associated Lab Samples: 9276016001, 9276016002, 9276016003, 9276016004, 9276016005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	ND	6.0	08/27/10 22:06	
Arsenic	ug/L	ND	10.0	08/27/10 22:06	
Barium	ug/L	ND	100	08/27/10 22:06	
Beryllium	ug/L	0.23J	1.0	08/27/10 22:06	
Cadmium	ug/L	ND	1.0	08/27/10 22:06	
Chromium	ug/L	ND	10.0	08/27/10 22:06	
Cobalt	ug/L	ND	10.0	08/27/10 22:06	
Copper	ug/L	ND	10.0	08/27/10 22:06	
Lead	ug/L	ND	10.0	08/27/10 22:06	
Nickel	ug/L	ND	50.0	08/27/10 22:06	
Selenium	ug/L	ND	10.0	08/27/10 22:06	
Silver	ug/L	ND	10.0	08/27/10 22:06	
Thallium	ug/L	ND	5.5	08/27/10 22:06	
Vanadium	ug/L	0.39J	25.0	08/27/10 22:06	
Zinc	ug/L	1.0J	10.0	08/27/10 22:06	

LABORATORY CONTROL SAMPLE: 487022

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	500	483	97	80-120	
Arsenic	ug/L	500	497	99	80-120	
Barium	ug/L	500	487	97	80-120	
Beryllium	ug/L	500	495	99	80-120	
Cadmium	ug/L	500	507	101	80-120	
Chromium	ug/L	500	497	99	80-120	
Cobalt	ug/L	500	494	99	80-120	
Copper	ug/L	500	489	98	80-120	
Lead	ug/L	500	501	100	80-120	
Nickel	ug/L	500	498	100	80-120	
Selenium	ug/L	500	486	97	80-120	
Silver	ug/L	250	208	83	80-120	
Thallium	ug/L	500	475	95	80-120	
Vanadium	ug/L	500	496	99	80-120	
Zinc	ug/L	500	495	99	80-120	

MATRIX SPIKE SAMPLE: 487023

Parameter	Units	9275710002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	ND	500	489	97	75-125	
Arsenic	ug/L	ND	500	502	100	75-125	

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QUALITY CONTROL DATA

Project: Yadkin New Closed MSWLF
Pace Project No.: 9276016

MATRIX SPIKE SAMPLE: 487023

Parameter	Units	9275710002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	65.6	500	557	98	75-125	
Beryllium	ug/L	ND	500	500	100	75-125	
Cadmium	ug/L	ND	500	512	102	75-125	
Chromium	ug/L	ND	500	501	100	75-125	
Cobalt	ug/L	ND	500	501	100	75-125	
Copper	ug/L	ND	500	492	98	75-125	
Lead	ug/L	ND	500	503	100	75-125	
Nickel	ug/L	ND	500	504	101	75-125	
Selenium	ug/L	ND	500	495	98	75-125	
Silver	ug/L	ND	250	202	81	75-125	
Thallium	ug/L	6.2	500	480	95	75-125	
Vanadium	ug/L	ND	500	503	100	75-125	
Zinc	ug/L	ND	500	505	100	75-125	

SAMPLE DUPLICATE: 487024

Parameter	Units	9275710003 Result	Dup Result	RPD	Max RPD	Qualifiers
Antimony	ug/L	ND	ND		25	
Arsenic	ug/L	ND	ND		25	
Barium	ug/L	72.2	71.9J	0	25	
Beryllium	ug/L	ND	0.24J		25	
Cadmium	ug/L	ND	ND		25	
Chromium	ug/L	ND	1.1J		25	
Cobalt	ug/L	35.2	35.8	2	25	
Copper	ug/L	ND	ND		25	
Lead	ug/L	ND	ND		25	
Nickel	ug/L	ND	3.6J		25	
Selenium	ug/L	ND	ND		25	
Silver	ug/L	ND	ND		25	
Thallium	ug/L	ND	3.1J		25	
Vanadium	ug/L	ND	2.2J		25	
Zinc	ug/L	11.5	10.7	7	25	

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QUALITY CONTROL DATA

Project: Yadkin New Closed MSWLF
Pace Project No.: 9276016

QC Batch: MPRP/6931 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET NC Groundwater
Associated Lab Samples: 9276016006, 9276016007, 9276016008, 9276016009, 9276016010, 9276016011, 9276016013

METHOD BLANK: 487429 Matrix: Water
Associated Lab Samples: 9276016006, 9276016007, 9276016008, 9276016009, 9276016010, 9276016011, 9276016013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	ND	6.0	08/29/10 16:58	
Arsenic	ug/L	ND	10.0	08/29/10 16:58	
Barium	ug/L	ND	100	08/29/10 16:58	
Beryllium	ug/L	ND	1.0	08/29/10 16:58	
Cadmium	ug/L	ND	1.0	08/29/10 16:58	
Chromium	ug/L	ND	10.0	08/29/10 16:58	
Cobalt	ug/L	ND	10.0	08/29/10 16:58	
Copper	ug/L	ND	10.0	08/29/10 16:58	
Lead	ug/L	ND	10.0	08/29/10 16:58	
Nickel	ug/L	ND	50.0	08/29/10 16:58	
Selenium	ug/L	ND	10.0	08/29/10 16:58	
Silver	ug/L	ND	10.0	08/29/10 16:58	
Thallium	ug/L	ND	5.5	08/29/10 16:58	
Vanadium	ug/L	ND	25.0	08/29/10 16:58	
Zinc	ug/L	0.55J	10.0	08/29/10 16:58	

LABORATORY CONTROL SAMPLE: 487430

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	500	488	98	80-120	
Arsenic	ug/L	500	488	98	80-120	
Barium	ug/L	500	510	102	80-120	
Beryllium	ug/L	500	501	100	80-120	
Cadmium	ug/L	500	499	100	80-120	
Chromium	ug/L	500	499	100	80-120	
Cobalt	ug/L	500	511	102	80-120	
Copper	ug/L	500	492	98	80-120	
Lead	ug/L	500	497	99	80-120	
Nickel	ug/L	500	500	100	80-120	
Selenium	ug/L	500	487	97	80-120	
Silver	ug/L	250	244	98	80-120	
Thallium	ug/L	500	470	94	80-120	
Vanadium	ug/L	500	498	100	80-120	
Zinc	ug/L	500	487	97	80-120	

MATRIX SPIKE SAMPLE: 487431

Parameter	Units	9276016006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	ND	500	490	98	75-125	
Arsenic	ug/L	ND	500	493	98	75-125	

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QUALITY CONTROL DATA

Project: Yadkin New Closed MSWLF
Pace Project No.: 9276016

MATRIX SPIKE SAMPLE: 487431

Parameter	Units	9276016006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Barium	ug/L	12.7J	500	514	100	75-125	
Beryllium	ug/L	ND	500	502	100	75-125	
Cadmium	ug/L	ND	500	485	97	75-125	
Chromium	ug/L	0.91J	500	493	98	75-125	
Cobalt	ug/L	ND	500	497	99	75-125	
Copper	ug/L	ND	500	499	100	75-125	
Lead	ug/L	ND	500	479	96	75-125	
Nickel	ug/L	ND	500	483	97	75-125	
Selenium	ug/L	ND	500	486	97	75-125	
Silver	ug/L	ND	250	243	97	75-125	
Thallium	ug/L	4.1J	500	462	92	75-125	
Vanadium	ug/L	0.76J	500	503	100	75-125	
Zinc	ug/L	1.4J	500	487	97	75-125	

SAMPLE DUPLICATE: 487432

Parameter	Units	9276016007 Result	Dup Result	RPD	Max RPD	Qualifiers
Antimony	ug/L	2.7J	ND		25	
Arsenic	ug/L	ND	ND		25	
Barium	ug/L	87.6J	85.7J	2	25	
Beryllium	ug/L	0.50J	0.49J		25	
Cadmium	ug/L	ND	ND		25	
Chromium	ug/L	1.9J	1.6J		25	
Cobalt	ug/L	2.3J	2.2J		25	
Copper	ug/L	1.3J	1.2J		25	
Lead	ug/L	ND	ND		25	
Nickel	ug/L	2.0J	2.2J		25	
Selenium	ug/L	ND	ND		25	
Silver	ug/L	ND	ND		25	
Thallium	ug/L	ND	ND		25	
Vanadium	ug/L	3.3J	3.4J		25	
Zinc	ug/L	16.2	15.9	2	25	

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Asheville, NC 28804
(828)254-7176

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

QUALITY CONTROL DATA

Project: Yadkin New Closed MSWLF
Pace Project No.: 9276016

QC Batch: MSV/11979 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level Landfill
Associated Lab Samples: 9276016001, 9276016002, 9276016003, 9276016004, 9276016005, 9276016006, 9276016007, 9276016008, 9276016009, 9276016010, 9276016011, 9276016012, 9276016013, 9276016014

METHOD BLANK: 486910 Matrix: Water
Associated Lab Samples: 9276016001, 9276016002, 9276016003, 9276016004, 9276016005, 9276016006, 9276016007, 9276016008, 9276016009, 9276016010, 9276016011, 9276016012, 9276016013, 9276016014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	5.0	08/22/10 16:44	
1,1,1-Trichloroethane	ug/L	ND	1.0	08/22/10 16:44	
1,1,2,2-Tetrachloroethane	ug/L	ND	3.0	08/22/10 16:44	
1,1,2-Trichloroethane	ug/L	ND	1.0	08/22/10 16:44	
1,1-Dichloroethane	ug/L	ND	5.0	08/22/10 16:44	
1,1-Dichloroethene	ug/L	ND	5.0	08/22/10 16:44	
1,2,3-Trichloropropane	ug/L	ND	1.0	08/22/10 16:44	
1,2-Dibromo-3-chloropropane	ug/L	ND	13.0	08/22/10 16:44	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	08/22/10 16:44	
1,2-Dichlorobenzene	ug/L	ND	5.0	08/22/10 16:44	
1,2-Dichloroethane	ug/L	ND	1.0	08/22/10 16:44	
1,2-Dichloropropane	ug/L	ND	1.0	08/22/10 16:44	
1,3-Dichloropropane	ug/L	ND	1.0	08/22/10 16:44	
1,4-Dichlorobenzene	ug/L	ND	1.0	08/22/10 16:44	
2-Butanone (MEK)	ug/L	ND	100	08/22/10 16:44	
2-Hexanone	ug/L	ND	50.0	08/22/10 16:44	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	100	08/22/10 16:44	
Acetone	ug/L	ND	100	08/22/10 16:44	
Acrylonitrile	ug/L	ND	200	08/22/10 16:44	
Benzene	ug/L	ND	1.0	08/22/10 16:44	
Bromochloromethane	ug/L	ND	3.0	08/22/10 16:44	
Bromodichloromethane	ug/L	ND	1.0	08/22/10 16:44	
Bromoform	ug/L	ND	3.0	08/22/10 16:44	
Bromomethane	ug/L	ND	10.0	08/22/10 16:44	
Carbon disulfide	ug/L	ND	100	08/22/10 16:44	
Carbon tetrachloride	ug/L	ND	1.0	08/22/10 16:44	
Chlorobenzene	ug/L	ND	3.0	08/22/10 16:44	
Chloroethane	ug/L	ND	10.0	08/22/10 16:44	
Chloroform	ug/L	ND	5.0	08/22/10 16:44	
Chloromethane	ug/L	ND	1.0	08/22/10 16:44	
cis-1,2-Dichloroethene	ug/L	ND	5.0	08/22/10 16:44	
cis-1,3-Dichloropropene	ug/L	ND	1.0	08/22/10 16:44	
Dibromochloromethane	ug/L	ND	3.0	08/22/10 16:44	
Dibromomethane	ug/L	ND	10.0	08/22/10 16:44	
Ethylbenzene	ug/L	ND	1.0	08/22/10 16:44	
Iodomethane	ug/L	ND	10.0	08/22/10 16:44	
Methylene Chloride	ug/L	ND	1.0	08/22/10 16:44	
Styrene	ug/L	ND	1.0	08/22/10 16:44	
Tetrachloroethene	ug/L	ND	1.0	08/22/10 16:44	
Toluene	ug/L	ND	1.0	08/22/10 16:44	
trans-1,2-Dichloroethene	ug/L	ND	5.0	08/22/10 16:44	

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

QUALITY CONTROL DATA

Project: Yadkin New Closed MSWLF
Pace Project No.: 9276016

METHOD BLANK: 486910 Matrix: Water

Associated Lab Samples: 9276016001, 9276016002, 9276016003, 9276016004, 9276016005, 9276016006, 9276016007, 9276016008, 9276016009, 9276016010, 9276016011, 9276016012, 9276016013, 9276016014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,3-Dichloropropene	ug/L	ND	1.0	08/22/10 16:44	
trans-1,4-Dichloro-2-butene	ug/L	ND	100	08/22/10 16:44	
Trichloroethene	ug/L	ND	1.0	08/22/10 16:44	
Trichlorofluoromethane	ug/L	ND	1.0	08/22/10 16:44	
Vinyl acetate	ug/L	ND	50.0	08/22/10 16:44	
Vinyl chloride	ug/L	ND	1.0	08/22/10 16:44	
Xylene (Total)	ug/L	ND	5.0	08/22/10 16:44	
1,2-Dichloroethane-d4 (S)	%	101	70-130	08/22/10 16:44	
4-Bromofluorobenzene (S)	%	94	70-130	08/22/10 16:44	
Dibromofluoromethane (S)	%	102	70-130	08/22/10 16:44	
Toluene-d8 (S)	%	95	70-130	08/22/10 16:44	

LABORATORY CONTROL SAMPLE: 486911

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.5	101	70-130	
1,1,1-Trichloroethane	ug/L	50	46.7	93	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	49.2	98	70-130	
1,1,2-Trichloroethane	ug/L	50	50.4	101	70-130	
1,1-Dichloroethane	ug/L	50	48.5	97	70-130	
1,1-Dichloroethene	ug/L	50	46.3	93	70-132	
1,2,3-Trichloropropane	ug/L	50	43.2	86	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	44.8	90	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	49.1	98	70-130	
1,2-Dichlorobenzene	ug/L	50	50.8	102	70-130	
1,2-Dichloroethane	ug/L	50	47.0	94	70-130	
1,2-Dichloropropane	ug/L	50	51.2	102	70-130	
1,3-Dichloropropane	ug/L	50	49.3	99	70-130	
1,4-Dichlorobenzene	ug/L	50	49.3	99	70-130	
2-Butanone (MEK)	ug/L	100	90.0J	90	70-145	
2-Hexanone	ug/L	100	94.9	95	70-144	
4-Methyl-2-pentanone (MIBK)	ug/L	100	95.4J	95	70-140	
Acetone	ug/L	100	82.1J	82	50-175	
Acrylonitrile	ug/L	250	226	90	70-143	
Benzene	ug/L	50	53.5	107	70-130	
Bromochloromethane	ug/L	50	48.0	96	70-130	
Bromodichloromethane	ug/L	50	46.6	93	70-130	
Bromoform	ug/L	50	51.5	103	70-130	
Bromomethane	ug/L	50	49.0	98	54-130	
Carbon disulfide	ug/L	50	52.4J	105	70-131	
Carbon tetrachloride	ug/L	50	44.4	89	70-132	
Chlorobenzene	ug/L	50	50.9	102	70-130	
Chloroethane	ug/L	50	49.2	98	64-134	
Chloroform	ug/L	50	45.2	90	70-130	

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(704)875-9092

QUALITY CONTROL DATA

Project: Yadkin New Closed MSWLF
Pace Project No.: 9276016

LABORATORY CONTROL SAMPLE: 486911

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloromethane	ug/L	50	53.8	108	64-130	
cis-1,2-Dichloroethene	ug/L	50	46.0	92	70-131	
cis-1,3-Dichloropropene	ug/L	50	48.6	97	70-130	
Dibromochloromethane	ug/L	50	49.3	99	70-130	
Dibromomethane	ug/L	50	51.0	102	70-131	
Ethylbenzene	ug/L	50	51.5	103	70-130	
Iodomethane	ug/L	100	96.3	96	49-180	
Methylene Chloride	ug/L	50	41.7	83	63-130	
Styrene	ug/L	50	51.3	103	70-130	
Tetrachloroethene	ug/L	50	50.2	100	70-130	
Toluene	ug/L	50	52.0	104	70-130	
trans-1,2-Dichloroethene	ug/L	50	47.5	95	70-130	
trans-1,3-Dichloropropene	ug/L	50	46.1	92	70-132	
trans-1,4-Dichloro-2-butene	ug/L	50	45.4J	91	70-141	
Trichloroethene	ug/L	50	51.8	104	70-130	
Trichlorofluoromethane	ug/L	50	47.5	95	62-133	
Vinyl acetate	ug/L	100	88.0	88	66-157	
Vinyl chloride	ug/L	50	49.0	98	69-130	
Xylene (Total)	ug/L	150	163	109	70-130	
1,2-Dichloroethane-d4 (S)	%			91	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Dibromofluoromethane (S)	%			91	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 486912 486913

Parameter	Units	9276016002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1-Dichloroethene	ug/L	ND	50	50	62.4	65.6	125	131	70-166	5	30	
Benzene	ug/L	0.95J	50	50	57.3	60.5	113	119	70-148	5	30	
Chlorobenzene	ug/L	1.2J	50	50	59.3	61.5	116	121	70-146	4	30	
Toluene	ug/L	17.7	50	50	86.8	87.3	138	139	70-155	1	30	
Trichloroethene	ug/L	0.47J	50	50	58.2	60.3	115	120	69-151	4	30	
1,2-Dichloroethane-d4 (S)	%						100	100	70-130			
4-Bromofluorobenzene (S)	%						92	95	70-130			
Dibromofluoromethane (S)	%						98	100	70-130			
Toluene-d8 (S)	%						97	96	70-130			

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QUALIFIERS

Project: Yadkin New Closed MSWLF
Pace Project No.: 9276016

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

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

MDL - Adjusted Method Detection Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

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

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

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

LABORATORIES

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

ANALYTE QUALIFIERS

C9	Common Laboratory Contaminant.

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 2

1379583

Section A Required Client Information:

Company: Municipal Engineering Services
Address: PO Box 97
Garner NC 27529
Email To: jpfahl@mesco.com
Phone: (919) 772-5393 Fax: (919) 772-1176
Requested Due Date/TAT: Standard

Section B Required Project Information:

Report To: Jonathan Pfahl
Copy To:
Purchase Order No.:
Project Name: Yadkin New Closed MSWLF
Project Number:

Section C Invoice Information:

Attention: See A
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager: Kevin Godwin
Pace Profile #: 2103-3

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☑ OTHER

Site Location STATE: NC

Section D Required Client Information

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

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

Requested Analysis Filtered (Y/N): N

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start Date	Composite Start Time	Composite End/Grab Date	Composite End/Grab Time	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test: VOCs - App I	Analysis Test: Metals - App I	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-1	WT	G			8/18/10	11:15		4			1	3					✓	✓	N	001
2	MW-2						5:00														002
3	MW-3						12:00														003
4	MW-4						2:30														004
5	MW-5S						4:25														005
6	MW-5D						3:50														006
7	MW-6						9:30														007
8	MW-7						10:00														008
9	MW-8						10:30														009
10	SW-1						12:10														010
11	SW-2						1:50														011
12	TB					Pace Filled			2				2					✓			012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
Routine Semi-Annual Event	[signature] /MESCO	8/20/10	8:00	[signature] pace dt	8/20/10	8:00				
	[signature] pace dt	8/20/10	1615	[signature]	8/20/10	1615	Y	Y	Y	Y
							Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Jonathan Pfahl

SIGNATURE of SAMPLER: [signature]

DATE Signed (MM/DD/YY): 8/18/10

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

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CHAIN-OF-CUSTODY / Analytical Request Document

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

1366199

Section A Required Client Information:

Company: Municipal Engineering Services
Address: PO Box 97
Graham NC 27529
Email To: jpfohl@mesco.com
Phone: (919) 772-5393 Fax: (919) 772-7176
Requested Due Date/TAT: Std

Section B Required Project Information:

Report To: Jonathan Pfohl
Copy To:
Purchase Order No.:
Project Name: Yadkin New Closed MSWLF
Project Number:

Section C Invoice Information:

Attention: See A
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager: Colin Godwin
Pace Profile #:

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER ☑ OTHER ☐ UST ☐ RCRA

Site Location STATE: NC

Section D Required Client Information

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

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

Requested Analysis Filtered (Y/N): Y/N = N

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start Date	Composite Start Time	Composite End/Grab Date	Composite End/Grab Time	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test: VOCs - App I	Analysis Test: Metals - App I	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	EB	WT	G			8/18/10	9:00		4			1	3					✓	✓	N	013
2	FB	WT	G			8/18/10	9:10		3				3					✓		N	014
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	MES CO	8/20/10	8:00	[illegible]	8/20/10	8:00				
	[illegible]	8/20/10	16:15	[illegible]	8/20/10	16:15	1.0	[illegible]	[illegible]	[illegible]
							Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Jon Pfohl

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 8/18/10

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

Sample Condition Upon Receipt

Pace Analytical

Client Name: Municipal Project # 92760/6

Where Received: ☑ Huntersville ☐ Asheville ☐ Eden

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

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

Optional
Proj. Due Date:
Proj. Name:

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

Thermometer Used: IR Gun : T809 **Type of Ice:** Wet Blue None ☑ Samples on ice, cooling process has begun

Temp Correction Factor: Add / Subtract _____0_____C

Corrected Cooler Temp.: 1.0 C **Biological Tissue is Frozen:** Yes No

Temp should be above freezing to 6°C

Date and Initials of person examining contents: mm 8/20/10

Comments:

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC: -Includes date/time/ID/Analysis Matrix: TB = LA	☑Yes ☐No ☐N/A	12.
All containers needing preservation have been checked.	☑Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☑Yes ☐No ☐N/A	
Exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☑No ☐N/A	15.
Trip Blank Present:	☑Yes ☐No ☐N/A	16. mm 8/20/10
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	8/20/10 mm
Pace Trip Blank Lot # (if purchased):_____		

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: [signature] **Date:** 8/23/10

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

F-CHR-CS-003-rev.00

Sampling Data Sheet

Municipal Services Engineering Company — Garner, NC — Boone, NC

Project: Yadkin County New Closed MSWLF & Closed C&D Landfill

Samplers: J. Pfohl Page 1 of 1

Monitoring Point	Sample Date	Sample Time	Sampling Parameters: Depth to Water (BTOP) Static	Lab Parameters to be analyzed for	Volume Purged (Gal)	Sample Type	Goes Dry During Purge	Comments	Total Depth	Water Quality Parameters: Cl⁻ (mg/l)	DO (mg/L)	ORP	pH	Temp. ©	Specific Cond. (us/cm	TDS (mg/L)	Turbidity	CH4 (ppm)
MW-1	8/17/10	11:15	33.27	I	2	DB	Y		39.5	NR	NR	173	5.61	16.1	86	41	ST	Ø
MW-2		5:00	10.31	I	2		Y		18.5			167	5.50	15.5	186	90	C	Ø
MW-3		12:00	8.26	I	3	DB	Y		21			31	6.26	14.7	203	101	ST	Ø
MW-4		2:30	9.16	I	7	DB	N		20.5			119	5.61	14.5	181	79	C	Ø
MW-5S		4:25	5.48	I	6	DB	Y		20			[illegible]	6.70	13.9	186	91	C	Ø
MW-5D		3:50	11.54	I	27	DB	Y		71			-80	7.49	15.0	326	16.8	C	Ø
MW-6	8/18/10	9:30	16.02	I	4	DB	N		21			219	5.17	16.0	38	15	C	Ø
MW-7	8/18/10	10:00	38.89	I	2	DB	Y		45			207	5.52	14.9	38	17	C	Ø
MW-8	8/18/10	10:30	39.55	I	2	DB	Y		45			201	5.19	16.2	61	28	-	Ø
SW-1		12:10		I	-	Dip	-		-			69	6.93	22.3	203	106	C	-
SW-2	8/18/10	1:50		I	-	Dip	-		-			73	6.98	21.8	217	111	C	-
P-1	NS	—		WLR only	—	—												-
SW-By MW-2	NS	—	—	-	-		-		-									

Comments

SS B=Stainless Steel Baler, D B=Disposable Baler, P=Low flow Pump, PD=Purged Dry

VT=Very Turbid, MT=Moderately Turbid, ST=Slightly Turbid, C=Clear

NR=No Reading Attempted, NS=No Sample Obtained